

Routledge

Veterinary Medicine  
Textbook Catalogue  
Spring 2026



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Taylor & Francis are pleased to present a selection of our most suitable textbooks for your teaching. Titles have been selected from our comprehensive Routledge and CRC Press lists, full details of which can be found on our website: [www.routledge.com](http://www.routledge.com) If there are any subject areas not included in this catalogue which you are looking for resources for, do get in touch with us and we will see what we can provide. We are, as always, keen to view textbook publishing as a collaborative process and look forward to working with you in the future.

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## A Professional's Guide to Feline Behaviour

Understanding, Improving and Resolving Problems



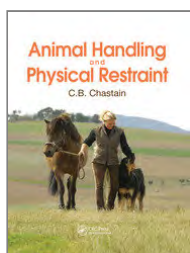
**Caroline Clark** Clinical Animal Behaviorist

A Professional's Guide to Feline Behaviour is an invaluable resource for veterinarians, shelter workers, behaviourist and others working cats, while being accessible to anyone who shares their life with a cat and wants to gain a deeper understanding of their behaviour. It offers a greater understanding of cats and how to meet their needs, explains how to deal with challenges that cats face and how to analyse feline behaviour accurately, with a view to designing a tailored behaviour modification plan. Real-life case studies, accompanied with behaviour plans that integrate clinically proven methods, help manage or resolve a range of behaviour issues.

CRC Press  
October 2024 : 332pp  
Pb: 978-1-032-17199-9 : **£38.99**  
Hb: 978-1-032-17204-0 : **£105**  
eBook: 978-1-003-25224-5

\* For full contents and more information, visit: [www.routledge.com/9781032171999](http://www.routledge.com/9781032171999)

## Animal Handling and Physical Restraint



**C. B. Chastain** Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

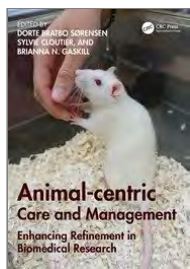
The aim of the book is to prepare future or current veterinarians and veterinary technologists, technicians/nurses, and assistants to be able to handle animals more safely, gain the confidence of animals and their owners, and instruct owners in proper animal handling methods. No handling or restraint of animals is without risk, but proper animal handling and restraint aids in reducing the chance of physical or infectious disease injury to the handler and the animal handled. Minimum-stress handling of farm and ranch animals raised for meat, milk, or fiber also aids the producer in being more humane and gaining greater profitability.

CRC Press  
February 2019 : 408pp  
Pb: 978-0-367-02832-9 : **£46.99**  
Hb: 978-1-498-76193-2 : **£190**  
eBook: 978-1-315-15331-5

\* For full contents and more information, visit: [www.routledge.com/9780367028329](http://www.routledge.com/9780367028329)

## Animal-centric Care and Management

Enhancing Refinement in Biomedical Research



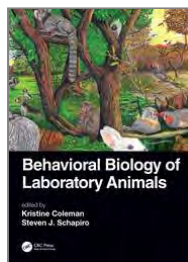
**Edited by Dorte Bratbo Sørensen, Sylvie Cloutier, Brianna N. Gaskill**  
Canadian Council on Animal Care, **Brianna N. Gaskill**

By establishing an animal-centric view on housing and management, this book takes Refinement a step beyond "elimination of inhumanities". Rather than fitting animals into experimental conditions, it aims to adjust conditions to better meet the needs and preferences of the animals. Expert authors address how to define and measure animal welfare, the importance and nature of human-animal-interactions, and how to promote a culture of care. Species-specific chapters focus on animals most commonly used as experimental models. This interdisciplinary book hopes to act as a catalyst, resulting in multiple viewpoints collaborating to optimize laboratory animal welfare.

CRC Press  
October 2020 : 204pp  
Pb: 978-0-367-18083-6 : **£46.99**  
Hb: 978-0-367-18102-4 : **£190**  
eBook: 978-0-429-05954-4

\* For full contents and more information, visit: [www.routledge.com/9780367180836](http://www.routledge.com/9780367180836)

## Behavioral Biology of Laboratory Animals



**Edited by Kristine Coleman** OR National Primate Research Cntr. USA, **Steven J. Schapiro** The University of TX MD Anderson Cancer Cntr.

This 30-chapter volume informs students and professionals about the behavioral biology of animals commonly housed in laboratory and other captive settings. Each species evolved under specific environmental conditions, resulting in unique behavioral patterns, many of which are maintained in captivity even after generations of breeding. Understanding natural behavior is therefore a critical part of modern animal care practices. The descriptions, data, guidance, resources, and recommendations in this book will help the reader understand their animals better, refine the care and treatment that they receive, and improve their well-being, welfare, and wellness.

CRC Press  
August 2021 : 560pp  
Hb: 978-0-367-02923-4 : **£190**  
eBook: 978-0-429-01951-7

\* For full contents and more information, visit: [www.routledge.com/9780367029234](http://www.routledge.com/9780367029234)

## Concise Textbook of Large Animal Handling

A Practical Handbook



**C. B. Chastain** Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

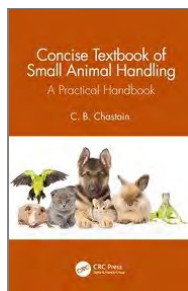
This concise, instructional guide condenses the most important aspects of large animal handling. It provides a portable, durable, beside-the-animal means of learning, as well as a convenient way to refresh on safety and efficacy in animal handling techniques. The text covers handler and animal safety, sanitation, approach and capture, routine handling and release, handling for medical procedures and use of restraint equipment. Important reading for undergraduate veterinary students on EMS rotations, as well as practicing veterinarians, technicians and assistants, the book covers species encountered in farm, equine and laboratory settings.

CRC Press  
June 2023 : 322pp  
Pb: 978-0-367-62809-3 : **£44.99**  
Hb: 978-0-367-62812-3 : **£115**  
eBook: 978-1-003-11091-0

\* For full contents and more information, visit: [www.routledge.com/9780367628093](http://www.routledge.com/9780367628093)

## Concise Textbook of Small Animal Handling

A Practical Handbook



**C. B. Chastain** Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

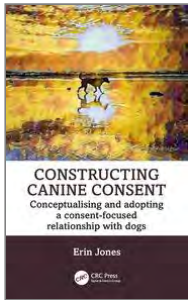
This instructional pocket reference condenses the most important aspects of small animal handling. It provides a portable, durable means of learning 'on the ground'. Spiralbound for practical use at the animal's side during veterinary placements in a clinic or laboratory, the text covers handler safety, animal safety, sanitation, approach and capture, handling for medical procedures and use and supply sources of restraint equipment. A Companion Website provides additional self-assessment questions and answers to aid learning. Important reading for undergraduate veterinary students as well as practicing technicians, nurses and assistants.

CRC Press  
April 2022 : 242pp  
Pb: 978-0-367-62813-0 : **£35.99**  
Hb: 978-0-367-62814-7 : **£94.99**  
eBook: 978-1-003-11092-7

\* For full contents and more information, visit: [www.routledge.com/9780367628130](http://www.routledge.com/9780367628130)

## Constructing Canine Consent

Conceptualising and adopting a consent-focused relationship with dogs



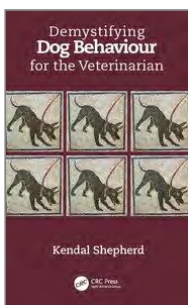
**Erin Jones** Merit Dog Training, NZ

Looking beyond species boundaries can help us not only consider concepts of canine consent and autonomy, but it can also help us to apply these concepts in our everyday interactions with them: fundamental for any professional working with dogs as well as everyday dog caregivers. This canine indexed definition of consent includes a model of five major categories: Touch/interaction-based consent, cooperative-care using learned consent behaviours, activity consent, consent-based learning, and substitutive consent. This book aims to merge the existing literature and new understandings about canine consent to paint a complete picture.

CRC Press  
March 2024 : 138pp  
Pb: 978-1-032-42159-9 : **£28.99**  
Hb: 978-1-032-42167-4 : **£75.99**  
eBook: 978-1-003-36145-9

\* For full contents and more information, visit: [www.routledge.com/9781032421599](http://www.routledge.com/9781032421599)

## Demystifying Dog Behaviour for the Veterinarian



**Kendal Shepherd** Royal College of Veterinary Surgeons

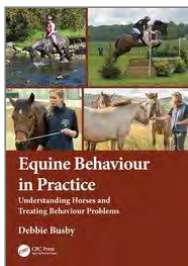
This practical guide for busy veterinarians demystifies canine behaviour while emphasising its importance. Authored by acclaimed veterinary behaviour consultant Kendal Shepherd, the book provides practical knowledge of dog behaviour and an understanding of how to talk about it with clients. Shepherd shows how this can enhance the relationship between owner and pet and between dog and environment as well as improve the vet's own sense of fulfilment and enjoyment of practice. Packed with anecdotes drawn from real-life cases, the principles can be effortlessly assimilated into the average consultation.

CRC Press  
April 2021 : 216pp  
Pb: 978-0-367-54991-6 : **£28.99**  
Hb: 978-0-367-71639-4 : **£190**  
eBook: 978-1-003-15303-0

\* For full contents and more information, visit: [www.routledge.com/9780367549916](http://www.routledge.com/9780367549916)

## Equine Behaviour in Practice

Understanding Horses and Treating Behaviour Problems



**Debbie Busby**

Combining an in-depth exploration of equine behaviour with clinical practice, Equine Behaviour in Practice focuses not just on the horse's behaviour, but on the behaviour of the human interacting with the horse. It equips readers with the understanding and skills to be effective equine behaviour consultants. Discussing how and why horses sometimes struggle to cope, this book explains how to consult on and treat a range of behaviour problems. It encourages readers to develop a critical biopsychosocial evaluation based on an understanding of how horses evolved, their ethological and physiological adaptations, how they learn, and how they can assess their welfare.

CRC Press  
March 2025 : 256pp  
Pb: 978-1-032-94714-3 : **£56.99**  
Hb: 978-1-032-94715-0 : **£165**  
eBook: 978-1-003-58139-0

\* For full contents and more information, visit: [www.routledge.com/9781032947143](http://www.routledge.com/9781032947143)

## How to Build a Puppy

Into a Healthy Adult Dog



**Julia Robertson** Galen Myotherapy, UK

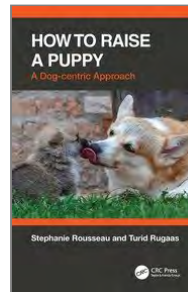
Using her world-renowned Galen Myotherapy Puppy Physical Development Plan®, Robertson suggests small but important changes to the way we look after puppies and growing dogs. Environment, exercise and activity habits have deep, ongoing effects and the book explores ways in which positive change can be integrated easily into our normal lives. A section on anatomy explains how everything fits together while practical exercises and activities help build good foundations. This book will help canine professionals better advise their clients, but also empower readers to ask more questions from their vet, breeder, or puppy trainer.

CRC Press  
June 2022 : 288pp  
Pb: 978-1-032-21520-4 : **£25.99**  
Hb: 978-1-032-21521-1 : **£65.99**  
eBook: 978-1-003-26878-9

\* For full contents and more information, visit: [www.routledge.com/9781032215204](http://www.routledge.com/9781032215204)

## How to Raise a Puppy

A Dog-centric Approach



**Stephanie Rousseau, Turid Rugaas**

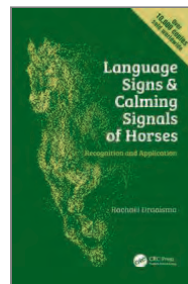
Drawing on research into how dogs naturally rear their young, and how dogs have evolved to behave and spend their time, How to Raise a Puppy supports a new way of sharing our lives with our dogs. It also offers advice on dealing with some of the common challenges people experience with puppies, and tips for managing adolescence. A much-needed resource for dog trainers, veterinarians and behaviourists to recommend to clients, this conveys a powerful message to help overcome all too common issues so many people have with their puppies. Packed with practical advice, it offers an overdue "puppy perspective", with respect for a dog as a sentient being at its core.

CRC Press  
October 2022 : 172pp  
Pb: 978-1-032-30449-6 : **£23.99**  
Hb: 978-1-032-30450-2 : **£36.99**  
eBook: 978-1-003-30515-6

\* For full contents and more information, visit: [www.routledge.com/9781032304496](http://www.routledge.com/9781032304496)

## Language Signs and Calming Signals of Horses

Recognition and Application



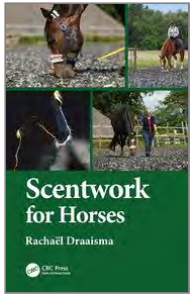
**Rachaël Draaisma**

This practical book helps you interpret and connect the physical signals that horses display in response to their environment. These signals are evident in the everyday actions, gestures and attitudes that horses communicate to each other, but are often so subtle that they can go unnoticed by humans. This book aims to rectify that, offering horse lovers and equine professionals an opportunity to gain a unique insight into their 'horse's world', allowing them to calm the horse before his stress rises to an unmanageable level.

CRC Press  
October 2017 : 200pp  
Hb: 978-1-138-07015-8 : **£36.99**  
eBook: 978-1-315-26566-7

\* For full contents and more information, visit: [www.routledge.com/9781138070158](http://www.routledge.com/9781138070158)

## Scentwork for Horses



**Rachael Draaisma**

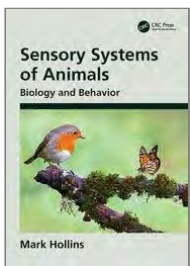
This is the first practical guide on how to implement scentwork into the lives of domesticated horses, enhancing behaviour, welfare and the human-animal bond. Draaisma demonstrates how scentwork improves the horse's learning abilities, development, socialisation and their bond with the handler, showing how to have your horse explore their environment, participate in scentwork games and follow a footstep track. Whether veterinarian, behaviourist, trainer, animal-assisted therapist, equine physiotherapist or horse owner, this book promises to bring both you and your horse enormous benefits.

CRC Press  
December 2020 : 286pp  
Pb: 978-0-367-53760-9 : **£35.99**  
Hb: 978-0-367-55298-5 : **£94.99**  
eBook: 978-1-003-09284-1

\* For full contents and more information, visit: [www.routledge.com/9780367537609](http://www.routledge.com/9780367537609)

## Sensory Systems of Animals

Biology and Behavior



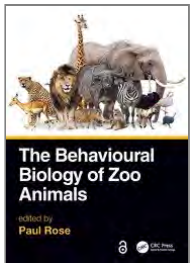
**Mark Hollins**

The aim of this book is to provide a knowledge base and unifying perspective on the field that will enable beginning researchers to chart their own course within it. The emphasis throughout is on research, in both the behavioral/ethological and neuroscientific traditions, that has led to important discoveries. With over 500 references and 80 illustrations, this textbook is primary reading intended for advanced undergraduates and beginning graduate students of veterinary science, lab animal science, and zoology. It would also be of great interest to professionals and academics working with animals such as veterinary professionals and zookeepers.

CRC Press  
October 2024 : 264pp  
Pb: 978-1-032-42328-9 : **£52.99**  
Hb: 978-1-032-42331-9 : **£140**  
eBook: 978-1-003-36231-9

\* For full contents and more information, visit: [www.routledge.com/9781032423289](http://www.routledge.com/9781032423289)

## The Behavioural Biology of Zoo Animals



*Edited by* **Paul Rose** Exeter Univ.

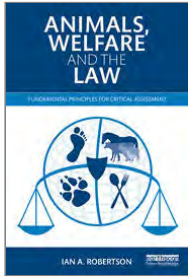
This is the first book on captive animal behaviour and how this applies to welfare. The book enables all aspects of zoo husbandry and management (nutrition, enclosure design, handling and training, enrichment, population management) to be based on a sound knowledge of the species, its evolutionary and natural history. Chapters from expert authors cover a vast range of taxa, from primates and elephants to marine mammals and freshwater fish, to reptiles, birds and invertebrates. It explains how evidence from the wild can be implemented into captive care to support the wider aims of the zoo (conservation, education, research and recreation).

CRC Press  
November 2022 : 367pp  
Pb: 978-1-032-07716-1 : **£62.99**  
Hb: 978-1-032-07719-2 : **£170**  
eBook: 978-1-003-20847-1

\* For full contents and more information, visit: [www.routledge.com/9781032077161](http://www.routledge.com/9781032077161)

## Animals, Welfare and the Law

Fundamental Principles for Critical Assessment



**Ian A. Robertson**

In this objective, practical and authoritative introductory text the author reveals how the fundamental principles of the human-animal relationship drive the development of animal law. The author identifies 29 key principles which constitute the core knowledge necessary for informing animal welfare law. The book also considers animal welfare and law in the context of a global market through discussion of common issues such as climate change, biosecurity, food safety and food supply. It book combines insights from science, ethics and law to provide an essential understanding of what informs society and the law with regards to animals and their welfare.

Routledge

July 2015 : 300pp

Pb: 978-0-415-53563-2 : **£52.99**

Hb: 978-0-415-53562-5 : **£185**

eBook: 978-0-203-11231-1

\* For full contents and more information, visit: [www.routledge.com/9780415535632](http://www.routledge.com/9780415535632)

## Feeding Horses

An Evidence-Based Approach to Equine Nutrition



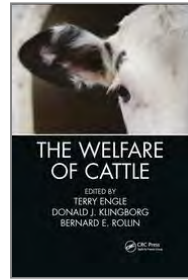
**Gulsah Kaya Karasu** Van Hall Larenstein Univ., **Peter Huntington** Kentucky Equine Research Australasia

This concise handbook provides evidence-based, practical horse nutrition, accessible to all readers. Standing out from very dense, theoretical horse nutrition books, it arms equine students, veterinary students and horse owners with practically applicable information, bringing theory and practice together. Divided into four parts, the book covers the horse's digestive system, types of feeds, formulating rations and nutrition-related health disorders. Its scientifically validated, practical information will be invaluable for horse owners, students and trainers, equine nutritionists and practitioners within the equine industry.

CRC Press  
March 2025 : 190pp  
Pb: 978-1-032-45925-7 : **£52.99**  
Hb: 978-1-032-45939-4 : **£150**  
eBook: 978-1-003-37935-5

\* For full contents and more information, visit: [www.routledge.com/9781032459257](http://www.routledge.com/9781032459257)

## The Welfare of Cattle



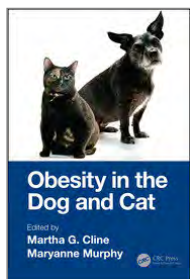
*Edited by* **Terry Engle**, **Donald J. Klingborg, DVM** School of Veterinary Medicine, University of California, Davis, USA, **Bernard E. Rollin** Colorado State University, Fort Collins, USA

The Welfare of Cattle offers an accurate, detailed account of the ethical and welfare concerns related to the human use of cattle. Covering both beef and dairy cattle, it provides in-depth information on the husbandry roots of traditional agriculture, the replacement of this system by an industrial model, and the resulting welfare challenges associated with feedlots, highly industrialized dairies, and slaughterhouses killing huge numbers of animals who have been transported great distances.

CRC Press  
March 2020 : 368pp  
Pb: 978-0-367-89349-1 : **£65.99**  
Hb: 978-1-138-19706-0 : **£185**  
eBook: 978-1-315-28245-9

\* For full contents and more information, visit: [www.routledge.com/9780367893491](http://www.routledge.com/9780367893491)

## Obesity in the Dog and Cat



*Edited by* **Martha G. Cline** Red Bank Veterinary Hospital, Tinton Falls, New Jersey, USA, **Maryanne Murphy** University of Tennessee

A complete, balanced diet is one of the fundamental aspects to optimizing health and longevity in companion animals, yet obesity in dogs and cats is becoming a major problem. This book provides a comprehensive review of obesity in small animal medicine with clinical application to veterinarians seeking to provide weight management services in practice. With multiple authors from both academic and practice backgrounds, the chapters cover topics ranging from epidemiology and pathophysiology of obesity to evaluation of body composition, and nutritional and behavioural management, as well as role of exercise in managing obesity. Case studies demonstrate these topics in practice.

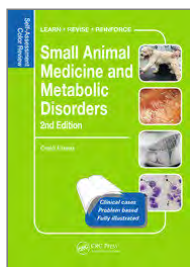
CRC Press  
May 2019 : 234pp  
Pb: 978-1-498-74147-7 : **£48.99**  
Hb: 978-0-367-20520-1 : **£185**  
eBook: 978-1-315-15162-5

\* For full contents and more information, visit: [www.routledge.com/9781498741477](http://www.routledge.com/9781498741477)

2ND EDITION

## Small Animal Medicine and Metabolic Disorders

Self-Assessment Color Review



*Edited by* **Craig Raux** Massey University, Institute of Veterinary and Biomedical Sciences, Palmerston North, New Zealand

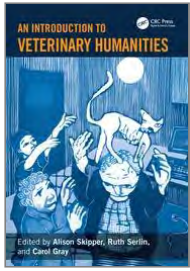
Series: *Veterinary Self-Assessment Color Review Series*

Nearly 20 years after Bryn Tennant's first edition, this new update covers all aspects of diseases and disorders and affecting organs of the abdominal cavity and the endocrine/metabolic system in a case-based format. Responding to advances in imaging technology, digital radiography and high-resolution ultrasonography as well as the growth in specialised diagnostic tests for many diseases, editor Craig Raux brings together a wide variety of new cases. These cases cover a wide spectrum of metabolic, endocrine, immune-mediated, inflammatory and infectious diseases and range in difficulty. They are presented in random order, as they would appear in everyday practice.

CRC Press  
February 2019 : 288pp  
Pb: 978-1-138-03572-0 : **£46.99**  
Hb: 978-1-138-39243-4 : **£200**  
eBook: 978-0-429-40172-5

\* For full contents and more information, visit: [www.routledge.com/9781138035720](http://www.routledge.com/9781138035720)

## An Introduction to Veterinary Humanities



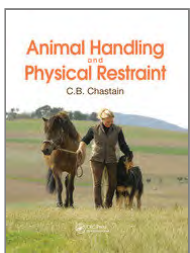
Edited by **Alison Skipper, Ruth Serlin, Carol Gray**  
Hartpury Univ.

This book offers new ways to think about these issues through the emerging interdisciplinary field of veterinary humanities. It breaks new ground in bringing together insights from multiple academic perspectives – history, art, ethics, social sciences and many more – to think about veterinary topics in a new way through contributions from over forty authors. Addressing topics from across the veterinary sector, their writing ranges from deeply personal reflections to academic essays. This anthology will be particularly relevant to those training or working in the veterinary sector, whatever the role or level of experience.

CRC Press  
April 2026 : 402pp  
Pb: 978-1-032-42722-5 : **£52.99**  
Hb: 978-1-032-43724-8 : **£200**

\* For full contents and more information, visit: [www.routledge.com/9781032427225](http://www.routledge.com/9781032427225)

## Animal Handling and Physical Restraint



**C. B. Chastain** Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

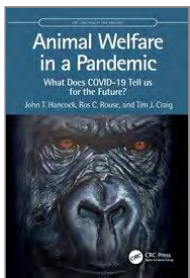
The aim of the book is to prepare future or current veterinarians and veterinary technologists, technicians/nurses, and assistants to be able to handle animals more safely, gain the confidence of animals and their owners, and instruct owners in proper animal handling methods. No handling or restraint of animals is without risk, but proper animal handling and restraint aids in reducing the chance of physical or infectious disease injury to the handler and the animal handled. Minimum-stress handling of farm and ranch animals raised for meat, milk, or fiber also aids the producer in being more humane and gaining greater profitability.

CRC Press  
February 2019 : 408pp  
Pb: 978-0-367-02832-9 : **£46.99**  
Hb: 978-1-498-76193-2 : **£190**  
eBook: 978-1-315-15331-5

\* For full contents and more information, visit: [www.routledge.com/9780367028329](http://www.routledge.com/9780367028329)

## Animal Welfare in a Pandemic

What Does COVID-19 Tell us for the Future?



**John T. Hancock** UWE Bristol, **Ros C. Rouse** UWE Bristol,  
**Tim J. Craig** UWE Bristol

Series: *CRC One Health One Welfare*

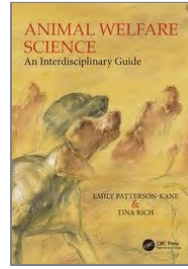
This book explores the impact of COVID-19 on a wide array of animals, from those in the wild to companion and captive animals. During the height of the pandemic, a range of animals were infected, and many died, but this was hard to predict, even using up-to-date bioinformatics. Some of the vast amount of personal protection equipment (PPE) that was distributed was discarded, creating both dangers and occasional opportunities for wild animals. With the rollout of human vaccines, some countries started to develop animal vaccines, only some of which were deployed.

CRC Press  
April 2024 : 250pp  
Pb: 978-1-032-52109-1 : **£50.99**  
Hb: 978-1-032-54734-3 : **£135**  
eBook: 978-1-003-42725-4

\* For full contents and more information, visit: [www.routledge.com/9781032521091](http://www.routledge.com/9781032521091)

## Animal Welfare Science

An Interdisciplinary Guide



Edited by **Emily Patterson-Kane, Tina Rich**

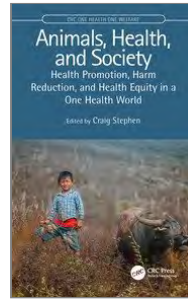
From blue skies scientists to front line animal rescue, there is a need for this textbook which distils and interprets the core concepts and language of animal welfare science. Coverage includes the main theories and why we needed them, practical advice for how to assess animal welfare, illustrative examples of different species and the importance of their interactions, and the stresses and strains experienced across an increasingly diverse workforce. Foundational knowledge is combined with real-world examples and recent advances to communicate the content and spirit of this unique field. Sidebars, boxes, bullet points, tables, and copious color illustrations aid accessibility.

CRC Press  
September 2025 : 326pp  
Pb: 978-1-032-44636-3 : **£83.99**  
Hb: 978-1-032-45112-1 : **£105**  
eBook: 978-1-003-37545-6

\* For full contents and more information, visit: [www.routledge.com/9781032446363](http://www.routledge.com/9781032446363)

## Animals, Health, and Society

Health Promotion, Harm Reduction, and Health Equity in a One Health World



Edited by **Craig Stephen**

Series: *CRC One Health One Welfare*

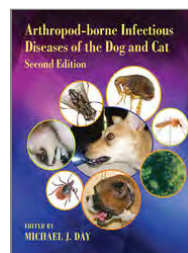
This timely book promotes the positive contributions made to health across species, showing the reader situations wherein we can all, regardless of our job description, work across species, sectors and generations to motivate action. Case studies demonstrate that the principles and practices presented are feasible, empowering people to make choices that concurrently benefit the health of animals, societies and ecosystems. This is necessary reading for students and practitioners in planetary health, conservation, eco-health, health promotion, veterinary medicine and animal welfare.

CRC Press  
December 2020 : 352pp  
Pb: 978-0-367-33622-6 : **£94.99**  
Hb: 978-0-367-64260-0 : **£235**  
eBook: 978-0-429-32087-3

\* For full contents and more information, visit: [www.routledge.com/9780367336226](http://www.routledge.com/9780367336226)

2ND EDITION

## Arthropod-borne Infectious Diseases of the Dog and Cat



Edited by **Michael J. Day**

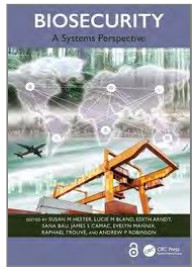
This book is an invaluable resource for information on the clinical presentation, pathogenesis, diagnosis and treatment of major arthropod-transmitted diseases of dogs and cats. Illustrated in colour throughout, the book incorporates photographs of clinical cases, haematology, cytology and gross and microscopic pathology, which help understand the diagnosis and treatment of these diseases. The book goes beyond just covering the diseases themselves and also provides information on the arthropods that transmit them. With the effects of climate change and increasing international pet travel, this book will be a valuable addition to every small animal practitioner's library.

CRC Press  
June 2020 : 232pp  
Pb: 978-0-367-57493-2 : **£50.99**  
Hb: 978-1-498-70824-1 : **£190**  
eBook: 978-0-429-06815-7

\* For full contents and more information, visit: [www.routledge.com/9780367574932](http://www.routledge.com/9780367574932)

## Biosecurity

A Systems Perspective



Edited by **Susan M Hester** UNE Business School, University of New England, Australia, **Lucie M Bland**, **Edith Arndt** University of Melbourne, Parkville, Australia, **Sana Bau**, **James S Camac** University of Melbourne, Australia, **Evelyn Mannix**, **Raphael Trouve**, **Andrew P Robinson**

Biosecurity: A Systems Perspective provides an overview of biosecurity as a system of related components, actors and risks. This book — directed to the biosecurity practitioner, generalist scientist and student — introduces overall features of the biosecurity system while walking the reader through the most up-to-date research on each step of the continuum (i.e. pre-border, border and post-border activities). This book, which explicitly incorporates economic and social dimensions as well as varied decision-making contexts, paves the way for a more systemic approach to biosecurity risk management.

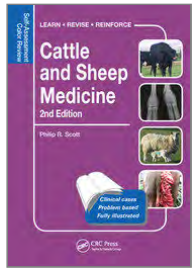
CRC Press  
July 2024 : 278pp  
Pb: 978-1-032-18169-1 : **£67.99**  
Hb: 978-1-032-18168-4 : **£175**  
eBook: 978-1-003-25320-4

\* For full contents and more information, visit: [www.routledge.com/9781032181691](http://www.routledge.com/9781032181691)

2ND EDITION

## Cattle and Sheep Medicine

Self-Assessment Color Review



**Philip R. Scott**

Series: *Veterinary Self-Assessment Color Review Series*

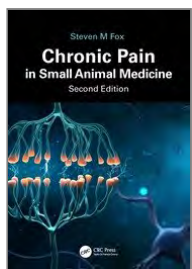
The new edition incorporates over 250 new clinical cases divided equally between cattle and sheep. The cases appear randomly to reflect real life practice and are presented as a set of integrated questions, photographs and detailed explanatory answers—to educate and not just to test. New images have been added for all cases and multiple choice questions are included for revision purposes. The diagnosis and treatment regimens described are those used by the author over the past 38 years in commercial large animal practice. They acknowledge the time and financial restrictions that occur in many situations, but require no specialised facilities or equipment.

CRC Press  
June 2016 : 344pp  
Pb: 978-1-498-74737-0 : **£46.99**  
eBook: 978-0-429-09156-8

\* For full contents and more information, visit: [www.routledge.com/9781498747370](http://www.routledge.com/9781498747370)

2ND EDITION

## Chronic Pain in Small Animal Medicine



**Steven M. Fox** SECURUS - a division of MWI, Clive, Iowa, USA

Over the past decade, many advances have been made in the discipline of pain management, including embracement under the One Medicine initiative to improve the health and well-being of multiple species. Contributing significantly to this progress is the evidence base provided by multimodal management of chronic diseases such as osteoarthritis, a leading cause of pet euthanasia. These advances are explored in this updated edition, which goes beyond common protocols by focusing on the latest evidence and our understanding of 'why and how to treat'.

CRC Press  
August 2023 : 294pp  
Pb: 978-1-032-45144-2 : **£86.99**  
Hb: 978-1-032-45316-3 : **£225**  
eBook: 978-1-003-37642-2

\* For full contents and more information, visit: [www.routledge.com/9781032451442](http://www.routledge.com/9781032451442)

## Climate Change and Animal Health



Edited by **Craig Stephen** McEachran Institute, Canada, **Colleen Duncan** Colorado State Univ.

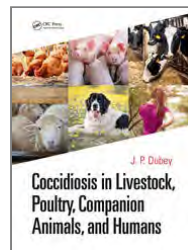
Series: *CRC One Health One Welfare*

This benchmark publication brings together information on the current and anticipated effects of climate change on animal health. It empowers educators, managers, practitioners, and researchers by providing evidence, experience, and opinions on what we need to do to prepare for, and cope with, the largest threat ever to have faced animals on this planet. After introducing animal health in a climate change context, chapters look at specific animal health impacts arising from climate change. The book concludes with suggestions on teachable and actionable ideas that could be used to mobilize concepts provided into education or advocacy.

CRC Press  
November 2022 : 334pp  
Pb: 978-0-367-71201-3 : **£51.99**  
Hb: 978-0-367-71202-0 : **£145**  
eBook: 978-1-003-14977-4

\* For full contents and more information, visit: [www.routledge.com/9780367712013](http://www.routledge.com/9780367712013)

## Coccidiosis in Livestock, Poultry, Companion Animals, and Humans



Edited by **J. P. Dubey**

Despite an explosion of research in the last 40 years, there has been no new book published discussing conventional coccidiosis for more than 25 years. This comprehensive review therefore answers an urgent need for a book dealing exclusively with conventional coccidia (Eimeria and Isospora). It provides concise, authoritative, up to date information on coccidiosis, with particular attention to research in the last 28 years

CRC Press  
June 2022 : 396pp  
Pb: 978-1-032-33759-3 : **£50.99**  
Hb: 978-0-367-26592-2 : **£190**  
eBook: 978-0-429-29410-5

\* For full contents and more information, visit: [www.routledge.com/9781032337593](http://www.routledge.com/9781032337593)

## Concise Textbook of Large Animal Handling

A Practical Handbook



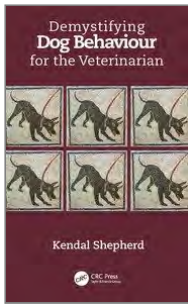
**C. B. Chastain** Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

This concise, instructional guide condenses the most important aspects of large animal handling. It provides a portable, durable, beside-the-animal means of learning, as well as a convenient way to refresh on safety and efficacy in animal handling techniques. The text covers handler and animal safety, sanitation, approach and capture, routine handling and release, handling for medical procedures and use of restraint equipment. Important reading for undergraduate veterinary students on EMS rotations, as well as practicing veterinarians, technicians and assistants, the book covers species encountered in farm, equine and laboratory settings.

CRC Press  
June 2023 : 322pp  
Pb: 978-0-367-62809-3 : **£44.99**  
Hb: 978-0-367-62812-3 : **£115**  
eBook: 978-1-003-11091-0

\* For full contents and more information, visit: [www.routledge.com/9780367628093](http://www.routledge.com/9780367628093)

## Demystifying Dog Behaviour for the Veterinarian



**Kendal Shepherd** Royal College of Veterinary Surgeons

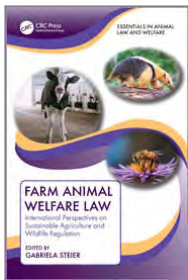
This practical guide for busy veterinarians demystifies canine behaviour while emphasising its importance. Authored by acclaimed veterinary behaviour consultant Kendal Shepherd, the book provides practical knowledge of dog behaviour and an understanding of how to talk about it with clients. Shepherd shows how this can enhance the relationship between owner and pet and between dog and environment as well as improve the vet's own sense of fulfilment and enjoyment of practice. Packed with anecdotes drawn from real-life cases, the principles can be effortlessly assimilated into the average consultation.

CRC Press  
April 2021 : 216pp  
Pb: 978-0-367-54991-6 : **£28.99**  
Hb: 978-0-367-71639-4 : **£190**  
eBook: 978-1-003-15303-0

\* For full contents and more information, visit: [www.routledge.com/9780367549916](http://www.routledge.com/9780367549916)

## Farm Animal Welfare Law

International Perspectives on Sustainable Agriculture and Wildlife Regulation



*Edited by* **Gabriela Steier** Northeastern Univ.

*Series: Essentials in Animal Law and Welfare*

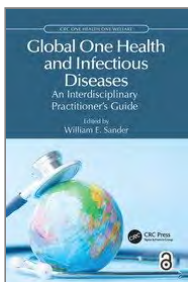
Introducing the various aspects of international farm animal protection and wildlife conservation through the lenses of food safety and environmental protection law, Farm Animal Welfare Law provides a primer for law school courses and masters' programs, for practitioners, advocates, and animal enthusiasts alike. Animal welfare and biodiversity conservation sit at the core of the selected chapters, each one providing real-world examples to make the complex field easy to understand. Current developments including food safety modernization, block chain, and COVID-19 considerations, are addressed head-on.

CRC Press  
August 2023 : 400pp  
Pb: 978-0-367-68476-1 : **£44.99**  
Hb: 978-0-367-68477-8 : **£115**  
eBook: 978-1-003-13773-3

\* For full contents and more information, visit: [www.routledge.com/9780367684761](http://www.routledge.com/9780367684761)

## Global One Health and Infectious Diseases

An Interdisciplinary Practitioner's Guide



*Edited by* **William E. Sander** University of Illinois

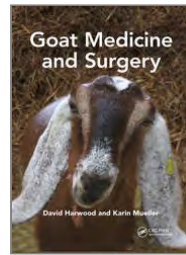
*Series: CRC One Health One Welfare*

Through the lens of infectious disease, this book brings together the diverse range of topics necessary to be an effective global health practitioner at the intersection of human and animal health, particularly in developing countries. It explores what a practitioner should be aware of when working with infectious diseases globally, including technical skills, cultural competency, capacity building and big data. An important reference for upper-level undergraduate students, graduate students, and early practitioners in human, animal, and public health, this text highlights the competencies rather than focusing on the problems in Global One Health.

CRC Press  
January 2025 : 404pp  
Pb: 978-1-032-14067-4 : **£65.99**  
Hb: 978-1-032-14074-2 : **£185**  
eBook: 978-1-003-23222-3

\* For full contents and more information, visit: [www.routledge.com/9781032140674](http://www.routledge.com/9781032140674)

## Goat Medicine and Surgery



**David Harwood** BVetMed, FRCVS Chairman, GVS; Hon Vet Surgeon, BGS; Visiting Reader in Vet Field Pathology, Dept of Pathology and Infectious Diseases, School of Vet Medicine, University of Surrey, **Karin Mueller** MVSc DCHP DipECBHM MRCVS Senior Lecturer, Institute of Veterinary Science, University of Liverpool; RCVS and European Diplomate & Specialist in Cattle / Bovine Health

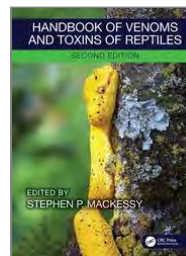
Goat Medicine and Surgery describes key diseases encountered in general practice along with their diagnoses, treatment, prognoses, and control. The book is divided into chapters covering each body system. Diseases and disorders are included with the common differential diagnoses followed by the specific diagnosis and recommended treatment(s). In addition the book covers basic anatomy, commons breeds, and husbandry. The book will be invaluable to veterinarians in practice and training, animal scientists and agricultural advisors, and scientists interested in animal welfare.

CRC Press  
March 2020 : 392pp  
Pb: 978-0-367-89342-2 : **£65.99**  
Hb: 978-1-498-74863-6 : **£185**  
eBook: 978-1-315-15223-3

\* For full contents and more information, visit: [www.routledge.com/9780367893422](http://www.routledge.com/9780367893422)

2ND EDITION

## Handbook of Venoms and Toxins of Reptiles



*Edited by* **Stephen P. Mackessy** University of Northern Colorado, Greeley, CO, USA

A decade after publication of the first edition, this handbook responds to extensive changes in the field of toxinology to endure as the most comprehensive review of reptile venoms on the market. The six sections of this new edition, which has nearly doubled in size, complement the original handbook by presenting current information from many of the leading researchers and physicians in toxinology, with topics ranging from functional morphology, evolution and ecology to crystallography, -omics technologies and more. The section on snakebite now includes several chapters dealing with the problem broadly and with new technologies.

CRC Press  
May 2021 : 680pp  
Hb: 978-0-367-14974-1 : **£190**  
eBook: 978-0-429-05420-4

\* For full contents and more information, visit: [www.routledge.com/9780367149741](http://www.routledge.com/9780367149741)

## Health and Welfare of Brachycephalic (Flat-faced) Companion Animals

A Complete Guide for Veterinary and Animal Professionals



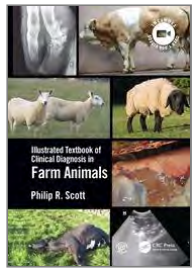
*Edited by* **Rowena Packer** The Royal Veterinary College, **Dan O'Neill** The Royal Veterinary College

Health and welfare issues relating to brachycephalic (flat-faced) dogs are now one of the most pressing problems facing companion animals. This book aims to equip veterinary professionals, animal welfare scientists, dog breeders and the interested owner with the full story about brachycephalic health and welfare. Cutting-edge knowledge is provided on a range of disciplines including anaesthesia, ophthalmology, dermatology, respiratory disease, neurological, dental, reproduction and weight control. The book offers substantial practical advice for veterinary teams on welfare and ethical issues around choosing, owning and caring for brachycephalic dogs to share with clients.

CRC Press  
August 2021 : 418pp  
Pb: 978-0-367-20724-3 : **£46.99**  
Hb: 978-0-367-20741-0 : **£105**  
eBook: 978-0-429-26323-1

\* For full contents and more information, visit: [www.routledge.com/9780367207243](http://www.routledge.com/9780367207243)

## Illustrated Textbook of Clinical Diagnosis in Farm Animals



**Philip R Scott** Edinburgh Veterinary School

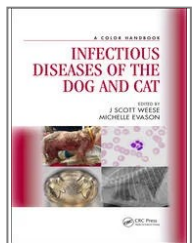
Providing veterinary students with a brand-new approach to large animal medicine, this portable textbook first describes the detailed examination of each organ system achievable on the farm, illustrated via 2000+ unique images and 1000+ video recordings. Key points, images and video recordings then provide differential diagnoses for common farm animal clinical presentations. The repository of video clips show the clinical presentation, diagnosis, recovery or pathology of all common disorders. Small and spiral-bound, the book offers a lifeline for veterinary students during their EMS (extra-mural studies) placements.

CRC Press  
August 2022 : 414pp  
Pb: 978-0-367-61270-2 : **£65.99**  
Hb: 978-1-032-19750-0 : **£170**  
eBook: 978-1-003-10645-6

\* For full contents and more information, visit: [www.routledge.com/9780367612702](http://www.routledge.com/9780367612702)

## Infectious Diseases of the Dog and Cat

A Color Handbook



*Edited by* **J Scott Weese, Michelle Evason**

*Series: Veterinary Color Handbook Series*

This is a concise and quick reference guide, clinically oriented, based on experience underpinned by published research data. The systems-based approach emphasizes the problem list process utilized by most practitioners when faced with a patient presenting with a single or variety of clinical symptoms. This allows generation of a complete list of infectious disease differentials, and the ability to include or exclude those indicated based on patient risk assessment. Pathogen specific information enables rational choice of diagnostics, therapy, and prognostication for a complete list of small animal infectious disease that includes bacterial, viral, parasitic/protozoal and fungal.

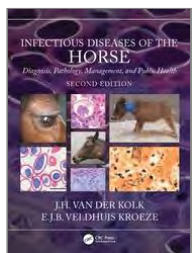
CRC Press  
May 2023 : 328pp  
Pb: 978-1-032-57010-5 : **£51.99**  
Hb: 978-1-498-77551-9 : **£135**  
eBook: 978-0-429-18664-6

\* For full contents and more information, visit: [www.routledge.com/9781032570105](http://www.routledge.com/9781032570105)

2ND EDITION

## Infectious Diseases of the Horse

Diagnosis, pathology, management, and public health



**J.H. van der Kolk** Utrecht Univ., **E.J.B. Veldhuis Kroeze** Erasmus Univ. Med. Centre

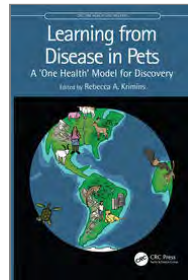
This comprehensive yet practical book about established infectious diseases of horses is categorized according to the different pathogens. The majority of equine infectious diseases caused by microbes and parasites are covered - bacterial, viral, protozoan, fungal, ectoparasitic and helminthic. Practical Appendices contain a list of differential diagnoses based on clinical signs to support clinical decision-making, a list of zoonoses and reportable diseases, and illustrations of clinical pathology and hematology. This is a valuable resource for all veterinary practitioners, scientists, students, technicians and nurses working with horses.

CRC Press  
December 2022 : 370pp  
Hb: 978-1-032-05428-5 : **£175**  
eBook: 978-1-003-19754-6

\* For full contents and more information, visit: [www.routledge.com/9781032054285](http://www.routledge.com/9781032054285)

## Learning from Disease in Pets

A 'One Health' Model for Discovery



*Edited by* **Rebecca A. Krimins** Johns Hopkins University

*Series: CRC One Health One Welfare*

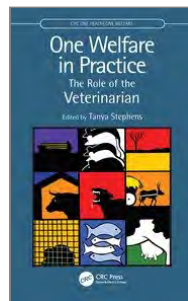
This is the first encompassing guide for veterinarians, researchers and physicians on conducting studies using spontaneous models of disease in animals. Using clinical trials to learn how pets with real disease respond to therapy can lead to breakthroughs in human medicine, as well as benefiting pets suffering from otherwise debilitating illness. The book details how to design a robust clinical study, encouraging veterinarians to build on and disseminate findings. It discusses communication styles, the ethics of using pets in veterinary clinical research, diseases that occur in animals and man, and regulatory requirements.

CRC Press  
November 2020 : 306pp  
Pb: 978-0-367-17310-4 : **£94.99**  
Hb: 978-0-367-17316-6 : **£235**  
eBook: 978-0-429-05617-8

\* For full contents and more information, visit: [www.routledge.com/9780367173104](http://www.routledge.com/9780367173104)

## One Welfare in Practice

The Role of the Veterinarian



*Edited by* **Tanya Stephens** Haberfield Veterinary Hospital

*Series: CRC One Health One Welfare*

The book demonstrates, through a wide range of international case studies, why professional ethics and the use of good evidence is integral to this role. One Welfare in Practice: The Role of the Veterinarian emphasises the importance of interdisciplinary collaboration and solutions. It is essential that veterinary practitioners recognise when other professionals need to be consulted to benefit both animals and humans. With its multiple, fascinating approaches to One Welfare, this book will inform and inspire the veterinarian to find areas where collaborative action reaps the greatest rewards. This unique book shows how veterinarians can improve animal and human welfare.

CRC Press  
October 2021 : 414pp  
Pb: 978-0-367-90406-7 : **£50.99**  
Hb: 978-1-032-11078-3 : **£125**  
eBook: 978-1-003-21833-3

\* For full contents and more information, visit: [www.routledge.com/9780367904067](http://www.routledge.com/9780367904067)

## Pig Health



**John Carr**, **Shih-Ping Chen**, **Joseph F. Connor** Carthage Veterinary Services Ltd., Illinois, USA, **Roy Kirkwood**, **Joaquim Segalés** Autonomous University of Barcelona, Spain

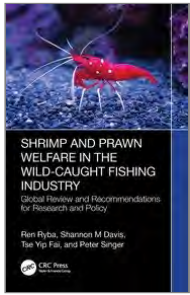
Maintaining the health of pigs is vital in pig farming and production. This new book written by experts from around the world focuses on the health of pigs, first with coverage of the diseases organized by body system and then with coverage of health maintenance. The book includes over 1,500 high-quality illustrations which, where appropriate, enhance the clinical description. Clinical examination of the individual pig and groups are covered along with environmental medicine.

CRC Press  
March 2020 : 512pp  
Pb: 978-0-367-89340-8 : **£65.99**  
Hb: 978-1-498-70472-4 : **£185**  
eBook: 978-1-315-15706-1

\* For full contents and more information, visit: [www.routledge.com/9780367893408](http://www.routledge.com/9780367893408)

## Shrimp and Prawn Welfare in the Wild-Caught Fishing Industry

Global Review and Recommendations for Research and Policy



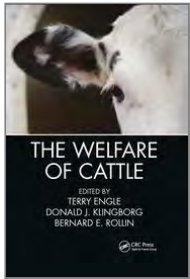
**Ren Ryba** AnimalAsk, **Shannon M Davis** Shrimp Welfare Project, **Tse Yip Fai** Independent Researcher, **Peter Singer** Emeritus Prof., Princeton Univ.

This book delves into the ethical implications of the probability that shrimp and prawns are capable of feeling pain. The authors provide a new dataset of the estimated numbers of individual shrimp caught by country and species, using this to describe the shrimp fishing industry in the world's top 30 countries by estimated catch. The book suggests ways that policymakers could improve wild-caught shrimp welfare, from installing electrical stunning equipment in large-scale trawl fisheries to improving supply chain practices in small-scale fisheries. It provides a roadmap for future research and policy to address this urgent, emerging challenge.

CRC Press  
September 2025 : 146pp  
Pb: 978-1-032-90145-9 : **£52.99**  
Hb: 978-1-032-90722-2 : **£150**  
eBook: 978-1-003-55942-9

\* For full contents and more information, visit: [www.routledge.com/9781032901459](http://www.routledge.com/9781032901459)

## The Welfare of Cattle



Edited by **Terry Engle**, **Donald J. Klingborg, DVM** School of Veterinary Medicine, University of California, Davis, USA, **Bernard E. Rollin** Colorado State University, Fort Collins, USA

The Welfare of Cattle offers an accurate, detailed account of the ethical and welfare concerns related to the human use of cattle. Covering both beef and dairy cattle, it provides in-depth information on the husbandry roots of traditional agriculture, the replacement of this system by an industrial model, and the resulting welfare challenges associated with feedlots, highly industrialized dairies, and slaughterhouses killing huge numbers of animals who have been transported great distances.

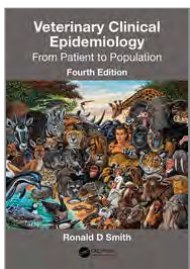
CRC Press  
March 2020 : 368pp  
Pb: 978-0-367-89349-1 : **£65.99**  
Hb: 978-1-138-19706-0 : **£185**  
eBook: 978-1-315-28245-9

\* For full contents and more information, visit: [www.routledge.com/9780367893491](http://www.routledge.com/9780367893491)

4TH EDITION

## Veterinary Clinical Epidemiology

From Patient to Population



**Ronald D. Smith** University of Illinois College of Veterinary Medicine, Urbana, USA

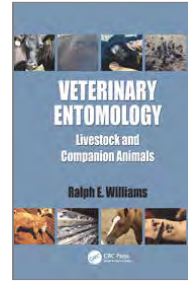
Ideal for veterinary students, residents and clinicians, the fourth edition of this bestselling textbook has been fully updated in line with developments in research and teaching. The logical chapter progression reflects the stages in a clinical case work-up and how epidemiological concepts and methods contribute. This new edition includes self-evaluation questions based on edited clinical research abstracts of online full-text reports, providing a template for student evaluation. The updated book includes guidelines for improving patient and population health outcomes, and detecting emerging diseases through systematic evaluation of patient encounters and electronic medical records.

CRC Press  
October 2019 : 272pp  
Pb: 978-1-138-39242-7 : **£94.99**  
Hb: 978-1-138-39298-4 : **£235**  
eBook: 978-0-429-40219-7

\* For full contents and more information, visit: [www.routledge.com/9781138392427](http://www.routledge.com/9781138392427)

## Veterinary Entomology

Livestock and Companion Animals



**Ralph E. Williams** Purdue University, West Lafayette, Indiana, USA

The first modern text dedicated to veterinary entomology, this work identifies those insects and related arthropods affecting the well being of livestock and companion animals. It provides detailed information on the problems they cause, while also offering guidelines on recommended pest management practices with a special emphasis on current trends and technology. The book covers cattle, swine, sheep and goats, poultry, pet animals, and horses. Written by a leading expert, this book is an excellent resource for all those involved with the handling and research of livestock and companion animals, as well as students in entomology, agricultural, and veterinarian science.

CRC Press  
May 2017 : 376pp  
Pb: 978-1-138-11818-8 : **£83.99**  
Hb: 978-1-420-06849-8 : **£220**  
eBook: 978-0-429-18433-8

\* For full contents and more information, visit: [www.routledge.com/9781138118188](http://www.routledge.com/9781138118188)

## A Professional's Guide to Feline Behaviour

Understanding, Improving and Resolving Problems



**Caroline Clark** Clinical Animal Behaviorist

A Professional's Guide to Feline Behaviour is an invaluable resource for veterinarians, shelter workers, behaviourist and others working cats, while being accessible to anyone who shares their life with a cat and wants to gain a deeper understanding of their behaviour. It offers a greater understanding of cats and how to meet their needs, explains how to deal with challenges that cats face and how to analyse feline behaviour accurately, with a view to designing a tailored behaviour modification plan. Real-life case studies, accompanied with behaviour plans that integrate clinically proven methods, help manage or resolve a range of behaviour issues.

CRC Press  
October 2024 : 332pp  
Pb: 978-1-032-17199-9 : **£38.99**  
Hb: 978-1-032-17204-0 : **£105**  
eBook: 978-1-003-25224-5

\* For full contents and more information, visit: [www.routledge.com/9781032171999](http://www.routledge.com/9781032171999)

## An Introduction to Veterinary Humanities



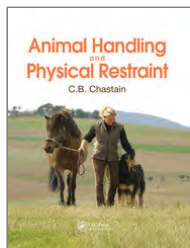
*Edited by* **Alison Skipper, Ruth Serlin, Carol Gray**  
Hartpury Univ.

This book offers new ways to think about these issues through the emerging interdisciplinary field of veterinary humanities. It breaks new ground in bringing together insights from multiple academic perspectives – history, art, ethics, social sciences and many more – to think about veterinary topics in a new way through contributions from over forty authors. Addressing topics from across the veterinary sector, their writing ranges from deeply personal reflections to academic essays. This anthology will be particularly relevant to those training or working in the veterinary sector, whatever the role or level of experience.

CRC Press  
April 2026 : 402pp  
Pb: 978-1-032-42722-5 : **£52.99**  
Hb: 978-1-032-43724-8 : **£200**

\* For full contents and more information, visit: [www.routledge.com/9781032427225](http://www.routledge.com/9781032427225)

## Animal Handling and Physical Restraint



**C. B. Chastain** Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

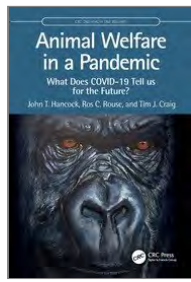
The aim of the book is to prepare future or current veterinarians and veterinary technologists, technicians/nurses, and assistants to be able to handle animals more safely, gain the confidence of animals and their owners, and instruct owners in proper animal handling methods. No handling or restraint of animals is without risk, but proper animal handling and restraint aids in reducing the chance of physical or infectious disease injury to the handler and the animal handled. Minimum-stress handling of farm and ranch animals raised for meat, milk, or fiber also aids the producer in being more humane and gaining greater profitability.

CRC Press  
February 2019 : 408pp  
Pb: 978-0-367-02832-9 : **£46.99**  
Hb: 978-1-498-76193-2 : **£190**  
eBook: 978-1-315-15331-5

\* For full contents and more information, visit: [www.routledge.com/9780367028329](http://www.routledge.com/9780367028329)

## Animal Welfare in a Pandemic

What Does COVID-19 Tell us for the Future?



**John T. Hancock** UWE Bristol, **Ros C. Rouse** UWE Bristol, **Tim J. Craig** UWE Bristol

*Series:* **CRC One Health One Welfare**

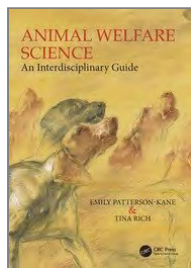
This book explores the impact of COVID-19 on a wide array of animals, from those in the wild to companion and captive animals. During the height of the pandemic, a range of animals were infected, and many died, but this was hard to predict, even using up-to-date bioinformatics. Some of the vast amount of personal protection equipment (PPE) that was distributed was discarded, creating both dangers and occasional opportunities for wild animals. With the rollout of human vaccines, some countries started to developed animal vaccines, only some of which were deployed.

CRC Press  
April 2024 : 250pp  
Pb: 978-1-032-52109-1 : **£50.99**  
Hb: 978-1-032-54734-3 : **£135**  
eBook: 978-1-003-42725-4

\* For full contents and more information, visit: [www.routledge.com/9781032521091](http://www.routledge.com/9781032521091)

## Animal Welfare Science

An Interdisciplinary Guide



**Emily Patterson-Kane, Tina Rich**

From blue skies scientists to front line animal rescue, there is a need for this textbook which distils and interprets the core concepts and language of animal welfare science. Coverage includes the main theories and why we needed them, practical advice for how to assess animal welfare, illustrative examples of different species and the importance of their interactions, and the stresses and strains experienced across an increasingly diverse workforce. Foundational knowledge is combined with real-world examples and recent advances to communicate the content and spirit of this unique field. Sidebars, boxes, bullet points, tables, and copious color illustrations aid accessibility.

CRC Press  
September 2025 : 326pp  
Pb: 978-1-032-44636-3 : **£83.99**  
Hb: 978-1-032-45112-1 : **£105**  
eBook: 978-1-003-37545-6

\* For full contents and more information, visit: [www.routledge.com/9781032446363](http://www.routledge.com/9781032446363)

## Animal-centric Care and Management

Enhancing Refinement in Biomedical Research



*Edited by* **Dorte Bratbo Sørensen, Sylvie Cloutier, Brianna N. Gaskill**  
Canadian Council on Animal Care, **Brianna N. Gaskill**

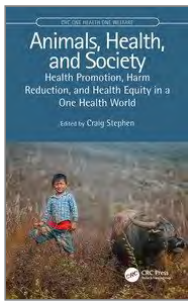
By establishing an animal-centric view on housing and management, this book takes Refinement a step beyond "elimination of inhumanities". Rather than fitting animals into experimental conditions, it aims to adjust conditions to better meet the needs and preferences of the animals. Expert authors address how to define and measure animal welfare, the importance and nature of human-animal interactions, and how to promote a culture of care. Species-specific chapters focus on animals most commonly used as experimental models. This interdisciplinary book hopes to act as a catalyst, resulting in multiple viewpoints collaborating to optimize laboratory animal welfare.

CRC Press  
October 2020 : 204pp  
Pb: 978-0-367-18083-6 : **£46.99**  
Hb: 978-0-367-18102-4 : **£190**  
eBook: 978-0-429-05954-4

\* For full contents and more information, visit: [www.routledge.com/9780367180836](http://www.routledge.com/9780367180836)

## Animals, Health, and Society

Health Promotion, Harm Reduction, and Health Equity in a One Health World



Edited by **Craig Stephen**

Series: *CRC One Health One Welfare*

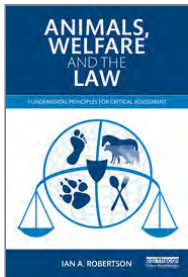
This timely book promotes the positive contributions made to health across species, showing the reader situations wherein we can all, regardless of our job description, work across species, sectors and generations to motivate action. Case studies demonstrate that the principles and practices presented are feasible, empowering people to make choices that concurrently benefit the health of animals, societies and ecosystems. This is necessary reading for students and practitioners in planetary health, conservation, eco-health, health promotion, veterinary medicine and animal welfare.

CRC Press  
December 2020 : 352pp  
Pb: 978-0-367-33622-6 : **£94.99**  
Hb: 978-0-367-64260-0 : **£235**  
eBook: 978-0-429-32087-3

\* For full contents and more information, visit: [www.routledge.com/9780367336226](http://www.routledge.com/9780367336226)

## Animals, Welfare and the Law

Fundamental Principles for Critical Assessment



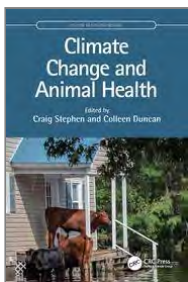
**Ian A. Robertson**

In this objective, practical and authoritative introductory text the author reveals how the fundamental principles of the human-animal relationship drive the development of animal law. The author identifies 29 key principles which constitute the core knowledge necessary for informing animal welfare law. The book also considers animal welfare and law in the context of a global market through discussion of common issues such as climate change, biosecurity, food safety and food supply. It book combines insights from science, ethics and law to provide an essential understanding of what informs society and the law with regards to animals and their welfare.

Routledge  
July 2015 : 300pp  
Pb: 978-0-415-53563-2 : **£52.99**  
Hb: 978-0-415-53562-5 : **£185**  
eBook: 978-0-203-11231-1

\* For full contents and more information, visit: [www.routledge.com/9780415535632](http://www.routledge.com/9780415535632)

## Climate Change and Animal Health



Edited by **Craig Stephen** McEachran Institute, Canada,  
**Colleen Duncan** Colorado State Univ.

Series: *CRC One Health One Welfare*

This benchmark publication brings together information on the current and anticipated effects of climate change on animal health. It empowers educators, managers, practitioners, and researchers by providing evidence, experience, and opinions on what we need to do to prepare for, and cope with, the largest threat ever to have faced animals on this planet. After introducing animal health in a climate change context, chapters look at specific animal health impacts arising from climate change. The book concludes with suggestions on teachable and actionable ideas that could be used to mobilize concepts provided into education or advocacy.

CRC Press  
November 2022 : 334pp  
Pb: 978-0-367-71201-3 : **£51.99**  
Hb: 978-0-367-71202-0 : **£145**  
eBook: 978-1-003-14977-4

\* For full contents and more information, visit: [www.routledge.com/9780367712013](http://www.routledge.com/9780367712013)

## Concise Textbook of Large Animal Handling

A Practical Handbook



**C. B. Chastain** Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

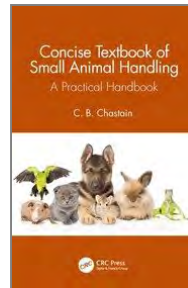
This concise, instructional guide condenses the most important aspects of large animal handling. It provides a portable, durable, beside-the-animal means of learning, as well as a convenient way to refresh on safety and efficacy in animal handling techniques. The text covers handler and animal safety, sanitation, approach and capture, routine handling and release, handling for medical procedures and use of restraint equipment. Important reading for undergraduate veterinary students on EMS rotations, as well as practicing veterinarians, technicians and assistants, the book covers species encountered in farm, equine and laboratory settings.

CRC Press  
June 2023 : 322pp  
Pb: 978-0-367-62809-3 : **£44.99**  
Hb: 978-0-367-62812-3 : **£115**  
eBook: 978-1-003-11091-0

\* For full contents and more information, visit: [www.routledge.com/9780367628093](http://www.routledge.com/9780367628093)

## Concise Textbook of Small Animal Handling

A Practical Handbook



**C. B. Chastain** Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

This instructional pocket reference condenses the most important aspects of small animal handling. It provides a portable, durable means of learning 'on the ground'. Spiralbound for practical use at the animal's side during veterinary placements in a clinic or laboratory, the text covers handler safety, animal safety, sanitation, approach and capture, handling for medical procedures and use and supply sources of restraint equipment. A Companion Website provides additional self-assessment questions and answers to aid learning. Important reading for undergraduate veterinary students as well as practicing technicians, nurses and assistants.

CRC Press  
April 2022 : 242pp  
Pb: 978-0-367-62813-0 : **£35.99**  
Hb: 978-0-367-62814-7 : **£94.99**  
eBook: 978-1-003-11092-7

\* For full contents and more information, visit: [www.routledge.com/9780367628130](http://www.routledge.com/9780367628130)

## Constructing Canine Consent

Conceptualising and adopting a consent-focused relationship with dogs



**Erin Jones** Merit Dog Training, NZ

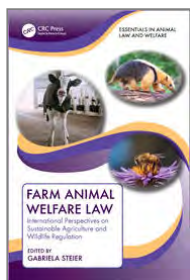
Looking beyond species boundaries can help us not only consider concepts of canine consent and autonomy, but it can also help us to apply these concepts in our everyday interactions with them: fundamental for any professional working with dogs as well as everyday dog caregivers. This canine indexed definition of consent includes a model of five major categories: Touch/interaction-based consent, cooperative-care using learned consent behaviours, activity consent, consent-based learning, and substitutive consent. This book aims to merge the existing literature and new understandings about canine consent to paint a complete picture.

CRC Press  
March 2024 : 138pp  
Pb: 978-1-032-42159-9 : **£28.99**  
Hb: 978-1-032-42167-4 : **£75.99**  
eBook: 978-1-003-36145-9

\* For full contents and more information, visit: [www.routledge.com/9781032421599](http://www.routledge.com/9781032421599)

## Farm Animal Welfare Law

International Perspectives on Sustainable Agriculture and Wildlife Regulation



Edited by **Gabriela Steier** Northeastern Univ.

Series: *Essentials in Animal Law and Welfare*

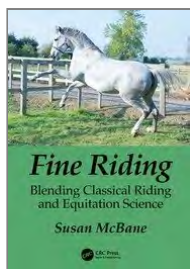
Introducing the various aspects of international farm animal protection and wildlife conservation through the lenses of food safety and environmental protection law, Farm Animal Welfare Law provides a primer for law school courses and masters' programs, for practitioners, advocates, and animal enthusiasts alike. Animal welfare and biodiversity conservation sit at the core of the selected chapters, each one providing real-world examples to make the complex field easy to understand. Current developments including food safety modernization, block chain, and COVID-19 considerations, are addressed head-on.

CRC Press  
August 2023 : 400pp  
Pb: 978-0-367-68476-1 : **£44.99**  
Hb: 978-0-367-68477-8 : **£115**  
eBook: 978-1-003-13773-3

\* For full contents and more information, visit: [www.routledge.com/9780367684761](http://www.routledge.com/9780367684761)

## Fine Riding

Blending Classical Riding and Equitation Science



**Susan McBane**

In precise, practical language, Fine Riding describes how to blend the principles of classical riding with the modern findings of Equitation Science. Applicable to riding of all schools of thought, from hacking to racing, including jumping, McBane applies the results of rigorous scientific studies to the historical, classical training and riding of horses in an ethical, humane and effective way. The book explains the principles of 'fine riding' in such a way that readers will feel able to put them into effect themselves, serving their horses with renewed understanding and commitment.

CRC Press  
September 2021 : 226pp  
Pb: 978-0-367-63894-8 : **£41.99**  
Hb: 978-0-367-63895-5 : **£105**  
eBook: 978-1-003-12119-0

\* For full contents and more information, visit: [www.routledge.com/9780367638948](http://www.routledge.com/9780367638948)

## Health and Welfare of Brachycephalic (Flat-faced) Companion Animals

A Complete Guide for Veterinary and Animal Professionals



Edited by **Rowena Packer** The Royal Veterinary College, **Dan O'Neill** The Royal Veterinary College

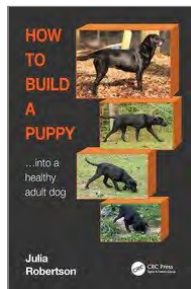
Health and welfare issues relating to brachycephalic (flat-faced) dogs are now one of the most pressing problems facing companion animals. This book aims to equip veterinary professionals, animal welfare scientists, dog breeders and the interested owner with the full story about brachycephalic health and welfare. Cutting-edge knowledge is provided on a range of disciplines including anaesthesia, ophthalmology, dermatology, respiratory disease, neurological, dental, reproduction and weight control. The book offers substantial practical advice for veterinary teams on welfare and ethical issues around choosing, owning and caring for brachycephalic dogs to share with clients.

CRC Press  
August 2021 : 418pp  
Pb: 978-0-367-20724-3 : **£46.99**  
Hb: 978-0-367-20741-0 : **£105**  
eBook: 978-0-429-26323-1

\* For full contents and more information, visit: [www.routledge.com/9780367207243](http://www.routledge.com/9780367207243)

## How to Build a Puppy

Into a Healthy Adult Dog



**Julia Robertson** Galen Myotherapy, UK

Using her world-renowned Galen Myotherapy Puppy Physical Development Plan®, Robertson suggests small but important changes to the way we look after puppies and growing dogs. Environment, exercise and activity habits have deep, ongoing effects and the book explores ways in which positive change can be integrated easily into our normal lives. A section on anatomy explains how everything fits together while practical exercises and activities help build good foundations. This book will help canine professionals better advise their clients, but also empower readers to ask more questions from their vet, breeder, or puppy trainer.

CRC Press  
June 2022 : 288pp  
Pb: 978-1-032-21520-4 : **£25.99**  
Hb: 978-1-032-21521-1 : **£65.99**  
eBook: 978-1-003-26878-9

\* For full contents and more information, visit: [www.routledge.com/9781032215204](http://www.routledge.com/9781032215204)

## How to Raise a Puppy

A Dog-centric Approach



**Stephanie Rousseau, Turid Rugaas**

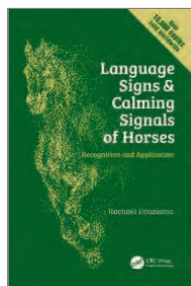
Drawing on research into how dogs naturally rear their young, and how dogs have evolved to behave and spend their time, How to Raise a Puppy supports a new way of sharing our lives with our dogs. It also offers advice on dealing with some of the common challenges people experience with puppies, and tips for managing adolescence. A much-needed resource for dog trainers, veterinarians and behaviourists to recommend to clients, this conveys a powerful message to help overcome all too common issues so many people have with their puppies. Packed with practical advice, it offers an overdue "puppy perspective", with respect for a dog as a sentient being at its core.

CRC Press  
October 2022 : 172pp  
Pb: 978-1-032-30449-6 : **£23.99**  
Hb: 978-1-032-30450-2 : **£36.99**  
eBook: 978-1-003-30515-6

\* For full contents and more information, visit: [www.routledge.com/9781032304496](http://www.routledge.com/9781032304496)

## Language Signs and Calming Signals of Horses

Recognition and Application



**Rachaël Draaisma**

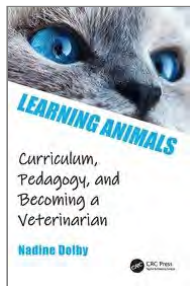
This practical book helps you interpret and connect the physical signals that horses display in response to their environment. These signals are evident in the everyday actions, gestures and attitudes that horses communicate to each other, but are often so subtle that they can go unnoticed by humans. This book aims to rectify that, offering horse lovers and equine professionals an opportunity to gain a unique insight into their 'horse's world', allowing them to calm the horse before his stress rises to an unmanageable level.

CRC Press  
October 2017 : 200pp  
Hb: 978-1-138-07015-8 : **£36.99**  
eBook: 978-1-315-26566-7

\* For full contents and more information, visit: [www.routledge.com/9781138070158](http://www.routledge.com/9781138070158)

## Learning Animals

Curriculum, Pedagogy and Becoming a Veterinarian



**Nadine Dolby** Purdue University, USA

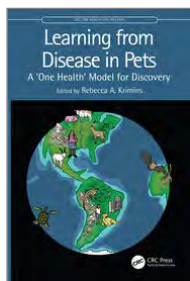
Instead of teachers, society considers veterinarians to be the primary experts about animals. Despite this, the field of education knows very little about veterinary education. What do veterinarians learn in veterinary school? What experiences shape their perceptions of animals? How do the structures, curriculum, and pedagogies of veterinary colleges shape these experiences? This book opens this conversation through the complicated, fascinating stories of a cohort of veterinary students. It shows how what veterinarians learn through their studies influences and shapes how humans relate to animals.

CRC Press  
April 2022 : 176pp  
Pb: 978-1-032-21259-3 : **£25.99**  
Hb: 978-1-032-21781-9 : **£65.99**  
eBook: 978-1-003-26998-4

\* For full contents and more information, visit: [www.routledge.com/9781032212593](http://www.routledge.com/9781032212593)

## Learning from Disease in Pets

A 'One Health' Model for Discovery



**Edited by Rebecca A. Krimins** Johns Hopkins University  
Series: *CRC One Health One Welfare*

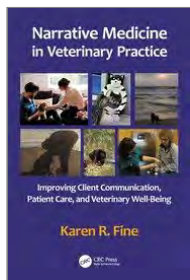
This is the first encompassing guide for veterinarians, researchers and physicians on conducting studies using spontaneous models of disease in animals. Using clinical trials to learn how pets with real disease respond to therapy can lead to breakthroughs in human medicine, as well as benefiting pets suffering from otherwise debilitating illness. The book details how to design a robust clinical study, encouraging veterinarians to build on and disseminate findings. It discusses communication styles, the ethics of using pets in veterinary clinical research, diseases that occur in animals and man, and regulatory requirements.

CRC Press  
November 2020 : 306pp  
Pb: 978-0-367-17310-4 : **£94.99**  
Hb: 978-0-367-17316-6 : **£235**  
eBook: 978-0-429-05617-8

\* For full contents and more information, visit: [www.routledge.com/9780367173104](http://www.routledge.com/9780367173104)

## Narrative Medicine in Veterinary Practice

Improving Client Communication, Patient Care, and Veterinary Well-being



**Karen R. Fine**

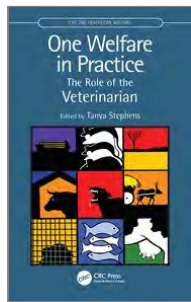
This is the first guide to Veterinary Narrative Medicine, a cutting-edge approach with multiple applications, including improved client communication, medical outcomes, and veterinary wellbeing. It explores techniques and theories from human Narrative Medicine while addressing topics unique to veterinary medicine. Communication with caretakers is vital for veterinarians as the patient cannot speak; veterinary practitioners must consider the stories of human clients as well as animal patients. Awareness of these narratives can also help practitioners set and maintain emotional and work-place boundaries, and decrease burnout and compassion fatigue.

CRC Press  
October 2021 : 210pp  
Pb: 978-0-367-64761-2 : **£30.99**  
Hb: 978-0-367-64763-6 : **£78.99**  
eBook: 978-1-003-12613-3

\* For full contents and more information, visit: [www.routledge.com/9780367647612](http://www.routledge.com/9780367647612)

## One Welfare in Practice

The Role of the Veterinarian



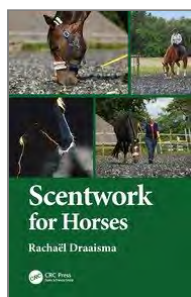
**Edited by Tanya Stephens** Haberfield Veterinary Hospital  
Series: *CRC One Health One Welfare*

The book demonstrates, through a wide range of international case studies, why professional ethics and the use of good evidence is integral to this role. *One Welfare in Practice: The Role of the Veterinarian* emphasises the importance of interdisciplinary collaboration and solutions. It is essential that veterinary practitioners recognise when other professionals need to be consulted to benefit both animals and humans. With its multiple, fascinating approaches to One Welfare, this book will inform and inspire the veterinarian to find areas where collaborative action reaps the greatest rewards. This unique book shows how veterinarians can improve animal and human welfare.

CRC Press  
October 2021 : 414pp  
Pb: 978-0-367-90406-7 : **£50.99**  
Hb: 978-1-032-11078-3 : **£125**  
eBook: 978-1-003-21833-3

\* For full contents and more information, visit: [www.routledge.com/9780367904067](http://www.routledge.com/9780367904067)

## Scentwork for Horses



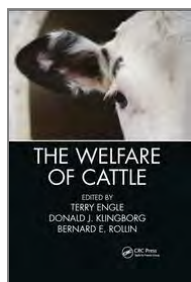
**Rachaël Draaisma**

This is the first practical guide on how to implement scentwork into the lives of domesticated horses, enhancing behaviour, welfare and the human-animal bond. Draaisma demonstrates how scentwork improves the horse's learning abilities, development, socialisation and their bond with the handler, showing how to have your horse explore their environment, participate in scentwork games and follow a footstep track. Whether veterinarian, behaviourist, trainer, animal-assisted therapist, equine physiotherapist or horse owner, this book promises to bring both you and your horse enormous benefits.

CRC Press  
December 2020 : 286pp  
Pb: 978-0-367-53760-9 : **£35.99**  
Hb: 978-0-367-55298-5 : **£94.99**  
eBook: 978-1-003-09284-1

\* For full contents and more information, visit: [www.routledge.com/9780367537609](http://www.routledge.com/9780367537609)

## The Welfare of Cattle



**Edited by Terry Engle, Donald J. Klingborg, DVM** School of Veterinary Medicine, University of California, Davis, USA, **Bernard E. Rollin** Colorado State University, Fort Collins, USA

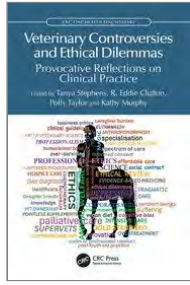
The *Welfare of Cattle* offers an accurate, detailed account of the ethical and welfare concerns related to the human use of cattle. Covering both beef and dairy cattle, it provides in-depth information on the husbandry roots of traditional agriculture, the replacement of this system by an industrial model, and the resulting welfare challenges associated with feedlots, highly industrialized dairies, and slaughterhouses killing huge numbers of animals who have been transported great distances.

CRC Press  
March 2020 : 368pp  
Pb: 978-0-367-89349-1 : **£65.99**  
Hb: 978-1-138-19706-0 : **£185**  
eBook: 978-1-315-28245-9

\* For full contents and more information, visit: [www.routledge.com/9780367893491](http://www.routledge.com/9780367893491)

## Veterinary Controversies and Ethical Dilemmas

Provocative Reflections on Clinical Practice



Edited by **Tanya Stephens** Haberfield Veterinary Hospital, **R. Eddie Clutton** Edinburgh University, **Polly Taylor** Topcat Metrology Ltd, **Kathy Murphy** Barking Brains Ltd.

Series: *CRC One Health One Welfare*

This book identifies increasing concerns with the veterinary profession and confronts them provocatively, with a view to stimulating positive change. With experienced contributors from around the world, each chapter combines personal story with evidence-based reflections. The book identifies key concerns with the profession's current trajectory and presents them with candour, from the perspective of concerned veterinarians. Ideal for use within the veterinary curriculum to stimulate undergraduate thought and discussion, this book will also be a valuable reference for practitioners as the veterinary profession comes to terms with life in a post-truth era.

CRC Press

September 2025 : 420pp

Pb: 978-1-032-57986-3 : **£31.99**

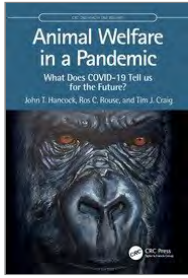
Hb: 978-1-032-58260-3 : **£78.99**

eBook: 978-1-003-44930-0

\* For **full contents** and more information, visit: [www.routledge.com/9781032579863](http://www.routledge.com/9781032579863)

## Animal Welfare in a Pandemic

What Does COVID-19 Tell us for the Future?



**John T. Hancock** UWE Bristol, **Ros C. Rouse** UWE Bristol,  
**Tim J. Craig** UWE Bristol

Series: *CRC One Health One Welfare*

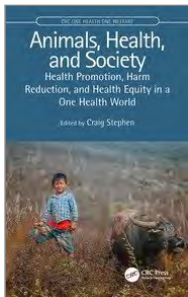
This book explores the impact of COVID-19 on a wide array of animals, from those in the wild to companion and captive animals. During the height of the pandemic, a range of animals were infected, and many died, but this was hard to predict, even using up-to-date bioinformatics. Some of the vast amount of personal protection equipment (PPE) that was distributed was discarded, creating both dangers and occasional opportunities for wild animals. With the rollout of human vaccines, some countries started to develop animal vaccines, only some of which were deployed.

CRC Press  
April 2024 : 250pp  
Pb: 978-1-032-52109-1 : **£50.99**  
Hb: 978-1-032-54734-3 : **£135**  
eBook: 978-1-003-42725-4

\* For full contents and more information, visit: [www.routledge.com/9781032521091](http://www.routledge.com/9781032521091)

## Animals, Health, and Society

Health Promotion, Harm Reduction, and Health Equity in a One Health World



Edited by **Craig Stephen**

Series: *CRC One Health One Welfare*

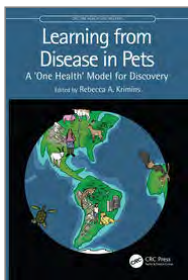
This timely book promotes the positive contributions made to health across species, showing the reader situations wherein we can all, regardless of our job description, work across species, sectors and generations to motivate action. Case studies demonstrate that the principles and practices presented are feasible, empowering people to make choices that concurrently benefit the health of animals, societies and ecosystems. This is necessary reading for students and practitioners in planetary health, conservation, eco-health, health promotion, veterinary medicine and animal welfare.

CRC Press  
December 2020 : 352pp  
Pb: 978-0-367-33622-6 : **£94.99**  
Hb: 978-0-367-64260-0 : **£235**  
eBook: 978-0-429-32087-3

\* For full contents and more information, visit: [www.routledge.com/9780367336226](http://www.routledge.com/9780367336226)

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Series: *CRC One Health One Welfare*

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CRC Press  
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Pb: 978-0-367-17310-4 : **£94.99**  
Hb: 978-0-367-17316-6 : **£235**  
eBook: 978-0-429-05617-8

\* For full contents and more information, visit: [www.routledge.com/9780367173104](http://www.routledge.com/9780367173104)

## A Professional's Guide to Feline Behaviour

Understanding, Improving and Resolving Problems



**Caroline Clark** Clinical Animal Behaviorist

A Professional's Guide to Feline Behaviour is an invaluable resource for veterinarians, shelter workers, behaviourist and others working cats, while being accessible to anyone who shares their life with a cat and wants to gain a deeper understanding of their behaviour. It offers a greater understanding of cats and how to meet their needs, explains how to deal with challenges that cats face and how to analyse feline behaviour accurately, with a view to designing a tailored behaviour modification plan. Real-life case studies, accompanied with behaviour plans that integrate clinically proven methods, help manage or resolve a range of behaviour issues.

CRC Press  
October 2024 : 332pp  
Pb: 978-1-032-17199-9 : **£38.99**  
Hb: 978-1-032-17204-0 : **£105**  
eBook: 978-1-003-25224-5

\* For full contents and more information, visit: [www.routledge.com/9781032171999](http://www.routledge.com/9781032171999)

## Concise Textbook of Large Animal Handling

A Practical Handbook



**C. B. Chastain** Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

This concise, instructional guide condenses the most important aspects of large animal handling. It provides a portable, durable, beside-the-animal means of learning, as well as a convenient way to refresh on safety and efficacy in animal handling techniques. The text covers handler and animal safety, sanitation, approach and capture, routine handling and release, handling for medical procedures and use of restraint equipment. Important reading for undergraduate veterinary students on EMS rotations, as well as practicing veterinarians, technicians and assistants, the book covers species encountered in farm, equine and laboratory settings.

CRC Press  
June 2023 : 322pp  
Pb: 978-0-367-62809-3 : **£44.99**  
Hb: 978-0-367-62812-3 : **£115**  
eBook: 978-1-003-11091-0

\* For full contents and more information, visit: [www.routledge.com/9780367628093](http://www.routledge.com/9780367628093)

## An Introduction to Veterinary Humanities



*Edited by* **Alison Skipper**, **Ruth Serlin**, **Carol Gray**  
Hartpury Univ.

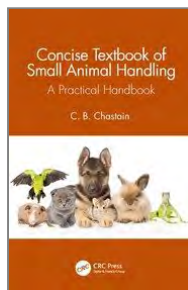
This book offers new ways to think about these issues through the emerging interdisciplinary field of veterinary humanities. It breaks new ground in bringing together insights from multiple academic perspectives – history, art, ethics, social sciences and many more – to think about veterinary topics in a new way through contributions from over forty authors. Addressing topics from across the veterinary sector, their writing ranges from deeply personal reflections to academic essays. This anthology will be particularly relevant to those training or working in the veterinary sector, whatever the role or level of experience.

CRC Press  
April 2026 : 402pp  
Pb: 978-1-032-42722-5 : **£52.99**  
Hb: 978-1-032-43724-8 : **£200**

\* For full contents and more information, visit: [www.routledge.com/9781032427225](http://www.routledge.com/9781032427225)

## Concise Textbook of Small Animal Handling

A Practical Handbook



**C. B. Chastain** Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

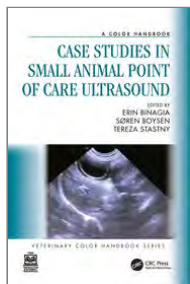
This instructional pocket reference condenses the most important aspects of small animal handling. It provides a portable, durable means of learning 'on the ground'. Spiralbound for practical use at the animal's side during veterinary placements in a clinic or laboratory, the text covers handler safety, animal safety, sanitation, approach and capture, handling for medical procedures and use and supply sources of restraint equipment. A Companion Website provides additional self-assessment questions and answers to aid learning. Important reading for undergraduate veterinary students as well as practicing technicians, nurses and assistants.

CRC Press  
April 2022 : 242pp  
Pb: 978-0-367-62813-0 : **£35.99**  
Hb: 978-0-367-62814-7 : **£94.99**  
eBook: 978-1-003-11092-7

\* For full contents and more information, visit: [www.routledge.com/9780367628130](http://www.routledge.com/9780367628130)

## Case Studies in Small Animal Point of Care Ultrasound

A Color Handbook



*Edited by* **Erin Binagia** Michigan State Univ., **Soren Boysen** Calgary Univ., **Tereza Stastny** Arizona Veterinary, Emergency and Critical Care Centre

*Series:* *Veterinary Color Handbook Series*

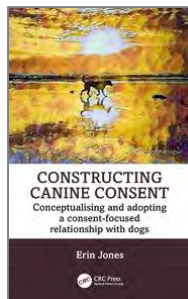
This illustrated practical guide covers the many facets of small animal point of care ultrasound (POCUS) using clinical cases commonly seen in practice. It details specific point of care ultrasound techniques, views, interpretations, pitfalls and knowledge gaps, highlighting the utility initial and serial point of care ultrasound for both diagnostic and patient management purposes. Focusing on commonly asked questions and applications, the authors take a binary question approach to veterinary POCUS, shown to decrease errors in human POCUS. The ideal reference for small animal and mixed practitioners and students, accompanying videos can be accessed by QR codes in the text.

CRC Press  
March 2025 : 440pp  
Pb: 978-0-367-54725-7 : **£97.99**  
Hb: 978-1-032-56656-6 : **£255**  
eBook: 978-1-003-43669-0

\* For full contents and more information, visit: [www.routledge.com/9780367547257](http://www.routledge.com/9780367547257)

## Constructing Canine Consent

Conceptualising and adopting a consent-focused relationship with dogs



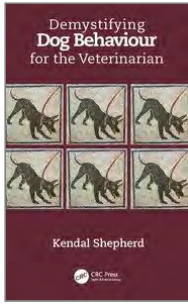
**Erin Jones** Merit Dog Training, NZ

Looking beyond species boundaries can help us not only consider concepts of canine consent and autonomy, but it can also help us to apply these concepts in our everyday interactions with them: fundamental for any professional working with dogs as well as everyday dog caregivers. This canine indexed definition of consent includes a model of five major categories: Touch/interaction-based consent, cooperative-care using learned consent behaviours, activity consent, consent-based learning, and substitutive consent. This book aims to merge the existing literature and new understandings about canine consent to paint a complete picture.

CRC Press  
March 2024 : 138pp  
Pb: 978-1-032-42159-9 : **£28.99**  
Hb: 978-1-032-42167-4 : **£75.99**  
eBook: 978-1-003-36145-9

\* For full contents and more information, visit: [www.routledge.com/9781032421599](http://www.routledge.com/9781032421599)

## Demystifying Dog Behaviour for the Veterinarian



**Kendal Shepherd** Royal College of Veterinary Surgeons

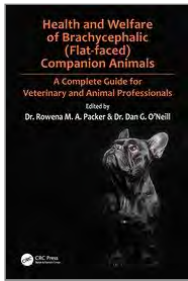
This practical guide for busy veterinarians demystifies canine behaviour while emphasising its importance. Authored by acclaimed veterinary behaviour consultant Kendal Shepherd, the book provides practical knowledge of dog behaviour and an understanding of how to talk about it with clients. Shepherd shows how this can enhance the relationship between owner and pet and between dog and environment as well as improve the vet's own sense of fulfilment and enjoyment of practice. Packed with anecdotes drawn from real-life cases, the principles can be effortlessly assimilated into the average consultation.

CRC Press  
April 2021 : 216pp  
Pb: 978-0-367-54991-6 : **£28.99**  
Hb: 978-0-367-71639-4 : **£190**  
eBook: 978-1-003-15303-0

\* For full contents and more information, visit: [www.routledge.com/9780367549916](http://www.routledge.com/9780367549916)

## Health and Welfare of Brachycephalic (Flat-faced) Companion Animals

A Complete Guide for Veterinary and Animal Professionals



**Edited by Rowena Packer** The Royal Veterinary College,  
**Dan O'Neill** The Royal Veterinary College

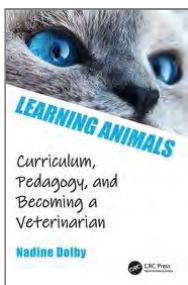
Health and welfare issues relating to brachycephalic (flat-faced) dogs are now one of the most pressing problems facing companion animals. This book aims to equip veterinary professionals, animal welfare scientists, dog breeders and the interested owner with the full story about brachycephalic health and welfare. Cutting-edge knowledge is provided on a range of disciplines including anaesthesia, ophthalmology, dermatology, respiratory disease, neurological, dental, reproduction and weight control. The book offers substantial practical advice for veterinary teams on welfare and ethical issues around choosing, owning and caring for brachycephalic dogs to share with clients.

CRC Press  
August 2021 : 418pp  
Pb: 978-0-367-20724-3 : **£46.99**  
Hb: 978-0-367-20741-0 : **£105**  
eBook: 978-0-429-26323-1

\* For full contents and more information, visit: [www.routledge.com/9780367207243](http://www.routledge.com/9780367207243)

## Learning Animals

Curriculum, Pedagogy and Becoming a Veterinarian



**Nadine Dolby** Purdue University, USA

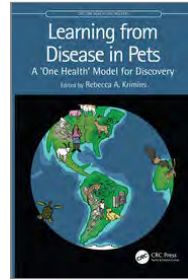
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CRC Press  
April 2022 : 176pp  
Pb: 978-1-032-21259-3 : **£25.99**  
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**Edited by Rebecca A. Krimins** Johns Hopkins University

Series: *CRC One Health One Welfare*

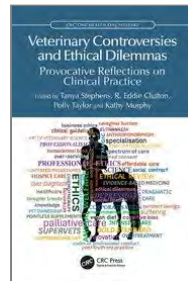
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November 2020 : 306pp  
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\* For full contents and more information, visit: [www.routledge.com/9780367173104](http://www.routledge.com/9780367173104)

## Veterinary Controversies and Ethical Dilemmas

Provocative Reflections on Clinical Practice



**Edited by Tanya Stephens** Haberfield Veterinary Hospital,  
**R. Eddie Clutton** Edinburgh University, **Polly Taylor**  
Topcat Metrology Ltd, **Kathy Murphy** Barking Brains Ltd.

Series: *CRC One Health One Welfare*

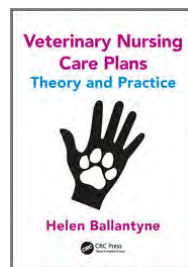
This book identifies increasing concerns with the veterinary profession and confronts them provocatively, with a view to stimulating positive change. With experienced contributors from around the world, each chapter combines personal story with evidence-based reflections. The book identifies key concerns with the profession's current trajectory and presents them with candour, from the perspective of concerned veterinarians. Ideal for use within the veterinary curriculum to stimulate undergraduate thought and discussion, this book will also be a valuable reference for practitioners as the veterinary profession comes to terms with life in a post-truth era.

CRC Press  
September 2025 : 420pp  
Pb: 978-1-032-57986-3 : **£31.99**  
Hb: 978-1-032-58260-3 : **£78.99**  
eBook: 978-1-003-44930-0

\* For full contents and more information, visit: [www.routledge.com/9781032579863](http://www.routledge.com/9781032579863)

## Veterinary Nursing Care Plans

Theory and Practice



**Helen Ballantyne**

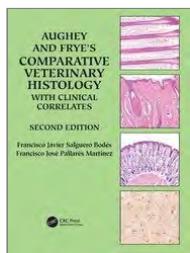
This book offers a broad overview of the theory and practice of care planning in veterinary nursing, answering three key questions: What are nursing care plans? Why should nursing care plans be used in practice? How should nursing care plans be used in practice? It provides basic definitions and explanations, the philosophical and theoretical aspects of nursing, and draws comparisons and contrasts between the veterinary and human nursing roles and contexts. There is a pressing need for veterinary nurses to establish themselves as professionals and develop their unique role within the veterinary care team. Nursing care plans are a core tool to support that development.

CRC Press  
February 2018 : 160pp  
Pb: 978-1-498-77866-4 : **£35.99**  
Hb: 978-1-138-57810-4 : **£200**  
eBook: 978-1-315-15504-3

\* For full contents and more information, visit: [www.routledge.com/9781498778664](http://www.routledge.com/9781498778664)

2ND EDITION

## Aughey and Frye's Comparative Veterinary Histology with Clinical Correlates



**Francisco Javier Salguero Bodes** Public Health England, **Francisco Jose Pallares Martinez** Murcia Univ.

Organized by body system, the new edition of this highly illustrated textbook covers the normal histological appearance of tissues in a wide range of animals, with relevant clinical correlates emphasizing the need to appreciate the normal in order to recognize the abnormal. In this update by two experienced veterinary pathologists and histology lecturers, new species, such as other companion mammals, aquatic species and livestock, are introduced into each chapter along with a wealth of new high-quality images. A new chapter covers epithelial tissue and new techniques used in histology and histopathology are discussed throughout, including ISH and digital image analysis.

CRC Press  
April 2023 : 268pp  
Pb: 978-1-032-36448-3 : **£60.99**  
Hb: 978-1-032-36797-2 : **£165**  
eBook: 978-1-003-33380-7

\* For full contents and more information, visit: [www.routledge.com/9781032364483](http://www.routledge.com/9781032364483)

2ND EDITION

## Cardiovascular Disease in Companion Animals

Dog, Cat and Horse



**Wendy A. Ware** Iowa State University, Ames, USA, **John D. Bonagura** The Ohio State University College of Veterinary Medicine, Columbus, USA

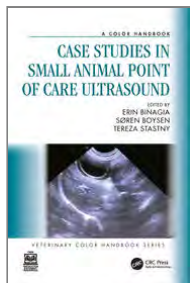
This new edition of Cardiovascular Disease in Companion Animals now covers the horse as well as small animals. The book has been completely revised, expanded into five key sections, and contains a new Summary Formulary at end. Since first publication in 2007, Dr Ware's authoritative yet user-friendly guide to cardiovascular diseases and disorders in veterinary practice has been widely praised. Coverage includes evaluation techniques, investigative procedures, diagnosis, medical and surgical management options and methods. This second edition is a must-have for general practitioners, veterinary students, and residents.

CRC Press  
August 2021 : 966pp  
Hb: 978-1-482-24622-3 : **£200**  
eBook: 978-0-429-18663-9

\* For full contents and more information, visit: [www.routledge.com/9781482246223](http://www.routledge.com/9781482246223)

## Case Studies in Small Animal Point of Care Ultrasound

A Color Handbook



*Edited by* **Erin Binagia** Michigan State Univ., **Soren Boysen** Calgary Univ., **Tereza Stastny** Arizona Veterinary, Emergency and Critical Care Centre

*Series: Veterinary Color Handbook Series*

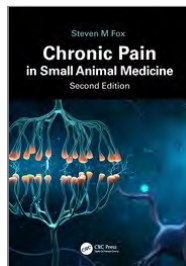
This illustrated practical guide covers the many facets of small animal point of care ultrasound (POCUS) using clinical cases commonly seen in practice. It details specific point of care ultrasound techniques, views, interpretations, pitfalls and knowledge gaps, highlighting the utility initial and serial point of care ultrasound for both diagnostic and patient management purposes. Focusing on commonly asked questions and applications, the authors take a binary question approach to veterinary POCUS, shown to decrease errors in human POCUS. The ideal reference for small animal and mixed practitioners and students, accompanying videos can be accessed by QR codes in the text.

CRC Press  
March 2025 : 440pp  
Pb: 978-0-367-54725-7 : **£97.99**  
Hb: 978-1-032-56656-6 : **£255**  
eBook: 978-1-003-43669-0

\* For full contents and more information, visit: [www.routledge.com/9780367547257](http://www.routledge.com/9780367547257)

2ND EDITION

## Chronic Pain in Small Animal Medicine



**Steven M. Fox** SECUROS - a division of MWI, Clive, Iowa, USA

Over the past decade, many advances have been made in the discipline of pain management, including embracement under the One Medicine initiative to improve the health and well-being of multiple species. Contributing significantly to this progress is the evidence base provided by multimodal management of chronic diseases such as osteoarthritis, a leading cause of pet euthanasia. These advances are explored in this updated edition, which goes beyond common protocols by focusing on the latest evidence and our understanding of 'why and how to treat'.

CRC Press  
August 2023 : 294pp  
Pb: 978-1-032-45144-2 : **£86.99**  
Hb: 978-1-032-45316-3 : **£225**  
eBook: 978-1-003-37642-2

\* For full contents and more information, visit: [www.routledge.com/9781032451442](http://www.routledge.com/9781032451442)

4TH EDITION

## Clinical Medicine of the Dog and Cat



*Edited by* **Michael Schaer** University of Florida, College of Veterinary Medicine, USA, **Frederic Gaschen** School of Veterinary Medicine, Louisiana State University, **Stuart Walton**

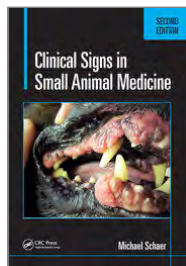
This fourth edition remains the most extensively illustrated and practical small animal veterinary medicine textbook available. It continues and expands on the revolutionary approach of the previous three editions, now including more than 1100 highly relevant clinical colour photographs, diagrams, and tables. The practical information is presented with text, tables, and algorithms, while each chapter is arranged to provide the definition of each disorder, its clinical features, the differential diagnoses, the diagnostic methodology, and the treatment and prognosis.

CRC Press  
October 2022 : 1098pp  
Hb: 978-1-032-16894-4 : **£155**  
eBook: 978-1-003-25459-1

\* For full contents and more information, visit: [www.routledge.com/9781032168944](http://www.routledge.com/9781032168944)

2ND EDITION

## Clinical Signs in Small Animal Medicine



**Michael Schaer D.V.M.** University of Florida, College of Veterinary Medicine, USA

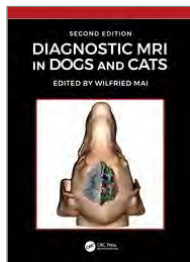
This new edition of the bestselling Clinical Signs in Small Animal Medicine presents 800 all new color photographs of the highest quality, with detailed captions that focus on key pointers to diagnosis and treatment. The book is organised into chapters by body system, each beginning with a list of 'Clinical Pearls'. These amusing and accurate key points will be invaluable when considering conditions or highlighting common concerns. Within each chapter, the superb photographs of real cases are annotated with brief, key information that provides a succinct and useful reminder of lessons learned.

CRC Press  
September 2016 : 248pp  
Pb: 978-1-498-76684-5 : **£71.99**  
eBook: 978-1-315-38035-3

\* For full contents and more information, visit: [www.routledge.com/9781498766845](http://www.routledge.com/9781498766845)

2ND EDITION

## Diagnostic MRI in Dogs and Cats



Edited by **Wilfried Mai** Univ, of Pennsylvania

Making the vast and complex topic of clinical MRI in small animals accessible to all veterinarians, this remains the first reference textbook to provide a comprehensive, image-rich overview of the current knowledge, focusing on imaging appearance rather than on clinical signs or treatment. MRI images from low, mid, and high-field magnets reflect the diversity of equipment used today. This second edition reflects our broader understanding of MRI's clinical utility, bringing in the latest research, additional or better case examples, and refinements that reflect how far the field has come. It includes five new chapters and replacement of many lower resolution images.

CRC Press  
June 2026 : 918pp  
Hb: 978-1-032-55064-0 : £245

\* For full contents and more information, visit: [www.routledge.com/9781032550640](http://www.routledge.com/9781032550640)

## Health and Welfare of Brachycephalic (Flat-faced) Companion Animals

A Complete Guide for Veterinary and Animal Professionals



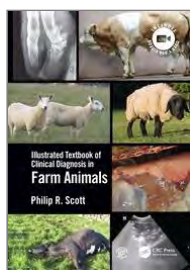
Edited by **Rowena Packer** The Royal Veterinary College, **Dan O'Neill** The Royal Veterinary College

Health and welfare issues relating to brachycephalic (flat-faced) dogs are now one of the most pressing problems facing companion animals. This book aims to equip veterinary professionals, animal welfare scientists, dog breeders and the interested owner with the full story about brachycephalic health and welfare. Cutting-edge knowledge is provided on a range of disciplines including anaesthesia, ophthalmology, dermatology, respiratory disease, neurological, dental, reproduction and weight control. The book offers substantial practical advice for veterinary teams on welfare and ethical issues around choosing, owning and caring for brachycephalic dogs to share with clients.

CRC Press  
August 2021 : 418pp  
Pb: 978-0-367-20724-3 : £46.99  
Hb: 978-0-367-20741-0 : £105  
eBook: 978-0-429-26323-1

\* For full contents and more information, visit: [www.routledge.com/9780367207243](http://www.routledge.com/9780367207243)

## Illustrated Textbook of Clinical Diagnosis in Farm Animals



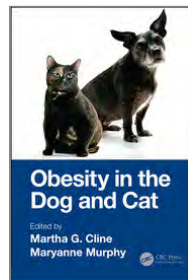
Edited by **Philip R Scott** Edinburgh Veterinary School

Providing veterinary students with a brand-new approach to large animal medicine, this portable textbook first describes the detailed examination of each organ system achievable on the farm, illustrated via 2000+ unique images and 1000+ video recordings. Key points, images and video recordings then provide differential diagnoses for common farm animal clinical presentations. The repository of video clips show the clinical presentation, diagnosis, recovery or pathology of all common disorders. Small and spiral-bound, the book offers a lifeline for veterinary students during their EMS (extra-mural studies) placements.

CRC Press  
August 2022 : 414pp  
Pb: 978-0-367-61270-2 : £65.99  
Hb: 978-1-032-19750-0 : £170  
eBook: 978-1-003-10645-6

\* For full contents and more information, visit: [www.routledge.com/9780367612702](http://www.routledge.com/9780367612702)

## Obesity in the Dog and Cat



Edited by **Martha G. Cline** Red Bank Veterinary Hospital, Tinton Falls, New Jersey, USA, **Maryanne Murphy** University of Tennessee

A complete, balanced diet is one of the fundamental aspects to optimizing health and longevity in companion animals, yet obesity in dogs and cats is becoming a major problem. This book provides a comprehensive review of obesity in small animal medicine with clinical application to veterinarians seeking to provide weight management services in practice. With multiple authors from both academic and practice backgrounds, the chapters cover topics ranging from epidemiology and pathophysiology of obesity to evaluation of body composition, and nutritional and behavioural management, as well as role of exercise in managing obesity. Case studies demonstrate these topics in practice.

CRC Press  
May 2019 : 234pp  
Pb: 978-1-498-74147-7 : £48.99  
Hb: 978-0-367-20520-1 : £185  
eBook: 978-1-315-15162-5

\* For full contents and more information, visit: [www.routledge.com/9781498741477](http://www.routledge.com/9781498741477)

2ND EDITION

## Pocket Handbook of Small Animal Medicine



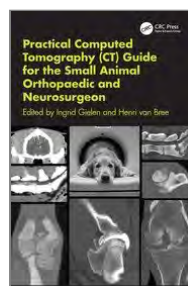
Edited by **Kit Sturges** Vet Freedom Ltd, Hampshire, UK

Concise and problem-oriented, this second edition focuses on the essentials of medicine and surgery of the dog and cat. Packed with bullet points, flowcharts and tables for quick reference, the book helps start the process of case management and resolution. It includes tips and hints on interpretation of physical signs, diagnostic tests and management of common presenting conditions. Full colour algorithms assist decision-making, specifically in clinical presentations and critical care. The new edition is completely updated and contains important new sections on client communication and professional conduct, mental health and wellbeing, therapeutics and common procedures.

CRC Press  
March 2025 : 224pp  
Pb: 978-1-498-75877-2 : £56.99  
Hb: 978-1-032-73231-2 : £165  
eBook: 978-0-429-18678-3

\* For full contents and more information, visit: [www.routledge.com/9781498758772](http://www.routledge.com/9781498758772)

## Practical Computed Tomography (CT) Guide for the Small Animal Orthopaedic and Neurosurgeon



Edited by **Ingrid Gielen** Ghent University, Merelbeke, Belgium, **Henri van Bree** Ghent University, Merelbeke, Belgium

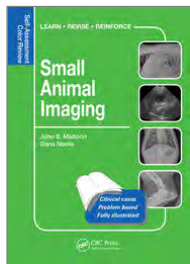
More clinics and large practices are investing in Computed Tomography (CT) equipment, meaning veterinary surgeons are often confronted with unfamiliar technical challenges like positioning and handling of the equipment. Even after obtaining the CT images, the interpretation can often be confusing. Split into two parts, looking first at the principles of CT and then drilling down to specific procedures by body region, this book is packed with over 200 high quality images, practical protocols and easy-to-locate information. It provides much needed support in choosing the right equipment, providing the exact protocol and coming to a final diagnosis.

CRC Press  
April 2026 : 426pp  
Hb: 978-1-482-22588-4 : £170  
eBook: 978-1-315-11813-0

\* For full contents and more information, visit: [www.routledge.com/9781482225884](http://www.routledge.com/9781482225884)

## Small Animal Imaging

Self-Assessment Review



**John S. Mattoon** Adjunct Professor of Radiology, College of Veterinary Medicine, Washington State University, USA,  
**Dana Neelis**

Series: *Veterinary Self-Assessment Color Review Series*

Presented in an easy-to-read format, *Small Animal Imaging: Self-Assessment Color Review* offers a case-based approach to reviewing and interpreting images and developing a differential diagnosis when necessary. Nearly 200 cases are presented, each beginning with the patient's age, gender, breed, and species. The reason the patient was brought to the clinic is discussed along with preliminary examination and diagnostic test findings. Supporting high-quality images are also presented with each case. A separate section presents detailed answers including information on the radiographic findings, radiographic diagnosis, comments, and notes on whether further imaging or evaluation is needed.

CRC Press

March 2018 : 280pp

Pb: 978-1-482-22520-4 : £46.99

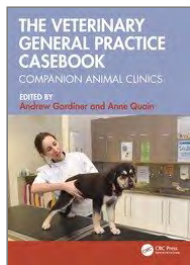
Hb: 978-1-138-09149-8 : £200

eBook: 978-1-315-38186-2

\* For full contents and more information, visit: [www.routledge.com/9781482225204](http://www.routledge.com/9781482225204)

## The Veterinary General Practice Casebook

Companion Animal Clinics



Edited by **Andrew Gardiner** University of Edinburgh,  
**Anne Quain** Sydney School of Veterinary Sc.

The Vet GP Casebook echoes life at the coal face of companion animal practice. Organised into 'clinics', each chapter feels like a day in the life of a busy general practitioner, where emergencies are juggled with routine consultations. Ideal for senior veterinary students, graduates, those returning to practice, and those seeking a GP workout, this book presents cases as they appear in real life, often messier and less complete than textbook descriptions. The clinical content is complemented by topics on wellbeing and professional practice, as well as recipes for simple and nutritious meals to feed veterinary body and soul.

CRC Press

February 2025 : 360pp

Pb: 978-1-032-24376-4 : £68.99

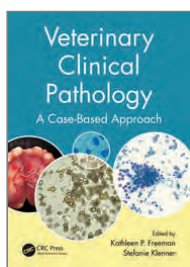
Hb: 978-1-032-24377-1 : £170

eBook: 978-1-003-27830-6

\* For full contents and more information, visit: [www.routledge.com/9781032243764](http://www.routledge.com/9781032243764)

## Veterinary Clinical Pathology

A Case-Based Approach



Edited by **Kathleen P. Freeman** Kathleen P. Freeman DVM BS MS PhD DipECVCP FRCPath MRCVS RCVS Specialist in Veterinary Pathology (Clinical Pathology), European Veterinary Specialist in Clinical Pathology, IDEXX Laboratories, UK, **Stefanie Klenner** Stefanie Klenner, Dr.med.vet, DipECVCP European Veterinary Specialist in Clinical Pathology scil animal care company GmbH, Viernheim, Germany

Presenting 200 cases and questions for those interested in improving their skills in veterinary clinical pathology, this book emphasises an understanding of the basic pathophysiologic mechanisms of disease, differential diagnoses and a recognition of patterns associated with various diseases or conditions. Topics discussed include haematology, clinical chemistry, endocrinology, acid-base and blood gas analysis, haemostasis, urinalysis, biological variation and quality control. Species covered include the cat, dog and horse, with additional material on ruminants.

CRC Press

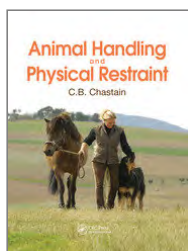
June 2015 : 288pp

Pb: 978-1-482-22587-7 : £65.99

eBook: 978-0-429-15872-8

\* For full contents and more information, visit: [www.routledge.com/9781482225877](http://www.routledge.com/9781482225877)

## Animal Handling and Physical Restraint



**C. B. Chastain** Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

The aim of the book is to prepare future or current veterinarians and veterinary technologists, technicians/nurses, and assistants to be able to handle animals more safely, gain the confidence of animals and their owners, and instruct owners in proper animal handling methods. No handling or restraint of animals is without risk, but proper animal handling and restraint aids in reducing the chance of physical or infectious disease injury to the handler and the animal handled. Minimum-stress handling of farm and ranch animals raised for meat, milk, or fiber also aids the producer in being more humane and gaining greater profitability.

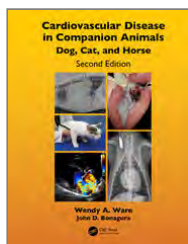
CRC Press  
February 2019 : 408pp  
Pb: 978-0-367-02832-9 : **£46.99**  
Hb: 978-1-498-76193-2 : **£190**  
eBook: 978-1-315-15331-5

\* For full contents and more information, visit: [www.routledge.com/9780367028329](http://www.routledge.com/9780367028329)

2ND EDITION

## Cardiovascular Disease in Companion Animals

Dog, Cat and Horse



**Wendy A. Ware** Iowa State University, Ames, USA, **John D. Bonagura** The Ohio State University College of Veterinary Medicine, Columbus, USA

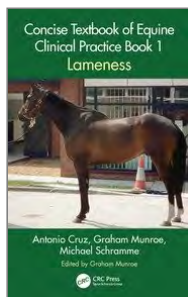
This new edition of Cardiovascular Disease in Companion Animals now covers the horse as well as small animals. The book has been completely revised, expanded into five key sections, and contains a new Summary Formulary at end. Since first publication in 2007, Dr Ware's authoritative yet user-friendly guide to cardiovascular diseases and disorders in veterinary practice has been widely praised. Coverage includes evaluation techniques, investigative procedures, diagnosis, medical and surgical management options and methods. This second edition is a must-have for general practitioners, veterinary students, and residents.

CRC Press  
August 2021 : 966pp  
Hb: 978-1-482-24622-3 : **£200**  
eBook: 978-0-429-18663-9

\* For full contents and more information, visit: [www.routledge.com/9781482246223](http://www.routledge.com/9781482246223)

## Concise Textbook of Equine Clinical Practice Book 1

Lameness



**Antonio Cruz** Justus Liebig Univ. Giessen, **Graham Munroe** Cambridge Veterinary School, **Michael Schramme** Royal College of Vet. Surgeons

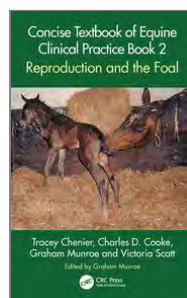
This concise, practical text covers the essential information veterinary students need to succeed in Equine practice, focussing on lameness. Written for an international readership, the book conveys the core information in an easily digestible, precise form with extensive use of bullet-points, lists, protocols and extensive illustration (over 650 full colour, high quality photographs and radiographs). Part of a five-book series that extracts key information from Munroe's Equine Surgery, Reproduction and Medicine, the book distils best practice in a logical clinical-based approach. The spiralbound format allows the book to lie open during practice.

CRC Press  
October 2023 : 364pp  
Pb: 978-1-032-06614-1 : **£62.99**  
Hb: 978-1-032-43886-3 : **£165**  
eBook: 978-1-003-36922-6

\* For full contents and more information, visit: [www.routledge.com/9781032066141](http://www.routledge.com/9781032066141)

## Concise Textbook of Equine Clinical Practice Book 2

Reproduction and the Foal



**Tracey Chenier** Ontario Vet. College, **Charles D. Cooke** Equine Reproductive Services, **Graham Munroe** Cambridge Veterinary School, **Victoria Scott** Univ. of Glasgow

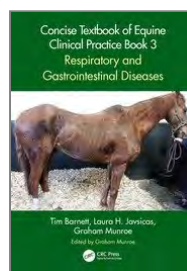
This concise, practical text covers the essential information veterinary students, new graduates and practitioners need to succeed in Equine practice, focussing on reproduction. Written for an international readership, the book conveys the core information in an easily digestible, precise form with extensive use of bullet-points, lists, diagrams, protocols and extensive illustrations. Part of a five-book series that extracts and updates key information from Munroe's Equine Surgery, Reproduction and Medicine, Second Edition, the book distils best practice in a logical straightforward clinical-based approach. The spiralbound format allows the book to lie open during practice.

CRC Press  
October 2023 : 222pp  
Pb: 978-1-032-06618-9 : **£62.99**  
Hb: 978-1-032-47982-8 : **£165**  
eBook: 978-1-003-38683-4

\* For full contents and more information, visit: [www.routledge.com/9781032066189](http://www.routledge.com/9781032066189)

## Concise Textbook of Equine Clinical Practice Book 3

Respiratory and Gastrointestinal Diseases



**Tim Barnett** Rossdales Veterinary Surgeons, **Laura H. Javiscas** Rhinebeck Equine, NY, **Graham Munroe** Cambridge Veterinary School

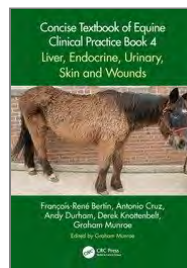
This concise, practical text covers the essential information veterinary students and nurses, new graduates and practitioners need to succeed in equine medicine, focussing on respiratory and gastrointestinal diseases. Written for an international readership, the book conveys the core information in an easily digestible, precise form with extensive use of bullet-points, lists, diagrams, protocols and extensive illustration (over 200 full colour, high-quality photographs). The emphasis is on information tailored to general equine students and clinicians with just enough on advanced techniques to make the practitioner aware of what is available elsewhere.

CRC Press  
February 2024 : 296pp  
Pb: 978-1-032-06616-5 : **£68.99**  
Hb: 978-1-032-54838-8 : **£175**  
eBook: 978-1-003-42771-1

\* For full contents and more information, visit: [www.routledge.com/9781032066165](http://www.routledge.com/9781032066165)

## Concise Textbook of Equine Clinical Practice Book 4

Liver, Endocrine, Urinary, Skin and Wounds



**Edited by Graham Munroe** Cambridge Veterinary School, **François-René Bertin** Univ. of Queensland, **Andy Durham** Liphook Equine Hospital, **Derek Knottenbelt** Equine Medical Solutions, **Antonio Cruz** Justus Liebig Univ. Giessen

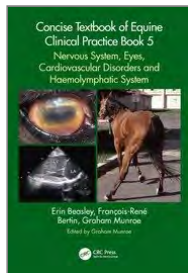
This concise, practical text covers the essential information Equine veterinary students need, focusing on skin, urinary, liver and endocrine diseases. The book conveys the core information in an easily digestible, precise form with extensive use of bullet-points, tables, flow-charts, diagrams, lists, protocols and extensive illustration. Part of a five-book series that extracts and updates key information from Munroe's Equine Surgery, Reproduction and Medicine, Second Edition, the book distils best practice in a logical straightforward clinical-based approach. Ideal for veterinary students, nurses and practitioners needing a quick reference 'on the ground'.

CRC Press  
February 2024 : 196pp  
Pb: 978-1-032-06617-2 : **£68.99**  
Hb: 978-1-032-59226-8 : **£175**  
eBook: 978-1-003-45366-6

\* For full contents and more information, visit: [www.routledge.com/9781032066172](http://www.routledge.com/9781032066172)

## Concise Textbook of Equine Clinical Practice Book 5

Nervous System, Eyes, Cardiovascular Disorders and Haemolymphatic System



**Erin Beasley** Univ. of Georgia, **François-René Bertin** Univ. of Queensland, **Graham Munroe** Cambridge Veterinary School

This concise, practical text covers the essential information veterinary students need to succeed in Equine medicine and surgery, focusing on the nervous system, eyes, cardiovascular disorders and haemolymphatic systems. Part of a five-book series that extracts and updates key information from Munroe's Equine Surgery, Reproduction and Medicine, Second Edition, the book distils best practice in a logical straightforward clinical-based approach. Ideal for veterinary students and nurses on clinical placements with horses as well as practitioners needing a quick reference 'on the ground'. The spiralbound format allows the book to lie open during practice.

CRC Press  
February 2024 : 224pp  
Pb: 978-1-032-58600-7 : **£68.99**  
Hb: 978-1-032-58876-6 : **£175**  
eBook: 978-1-003-45192-1

\* For full contents and more information, visit: [www.routledge.com/9781032586007](http://www.routledge.com/9781032586007)

## Concise Textbook of Large Animal Handling

A Practical Handbook



**C. B. Chastain** Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

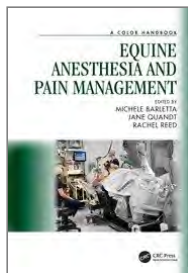
This concise, instructional guide condenses the most important aspects of large animal handling. It provides a portable, durable, beside-the-animal means of learning, as well as a convenient way to refresh on safety and efficacy in animal handling techniques. The text covers handler and animal safety, sanitation, approach and capture, routine handling and release, handling for medical procedures and use of restraint equipment. Important reading for undergraduate veterinary students on EMS rotations, as well as practicing veterinarians, technicians and assistants, the book covers species encountered in farm, equine and laboratory settings.

CRC Press  
June 2023 : 322pp  
Pb: 978-0-367-62809-3 : **£44.99**  
Hb: 978-0-367-62812-3 : **£115**  
eBook: 978-1-003-11091-0

\* For full contents and more information, visit: [www.routledge.com/9780367628093](http://www.routledge.com/9780367628093)

## Equine Anesthesia and Pain Management

A Color Handbook



*Edited by* **Michele Barletta** Georgia Univ., **Jane Quandt** Georgia Univ., **Rachel Reed** Georgia Univ.

*Series: Veterinary Color Handbook Series*

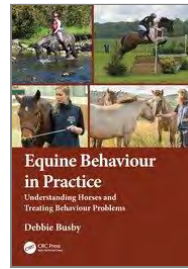
Equine Anesthesia and Pain Management: A Color Handbook brings together key information for clinicians in an easy-to-use, problem-orientated format. It disseminates a wealth of knowledge in a quick reference style, with a focus on clinical practice. Fifteen chapters cover everything from anesthetic equipment, premedication and physical restraint, to total intravenous anesthesia, inhalant anesthesia and partial intravenous anesthesia, recovery, complications, and euthanasia. Over 250 superb color photographs and diagrams bring the material to life. This book will be invaluable to equine practitioners, veterinary technicians/nurses, and veterinary students.

CRC Press  
October 2022 : 284pp  
Pb: 978-1-498-74958-9 : **£78.99**  
Hb: 978-1-032-30962-0 : **£200**  
eBook: 978-0-429-19094-0

\* For full contents and more information, visit: [www.routledge.com/9781498749589](http://www.routledge.com/9781498749589)

## Equine Behaviour in Practice

Understanding Horses and Treating Behaviour Problems



**Debbie Busby**

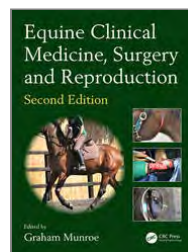
Combining an in-depth exploration of equine behaviour with clinical practice, Equine Behaviour in Practice focuses not just on the horse's behaviour, but on the behaviour of the human interacting with the horse. It equips readers with the understanding and skills to be effective equine behaviour consultants. Discussing how and why horses sometimes struggle to cope, this book explains how to consult on and treat a range of behaviour problems. It encourages readers to develop a critical biopsychosocial evaluation based on an understanding of how horses evolved, their ethological and physiological adaptations, how they learn, and how they can assess their welfare.

CRC Press  
March 2025 : 256pp  
Pb: 978-1-032-94714-3 : **£56.99**  
Hb: 978-1-032-94715-0 : **£165**  
eBook: 978-1-003-58139-0

\* For full contents and more information, visit: [www.routledge.com/9781032947143](http://www.routledge.com/9781032947143)

2ND EDITION

## Equine Clinical Medicine, Surgery and Reproduction



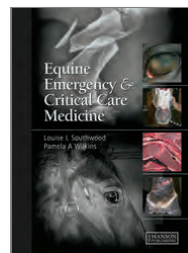
*Edited by* **Graham Munroe**

This fully-revised new edition is supported by over 1800 high quality illustrations. System-based chapters introduce each individual system with relevant basic anatomy and physiology, clinical examination techniques and useful differential diagnostic aids. This is followed by diseases and disorders pertinent to that system. Each condition is described using consistent headings and the focus remains on providing clinically relevant information required for practical case management, plus sufficient background to enable readers to understand the conditions and rationale for diagnostic and treatment options.

CRC Press  
December 2019 : 1432pp  
Hb: 978-1-138-19638-4 : **£235**  
eBook: 978-0-429-11368-0

\* For full contents and more information, visit: [www.routledge.com/9781138196384](http://www.routledge.com/9781138196384)

## Equine Emergency and Critical Care Medicine



*Edited by* **Louise Southwood** University of Pennsylvania, Philadelphia, Pennsylvania, USA, **Pamela A. Wilkins** DVM, MS, PhD, DACVIM, DACVECC, Professor, Veterinary Clinical Medicine, Section Head, Equine Medicine and Surgery, College of Veterinary Medicine, University of Illinois at Urbana-Champaign, USA

Early recognition of problems by owners, appropriate first aid, and timely referral by field veterinarians improves the survival chance of horses requiring emergency management and critical care. With a view towards improving patient outcome, this text is written by a team of enthusiastic equine specialists who explore a host of conditions that the equine veterinarian will encounter. For each disease or condition, the book includes an overview, key points, etiology/pathogenesis, clinical features, differential diagnosis, diagnosis, and management/treatment. It also provides step-by-step instructions on frequently performed procedures when managing the emergency/critical care patient. The text features a concise, bullet-point style to facilitate quick assimilation, along with color photos and useful charts and diagrams.

CRC Press  
October 2014 : 880pp  
Hb: 978-1-840-76194-8 : **£165**  
eBook: 978-0-429-06895-9

\* For full contents and more information, visit: [www.routledge.com/9781840761948](http://www.routledge.com/9781840761948)

2ND EDITION

## Equine Internal Medicine

Self-Assessment Color Review Second Edition



**Tim S. Mair** Bell Equine Veterinary Clinic, UK, **Thomas J. Divers** Cornell University, USA

*Series: Veterinary Self-Assessment Color Review Series*

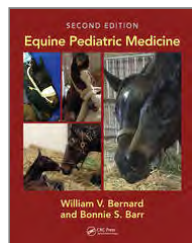
Written by well-respected experts in the field, this new edition of a bestseller has been completely updated and includes all new cases. The cases appear in random order, just as they would in practice, and are presented as self-assessment problems comprising integrated questions, illustrations and detailed explanations designed to educate as well as to provide answers. The book is designed to appeal to veterinary students preparing for exams, and to veterinary practitioners in their continuing professional development.

CRC Press  
August 2015 : 400pp  
Pb: 978-1-482-22535-8 : **£46.99**  
eBook: 978-0-429-06909-3

\* For full contents and more information, visit: [www.routledge.com/9781482225358](http://www.routledge.com/9781482225358)

2ND EDITION

## Equine Pediatric Medicine



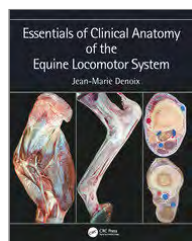
*Edited by William V. Bernard, Bonnie S. Barr*

This systematic yet concise guide to equine pediatric medicine covers etiology, pathophysiology, clinical presentation, differential diagnosis, and management. After a thorough explanation of the physical examination, the chapters then take the reader through the different disorders associated with each body system. A brand new chapter covers nutrition. Superbly illustrated with photographs, diagrams, radiographs and tables, a new section of in-depth case studies brings the information to life. Equine practitioners will value this as a ready reference, while veterinary students and technicians can use it as a complete guide to equine

CRC Press  
June 2020 : 350pp  
Pb: 978-0-367-57140-5 : **£54.99**  
Hb: 978-1-498-77600-4 : **£185**  
eBook: 978-1-315-15478-7

\* For full contents and more information, visit: [www.routledge.com/9780367571405](http://www.routledge.com/9780367571405)

## Essentials of Clinical Anatomy of the Equine Locomotor System



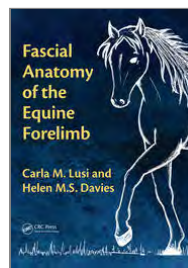
**Jean-Marie Denoix** CIRALE-Hippolia, Goustranville, France

Essentials in Anatomy of the Equine Locomotor System presents a unique photographic record of dissections showing the topographical anatomy of the locomotor system of the horse. Readers of this book will be able to see the position and relationships of the bones, muscles, nerves, blood vessels and viscera that go to make up each region of the forelimb, vertebral column and hindlimb.

CRC Press  
March 2019 : 308pp  
Hb: 978-1-498-75441-5 : **£69.99**  
eBook: 978-0-429-42458-8

\* For full contents and more information, visit: [www.routledge.com/9781498754415](http://www.routledge.com/9781498754415)

## Fascial Anatomy of the Equine Forelimb



**Carla M. Lusi, Helen M. S. Davies**

The first of its kind in equine anatomy, this clear, concise anatomical guide illustrates the fascial (soft connective tissue) connections of the equine forelimb. Based on dissections of fresh equine cadaver limbs, it provides a visual map for equine physical therapists, veterinarians and horse riders, helping them to understand how pathologies, injuries, or movement abnormalities of the equine forelimb arise and/or progress from one area of the limb to another. Key points in each chapter highlight everyday situations in which knowledge of the fascial system may assist in understanding horse movement and injury.

CRC Press  
July 2018 : 186pp  
Pb: 978-0-815-38738-1 : **£78.99**  
Hb: 978-0-815-38744-2 : **£265**  
eBook: 978-1-351-17292-9

\* For full contents and more information, visit: [www.routledge.com/9780815387381](http://www.routledge.com/9780815387381)

## Feeding Horses

An Evidence-Based Approach to Equine Nutrition



**Gulsah Kaya Karasu** Van Hall Larenstein Univ., **Peter Huntington** Kentucky Equine Research Australasia

This concise handbook provides evidence-based, practical horse nutrition, accessible to all readers. Standing out from very dense, theoretical horse nutrition books, it arms equine students, veterinary students and horse owners with practically applicable information, bringing theory and practice together. Divided into four parts, the book covers the horse's digestive system, types of feeds, formulating rations and nutrition-related health disorders. Its scientifically validated, practical information will be invaluable for horse owners, students and trainers, equine nutritionists and practitioners within the equine industry.

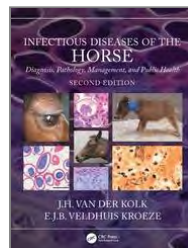
CRC Press  
March 2025 : 190pp  
Pb: 978-1-032-45925-7 : **£52.99**  
Hb: 978-1-032-45939-4 : **£150**  
eBook: 978-1-003-37935-5

\* For full contents and more information, visit: [www.routledge.com/9781032459257](http://www.routledge.com/9781032459257)

2ND EDITION

## Infectious Diseases of the Horse

Diagnosis, pathology, management, and public health



**J.H. van der Kolk** Utrecht Univ., **E.J.B. Veldhuis Kroeze** Erasmus Univ. Med. Centre

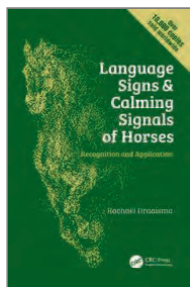
This comprehensive yet practical book about established infectious diseases of horses is categorized according to the different pathogens. The majority of equine infectious diseases caused by microbes and parasites are covered - bacterial, viral, protozoan, fungal, ectoparasitic and helminthic. Practical Appendices contain a list of differential diagnoses based on clinical signs to support clinical decision-making, a list of zoonoses and reportable diseases, and illustrations of clinical pathology and hematology. This is a valuable resource for all veterinary practitioners, scientists, students, technicians and nurses working with horses.

CRC Press  
December 2022 : 370pp  
Hb: 978-1-032-05428-5 : **£175**  
eBook: 978-1-003-19754-6

\* For full contents and more information, visit: [www.routledge.com/9781032054285](http://www.routledge.com/9781032054285)

## Language Signs and Calming Signals of Horses

Recognition and Application



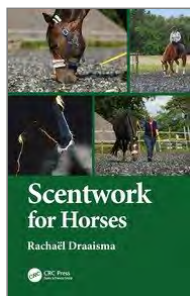
**Rachael Draaisma**

This practical book helps you interpret and connect the physical signals that horses display in response to their environment. These signals are evident in the everyday actions, gestures and attitudes that horses communicate to each other, but are often so subtle that they can go unnoticed by humans. This book aims to rectify that, offering horse lovers and equine professionals an opportunity to gain a unique insight into their 'horse's world', allowing them to calm the horse before his stress rises to an unmanageable level.

CRC Press  
October 2017 : 200pp  
Hb: 978-1-138-07015-8 : **£36.99**  
eBook: 978-1-315-26566-7

\* For full contents and more information, visit: [www.routledge.com/9781138070158](http://www.routledge.com/9781138070158)

## Scentwork for Horses



**Rachael Draaisma**

This is the first practical guide on how to implement scentwork into the lives of domesticated horses, enhancing behaviour, welfare and the human-animal bond. Draaisma demonstrates how scentwork improves the horse's learning abilities, development, socialisation and their bond with the handler, showing how to have your horse explore their environment, participate in scentwork games and follow a footstep track. Whether veterinarian, behaviourist, trainer, animal-assisted therapist, equine physiotherapist or horse owner, this book promises to bring both you and your horse enormous benefits.

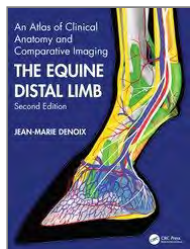
CRC Press  
December 2020 : 286pp  
Pb: 978-0-367-53760-9 : **£35.99**  
Hb: 978-0-367-55298-5 : **£94.99**  
eBook: 978-1-003-09284-1

\* For full contents and more information, visit: [www.routledge.com/9780367537609](http://www.routledge.com/9780367537609)

2ND EDITION

## The Equine Distal Limb

An Atlas of Clinical Anatomy and Comparative Imaging



**Jean-Marie Denoix**

This new edition replaces existing ultrasound images and most of the radiographic and MRI images with new, updated versions and adds new images of extraordinarily high quality, the multiple views of each area of the distal limb providing an extremely detailed evaluation. The diagnosis and management of distal limb lameness require a precise knowledge of the functional anatomy and biomechanics of the equine distal joints, ligaments and tendons which are presented in the last chapter. The book is designed for maximum clarity using a generous page size. The atlas is essential for anybody involved in detailed anatomical study, complex lameness evaluation or advanced imaging techniques.

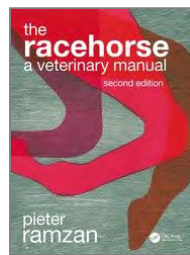
CRC Press  
April 2025 : 464pp  
Hb: 978-1-032-06071-2 : **£235**  
eBook: 978-1-003-20060-4

\* For full contents and more information, visit: [www.routledge.com/9781032060712](http://www.routledge.com/9781032060712)

2ND EDITION

## The Racehorse

A Veterinary Manual



**Piet Ramzan** Rossdales Veterinary Surgeons

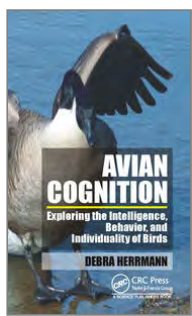
This has become the definitive text for primary care of the Thoroughbred racehorse. Written by one of the world's leading racehorse veterinary clinicians, it sets out best practice standards of diagnosis and management of all the major conditions likely to be encountered in racehorse clinical practice, as well as comprehensively reviewing subjects as diverse as pre-purchase assessment and exercise physiology. This second edition has been thoroughly updated and introduces new chapters on a range of topics from injury risk assessment to electrolyte and fluid therapy.

CRC Press  
July 2023 : 498pp  
Hb: 978-0-367-42831-0 : **£175**  
eBook: 978-1-003-00384-7

\* For full contents and more information, visit: [www.routledge.com/9780367428310](http://www.routledge.com/9780367428310)

## Avian Cognition

Exploring the Intelligence, Behavior, and Individuality of Birds



**Debra S. Herrmann** Biological Computing Initiative, North Bethesda, Maryland, USA

Unlike any other book, *Avian Cognition* thoroughly examines avian intelligence, behavior, and individuality. Preferences, choices, motivation, and habits of species, flocks, and individual birds are discussed and compared. This book investigates who birds are and why they do what they do. Daily, seasonal, and play activities, creativity, reasoning abilities, problem-solving skills, social interaction, life stages, and communication patterns are described, and a distinction is made between vocalizations that are learned and those that are inherited. The behavior and intelligence of both wild and pet birds is compared, and unlike other books, entire chapters are devoted to a single species.

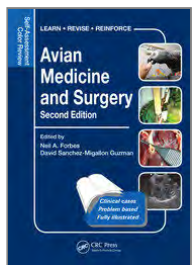
CRC Press  
December 2015 : 536pp  
Hb: 978-1-498-74842-1 : £200  
eBook: 978-0-429-15489-8

\* For full contents and more information, visit: [www.routledge.com/9781498748421](http://www.routledge.com/9781498748421)

## 2ND EDITION

### Avian Medicine and Surgery

Self-Assessment Color Review, Second Edition



*Edited by* **Neil A. Forbes** Great Western Exotic Vets, Swindon, UK, **David Sanchez-Migallon Guzman** UC Davis, California, USA

*Series: Veterinary Self-Assessment Color Review Series*

The completely revamped second edition of *Avian Medicine and Surgery* includes over 260 all-new colour illustrated cases. The international editor and author team present a breadth of cases in random order, just as they would occur in actual practice. Questions based on each case are accompanied with answers that fully explore the disease or disorder in question. The book provides a valuable reference for both candidates preparing for examinations and practitioners in their continuing education.

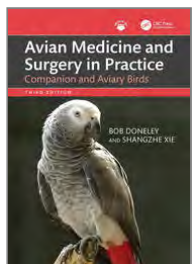
CRC Press  
July 2017 : 384pp  
Pb: 978-1-498-70351-2 : £46.99  
eBook: 978-1-315-11937-3

\* For full contents and more information, visit: [www.routledge.com/9781498703512](http://www.routledge.com/9781498703512)

## 3RD EDITION

### Avian Medicine and Surgery in Practice

Companion and Aviary Birds



**Bob Doneley** Queensland University, **Shangzhe Xie** Mandai Wildlife Group

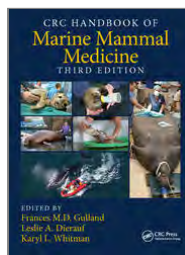
*Avian Medicine and Surgery in Practice* is an invaluable quick reference resource for clinicians, veterinary students and residents. Together Bob Doneley and Shangzhe Xie have thoroughly updated the book, incorporating the latest research and covering a larger range of species. Building on the practical aspects that make this book stand out from other resources, they have added step-by-step pictorial guides to common procedures and surgeries, as well as videos for more complicated ones. The book will therefore allow the practitioner to immediately help the patient at hand, whether to prescribe medication or perform life-saving surgery.

CRC Press  
June 2025 : 576pp  
Hb: 978-1-032-22422-0 : £140  
eBook: 978-1-003-27251-9

\* For full contents and more information, visit: [www.routledge.com/9781032224220](http://www.routledge.com/9781032224220)

## 3RD EDITION

### CRC Handbook of Marine Mammal Medicine



*Edited by* **Frances M.D. Gulland** Marine Mammal Center, Sausalito, California, USA, **Leslie A. Dierauf** Seattle, Washington, USA, **Karyl L. Whitman**

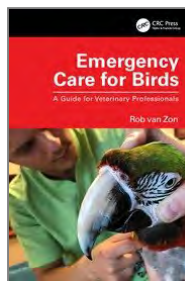
The new edition of the *CRC Handbook of Marine Mammal Medicine* provides a thorough and international approach to the husbandry, diseases, and environmental and political issues relating to marine mammal health and well-being. It covers all aspects of disease and health in cetaceans, pinnipeds, manatees, sea otters, and polar bears. In addition to the documented data on anatomy, physiology, infectious diseases, surgery, pathology, diagnostic imaging, and tagging and tracking, there are sections on marine mammals as sentinels of ocean health, strandings and rehabilitation, emerging diseases and public health considerations, legislative and regulatory issues, and careers in the field.

CRC Press  
May 2018 : 1144pp  
Hb: 978-1-498-79687-3 : £245  
eBook: 978-1-315-14493-1

\* For full contents and more information, visit: [www.routledge.com/9781498796873](http://www.routledge.com/9781498796873)

### Emergency Care for Birds

A Guide for Veterinary Professionals



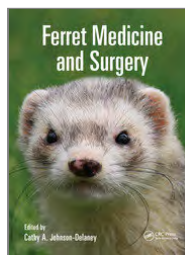
**Rob van Zon**

Due to their often small size and unique physical characteristics, birds can deteriorate rapidly in the event of illness and injury. This concise, practical guide will help veterinary professionals to provide first aid and emergency care for birds, as well as to instruct clients on providing basic first aid when they are unable to get to the clinic. It includes guidance for those presented with a moribund, critically ill patient i.e., recognising and treating hypothermia, hypoxia, hypovolaemia and hypoglycaemia. The book also lists of alarming signs of disease and toxic plants, and includes clinical procedures, emergency drug formulary and bandaging techniques.

CRC Press  
December 2023 : 260pp  
Pb: 978-1-032-31132-6 : £56.99  
Hb: 978-1-032-31141-8 : £140  
eBook: 978-1-003-30827-0

\* For full contents and more information, visit: [www.routledge.com/9781032311326](http://www.routledge.com/9781032311326)

### Ferret Medicine and Surgery



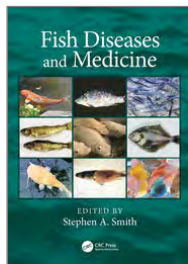
*Edited by* **Cathy Johnson-Delaney**

The book covers ferret medicine and common surgeries, providing a comprehensive reference for the veterinary practitioner. Each chapter of disorders is designed to be inclusive and includes cross references to other chapters throughout as well as some highlights of anatomy and physiology as a review. The format allows easy access to information providing answers to problems that arise in practice. Thoroughly illustrated with high-quality photographs and line drawings, the book is designed to provide quick, concise information of immediate use to the practitioner.

CRC Press  
December 2018 : 544pp  
Pb: 978-0-367-11245-5 : £54.99  
Hb: 978-1-498-70787-9 : £130  
eBook: 978-1-315-37150-4

\* For full contents and more information, visit: [www.routledge.com/9780367112455](http://www.routledge.com/9780367112455)

## Fish Diseases and Medicine



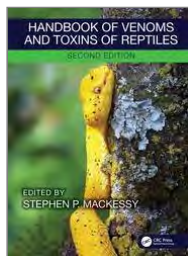
Edited by **Stephen A. Smith** Virginia-Maryland Regional College of Veterinary Medicine, USA

This comprehensive text provides an overview of fish medicine and the diseases and disorders of tropical, ornamental, bait and food fish from the freshwater, brackish and marine environments. The book is organized by body systems, an approach consistent with how a practitioner examines a diseased animal. Nineteen chapters by expert contributors offer an international perspective, exploring the problems affecting fish in various regions of the world.

CRC Press  
April 2019 : 412pp  
Hb: 978-1-498-72786-0 : **£96.99**  
eBook: 978-0-429-19525-9  
\* For full contents and more information, visit: [www.routledge.com/9781498727860](http://www.routledge.com/9781498727860)

## 2ND EDITION

## Handbook of Venoms and Toxins of Reptiles



Edited by **Stephen P. Mackessy** University of Northern Colorado, Greeley, CO, USA

A decade after publication of the first edition, this handbook responds to extensive changes in the field of toxinology to endure as the most comprehensive review of reptile venoms on the market. The six sections of this new edition, which has nearly doubled in size, complement the original handbook by presenting current information from many of the leading researchers and physicians in toxinology, with topics ranging from functional morphology, evolution and ecology to crystallography, -omics technologies and more. The section on snakebite now includes several chapters dealing with the problem broadly and with new technologies.

CRC Press  
May 2021 : 680pp  
Hb: 978-0-367-14974-1 : **£190**  
eBook: 978-0-429-05420-4  
\* For full contents and more information, visit: [www.routledge.com/9780367149741](http://www.routledge.com/9780367149741)

## Hawkey's Atlas of Wild and Exotic Animal Haematology



**Jaime Samour, Mike Hart**

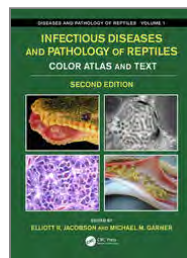
This revised, updated and expanded edition of Christine Hawkey's A Colour Atlas of Comparative Veterinary Haematology is bursting with high-quality images to aid identification of blood cells and haemoparasites in the different species commonly seen in private practice and zoological collections. It will assist veterinarians in the identification of normal and abnormal blood cells and in understanding the structural differences of blood cells between the various taxa within the Animal Kingdom. With the help of this guide, readers will be able to understand haemoresponses in the presence of specific and non-specific disease processes.

CRC Press  
December 2020 : 288pp  
Hb: 978-0-367-25701-9 : **£140**  
eBook: 978-0-429-29904-9  
\* For full contents and more information, visit: [www.routledge.com/9780367257019](http://www.routledge.com/9780367257019)

## 2ND EDITION

## Infectious Diseases and Pathology of Reptiles

Color Atlas and Text, Diseases and Pathology of Reptiles Volume 1



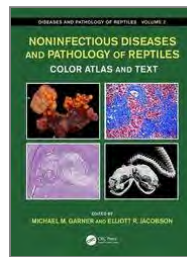
Edited by **Elliott Jacobson** University of Florida, Gainesville, USA, **Michael Garner** Northwest ZooPath, Monroe, Washington, USA

Infectious Diseases and Pathology of Reptiles, Second Edition provides definitive information on every aspect of the anatomy, pathophysiology, and differential diagnosis of infectious diseases affecting reptiles. It features stunning high-quality color photos of normal anatomy and histology, as well as gross, light, and electron microscopic images of infectious diseases of reptiles. The book addresses the mechanism of reptile immunology and the response to pathogens, and explains how immunological response is key to differential diagnosis.

CRC Press  
September 2020 : 1030pp  
Hb: 978-1-498-77148-1 : **£235**  
eBook: 978-0-429-15556-7  
\* For full contents and more information, visit: [www.routledge.com/9781498771481](http://www.routledge.com/9781498771481)

## Noninfectious Diseases and Pathology of Reptiles

Color Atlas and Text, Diseases and Pathology of Reptiles, Volume 2



Edited by **Elliott Jacobson** University of Florida, Gainesville, USA, **Michael Garner** Northwest ZooPath, Monroe, Washington, USA

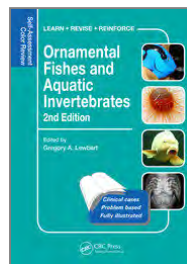
This book accompanies Infectious Diseases and Pathology of Reptiles, Second Edition to cover noninfectious diseases of reptiles, meeting the need for a similar, authoritative single-source reference. The volumes feature color photos of normal anatomy and histology, as well as gross, light, and electron microscopic imagery. It provides definitive information on every aspect of the anatomy, pathophysiology, and differential diagnosis of noninfectious diseases affecting reptiles.

CRC Press  
September 2020 : 534pp  
Hb: 978-1-498-77158-0 : **£170**  
eBook: 978-0-429-15431-7  
\* For full contents and more information, visit: [www.routledge.com/9781498771580](http://www.routledge.com/9781498771580)

## 2ND EDITION

## Ornamental Fishes and Aquatic Invertebrates

Self-Assessment Color Review, Second Edition



Edited by **Gregory A. Lewbart** North Carolina State University, Raleigh, USA

Series: *Veterinary Self-Assessment Color Review Series*

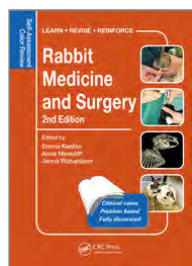
This is a new edition in the Self-Assessment Colour Review series that covers ornamental fish. It includes 200 colour illustrated cases in random order, as they would be presented in practice. It presents questions based on each case with answers that fully explore the disease/disorder. This new edition contains 250 new cases. The book should appeal to candidates preparing for examinations and to practitioners in their continuing education.

CRC Press  
September 2016 : 256pp  
Pb: 978-1-482-25886-8 : **£46.99**  
eBook: 978-1-315-38149-7  
\* For full contents and more information, visit: [www.routledge.com/9781482258868](http://www.routledge.com/9781482258868)

2ND EDITION

## Rabbit Medicine and Surgery

Self-Assessment Color Review, Second Edition



*Edited by* **Emma Keeble** University of Edinburgh, Roslin, UK, **Anna Meredith** University of Edinburgh, Roslin, UK, **Jenna Richardson** University of Edinburgh, Roslin, UK

*Series:* *Veterinary Self-Assessment Color Review Series*

This book covers a wide range of topics from basic biology and husbandry to advanced diagnostic, medical, and surgical techniques. This new edition offers an increased emphasis on more advanced diagnostic and imaging techniques as well as recent advances in emergency care, analgesia, and surgery. Written by practitioners with many years of experience treating rabbits, this highly illustrated and easy-to-read edition includes 230 new and updated cases in random order, as they would be presented in practice. Each case includes questions with answers that fully explore the disease or disorder in question. It is an invaluable resource for all those working with pet rabbits.

CRC Press

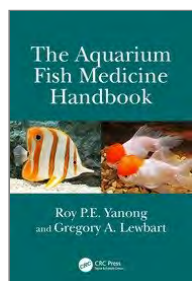
June 2016 : 260pp

Pb: 978-1-498-73079-2 : £41.99

eBook: 978-0-429-15493-5

\* For full contents and more information, visit: [www.routledge.com/9781498730792](http://www.routledge.com/9781498730792)

## The Aquarium Fish Medicine Handbook



**Roy P.E. Yanong** University of Florida, USA, **Gregory A. Lewbart** NC State University, USA

Practicing veterinarians, veterinary technicians, professional aquarists, fish researchers, and tropical fish hobbyists will find this thorough yet concise handbook a complete how-to guide for keeping fish under human care healthy and thriving. The book covers ways to manage aquatic life support systems for fish, history taking, natural history, anatomy, physiology, diagnostic techniques, anesthesia, analgesia, and surgery. Virtually all of the most important ornamental fish pathogens, including viruses, bacteria, fungi, and parasites, are described and richly illustrated.

CRC Press

April 2024 : 288pp

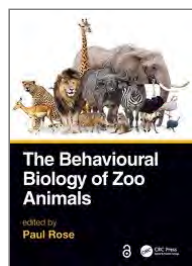
Pb: 978-0-367-52291-9 : £38.99

Hb: 978-1-032-71120-1 : £97.99

eBook: 978-1-003-05772-7

\* For full contents and more information, visit: [www.routledge.com/9780367522919](http://www.routledge.com/9780367522919)

## The Behavioural Biology of Zoo Animals



*Edited by* **Paul Rose** Exeter Univ.

This is the first book on captive animal behaviour and how this applies to welfare. The book enables all aspects of zoo husbandry and management (nutrition, enclosure design, handling and training, enrichment, population management) to be based on a sound knowledge of the species, its evolutionary and natural history. Chapters from expert authors cover a vast range of taxa, from primates and elephants to marine mammals and freshwater fish, to reptiles, birds and invertebrates. It explains how evidence from the wild can be implemented into captive care to support the wider aims of the zoo (conservation, education, research and recreation).

CRC Press

November 2022 : 367pp

Pb: 978-1-032-07716-1 : £62.99

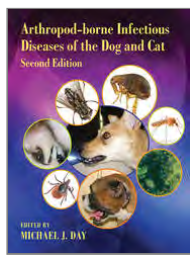
Hb: 978-1-032-07719-2 : £170

eBook: 978-1-003-20847-1

\* For full contents and more information, visit: [www.routledge.com/9781032077161](http://www.routledge.com/9781032077161)

2ND EDITION

## Arthropod-borne Infectious Diseases of the Dog and Cat



Edited by **Michael J. Day**

This book is an invaluable resource for information on the clinical presentation, pathogenesis, diagnosis and treatment of major arthropod-transmitted diseases of dogs and cats. Illustrated in colour throughout, the book incorporates photographs of clinical cases, haematology, cytology and gross and microscopic pathology, which help understand the diagnosis and treatment of these diseases. The book goes beyond just covering the diseases themselves and also provides information on the arthropods that transmit them. With the effects of climate change and increasing international pet travel, this book will be a valuable addition to every small animal practitioner's library.

CRC Press

June 2020 : 232pp

Pb: 978-0-367-57493-2 : **£50.99**

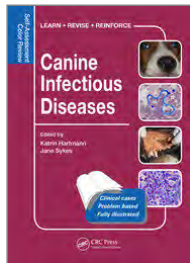
Hb: 978-1-498-70824-1 : **£190**

eBook: 978-0-429-06815-7

\* For full contents and more information, visit: [www.routledge.com/9780367574932](http://www.routledge.com/9780367574932)

## Canine Infectious Diseases

Self-Assessment Color Review



Edited by **Katrin Hartmann, Jane Sykes**

Series: *Veterinary Self-Assessment Color Review Series*

This book covers all types of canine infectious diseases, including infections caused by viruses, bacteria, parasites and fungi. Over 200 clinical cases are presented randomly, as in practice, and cover the range of infectious diseases which affect all the organ systems of the dog. Featuring international expert contributors, the illustrated cases contain integrated questions and detailed explanatory answers.

CRC Press

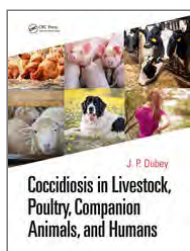
March 2018 : 288pp

Pb: 978-1-482-22515-0 : **£41.99**

eBook: 978-1-315-17199-9

\* For full contents and more information, visit: [www.routledge.com/9781482225150](http://www.routledge.com/9781482225150)

## Coccidiosis in Livestock, Poultry, Companion Animals, and Humans



Edited by **J. P. Dubey**

Despite an explosion of research in the last 40 years, there has been no new book published discussing conventional coccidiosis for more than 25 years. This comprehensive review therefore answers an urgent need for a book dealing exclusively with conventional coccidia (Eimeria and Isospora). It provides concise, authoritative, up to date information on coccidiosis, with particular attention to research in the last 28 years

CRC Press

June 2022 : 396pp

Pb: 978-1-032-33759-3 : **£50.99**

Hb: 978-0-367-26592-2 : **£190**

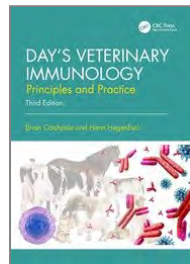
eBook: 978-0-429-29410-5

\* For full contents and more information, visit: [www.routledge.com/9781032337593](http://www.routledge.com/9781032337593)

3RD EDITION

## Day's Veterinary Immunology

Principles and Practice



Edited by **Brian Catchpole** Royal Vet College, **Harm HogenEsch** Purdue Univ.

Michael Day's Veterinary Immunology: Principles and Practice is the adopted text in numerous veterinary schools throughout the world. Updated and revised by Brian Catchpole and Harm HogenEsch with advances in knowledge since 2014, this third edition reflects the rapid developments in the field internationally, while preserving the strengths of Day's original writing. It adds numerous case studies demonstrating the clinical context across companion and farm animals. Animations hosted online add a new element of practical application.

CRC Press

May 2023 : 432pp

Pb: 978-1-032-31716-8 : **£56.99**

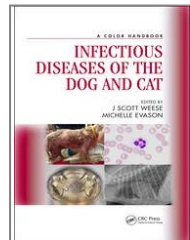
Hb: 978-1-032-31717-5 : **£155**

eBook: 978-1-003-31096-9

\* For full contents and more information, visit: [www.routledge.com/9781032317168](http://www.routledge.com/9781032317168)

## Infectious Diseases of the Dog and Cat

A Color Handbook



Edited by **J Scott Weese, Michelle Evason**

Series: *Veterinary Color Handbook Series*

This is a concise and quick reference guide, clinically oriented, based on experience underpinned by published research data. The systems-based approach emphasizes the problem list process utilized by most practitioners when faced with a patient presenting with a single or variety of clinical symptoms. This allows generation of a complete list of infectious disease differentials, and the ability to include or exclude those indicated based on patient risk assessment. Pathogen specific information enables rational choice of diagnostics, therapy, and prognostication for a complete list of small animal infectious disease that includes bacterial, viral, parasitic/protozoal and fungal.

CRC Press

May 2023 : 328pp

Pb: 978-1-032-57010-5 : **£51.99**

Hb: 978-1-498-77551-9 : **£135**

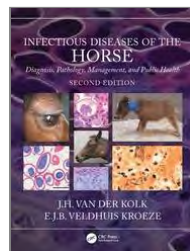
eBook: 978-0-429-18664-6

\* For full contents and more information, visit: [www.routledge.com/9781032570105](http://www.routledge.com/9781032570105)

2ND EDITION

## Infectious Diseases of the Horse

Diagnosis, pathology, management, and public health



Edited by **J.H. van der Kolk** Utrecht Univ., **E.J.B. Veldhuis Kroeze** Erasmus Univ. Med. Centre

This comprehensive yet practical book about established infectious diseases of horses is categorized according to the different pathogens. The majority of equine infectious diseases caused by microbes and parasites are covered - bacterial, viral, protozoan, fungal, ectoparasitic and helminthic. Practical Appendices contain a list of differential diagnoses based on clinical signs to support clinical decision-making, a list of zoonoses and reportable diseases, and illustrations of clinical pathology and hematology. This is a valuable resource for all veterinary practitioners, scientists, students, technicians and nurses working with horses.

CRC Press

December 2022 : 370pp

Hb: 978-1-032-05428-5 : **£175**

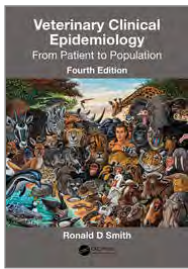
eBook: 978-1-003-19754-6

\* For full contents and more information, visit: [www.routledge.com/9781032054285](http://www.routledge.com/9781032054285)

4TH EDITION

## Veterinary Clinical Epidemiology

From Patient to Population



**Ronald D. Smith** University of Illinois College of Veterinary Medicine, Urbana, USA

Ideal for veterinary students, residents and clinicians, the fourth edition of this bestselling textbook has been fully updated in line with developments in research and teaching. The logical chapter progression reflects the stages in a clinical case work-up and how epidemiological concepts and methods contribute. This new edition includes self-evaluation questions based on edited clinical research abstracts of online full-text reports, providing a template for student evaluation. The updated book includes guidelines for improving patient and population health outcomes, and detecting emerging diseases through systematic evaluation of patient encounters and electronic medical records.

CRC Press

October 2019 : 272pp

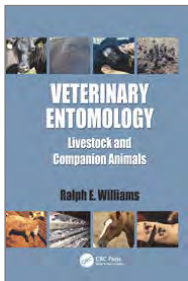
Pb: 978-1-138-39242-7 : **£94.99**Hb: 978-1-138-39298-4 : **£235**

eBook: 978-0-429-40219-7

\* For full contents and more information, visit: [www.routledge.com/9781138392427](http://www.routledge.com/9781138392427)

## Veterinary Entomology

Livestock and Companion Animals



**Ralph E. Williams** Purdue University, West Lafayette, Indiana, USA

The first modern text dedicated to veterinary entomology, this work identifies those insects and related arthropods affecting the well being of livestock and companion animals. It provides detailed information on the problems they cause, while also offering guidelines on recommended pest management practices with a special emphasis on current trends and technology. The book covers cattle, swine, sheep and goats, poultry, pet animals, and horses. Written by a leading expert, this book is an excellent resource for all those involved with the handling and research of livestock and companion animals, as well as students in entomology, agricultural, and veterinarian science.

CRC Press

May 2017 : 376pp

Pb: 978-1-138-11818-8 : **£83.99**Hb: 978-1-420-06849-8 : **£220**

eBook: 978-0-429-18433-8

\* For full contents and more information, visit: [www.routledge.com/9781138118188](http://www.routledge.com/9781138118188)

## Animal-centric Care and Management

Enhancing Refinement in Biomedical Research



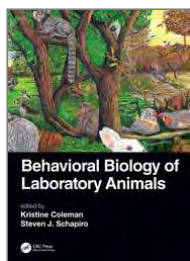
Edited by **Dorte Bratbo Sørensen**, **Sylvie Cloutier**  
Canadian Council on Animal Care, **Brianna N. Gaskill**

By establishing an animal-centric view on housing and management, this book takes Refinement a step beyond "elimination of inhumanities". Rather than fitting animals into experimental conditions, it aims to adjust conditions to better meet the needs and preferences of the animals. Expert authors address how to define and measure animal welfare, the importance and nature of human-animal interactions, and how to promote a culture of care. Species-specific chapters focus on animals most commonly used as experimental models. This interdisciplinary book hopes to act as a catalyst, resulting in multiple viewpoints collaborating to optimize laboratory animal welfare.

CRC Press  
October 2020 : 204pp  
Pb: 978-0-367-18083-6 : **£46.99**  
Hb: 978-0-367-18102-4 : **£190**  
eBook: 978-0-429-05954-4

\* For full contents and more information, visit: [www.routledge.com/9780367180836](http://www.routledge.com/9780367180836)

## Behavioral Biology of Laboratory Animals



Edited by **Kristine Coleman** OR National Primate Research Cntr. USA, **Steven J. Schapiro** The University of TX MD Anderson Cancer Cntr.

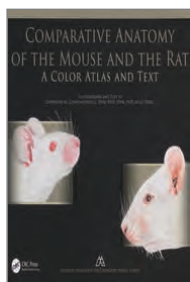
This 30-chapter volume informs students and professionals about the behavioral biology of animals commonly housed in laboratory and other captive settings. Each species evolved under specific environmental conditions, resulting in unique behavioral patterns, many of which are maintained in captivity even after generations of breeding. Understanding natural behavior is therefore a critical part of modern animal care practices. The descriptions, data, guidance, resources, and recommendations in this book will help the reader understand their animals better, refine the care and treatment that they receive, and improve their well-being, welfare, and wellness.

CRC Press  
August 2021 : 560pp  
Hb: 978-0-367-02923-4 : **£190**  
eBook: 978-0-429-01951-7

\* For full contents and more information, visit: [www.routledge.com/9780367029234](http://www.routledge.com/9780367029234)

## Comparative Anatomy of the Mouse and the Rat

A Color Atlas and Text



Edited by **Gheorghe M. Constantinescu**

This Atlas provides detailed comparative anatomical information for those who work with mice and rats in animal research or veterinary medicine. Information is provided about the anatomical features and landmarks for conducting a physical examination, collecting biological samples, making injections of therapeutic and experimental materials, using imaging modalities, and performing surgeries.

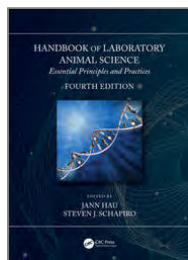
CRC Press  
April 2018 : 276pp  
Pb: 978-1-138-62403-0 : **£235**  
eBook: 978-1-003-57659-4

\* For full contents and more information, visit: [www.routledge.com/9781138624030](http://www.routledge.com/9781138624030)

4TH EDITION

## Handbook of Laboratory Animal Science

Essential Principles and Practices



Edited by **Jann Hau** University of Copenhagen, Denmark, **Steven J. Schapiro** The University of TX MD Anderson Cancer Cntr.

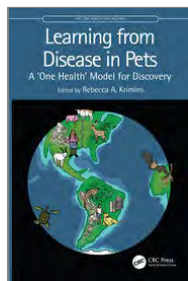
Building upon the success of previous editions of the Handbook of Laboratory Animal Science, this revision combines all three volumes in one definitive guide. It covers the essential principles and practices of Laboratory Animal Science as well as selected animal models. Each chapter focuses on an important subdiscipline of laboratory animal science meaning the chapters can be read and used as stand-alone texts. With new contributors at the forefront of their fields, the book reflects the scientific and technological advances of the past decade, responds to advances in our understanding of animal behavior and emphasizes the importance of implementing the three Rs.

CRC Press  
May 2021 : 1012pp  
Hb: 978-1-138-34180-7 : **£245**  
eBook: 978-0-429-43996-4

\* For full contents and more information, visit: [www.routledge.com/9781138341807](http://www.routledge.com/9781138341807)

## Learning from Disease in Pets

A 'One Health' Model for Discovery



Edited by **Rebecca A. Krimins** Johns Hopkins University

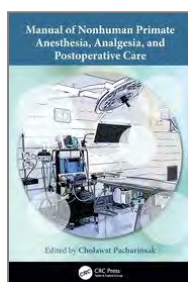
Series: *CRC One Health One Welfare*

This is the first encompassing guide for veterinarians, researchers and physicians on conducting studies using spontaneous models of disease in animals. Using clinical trials to learn how pets with real disease respond to therapy can lead to breakthroughs in human medicine, as well as benefiting pets suffering from otherwise debilitating illness. The book details how to design a robust clinical study, encouraging veterinarians to build on and disseminate findings. It discusses communication styles, the ethics of using pets in veterinary clinical research, diseases that occur in animals and man, and regulatory requirements.

CRC Press  
November 2020 : 306pp  
Pb: 978-0-367-17310-4 : **£94.99**  
Hb: 978-0-367-17316-6 : **£235**  
eBook: 978-0-429-05617-8

\* For full contents and more information, visit: [www.routledge.com/9780367173104](http://www.routledge.com/9780367173104)

## Manual of Nonhuman Primate Anesthesia, Analgesia, and Postoperative Care



Edited by **Cholawat Pacharinsak**

This practical guide to Non-Human Primate (NHP) anesthesia and analgesia in research facilities is the first NHP-specific anesthesia resource. It offers an easy-to-navigate manual, with diagrams, bullet points, color photos, and quick reference tables. With each chapter authored by an experienced veterinary, lab animal or zoo animal practitioner, the book includes topics like troubleshooting anesthetic complications, recognizing pain, postoperative care and behavioral and environmental enrichment. This is an essential reference for veterinarians, technicians, and other research and laboratory personnel working with NHPs.

CRC Press  
December 2025 : 240pp  
Pb: 978-1-032-50961-7 : **£72.99**  
Hb: 978-1-032-51069-9 : **£105**  
eBook: 978-1-003-40095-0

\* For full contents and more information, visit: [www.routledge.com/9781032509617](http://www.routledge.com/9781032509617)

## Concise Textbook of Large Animal Handling

A Practical Handbook



**C. B. Chastain** Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

This concise, instructional guide condenses the most important aspects of large animal handling. It provides a portable, durable, beside-the-animal means of learning, as well as a convenient way to refresh on safety and efficacy in animal handling techniques. The text covers handler and animal safety, sanitation, approach and capture, routine handling and release, handling for medical procedures and use of restraint equipment. Important reading for undergraduate veterinary students on EMS rotations, as well as practicing veterinarians, technicians and assistants, the book covers species encountered in farm, equine and laboratory settings.

CRC Press

June 2023 : 322pp

Pb: 978-0-367-62809-3 : **£44.99**

Hb: 978-0-367-62812-3 : **£115**

eBook: 978-1-003-11091-0

\* For full contents and more information, visit: [www.routledge.com/9780367628093](http://www.routledge.com/9780367628093)

## Health and Welfare of Brachycephalic (Flat-faced) Companion Animals

A Complete Guide for Veterinary and Animal Professionals



*Edited by* **Rowena Packer** The Royal Veterinary College,  
**Dan O'Neill** The Royal Veterinary College

Health and welfare issues relating to brachycephalic (flat-faced) dogs are now one of the most pressing problems facing companion animals. This book aims to equip veterinary professionals, animal welfare scientists, dog breeders and the interested owner with the full story about brachycephalic health and welfare. Cutting-edge knowledge is provided on a range of disciplines including anaesthesia, ophthalmology, dermatology, respiratory disease, neurological, dental, reproduction and weight control. The book offers substantial practical advice for veterinary teams on welfare and ethical issues around choosing, owning and caring for brachycephalic dogs to share with clients.

CRC Press

August 2021 : 418pp

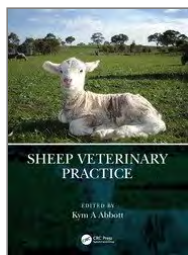
Pb: 978-0-367-20724-3 : **£46.99**

Hb: 978-0-367-20741-0 : **£105**

eBook: 978-0-429-26323-1

\* For full contents and more information, visit: [www.routledge.com/9780367207243](http://www.routledge.com/9780367207243)

## Sheep Veterinary Practice



*Edited by* **Kym A. Abbott** The University of Adelaide, Australia

Following on from Professor Abbott's *The Practice of Sheep Veterinary Medicine*, this new text remains the ideal reference for veterinarians in farm animal practice, veterinary and animal science students, agriculturalists and sheep producers. Principally addressing sheep health, welfare and production matters in Australia, this book also covers issues of relevance in any country where sheep are raised. Sheep veterinary specialist Professor Kym Abbott and his co-authors inform the reader of the science underpinning the occurrence of disease syndromes, giving special attention to commonly investigated problems related to nutrition, reproduction and helminthiasis.

CRC Press

July 2024 : 564pp

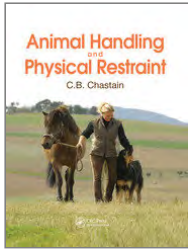
Pb: 978-1-032-38283-8 : **£135**

Hb: 978-1-032-38288-3 : **£315**

eBook: 978-1-003-34434-6

\* For full contents and more information, visit: [www.routledge.com/9781032382838](http://www.routledge.com/9781032382838)

## Animal Handling and Physical Restraint



**C. B. Chastain** Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

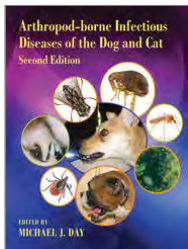
The aim of the book is to prepare future or current veterinarians and veterinary technologists, technicians/nurses, and assistants to be able to handle animals more safely, gain the confidence of animals and their owners, and instruct owners in proper animal handling methods. No handling or restraint of animals is without risk, but proper animal handling and restraint aids in reducing the chance of physical or infectious disease injury to the handler and the animal handled. Minimum-stress handling of farm and ranch animals raised for meat, milk, or fiber also aids the producer in being more humane and gaining greater profitability.

CRC Press  
February 2019 : 408pp  
Pb: 978-0-367-02832-9 : **£46.99**  
Hb: 978-1-498-76193-2 : **£190**  
eBook: 978-1-315-15331-5

\* For full contents and more information, visit: [www.routledge.com/9780367028329](http://www.routledge.com/9780367028329)

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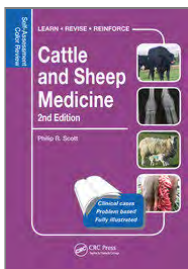
CRC Press  
June 2020 : 232pp  
Pb: 978-0-367-57493-2 : **£50.99**  
Hb: 978-1-498-70824-1 : **£190**  
eBook: 978-0-429-06815-7

\* For full contents and more information, visit: [www.routledge.com/9780367574932](http://www.routledge.com/9780367574932)

2ND EDITION

## Cattle and Sheep Medicine

Self-Assessment Color Review



**Philip R. Scott**

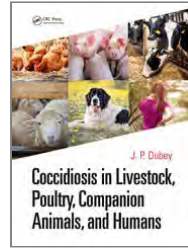
Series: *Veterinary Self-Assessment Color Review Series*

The new edition incorporates over 250 new clinical cases divided equally between cattle and sheep. The cases appear randomly to reflect real life practice and are presented as a set of integrated questions, photographs and detailed explanatory answers—to educate and not just to test. New images have been added for all cases and multiple choice questions are included for revision purposes. The diagnosis and treatment regimens described are those used by the author over the past 38 years in commercial large animal practice. They acknowledge the time and financial restrictions that occur in many situations, but require no specialised facilities or equipment.

CRC Press  
June 2016 : 344pp  
Pb: 978-1-498-74737-0 : **£46.99**  
eBook: 978-0-429-09156-8

\* For full contents and more information, visit: [www.routledge.com/9781498747370](http://www.routledge.com/9781498747370)

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CRC Press  
June 2022 : 396pp  
Pb: 978-1-032-33759-3 : **£50.99**  
Hb: 978-0-367-26592-2 : **£190**  
eBook: 978-0-429-29410-5

\* For full contents and more information, visit: [www.routledge.com/9781032337593](http://www.routledge.com/9781032337593)

## Demystifying Dog Behaviour for the Veterinarian



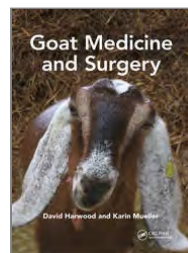
**Kendal Shepherd** Royal College of Veterinary Surgeons

This practical guide for busy veterinarians demystifies canine behaviour while emphasising its importance. Authored by acclaimed veterinary behaviour consultant Kendal Shepherd, the book provides practical knowledge of dog behaviour and an understanding of how to talk about it with clients. Shepherd shows how this can enhance the relationship between owner and pet and between dog and environment as well as improve the vet's own sense of fulfilment and enjoyment of practice. Packed with anecdotes drawn from real-life cases, the principles can be effortlessly assimilated into the average consultation.

CRC Press  
April 2021 : 216pp  
Pb: 978-0-367-54991-6 : **£28.99**  
Hb: 978-0-367-71639-4 : **£190**  
eBook: 978-1-003-15303-0

\* For full contents and more information, visit: [www.routledge.com/9780367549916](http://www.routledge.com/9780367549916)

## Goat Medicine and Surgery



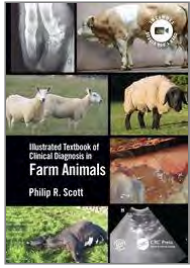
**David Harwood** BVetMed, FRCVS Chairman, GVS; Hon Vet Surgeon, BGS; Visiting Reader in Vet Field Pathology, Dept of Pathology and Infectious Diseases, School of Vet Medicine, University of Surrey, **Karin Mueller** MVSc DCHP DipECBHM MRCVS Senior Lecturer, Institute of Veterinary Science, University of Liverpool; RCVS and European Diplomate & Specialist in Cattle / Bovine Health

Goat Medicine and Surgery describes key diseases encountered in general practice along with their diagnoses, treatment, prognoses, and control. The book is divided into chapters covering each body system. Diseases and disorders are included with the common differential diagnoses followed by the specific diagnosis and recommended treatment(s). In addition the book covers basic anatomy, commons breeds, and husbandry. The book will be invaluable to veterinarians in practice and training, animal scientists and agricultural advisors, and scientists interested in animal welfare.

CRC Press  
March 2020 : 392pp  
Pb: 978-0-367-89342-2 : **£65.99**  
Hb: 978-1-498-74863-6 : **£185**  
eBook: 978-1-315-15223-3

\* For full contents and more information, visit: [www.routledge.com/9780367893422](http://www.routledge.com/9780367893422)

## Illustrated Textbook of Clinical Diagnosis in Farm Animals



**Philip R Scott** Edinburgh Veterinary School

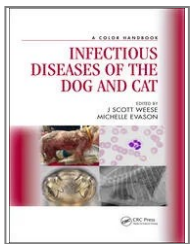
Providing veterinary students with a brand-new approach to large animal medicine, this portable textbook first describes the detailed examination of each organ system achievable on the farm, illustrated via 2000+ unique images and 1000+ video recordings. Key points, images and video recordings then provide differential diagnoses for common farm animal clinical presentations. The repository of video clips show the clinical presentation, diagnosis, recovery or pathology of all common disorders. Small and spiral-bound, the book offers a lifeline for veterinary students during their EMS (extra-mural studies) placements.

CRC Press  
August 2022 : 414pp  
Pb: 978-0-367-61270-2 : **£65.99**  
Hb: 978-1-032-19750-0 : **£170**  
eBook: 978-1-003-10645-6

\* For full contents and more information, visit: [www.routledge.com/9780367612702](http://www.routledge.com/9780367612702)

## Infectious Diseases of the Dog and Cat

A Color Handbook



*Edited by* **J Scott Weese , Michelle Evason**

*Series: Veterinary Color Handbook Series*

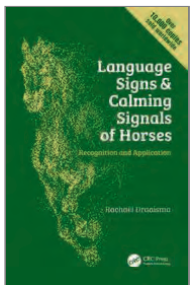
This is a concise and quick reference guide, clinically oriented, based on experience underpinned by published research data. The systems-based approach emphasizes the problem list process utilized by most practitioners when faced with a patient presenting with a single or variety of clinical symptoms. This allows generation of a complete list of infectious disease differentials, and the ability to include or exclude those indicated based on patient risk assessment. Pathogen specific information enables rational choice of diagnostics, therapy, and prognostication for a complete list of small animal infectious disease that includes bacterial, viral, parasitic/protozoal and fungal.

CRC Press  
May 2023 : 328pp  
Pb: 978-1-032-57010-5 : **£51.99**  
Hb: 978-1-498-77551-9 : **£135**  
eBook: 978-0-429-18664-6

\* For full contents and more information, visit: [www.routledge.com/9781032570105](http://www.routledge.com/9781032570105)

## Language Signs and Calming Signals of Horses

Recognition and Application



**Rachaël Draaisma**

This practical book helps you interpret and connect the physical signals that horses display in response to their environment. These signals are evident in the everyday actions, gestures and attitudes that horses communicate to each other, but are often so subtle that they can go unnoticed by humans. This book aims to rectify that, offering horse lovers and equine professionals an opportunity to gain a unique insight into their 'horse's world', allowing them to calm the horse before his stress rises to an unmanageable level.

CRC Press  
October 2017 : 200pp  
Hb: 978-1-138-07015-8 : **£36.99**  
eBook: 978-1-315-26566-7

\* For full contents and more information, visit: [www.routledge.com/9781138070158](http://www.routledge.com/9781138070158)

## Pig Health



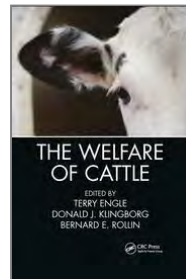
**John Carr , Shih-Ping Chen , Joseph F. Connor**  
Carthage Veterinary Services Ltd., Illinois, USA, **Roy Kirkwood , Joaquim Segalés** Autonomous University of Barcelona, Spain

Maintaining the health of pigs is vital in pig farming and production. This new book written by experts from around the world focuses on the health of pigs, first with coverage of the diseases organized by body system and then with coverage of health maintenance. The book includes over 1,500 high-quality illustrations which, where appropriate, enhance the clinical description. Clinical examination of the individual pig and groups are covered along with environmental medicine.

CRC Press  
March 2020 : 512pp  
Pb: 978-0-367-89340-8 : **£65.99**  
Hb: 978-1-498-70472-4 : **£185**  
eBook: 978-1-315-15706-1

\* For full contents and more information, visit: [www.routledge.com/9780367893408](http://www.routledge.com/9780367893408)

## The Welfare of Cattle



*Edited by* **Terry Engle , Donald J. Klingborg, DVM**  
School of Veterinary Medicine, University of California, Davis, USA, **Bernard E. Rollin** Colorado State University, Fort Collins, USA

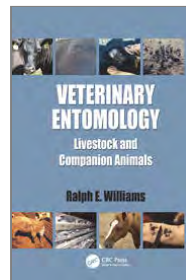
The Welfare of Cattle offers an accurate, detailed account of the ethical and welfare concerns related to the human use of cattle. Covering both beef and dairy cattle, it provides in-depth information on the husbandry roots of traditional agriculture, the replacement of this system by an industrial model, and the resulting welfare challenges associated with feedlots, highly industrialized dairies, and slaughterhouses killing huge numbers of animals who have been transported great distances.

CRC Press  
March 2020 : 368pp  
Pb: 978-0-367-89349-1 : **£65.99**  
Hb: 978-1-138-19706-0 : **£185**  
eBook: 978-1-315-28245-9

\* For full contents and more information, visit: [www.routledge.com/9780367893491](http://www.routledge.com/9780367893491)

## Veterinary Entomology

Livestock and Companion Animals



**Ralph E. Williams** Purdue University, West Lafayette, Indiana, USA

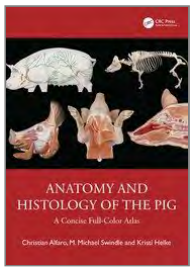
The first modern text dedicated to veterinary entomology, this work identifies those insects and related arthropods affecting the well being of livestock and companion animals. It provides detailed information on the problems they cause, while also offering guidelines on recommended pest management practices with a special emphasis on current trends and technology. The book covers cattle, swine, sheep and goats, poultry, pet animals, and horses. Written by a leading expert, this book is an excellent resource for all those involved with the handling and research of livestock and companion animals, as well as students in entomology, agricultural, and veterinarian science.

CRC Press  
May 2017 : 376pp  
Pb: 978-1-138-11818-8 : **£83.99**  
Hb: 978-1-420-06849-8 : **£220**  
eBook: 978-0-429-18433-8

\* For full contents and more information, visit: [www.routledge.com/9781138118188](http://www.routledge.com/9781138118188)

## Anatomy and Histology of the Pig

A Concise Full-Color Atlas



**Christian Alfaro**, **Michael Swindle** Medical University of South Carolina, **Kristi Helke** South Carolina's Medical Univ.

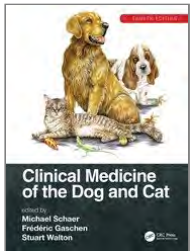
This comprehensive anatomy book is the first guide specific to the pig since 1982. The full-color illustrations are accompanied by written material specific to each anatomic section, with English labeling terms for the various anatomic structures. It will cover all the major areas of interest in swine, including cardiovascular, digestive, neurologic and thoracic structures. Differences between domestic and miniature pigs will be discussed.

CRC Press  
October 2025 : 210pp  
Hb: 978-0-367-26661-5 : £210  
eBook: 978-0-429-29446-4

\* For full contents and more information, visit: [www.routledge.com/9780367266615](http://www.routledge.com/9780367266615)

4TH EDITION

## Clinical Medicine of the Dog and Cat



*Edited by* **Michael Schaer** University of Florida, College of Veterinary Medicine, USA, **Frederic Gaschen** School of Veterinary Medicine, Louisiana State University, **Stuart Walton**

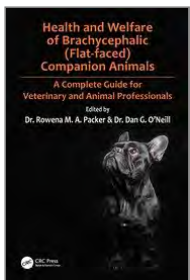
This fourth edition remains the most extensively illustrated and practical small animal veterinary medicine textbook available. It continues and expands on the revolutionary approach of the previous three editions, now including more than 1100 highly relevant clinical colour photographs, diagrams, and tables. The practical information is presented with text, tables, and algorithms, while each chapter is arranged to provide the definition of each disorder, its clinical features, the differential diagnoses, the diagnostic methodology, and the treatment and prognosis.

CRC Press  
October 2022 : 1098pp  
Hb: 978-1-032-16894-4 : £155  
eBook: 978-1-003-25459-1

\* For full contents and more information, visit: [www.routledge.com/9781032168944](http://www.routledge.com/9781032168944)

## Health and Welfare of Brachycephalic (Flat-faced) Companion Animals

A Complete Guide for Veterinary and Animal Professionals



*Edited by* **Rowena Packer** The Royal Veterinary College, **Dan O'Neill** The Royal Veterinary College

Health and welfare issues relating to brachycephalic (flat-faced) dogs are now one of the most pressing problems facing companion animals. This book aims to equip veterinary professionals, animal welfare scientists, dog breeders and the interested owner with the full story about brachycephalic health and welfare. Cutting-edge knowledge is provided on a range of disciplines including anaesthesia, ophthalmology, dermatology, respiratory disease, neurological, dental, reproduction and weight control. The book offers substantial practical advice for veterinary teams on welfare and ethical issues around choosing, owning and caring for brachycephalic dogs to share with clients.

CRC Press  
August 2021 : 418pp  
Pb: 978-0-367-20724-3 : £46.99  
Hb: 978-0-367-20741-0 : £105  
eBook: 978-0-429-26323-1

\* For full contents and more information, visit: [www.routledge.com/9780367207243](http://www.routledge.com/9780367207243)

2ND EDITION

## Pocket Handbook of Small Animal Medicine



**Kit Sturgess** Vet Freedom Ltd, Hampshire, UK

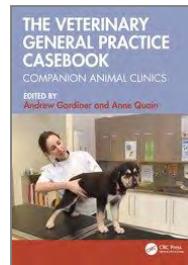
Concise and problem-oriented, this second edition focuses on the essentials of medicine and surgery of the dog and cat. Packed with bullet points, flowcharts and tables for quick reference, the book helps start the process of case management and resolution. It includes tips and hints on interpretation of physical signs, diagnostic tests and management of common presenting conditions. Full colour algorithms assist decision-making, specifically in clinical presentations and critical care. The new edition is completely updated and contains important new sections on client communication and professional conduct, mental health and wellbeing, therapeutics and common procedures.

CRC Press  
March 2025 : 224pp  
Pb: 978-1-498-75877-2 : £56.99  
Hb: 978-1-032-73231-2 : £165  
eBook: 978-0-429-18678-3

\* For full contents and more information, visit: [www.routledge.com/9781498758772](http://www.routledge.com/9781498758772)

## The Veterinary General Practice Casebook

Companion Animal Clinics



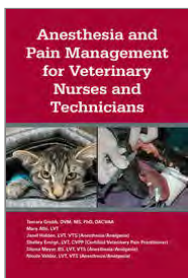
*Edited by* **Andrew Gardiner** University of Edinburgh, **Anne Quain** Sydney School of Veterinary Sc.

The Vet GP Casebook echoes life at the coal face of companion animal practice. Organised into 'clinics', each chapter feels like a day in the life of a busy general practitioner, where emergencies are juggled with routine consultations. Ideal for senior veterinary students, graduates, those returning to practice, and those seeking a GP workout, this book presents cases as they appear in real life, often messier and less complete than textbook descriptions. The clinical content is complemented by topics on wellbeing and professional practice, as well as recipes for simple and nutritious meals to feed veterinary body and soul.

CRC Press  
February 2025 : 360pp  
Pb: 978-1-032-24376-4 : £68.99  
Hb: 978-1-032-24377-1 : £170  
eBook: 978-1-003-27830-6

\* For full contents and more information, visit: [www.routledge.com/9781032243764](http://www.routledge.com/9781032243764)

## Anesthesia and Pain Management for Veterinary Nurses and Technicians



**Tamara L. Grubb, Mary Albi, Shelley Ensign, Janel Holden, Shona Meyer, Nicole Valdez**

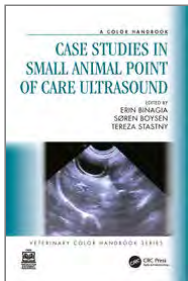
This textbook and clinical guide is ideal for veterinary nurses and technicians in training. It offers a concise yet comprehensive resource for veterinary students and practitioners desiring a review of anesthesia and analgesia with step-by-step guidelines. A wealth of illustrations demonstrate the theory in practice.

Teton NewMedia  
March 2020 : 498pp  
Pb: 978-1-591-61050-2 : £55.99  
eBook: 978-1-351-01291-1

\* For full contents and more information, visit: [www.routledge.com/9781591610502](http://www.routledge.com/9781591610502)

## Case Studies in Small Animal Point of Care Ultrasound

A Color Handbook



*Edited by* **Erin Binagia** Michigan State Univ., **Soren Boysen** Calgary Univ., **Tereza Stastny** Arizona Veterinary, Emergency and Critical Care Centre

*Series: Veterinary Color Handbook Series*

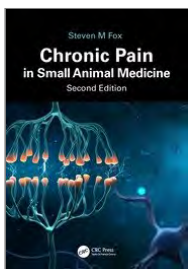
This illustrated practical guide covers the many facets of small animal point of care ultrasound (POCUS) using clinical cases commonly seen in practice. It details specific point of care ultrasound techniques, views, interpretations, pitfalls and knowledge gaps, highlighting the utility initial and serial point of care ultrasound for both diagnostic and patient management purposes. Focusing on commonly asked questions and applications, the authors take a binary question approach to veterinary POCUS, shown to decrease errors in human POCUS. The ideal reference for small animal and mixed practitioners and students, accompanying videos can be accessed by QR codes in the text.

CRC Press  
March 2025 : 440pp  
Pb: 978-0-367-54725-7 : £97.99  
Hb: 978-1-032-56656-6 : £255  
eBook: 978-1-003-43669-0

\* For full contents and more information, visit: [www.routledge.com/9780367547257](http://www.routledge.com/9780367547257)

2ND EDITION

## Chronic Pain in Small Animal Medicine



**Steven M. Fox** SECUIROS - a division of MWI, Clive, Iowa, USA

Over the past decade, many advances have been made in the discipline of pain management, including embracement under the One Medicine initiative to improve the health and well-being of multiple species. Contributing significantly to this progress is the evidence base provided by multimodal management of chronic diseases such as osteoarthritis, a leading cause of pet euthanasia. These advances are explored in this updated edition, which goes beyond common protocols by focusing on the latest evidence and our understanding of 'why and how to treat'.

CRC Press  
August 2023 : 294pp  
Pb: 978-1-032-45144-2 : £86.99  
Hb: 978-1-032-45316-3 : £225  
eBook: 978-1-003-37642-2

\* For full contents and more information, visit: [www.routledge.com/9781032451442](http://www.routledge.com/9781032451442)

2ND EDITION

## Colour Atlas of Reconstructive Techniques in the Dog and Cat



**Gert ter Haar, Bryden J Stanley** Michigan State Univ., **Jolle Kirpensteijn** Hills Pet Nutrition, Topeka, Kansas, USA

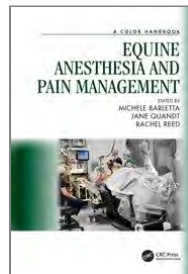
The new edition of this practical atlas describes and illustrates, step-by-step, all currently available reconstructive surgical techniques. With new real-life cases and detailed sketches, the book covers both dogs and cats with skin defects caused by injury or tumor resection. The reader is given the widest possible range of treatment options for dealing with individual cases.

CRC Press  
May 2026 : 370pp  
Hb: 978-0-367-02999-9 : £170

\* For full contents and more information, visit: [www.routledge.com/9780367029999](http://www.routledge.com/9780367029999)

## Equine Anesthesia and Pain Management

A Color Handbook



*Edited by* **Michele Barletta** Georgia Univ., **Jane Quandt** Georgia Univ., **Rachel Reed** Georgia Univ.

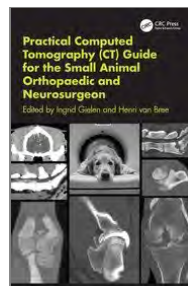
*Series: Veterinary Color Handbook Series*

Equine Anesthesia and Pain Management: A Color Handbook brings together key information for clinicians in an easy-to-use, problem-orientated format. It disseminates a wealth of knowledge in a quick reference style, with a focus on clinical practice. Fifteen chapters cover everything from anesthetic equipment, premedication and physical restraint, to total intravenous anesthesia, inhalant anesthesia and partial intravenous anesthesia, recovery, complications, and euthanasia. Over 250 superb color photographs and diagrams bring the material to life. This book will be invaluable to equine practitioners, veterinary technicians/nurses, and veterinary students.

CRC Press  
October 2022 : 284pp  
Pb: 978-1-498-74958-9 : £78.99  
Hb: 978-1-032-30962-0 : £200  
eBook: 978-0-429-19094-0

\* For full contents and more information, visit: [www.routledge.com/9781498749589](http://www.routledge.com/9781498749589)

## Practical Computed Tomography (CT) Guide for the Small Animal Orthopaedic and Neurosurgeon



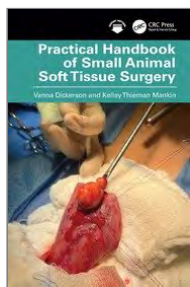
*Edited by* **Ingrid Gielen** Ghent University, Merelbeke, Belgium, **Henri van Bree** Ghent University, Merelbeke, Belgium

More clinics and large practices are investing in Computed Tomography (CT) equipment, meaning veterinary surgeons are often confronted with unfamiliar technical challenges like positioning and handling of the equipment. Even after obtaining the CT images, the interpretation can often be confusing. Split into two parts, looking first at the principles of CT and then drilling down to specific procedures by body region, this book is packed with over 200 high quality images, practical protocols and easy-to-locate information. It provides much needed support in choosing the right equipment, providing the exact protocol and coming to a final diagnosis.

CRC Press  
April 2026 : 426pp  
Hb: 978-1-482-22588-4 : £170  
eBook: 978-1-315-11813-0

\* For full contents and more information, visit: [www.routledge.com/9781482225884](http://www.routledge.com/9781482225884)

## Practical Handbook of Small Animal Soft Tissue Surgery



Vanna Dickerson, Kelley Thiemann Mankin

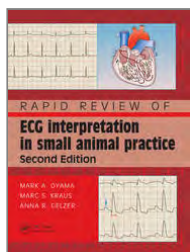
This concise, image-heavy text provides a step-by-step guide to perform common surgical procedures encountered in small animal general practice. A resource for busy practitioners as well as upper-level undergraduate veterinary students, it offers a "how to" with tips and tricks. Select surgical procedures are broken down into steps, including suggested suture materials and patterns. The spiralbound, portable format allows practitioners to reference the book, open, during surgery. The bullet-point presentation also enables fast review of "need to know" information prior to entering the operating room.

CRC Press  
May 2025 : 220pp  
Pb: 978-1-032-48962-9 : £56.99  
Hb: 978-1-032-48963-6 : £190  
eBook: 978-1-003-39163-0

\* For full contents and more information, visit: [www.routledge.com/9781032489629](http://www.routledge.com/9781032489629)

2ND EDITION

## Rapid Review of ECG Interpretation in Small Animal Practice



Mark Oyama Department of Clinical Studies, Matthew J. Ryan Veterinary Hospital, University of Pennsylvania, Philadelphia, USA, Marc S. Kraus, Anna R Gelzer

The standard electrocardiogram (ECG) is an indispensable, safe and inexpensive test to assess dogs and cats with heart disease. After discussing the principles of electrocardiography, this book systematically explores the evaluation of the ECG, including determination of heart rate, measurement of intervals, derivation of mean electrical axis, and criteria for atrial/ventricular enlargement or hypertrophy. This new edition contains instructions on how to obtain an ECG and two new chapters about treatment of the most common clinically important ECG arrhythmias, and on 24hr ECG (Holter) monitoring. It now includes advanced as well as basic cases for the reader to work through.

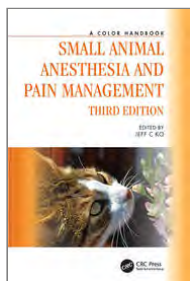
CRC Press  
December 2019 : 156pp  
Pb: 978-0-367-14675-7 : £41.99  
Hb: 978-0-367-14688-7 : £200  
eBook: 978-0-429-05311-5

\* For full contents and more information, visit: [www.routledge.com/9780367146757](http://www.routledge.com/9780367146757)

3RD EDITION

## Small Animal Anesthesia and Pain Management

A Color Handbook



Edited by Jeff C. Ko College of Veterinary Medicine, Purdue University, USA

Series: *Veterinary Color Handbook Series*

Small Animal Anesthesia and Pain Management is a thoroughly updated and much expanded third edition that provides comprehensive coverage of the world of veterinary anesthesia and pain management. This clinically focused text draws upon practical experience and clinical evidence from various sources. It provides drug dosages and anesthetic protocols in tabular form, complemented by over 400 illustrations that enhance comprehension and visual clarity. These chapters shine a spotlight on a newly approved drug, showcasing the practical application of Zenalpha® (medetomidine and vatinoxan) for a range of sedative and anesthetic combinations in dogs and cats.

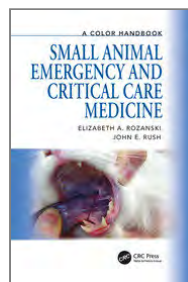
CRC Press  
November 2024 : 478pp  
Hb: 978-1-032-40589-6 : £130  
eBook: 978-1-003-35379-9

\* For full contents and more information, visit: [www.routledge.com/9781032405896](http://www.routledge.com/9781032405896)

2ND EDITION

## Small Animal Emergency and Critical Care Medicine

A Color Handbook



Elizabeth Rozanski School of Veterinary Medicine, Tufts University, Massachusetts, USA, John Rush School of Veterinary Medicine, Tufts University, Massachusetts, USA

Series: *Veterinary Color Handbook Series*

This book focuses on management of the more common emergency and critical care conditions encountered in clinical practice, collated in a concise manual. There are chapters on emergencies affecting each body system, on toxicology and other environmental causes, and on critical care techniques ranging from patient monitoring, anesthesia and analgesia to fluid therapy, transfusion medicine and nutritional support, plus a chapter describing clinical skills and procedures. The text is illustrated by top-quality color photos, imaging, and diagrams, and key information is highlighted in tabular form.

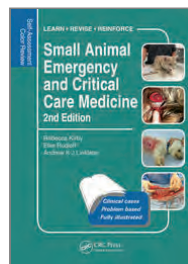
CRC Press  
April 2012 : 330pp  
Pb: 978-1-840-76185-6 : £65.99  
eBook: 978-0-429-15838-4

\* For full contents and more information, visit: [www.routledge.com/9781840761856](http://www.routledge.com/9781840761856)

2ND EDITION

## Small Animal Emergency and Critical Care Medicine

Self-Assessment Color Review, Second Edition



Rebecca Kirby, Rebecca Kirby Gainesville, Florida, USA, Elke Rudloff, Drew Linklater

Series: *Veterinary Self-Assessment Color Review Series*

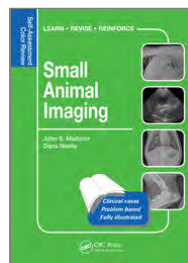
Written by a team of highly skilled authors, this book contains new cases covering all aspects of emergency and critical care medicine where a co-ordinated team approach to patient care is needed. By providing over 200 randomly organised cases in the form of integrated questions, illustrations and explanations, it allows readers to test skills in emergency situations, making rapid decisions, diagnostic and treatment plans. Detailed explanatory answers are then provided which will guide them through each clinical situation.

CRC Press  
February 2015 : 254pp  
Pb: 978-1-482-22592-1 : £46.99  
eBook: 978-0-429-15964-0

\* For full contents and more information, visit: [www.routledge.com/9781482225921](http://www.routledge.com/9781482225921)

## Small Animal Imaging

Self-Assessment Review



John S. Mattoon Adjunct Professor of Radiology, College of Veterinary Medicine, Washington State University, USA, Dana Neelis

Series: *Veterinary Self-Assessment Color Review Series*

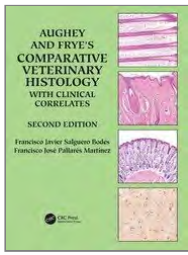
Presented in an easy-to-ready format, Small Animal Imaging: Self-Assessment Color Review offers a case-based approach to reviewing and interpreting images and developing a differential diagnosis when necessary. Nearly 200 cases are presented, each beginning with the patient's age, gender, breed, and species. The reason the patient was brought to the clinic is discussed along with preliminary examination and diagnostic test findings. Supporting high-quality images are also presented with each case. A separate section presents detailed answers including information on the radiographic findings, radiographic diagnosis, comments, and notes on whether further imaging or evaluation is needed.

CRC Press  
March 2018 : 280pp  
Pb: 978-1-482-22520-4 : £46.99  
Hb: 978-1-138-09149-8 : £200  
eBook: 978-1-315-38186-2

\* For full contents and more information, visit: [www.routledge.com/9781482225204](http://www.routledge.com/9781482225204)

2ND EDITION

## Aughey and Frye's Comparative Veterinary Histology with Clinical Correlates



**Francisco Javier Salguero Bodes** Public Health England  
**, Francisco Jose Pallares Martinez** Murcia Univ.

Organized by body system, the new edition of this highly illustrated textbook covers the normal histological appearance of tissues in a wide range of animals, with relevant clinical correlates emphasizing the need to appreciate the normal in order to recognize the abnormal. In this update by two experienced veterinary pathologists and histology lecturers, new species, such as other companion mammals, aquatic species and livestock, are introduced into each chapter along with a wealth of new high-quality images. A new chapter covers epithelial tissue and new techniques used in histology and histopathology are discussed throughout, including ISH and digital image analysis.

CRC Press

April 2023 : 268pp

Pb: 978-1-032-36448-3 : **£60.99**

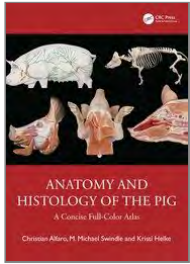
Hb: 978-1-032-36797-2 : **£165**

eBook: 978-1-003-33380-7

\* For full contents and more information, visit: [www.routledge.com/9781032364483](http://www.routledge.com/9781032364483)

## Anatomy and Histology of the Pig

A Concise Full-Color Atlas



**Christian Alfaro**, **Michael Swindle** Medical University of South Carolina, **Kristi Helke** South Carolina's Medical Univ.

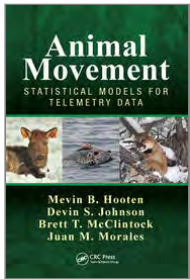
This comprehensive anatomy book is the first guide specific to the pig since 1982. The full-color illustrations are accompanied by written material specific to each anatomic section, with English labeling terms for the various anatomic structures. It will cover all the major areas of interest in swine, including cardiovascular, digestive, neurologic and thoracic structures. Differences between domestic and miniature pigs will be discussed.

CRC Press  
October 2025 : 210pp  
Hb: 978-0-367-26661-5 : **£210**  
eBook: 978-0-429-29446-4

\* For full contents and more information, visit: [www.routledge.com/9780367266615](http://www.routledge.com/9780367266615)

## Animal Movement

Statistical Models for Telemetry Data



**Mevin B. Hooten**, **Devin S. Johnson**, **Brett T. McClintock**, **Juan M. Morales**

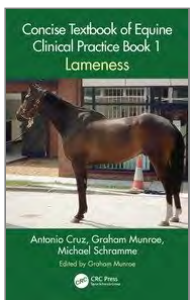
Animal Movement is an essential reference for wildlife biologists, quantitative ecologists, and statisticians who seek a deeper understanding of modern animal movement models. A wide variety of modeling approaches are reconciled in the book using a consistent notation. Models are organized into groups based on how they treat the underlying spatio-temporal process of movement. Connections among approaches are highlighted to allow the reader to form a broader view of animal movement analysis and its associations with traditional spatial and temporal statistical modeling.

CRC Press  
June 2021 : 320pp  
Pb: 978-1-032-09718-3 : **£59.99**  
Hb: 978-1-466-58214-9 : **£190**  
eBook: 978-1-315-11774-4

\* For full contents and more information, visit: [www.routledge.com/9781032097183](http://www.routledge.com/9781032097183)

## Concise Textbook of Equine Clinical Practice Book 1

Lameness



**Antonio Cruz** Justus Liebig Univ. Giessen, **Graham Munroe** Cambridge Veterinary School, **Michael Schramme** Royal College of Vet. Surgeons

This concise, practical text covers the essential information veterinary students need to succeed in Equine practice, focussing on lameness. Written for an international readership, the book conveys the core information in an easily digestible, precise form with extensive use of bullet-points, lists, protocols and extensive illustration (over 650 full colour, high quality photographs and radiographs). Part of a five-book series that extracts key information from Munroe's Equine Surgery, Reproduction and Medicine, the book distils best practice in a logical clinical-based approach. The spiralbound format allows the book to lie open during practice.

CRC Press  
October 2023 : 364pp  
Pb: 978-1-032-06614-1 : **£62.99**  
Hb: 978-1-032-43886-3 : **£165**  
eBook: 978-1-003-36922-6

\* For full contents and more information, visit: [www.routledge.com/9781032066141](http://www.routledge.com/9781032066141)

## Concise Textbook of Large Animal Handling

A Practical Handbook



**C. B. Chastain** Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

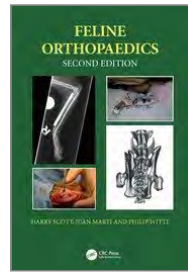
This concise, instructional guide condenses the most important aspects of large animal handling. It provides a portable, durable, beside-the-animal means of learning, as well as a convenient way to refresh on safety and efficacy in animal handling techniques. The text covers handler and animal safety, sanitation, approach and capture, routine handling and release, handling for medical procedures and use of restraint equipment. Important reading for undergraduate veterinary students on EMS rotations, as well as practicing veterinarians, technicians and assistants, the book covers species encountered in farm, equine and laboratory settings.

CRC Press  
June 2023 : 322pp  
Pb: 978-0-367-62809-3 : **£44.99**  
Hb: 978-0-367-62812-3 : **£115**  
eBook: 978-1-003-11091-0

\* For full contents and more information, visit: [www.routledge.com/9780367628093](http://www.routledge.com/9780367628093)

2ND EDITION

## Feline Orthopaedics



**Harry Scott** Southern Counties Veterinary Specialists, Hangersley, Ringwood, Hampshire, United Kingdom, **Juan M. Marti**, **Philip Witte** Southern Counties Veterinary Specialists, Hangersley, Ringwood, Hampshire, United Kingdom

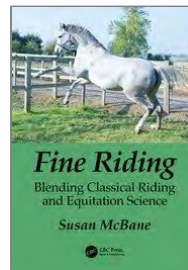
Cats are not referred to specialists as frequently as dogs, meaning the general practitioner must routinely treat cats that have been involved in traffic accidents and other musculoskeletal trauma. This book was the first to provide a practical and user-friendly guide to feline orthopaedics and this second edition has been thoroughly updated, with new chapters on Physiotherapy and Oncology of the Feline Skeletal System. The text is supported by high quality radiographs, colour photographs and line drawings to illustrate principles, techniques and procedures, appealing to GP veterinarians, specialist feline practitioners and students.

CRC Press  
May 2022 : 401pp  
Hb: 978-1-498-76497-1 : **£130**  
eBook: 978-0-429-09153-7

\* For full contents and more information, visit: [www.routledge.com/9781498764971](http://www.routledge.com/9781498764971)

## Fine Riding

Blending Classical Riding and Equitation Science



**Susan McBane**

In precise, practical language, Fine Riding describes how to blend the principles of classical riding with the modern findings of Equitation Science. Applicable to riding of all schools of thought, from hacking to racing, including jumping, McBane applies the results of rigorous scientific studies to the historical, classical training and riding of horses in an ethical, humane and effective way. The book explains the principles of 'fine riding' in such a way that readers will feel able to put them into effect themselves, serving their horses with renewed understanding and commitment.

CRC Press  
September 2021 : 226pp  
Pb: 978-0-367-63894-8 : **£41.99**  
Hb: 978-0-367-63895-5 : **£105**  
eBook: 978-1-003-12119-0

\* For full contents and more information, visit: [www.routledge.com/9780367638948](http://www.routledge.com/9780367638948)

## How to Build a Puppy

Into a Healthy Adult Dog



**Julia Robertson** Galen Myotherapy, UK

Using her world-renowned Galen Myotherapy Puppy Physical Development Plan®, Robertson suggests small but important changes to the way we look after puppies and growing dogs. Environment, exercise and activity habits have deep, ongoing effects and the book explores ways in which positive change can be integrated easily into our normal lives. A section on anatomy explains how everything fits together while practical exercises and activities help build good foundations. This book will help canine professionals better advise their clients, but also empower readers to ask more questions from their vet, breeder, or puppy trainer.

CRC Press

June 2022 : 288pp

Pb: 978-1-032-21520-4 : **£25.99**

Hb: 978-1-032-21521-1 : **£65.99**

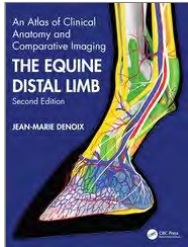
eBook: 978-1-003-26878-9

\* For **full contents** and more information, visit: [www.routledge.com/9781032215204](http://www.routledge.com/9781032215204)

2ND EDITION

## The Equine Distal Limb

An Atlas of Clinical Anatomy and Comparative Imaging



**Jean-Marie Denoix**

This new edition replaces existing ultrasound images and most of the radiographic and MRI images with new, updated versions and adds new images of extraordinarily high quality, the multiple views of each area of the distal limb providing an extremely detailed evaluation. The diagnosis and management of distal limb lameness require a precise knowledge of the functional anatomy and biomechanics of the equine distal joints, ligaments and tendons which are presented in the last chapter. The book is designed for maximum clarity using a generous page size. The atlas is essential for anybody involved in detailed anatomical study, complex lameness evaluation or advanced imaging techniques.

CRC Press

April 2025 : 464pp

Hb: 978-1-032-06071-2 : **£235**

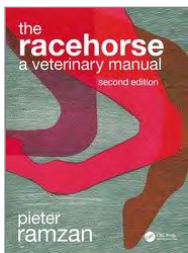
eBook: 978-1-003-20060-4

\* For **full contents** and more information, visit: [www.routledge.com/9781032060712](http://www.routledge.com/9781032060712)

2ND EDITION

## The Racehorse

A Veterinary Manual



**Piet Ramzan** Rossdales Veterinary Surgeons

This has become the definitive text for primary care of the Thoroughbred racehorse. Written by one of the world's leading racehorse veterinary clinicians, it sets out best practice standards of diagnosis and management of all the major conditions likely to be encountered in racehorse clinical practice, as well as comprehensively reviewing subjects as diverse as pre-purchase assessment and exercise physiology. This second edition has been thoroughly updated and introduces new chapters on a range of topics from injury risk assessment to electrolyte and fluid therapy.

CRC Press

July 2023 : 498pp

Hb: 978-0-367-42831-0 : **£175**

eBook: 978-1-003-00384-7

\* For **full contents** and more information, visit: [www.routledge.com/9780367428310](http://www.routledge.com/9780367428310)

2ND EDITION

## Avian Medicine and Surgery

Self-Assessment Color Review, Second Edition



Edited by **Neil A. Forbes** Great Western Exotic Vets, Swindon, UK, **David Sanchez-Migallon Guzman** UC Davis, California, USA

Series: *Veterinary Self-Assessment Color Review Series*

The completely revamped second edition of Avian Medicine and Surgery includes over 260 all-new colour illustrated cases. The international editor and author team present a breadth of cases in random order, just as they would occur in actual practice. Questions based on each case are accompanied with answers that fully explore the disease or disorder in question. The book provides a valuable reference for both candidates preparing for examinations and practitioners in their continuing education.

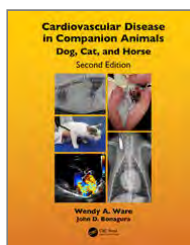
CRC Press  
July 2017 : 384pp  
Pb: 978-1-498-70351-2 : £46.99  
eBook: 978-1-315-11937-3

\* For full contents and more information, visit: [www.routledge.com/9781498703512](http://www.routledge.com/9781498703512)

2ND EDITION

## Cardiovascular Disease in Companion Animals

Dog, Cat and Horse



Wendy A. Ware Iowa State University, Ames, USA, **John D. Bonagura** The Ohio State University College of Veterinary Medicine, Columbus, USA

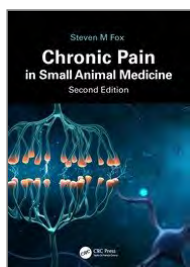
This new edition of Cardiovascular Disease in Companion Animals now covers the horse as well as small animals. The book has been completely revised, expanded into five key sections, and contains a new Summary Formulary at end. Since first publication in 2007, Dr Ware's authoritative yet user-friendly guide to cardiovascular diseases and disorders in veterinary practice has been widely praised. Coverage includes evaluation techniques, investigative procedures, diagnosis, medical and surgical management options and methods. This second edition is a must-have for general practitioners, veterinary students, and residents.

CRC Press  
August 2021 : 966pp  
Hb: 978-1-482-24622-3 : £200  
eBook: 978-0-429-18663-9

\* For full contents and more information, visit: [www.routledge.com/9781482246223](http://www.routledge.com/9781482246223)

2ND EDITION

## Chronic Pain in Small Animal Medicine



**Steven M. Fox** SECURUS - a division of MWI, Clive, Iowa, USA

Over the past decade, many advances have been made in the discipline of pain management, including embracement under the One Medicine initiative to improve the health and well-being of multiple species. Contributing significantly to this progress is the evidence base provided by multimodal management of chronic diseases such as osteoarthritis, a leading cause of pet euthanasia. These advances are explored in this updated edition, which goes beyond common protocols by focusing on the latest evidence and our understanding of 'why and how to treat'.

CRC Press  
August 2023 : 294pp  
Pb: 978-1-032-45144-2 : £86.99  
Hb: 978-1-032-45316-3 : £225  
eBook: 978-1-003-37642-2

\* For full contents and more information, visit: [www.routledge.com/9781032451442](http://www.routledge.com/9781032451442)

4TH EDITION

## Clinical Medicine of the Dog and Cat



Edited by **Michael Schaer** University of Florida, College of Veterinary Medicine, USA, **Frederic Gaschen** School of Veterinary Medicine, Louisiana State University, **Stuart Walton**

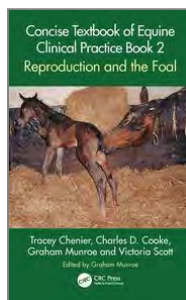
This fourth edition remains the most extensively illustrated and practical small animal veterinary medicine textbook available. It continues and expands on the revolutionary approach of the previous three editions, now including more than 1100 highly relevant clinical colour photographs, diagrams, and tables. The practical information is presented with text, tables, and algorithms, while each chapter is arranged to provide the definition of each disorder, its clinical features, the differential diagnoses, the diagnostic methodology, and the treatment and prognosis.

CRC Press  
October 2022 : 1098pp  
Hb: 978-1-032-16894-4 : £155  
eBook: 978-1-003-25459-1

\* For full contents and more information, visit: [www.routledge.com/9781032168944](http://www.routledge.com/9781032168944)

## Concise Textbook of Equine Clinical Practice Book 2

Reproduction and the Foal



**Tracey Chenier** Ontario Vet. College, **Charles D. Cooke** Equine Reproductive Services, **Graham Munroe** Cambridge Veterinary School, **Victoria Scott** Univ. of Glasgow

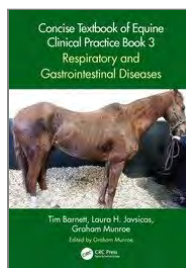
This concise, practical text covers the essential information veterinary students, new graduates and practitioners need to succeed in Equine practice, focussing on reproduction. Written for an international readership, the book conveys the core information in an easily digestible, precise form with extensive use of bullet-points, lists, diagrams, protocols and extensive illustrations. Part of a five-book series that extracts and updates key information from Munroe's Equine Surgery, Reproduction and Medicine, Second Edition, the book distils best practice in a logical straightforward clinical-based approach. The spiralbound format allows the book to lie open during practice.

CRC Press  
October 2023 : 222pp  
Pb: 978-1-032-06618-9 : £62.99  
Hb: 978-1-032-47982-8 : £165  
eBook: 978-1-003-38683-4

\* For full contents and more information, visit: [www.routledge.com/9781032066189](http://www.routledge.com/9781032066189)

## Concise Textbook of Equine Clinical Practice Book 3

Respiratory and Gastrointestinal Diseases



**Tim Barnett** Rossdales Veterinary Surgeons, **Laura H. Javicas** Rhinebeck Equine, NY, **Graham Munroe** Cambridge Veterinary School

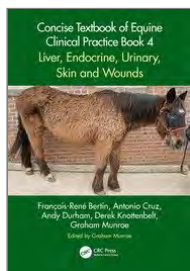
This concise, practical text covers the essential information veterinary students and nurses, new graduates and practitioners need to succeed in equine medicine, focussing on respiratory and gastrointestinal diseases. Written for an international readership, the book conveys the core information in an easily digestible, precise form with extensive use of bullet-points, lists, diagrams, protocols and extensive illustration (over 200 full colour, high-quality photographs). The emphasis is on information tailored to general equine students and clinicians with just enough on advanced techniques to make the practitioner aware of what is available elsewhere.

CRC Press  
February 2024 : 296pp  
Pb: 978-1-032-06616-5 : £68.99  
Hb: 978-1-032-54838-8 : £175  
eBook: 978-1-003-42771-1

\* For full contents and more information, visit: [www.routledge.com/9781032066165](http://www.routledge.com/9781032066165)

## Concise Textbook of Equine Clinical Practice Book 4

Liver, Endocrine, Urinary, Skin and Wounds



Edited by **Graham Munroe** Cambridge Veterinary School, **François-René Bertin** Univ. of Queensland, **Andy Durham** Liphook Equine Hospital, **Derek Knottenbelt** Equine Medical Solutions, **Antonio Cruz** Justus Liebig Univ. Giessen

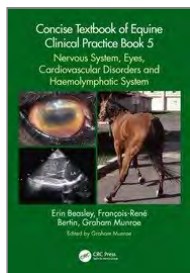
This concise, practical text covers the essential information Equine veterinary students need, focusing on skin, urinary, liver and endocrine diseases. The book conveys the core information in an easily digestible, precise form with extensive use of bullet-points, tables, flow-charts, diagrams, lists, protocols and extensive illustration. Part of a five-book series that extracts and updates key information from Munroe's Equine Surgery, Reproduction and Medicine, Second Edition, the book distils best practice in a logical straightforward clinical-based approach. Ideal for veterinary students, nurses and practitioners needing a quick reference 'on the ground'.

CRC Press  
February 2024 : 196pp  
Pb: 978-1-032-06617-2 : **£68.99**  
Hb: 978-1-032-59226-8 : **£175**  
eBook: 978-1-003-45366-6

\* For full contents and more information, visit: [www.routledge.com/9781032066172](http://www.routledge.com/9781032066172)

## Concise Textbook of Equine Clinical Practice Book 5

Nervous System, Eyes, Cardiovascular Disorders and Haemolymphatic System



**Erin Beasley** Univ. of Georgia, **François-René Bertin** Univ. of Queensland, **Graham Munroe** Cambridge Veterinary School

This concise, practical text covers the essential information veterinary students need to succeed in Equine medicine and surgery, focusing on the nervous system, eyes, cardiovascular disorders and haemolymphatic systems. Part of a five-book series that extracts and updates key information from Munroe's Equine Surgery, Reproduction and Medicine, Second Edition, the book distils best practice in a logical straightforward clinical-based approach. Ideal for veterinary students and nurses on clinical placements with horses as well as practitioners needing a quick reference 'on the ground'. The spiralbound format allows the book to lie open during practice.

CRC Press  
February 2024 : 224pp  
Pb: 978-1-032-58600-7 : **£68.99**  
Hb: 978-1-032-58876-6 : **£175**  
eBook: 978-1-003-45192-1

\* For full contents and more information, visit: [www.routledge.com/9781032586007](http://www.routledge.com/9781032586007)

## Concise Textbook of Large Animal Handling

A Practical Handbook



**C. B. Chastain** Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

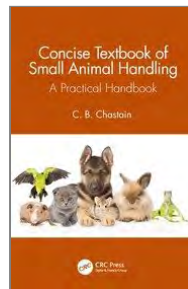
This concise, instructional guide condenses the most important aspects of large animal handling. It provides a portable, durable, beside-the-animal means of learning, as well as a convenient way to refresh on safety and efficacy in animal handling techniques. The text covers handler and animal safety, sanitation, approach and capture, routine handling and release, handling for medical procedures and use of restraint equipment. Important reading for undergraduate veterinary students on EMS rotations, as well as practicing veterinarians, technicians and assistants, the book covers species encountered in farm, equine and laboratory settings.

CRC Press  
June 2023 : 322pp  
Pb: 978-0-367-62809-3 : **£44.99**  
Hb: 978-0-367-62812-3 : **£115**  
eBook: 978-1-003-11091-0

\* For full contents and more information, visit: [www.routledge.com/9780367628093](http://www.routledge.com/9780367628093)

## Concise Textbook of Small Animal Handling

A Practical Handbook



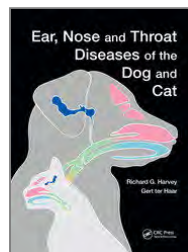
**C. B. Chastain** Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

This instructional pocket reference condenses the most important aspects of small animal handling. It provides a portable, durable means of learning 'on the ground'. Spiralbound for practical use at the animal's side during veterinary placements in a clinic or laboratory, the text covers handler safety, animal safety, sanitation, approach and capture, handling for medical procedures and use and supply sources of restraint equipment. A Companion Website provides additional self-assessment questions and answers to aid learning. Important reading for undergraduate veterinary students as well as practicing technicians, nurses and assistants.

CRC Press  
April 2022 : 242pp  
Pb: 978-0-367-62813-0 : **£35.99**  
Hb: 978-0-367-62814-7 : **£94.99**  
eBook: 978-1-003-11092-7

\* For full contents and more information, visit: [www.routledge.com/9780367628130](http://www.routledge.com/9780367628130)

## Ear, Nose and Throat Diseases of the Dog and Cat



**Richard Harvey**, **Gert ter Haar** Royal Veterinary College, UK

The book is divided into four sections – The Ear, The Nose, The Throat and Surgery of the Ear, Nose and Throat. Each of the first three sections discusses anatomy and physiology and then reviews a wide variety of diagnostic procedures. Chapters in each of the three sections then provides a detailed and extensive review of the diseases of the pinna, external ear canal, middle ear and inner ear – nasal planum, nasal cavities and sinuses and nasopharynx – pharynx and larynx. The final section opens with a chapter on perioperative management with subsequent chapters that cover surgery of the ear, nose and throat.

CRC Press  
September 2018 : 520pp  
Pb: 978-0-367-13317-7 : **£48.99**  
Hb: 978-1-482-23649-1 : **£155**  
eBook: 978-1-315-37306-5

\* For full contents and more information, visit: [www.routledge.com/9780367133177](http://www.routledge.com/9780367133177)

## Health and Welfare of Brachycephalic (Flat-faced) Companion Animals

A Complete Guide for Veterinary and Animal Professionals



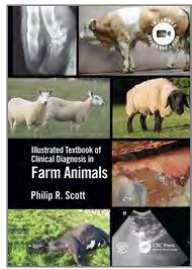
Edited by **Rowena Packer** The Royal Veterinary College, **Dan O'Neill** The Royal Veterinary College

Health and welfare issues relating to brachycephalic (flat-faced) dogs are now one of the most pressing problems facing companion animals. This book aims to equip veterinary professionals, animal welfare scientists, dog breeders and the interested owner with the full story about brachycephalic health and welfare. Cutting-edge knowledge is provided on a range of disciplines including anaesthesia, ophthalmology, dermatology, respiratory disease, neurological, dental, reproduction and weight control. The book offers substantial practical advice for veterinary teams on welfare and ethical issues around choosing, owning and caring for brachycephalic dogs to share with clients.

CRC Press  
August 2021 : 418pp  
Pb: 978-0-367-20724-3 : **£46.99**  
Hb: 978-0-367-20741-0 : **£105**  
eBook: 978-0-429-26323-1

\* For full contents and more information, visit: [www.routledge.com/9780367207243](http://www.routledge.com/9780367207243)

## Illustrated Textbook of Clinical Diagnosis in Farm Animals



**Philip R Scott** Edinburgh Veterinary School

Providing veterinary students with a brand-new approach to large animal medicine, this portable textbook first describes the detailed examination of each organ system achievable on the farm, illustrated via 2000+ unique images and 1000+ video recordings. Key points, images and video recordings then provide differential diagnoses for common farm animal clinical presentations. The repository of video clips show the clinical presentation, diagnosis, recovery or pathology of all common disorders. Small and spiral-bound, the book offers a lifeline for veterinary students during their EMS (extra-mural studies) placements.

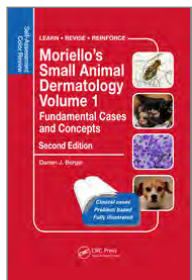
CRC Press  
August 2022 : 414pp  
Pb: 978-0-367-61270-2 : **£65.99**  
Hb: 978-1-032-19750-0 : **£170**  
eBook: 978-1-003-10645-6

\* For full contents and more information, visit: [www.routledge.com/9780367612702](http://www.routledge.com/9780367612702)

2ND EDITION

## Moriello's Small Animal Dermatology, Fundamental Cases and Concepts

Self-Assessment Color Review



**Darren Berger**

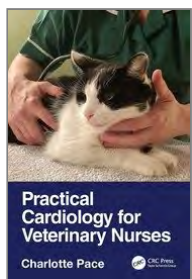
*Series: Veterinary Self-Assessment Color Review Series*

Karen Moriello's seminal book has been completely updated in an effort to create a true two-volume set highlighting fundamental and advanced concepts. This revised fundamental edition includes all new cases and nearly 300 new images. The guide uses a case-based format to deliver a general overview of dermatology of the dog and cat, providing a reference that mirrors the way veterinarians will encounter different scenarios at random in real-life practice. It uses self-assessment problems to review the most common skin diseases encountered every day, plus some more obscure diseases that a veterinarian will face.

CRC Press  
December 2019 : 306pp  
Pb: 978-0-815-37154-0 : **£46.99**  
Hb: 978-0-815-37163-2 : **£190**  
eBook: 978-0-429-08606-9

\* For full contents and more information, visit: [www.routledge.com/9780815371540](http://www.routledge.com/9780815371540)

## Practical Cardiology for Veterinary Nurses



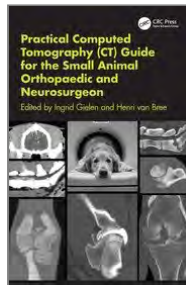
**Charlotte Pace** Royal Veterinary College

This concise textbook provides a comprehensive, practical guide for veterinary nurses and technicians who wish to develop their knowledge, confidence and skills when nursing the cardiac patient. Presentation of dogs or cats with heart disease are common and it is vital that nurses understand how to look after these patients appropriately and support owners through what can often be challenging times. The book is packed with learning features including a Glossary, diagrams, illustrations and tables in full colour, concise end of chapter Key Points and Further Reading lists. This is the book that general practice veterinary nurses have been waiting for!

CRC Press  
December 2022 : 162pp  
Pb: 978-0-367-64102-3 : **£38.99**  
Hb: 978-0-367-64106-1 : **£99.99**  
eBook: 978-1-003-12217-3

\* For full contents and more information, visit: [www.routledge.com/9780367641023](http://www.routledge.com/9780367641023)

## Practical Computed Tomography (CT) Guide for the Small Animal Orthopaedic and Neurosurgeon



*Edited by* **Ingrid Gielen** Ghent University, Merelbeke, Belgium, **Henri van Bree** Ghent University, Merelbeke, Belgium

More clinics and large practices are investing in Computed Tomography (CT) equipment, meaning veterinary surgeons are often confronted with unfamiliar technical challenges like positioning and handling of the equipment. Even after obtaining the CT images, the interpretation can often be confusing. Split into two parts, looking first at the principles of CT and then drilling down to specific procedures by body region, this book is packed with over 200 high quality images, practical protocols and easy-to-locate information. It provides much needed support in choosing the right equipment, providing the exact protocol and coming to a final diagnosis.

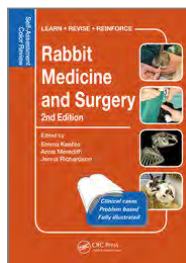
CRC Press  
April 2026 : 426pp  
Hb: 978-1-482-22588-4 : **£170**  
eBook: 978-1-315-11813-0

\* For full contents and more information, visit: [www.routledge.com/9781482225884](http://www.routledge.com/9781482225884)

2ND EDITION

## Rabbit Medicine and Surgery

Self-Assessment Color Review, Second Edition



*Edited by* **Emma Keeble** University of Edinburgh, Roslin, UK, **Anna Meredith** University of Edinburgh, Roslin, UK, **Jenna Richardson** University of Edinburgh, Roslin, UK

*Series: Veterinary Self-Assessment Color Review Series*

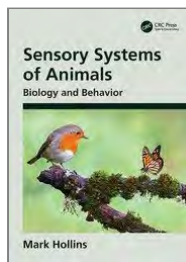
This book covers a wide range of topics from basic biology and husbandry to advanced diagnostic, medical, and surgical techniques. This new edition offers an increased emphasis on more advanced diagnostic and imaging techniques as well as recent advances in emergency care, analgesia, and surgery. Written by practitioners with many years of experience treating rabbits, this highly illustrated and easy-to-read edition includes 230 new and updated cases in random order, as they would be presented in practice. Each case includes questions with answers that fully explore the disease or disorder in question. It is an invaluable resource for all those working with pet rabbits.

CRC Press  
June 2016 : 260pp  
Pb: 978-1-498-73079-2 : **£41.99**  
eBook: 978-0-429-15493-5

\* For full contents and more information, visit: [www.routledge.com/9781498730792](http://www.routledge.com/9781498730792)

## Sensory Systems of Animals

Biology and Behavior



**Mark Hollins**

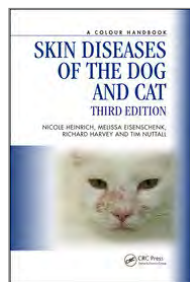
The aim of this book is to provide a knowledge base and unifying perspective on the field that will enable beginning researchers to chart their own course within it. The emphasis throughout is on research, in both the behavioral/ethological and neuroscientific traditions, that has led to important discoveries. With over 500 references and 80 illustrations, this textbook is primary reading intended for advanced undergraduates and beginning graduate students of veterinary science, lab animal science, and zoology. It would also be of great interest to professionals and academics working with animals such as veterinary professionals and zookeepers.

CRC Press  
October 2024 : 264pp  
Pb: 978-1-032-42328-9 : **£52.99**  
Hb: 978-1-032-42331-9 : **£140**  
eBook: 978-1-003-36231-9

\* For full contents and more information, visit: [www.routledge.com/9781032423289](http://www.routledge.com/9781032423289)

3RD EDITION

## Skin Diseases of the Dog and Cat



**Nicole A. Heinrich, Melissa Eisenschenk** American College of Veterinary Dermatology, Waconia, Wisconsin, USA, **Richard G. Harvey** The Veterinary Centre, Cheylesmore, Coventry, UK, **Tim Nuttall** Senior Lecturer in Veterinary Dermatology, University Of Liverpool Small Animal Hospital, UK

Series: *Veterinary Color Handbook Series*

Following critical acclaim for the first and second editions of *Skin Diseases of the Dog and Cat*, this new third edition has been thoroughly updated while preserving the inherent strengths of the book. The practical handbook takes a problem-oriented approach, with 13 chapters covering dermatoses classified by their principle presenting sign, including a brand new chapter on diseases of abnormal keratinization and scaling. The concise, systematically structured text covers definition, aetiology and pathogenesis, clinical features, differential diagnoses, diagnostic tests, and management, with a focus on clinical practice and the need to explain the disease to the owner.

CRC Press

November 2018 : 312pp

Pb: 978-1-138-30870-1 : **£58.99**

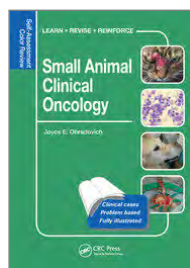
Hb: 978-1-482-22596-9 : **£190**

eBook: 978-1-315-11814-7

\* For full contents and more information, visit: [www.routledge.com/9781138308701](http://www.routledge.com/9781138308701)

## Small Animal Clinical Oncology

Self-Assessment Color Review



**Joyce E. Obradovich, DVM, DACVIM** Animal Cancer and Imaging Center, Canton, Michigan, USA

Series: *Veterinary Self-Assessment Color Review Series*

Written by a respected expert in the field, this new addition to the Self-Assessment Color Review series covers clinical oncology of the dog and cat. More than 200 cases appear in random order, just as they would in practice. These cases are presented as self-assessment problems comprising integrated questions, illustrations and detailed explanations designed to educate on the big picture as well as to provide immediate answers.

CRC Press

September 2016 : 328pp

Pb: 978-1-482-22539-6 : **£46.99**

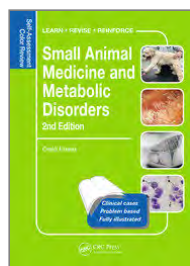
eBook: 978-1-315-38185-5

\* For full contents and more information, visit: [www.routledge.com/9781482225396](http://www.routledge.com/9781482225396)

2ND EDITION

## Small Animal Medicine and Metabolic Disorders

Self-Assessment Color Review



Edited by **Craig Ruaux** Massey University, Institute of Veterinary and Biomedical Sciences, Palmerston North, New Zealand

Series: *Veterinary Self-Assessment Color Review Series*

Nearly 20 years after Bryn Tennant's first edition, this new update covers all aspects of diseases and disorders and affecting organs of the abdominal cavity and the endocrine/metabolic system in a case-based format. Responding to advances in imaging technology, digital radiography and high-resolution ultrasonography as well as the growth in specialised diagnostic tests for many diseases, editor Craig Ruaux brings together a wide variety of new cases. These cases cover a wide spectrum of metabolic, endocrine, immune-mediated, inflammatory and infectious diseases and range in difficulty. They are presented in random order, as they would appear in everyday practice.

CRC Press

February 2019 : 288pp

Pb: 978-1-138-03572-0 : **£46.99**

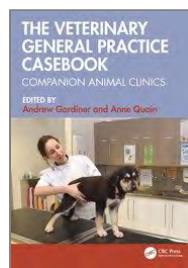
Hb: 978-1-138-39243-4 : **£200**

eBook: 978-0-429-40172-5

\* For full contents and more information, visit: [www.routledge.com/9781138035720](http://www.routledge.com/9781138035720)

## The Veterinary General Practice Casebook

Companion Animal Clinics



Edited by **Andrew Gardiner** University of Edinburgh, **Anne Quain** Sydney School of Veterinary Sc.

The Vet GP Casebook echoes life at the coal face of companion animal practice. Organised into 'clinics', each chapter feels like a day in the life of a busy general practitioner, where emergencies are juggled with routine consultations. Ideal for senior veterinary students, graduates, those returning to practice, and those seeking a GP workout, this book presents cases as they appear in real life, often messier and less complete than textbook descriptions. The clinical content is complemented by topics on wellbeing and professional practice, as well as recipes for simple and nutritious meals to feed veterinary body and soul.

CRC Press

February 2025 : 360pp

Pb: 978-1-032-24376-4 : **£68.99**

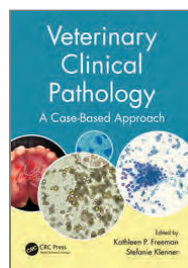
Hb: 978-1-032-24377-1 : **£170**

eBook: 978-1-003-27830-6

\* For full contents and more information, visit: [www.routledge.com/9781032243764](http://www.routledge.com/9781032243764)

## Veterinary Clinical Pathology

A Case-Based Approach



Edited by **Kathleen P. Freeman** Kathleen P. Freeman DVM BS MS PhD DipECVCP FRCPath MRCVS RCVS Specialist in Veterinary Pathology (Clinical Pathology), European Veterinary Specialist in Clinical Pathology, IDEXX Laboratories, UK, **Stefanie Klenner** Stefanie Klenner, Dr.med.vet, DipECVCP European Veterinary Specialist in Clinical Pathology scil animal care company GmbH, Viernheim, Germany

Presenting 200 cases and questions for those interested in improving their skills in veterinary clinical pathology, this book emphasises an understanding of the basic pathophysiologic mechanisms of disease, differential diagnoses and a recognition of patterns associated with various diseases or conditions. Topics discussed include haematology, clinical chemistry, endocrinology, acid-base and blood gas analysis, haemostasis, urinalysis, biological variation and quality control. Species covered include the cat, dog and horse, with additional material on ruminants.

CRC Press

June 2015 : 288pp

Pb: 978-1-482-22587-7 : **£65.99**

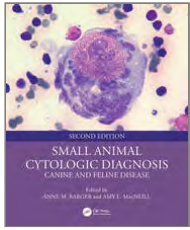
eBook: 978-0-429-15872-8

\* For full contents and more information, visit: [www.routledge.com/9781482225877](http://www.routledge.com/9781482225877)

2ND EDITION

## Small Animal Cytologic Diagnosis

Canine and Feline Disease



*Edited by* **Anne M. Barger** University of Illinois, Urbana, USA, **Amy L. MacNeill** University of Illinois, Urbana, USA

This second edition of Small Animal Cytologic Diagnosis presents clinically applicable information about the use of cytology in small animals and indicates when advanced diagnostic testing can be beneficial to diagnose underlying disease processes. It includes more images, additional cases, and a new user-friendly chapter organization.

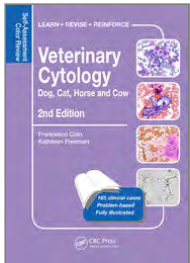
CRC Press  
December 2024 : 548pp  
Hb: 978-1-032-19297-0 : £135  
eBook: 978-1-003-25855-1

\* For full contents and more information, visit: [www.routledge.com/9781032192970](http://www.routledge.com/9781032192970)

2ND EDITION

## Veterinary Cytology

Dog, Cat, Horse and Cow: Self-Assessment Color Review, Second Edition



*Edited by* **Francesco Cian** Recognised Specialist in Veterinary Pathology (Clinical Pathology), BattLab, University of Warwick Science Park, Coventry, Warwickshire, UK, **Kathleen Freeman** Specialist in Veterinary Pathology (Clinical Pathology) European; Veterinary Specialist in Clinical Pathology IDEXX Laboratories, Wetherby, West Yorkshire, UK

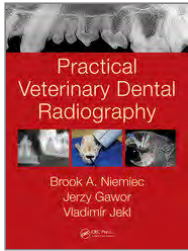
*Series: Veterinary Self-Assessment Color Review Series*

This highly visual book provides a comprehensive survey of cytological features and patterns as an aid to study, revision and continuing education for veterinarians in practice and training. Illustrated in full-colour with over 240 photomicrographs, the cases are presented randomly and appear as self-assessment questions with detailed explanatory answers. Species covered include the dog, the cat, the horse, and the cow. The new edition adds 89 brand new cases and updates all the existing content to ensure its continued relevance in practice. This fully-revised second edition continues to be an invaluable reference for veterinary practitioners, veterinary students, nurses, and technicians.

CRC Press  
January 2017 : 240pp  
Pb: 978-1-498-76671-5 : £46.99  
eBook: 978-1-315-18246-9

\* For full contents and more information, visit: [www.routledge.com/9781498766715](http://www.routledge.com/9781498766715)

## Practical Veterinary Dental Radiography



**Brook A. Niemiec** Southern California Veterinary Dental Specialties, San Diego, CA 92123, USA, **Jerzy Gawor**, **Vladimír Jekl** University of Veterinary and Pharmaceutical Sciences Brno, Avian and Exotic Animal Clinic, Czech Republic

With over 1000 clear, high-quality images, this in-depth full-colour guide covers all aspects of veterinary dental radiography. Chapters explain the indications for this key area of veterinary practice, the equipment used, the essential techniques in developing and processing the radiograph, common errors made and the pathology of the teeth. The book also explores radiograph interpretation in seven detailed sections, discussing all aspects from normal radiographic anatomy to Endodontic disease and trauma. An additional chapter covers techniques and interpretation with exotics in three sections; rabbits, ferrets and rodents.

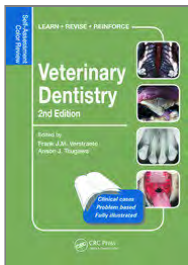
CRC Press  
November 2017 : 384pp  
Hb: 978-1-482-22543-3 : £99.99  
eBook: 978-1-315-17733-5

\* For full contents and more information, visit: [www.routledge.com/9781482225433](http://www.routledge.com/9781482225433)

2ND EDITION

## Veterinary Dentistry

Self-Assessment Color Review, Second Edition



**Frank Verstraete** University of California, Davis, USA, **Anson J. Tsugawa** Dog and Cat Dentist Inc, Culver City, USA

*Series: Veterinary Self-Assessment Color Review Series*

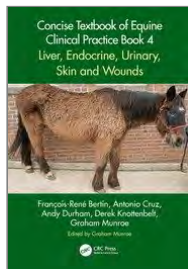
Written by two well-respected experts in the field, this new edition of a bestseller has been completely updated and includes more than 50 new cases. The 228 cases appear in random order, just as they would in practice, and are presented as self-assessment problems comprising integrated questions, illustrations and detailed explanations designed to educate as well as to provide answers. The book is designed to appeal to veterinary students preparing for exams, and to veterinary practitioners in their continuing professional development.

CRC Press  
November 2015 : 271pp  
Pb: 978-1-482-22545-7 : £41.99  
eBook: 978-0-429-09001-1

\* For full contents and more information, visit: [www.routledge.com/9781482225457](http://www.routledge.com/9781482225457)

## Concise Textbook of Equine Clinical Practice Book 4

Liver, Endocrine, Urinary, Skin and Wounds



Edited by **Graham Munroe** Cambridge Veterinary School, **François-René Bertin** Univ. of Queensland, **Andy Durham** Liphook Equine Hospital, **Derek Knottenbelt** Equine Medical Solutions, **Antonio Cruz** Justus Liebig Univ. Giessen

This concise, practical text covers the essential information Equine veterinary students need, focusing on skin, urinary, liver and endocrine diseases. The book conveys the core information in an easily digestible, precise form with extensive use of bullet-points, tables, flow-charts, diagrams, lists, protocols and extensive illustration. Part of a five-book series that extracts and updates key information from Munroe's Equine Surgery, Reproduction and Medicine, Second Edition, the book distils best practice in a logical straightforward clinical-based approach. Ideal for veterinary students, nurses and practitioners needing a quick reference 'on the ground'.

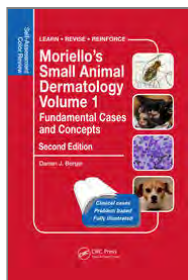
CRC Press  
February 2024 : 196pp  
Pb: 978-1-032-06617-2 : **£68.99**  
Hb: 978-1-032-59226-8 : **£175**  
eBook: 978-1-003-45366-6

\* For full contents and more information, visit: [www.routledge.com/9781032066172](http://www.routledge.com/9781032066172)

2ND EDITION

## Moriello's Small Animal Dermatology, Fundamental Cases and Concepts

Self-Assessment Color Review



**Darren Berger**

Series: *Veterinary Self-Assessment Color Review Series*

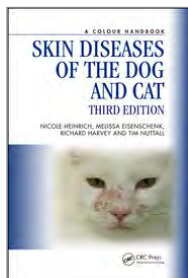
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CRC Press  
December 2019 : 306pp  
Pb: 978-0-815-37154-0 : **£46.99**  
Hb: 978-0-815-37163-2 : **£190**  
eBook: 978-0-429-08606-9

\* For full contents and more information, visit: [www.routledge.com/9780815371540](http://www.routledge.com/9780815371540)

3RD EDITION

## Skin Diseases of the Dog and Cat



**Nicole A. Heinrich**, **Melissa Eisenschenk** American College of Veterinary Dermatology, Waconia, Wisconsin, USA, **Richard G. Harvey** The Veterinary Centre, Cheylesmore, Coventry, UK, **Tim Nuttall** Senior Lecturer in Veterinary Dermatology, University Of Liverpool Small Animal Hospital, UK

Series: *Veterinary Color Handbook Series*

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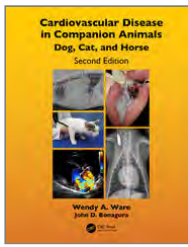
CRC Press  
November 2018 : 312pp  
Pb: 978-1-138-30870-1 : **£58.99**  
Hb: 978-1-482-22596-9 : **£190**  
eBook: 978-1-315-11814-7

\* For full contents and more information, visit: [www.routledge.com/9781138308701](http://www.routledge.com/9781138308701)

2ND EDITION

## Cardiovascular Disease in Companion Animals

Dog, Cat and Horse



**Wendy A. Ware** Iowa State University, Ames, USA, **John D. Bonagura** The Ohio State University College of Veterinary Medicine, Columbus, USA

This new edition of Cardiovascular Disease in Companion Animals now covers the horse as well as small animals. The book has been completely revised, expanded into five key sections, and contains a new Summary Formulary at end. Since first publication in 2007, Dr Ware's authoritative yet user-friendly guide to cardiovascular diseases and disorders in veterinary practice has been widely praised. Coverage includes evaluation techniques, investigative procedures, diagnosis, medical and surgical management options and methods. This second edition is a must-have for general practitioners, veterinary students, and residents.

CRC Press  
August 2021 : 966pp  
Hb: 978-1-482-24622-3 : £200  
eBook: 978-0-429-18663-9

\* For full contents and more information, visit: [www.routledge.com/9781482246223](http://www.routledge.com/9781482246223)

## Emergency Care for Birds

A Guide for Veterinary Professionals



**Rob van Zon**

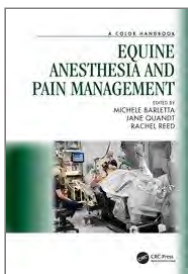
Due to their often small size and unique physical characteristics, birds can deteriorate rapidly in the event of illness and injury. This concise, practical guide will help veterinary professionals to provide first aid and emergency care for birds, as well as to instruct clients on providing basic first aid when they are unable to get to the clinic. It includes guidance for those presented with a moribund, critically ill patient i.e., recognising and treating hypothermia, hypoxia, hypovolaemia and hypoglycaemia. The book also lists of alarming signs of disease and toxic plants, and includes clinical procedures, emergency drug formulary and bandaging techniques.

CRC Press  
December 2023 : 260pp  
Pb: 978-1-032-31132-6 : £56.99  
Hb: 978-1-032-31141-8 : £140  
eBook: 978-1-003-30827-0

\* For full contents and more information, visit: [www.routledge.com/9781032311326](http://www.routledge.com/9781032311326)

## Equine Anesthesia and Pain Management

A Color Handbook



*Edited by* **Michele Barletta** Georgia Univ., **Jane Quandt** Georgia Univ., **Rachel Reed** Georgia Univ.

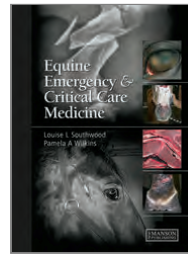
*Series: Veterinary Color Handbook Series*

Equine Anesthesia and Pain Management: A Color Handbook brings together key information for clinicians in an easy-to-use, problem-orientated format. It disseminates a wealth of knowledge in a quick reference style, with a focus on clinical practice. Fifteen chapters cover everything from anesthetic equipment, premedication and physical restraint, to total intravenous anesthesia, inhalant anesthesia and partial intravenous anesthesia, recovery, complications, and euthanasia. Over 250 superb color photographs and diagrams bring the material to life. This book will be invaluable to equine practitioners, veterinary technicians/nurses, and veterinary students.

CRC Press  
October 2022 : 284pp  
Pb: 978-1-498-74958-9 : £78.99  
Hb: 978-1-032-30962-0 : £200  
eBook: 978-0-429-19094-0

\* For full contents and more information, visit: [www.routledge.com/9781498749589](http://www.routledge.com/9781498749589)

## Equine Emergency and Critical Care Medicine



*Edited by* **Louise Southwood** University of Pennsylvania, Philadelphia, Pennsylvania, USA, **Pamela A. Wilkins** DVM, MS, PhD, DACVIM, DACVECC, Professor, Veterinary Clinical Medicine, Section Head, Equine Medicine and Surgery, College of Veterinary Medicine, University of Illinois at Urbana-Champaign, USA

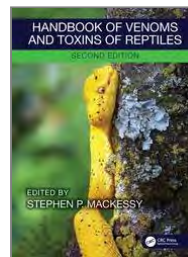
Early recognition of problems by owners, appropriate first aid, and timely referral by field veterinarians improves the survival chance of horses requiring emergency management and critical care. With a view towards improving patient outcome, this text is written by a team of enthusiastic equine specialists who explore a host of conditions that the equine veterinarian will encounter. For each disease or condition, the book includes an overview, key points, etiology/pathogenesis, clinical features, differential diagnosis, diagnosis, and management/treatment. It also provides step-by-step instructions on frequently performed procedures when managing the emergency/critical care patient. The text features a concise, bullet-point style to facilitate quick assimilation, along with color photos and useful charts and diagrams.

CRC Press  
October 2014 : 880pp  
Hb: 978-1-840-76194-8 : £165  
eBook: 978-0-429-06895-9

\* For full contents and more information, visit: [www.routledge.com/9781840761948](http://www.routledge.com/9781840761948)

2ND EDITION

## Handbook of Venoms and Toxins of Reptiles



*Edited by* **Stephen P. Mackessy** University of Northern Colorado, Greeley, CO, USA

A decade after publication of the first edition, this handbook responds to extensive changes in the field of toxinology to endure as the most comprehensive review of reptile venoms on the market. The six sections of this new edition, which has nearly doubled in size, complement the original handbook by presenting current information from many of the leading researchers and physicians in toxinology, with topics ranging from functional morphology, evolution and ecology to crystallography, -omics technologies and more. The section on snakebite now includes several chapters dealing with the problem broadly and with new technologies.

CRC Press  
May 2021 : 680pp  
Hb: 978-0-367-14974-1 : £190  
eBook: 978-0-429-05420-4

\* For full contents and more information, visit: [www.routledge.com/9780367149741](http://www.routledge.com/9780367149741)

## Health and Welfare of Brachycephalic (Flat-faced) Companion Animals

A Complete Guide for Veterinary and Animal Professionals



*Edited by* **Rowena Packer** The Royal Veterinary College, **Dan O'Neill** The Royal Veterinary College

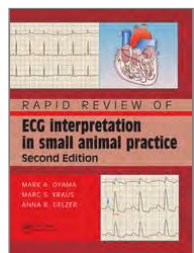
Health and welfare issues relating to brachycephalic (flat-faced) dogs are now one of the most pressing problems facing companion animals. This book aims to equip veterinary professionals, animal welfare scientists, dog breeders and the interested owner with the full story about brachycephalic health and welfare. Cutting-edge knowledge is provided on a range of disciplines including anaesthesia, ophthalmology, dermatology, respiratory disease, neurological, dental, reproduction and weight control. The book offers substantial practical advice for veterinary teams on welfare and ethical issues around choosing, owning and caring for brachycephalic dogs to share with clients.

CRC Press  
August 2021 : 418pp  
Pb: 978-0-367-20724-3 : £46.99  
Hb: 978-0-367-20741-0 : £105  
eBook: 978-0-429-26323-1

\* For full contents and more information, visit: [www.routledge.com/9780367207243](http://www.routledge.com/9780367207243)

2ND EDITION

## Rapid Review of ECG Interpretation in Small Animal Practice



**Mark Oyama** Department of Clinical Studies, Matthew J. Ryan Veterinary Hospital, University of Pennsylvania, Philadelphia, USA, **Marc S. Kraus**, **Anna R Gelzer**

The standard electrocardiogram (ECG) is an indispensable, safe and inexpensive test to assess dogs and cats with heart disease. After discussing the principles of electrocardiography, this book systematically explores the evaluation of the ECG, including determination of heart rate, measurement of intervals, derivation of mean electrical axis, and criteria for atrial/ventricular enlargement or hypertrophy. This new edition contains instructions on how to obtain an ECG and two new chapters about treatment of the most common clinically important ECG arrhythmias, and on 24hr ECG (Holter) monitoring. It now includes advanced as well as basic cases for the reader to work through.

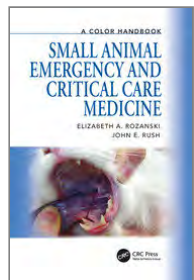
CRC Press  
December 2019: 156pp  
Pb: 978-0-367-14675-7 : £41.99  
Hb: 978-0-367-14688-7 : £200  
eBook: 978-0-429-05311-5

\* For full contents and more information, visit: [www.routledge.com/9780367146757](http://www.routledge.com/9780367146757)

2ND EDITION

## Small Animal Emergency and Critical Care Medicine

A Color Handbook



**Elizabeth Rozanski** School of Veterinary Medicine, Tufts University, Massachusetts, USA, **John Rush** School of Veterinary Medicine, Tufts University, Massachusetts, USA

Series: *Veterinary Color Handbook Series*

This book focuses on management of the more common emergency and critical care conditions encountered in clinical practice, collated in a concise manual. There are chapters on emergencies affecting each body system, on toxicology and other environmental causes, and on critical care techniques ranging from patient monitoring, anesthesia and analgesia to fluid therapy, transfusion medicine and nutritional support, plus a chapter describing clinical skills and procedures. The text is illustrated by top-quality color photos, imaging, and diagrams, and key information is highlighted in tabular form.

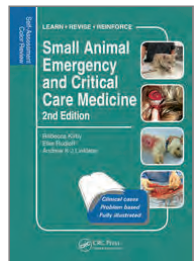
CRC Press  
April 2012: 330pp  
Pb: 978-1-840-76185-6 : £65.99  
eBook: 978-0-429-15838-4

\* For full contents and more information, visit: [www.routledge.com/9781840761856](http://www.routledge.com/9781840761856)

2ND EDITION

## Small Animal Emergency and Critical Care Medicine

Self-Assessment Color Review, Second Edition



**Rebecca Kirby**, **Rebecca Kirby** Gainesville, Florida, USA, **Elke Rudloff**, **Drew Linklater**

Series: *Veterinary Self-Assessment Color Review Series*

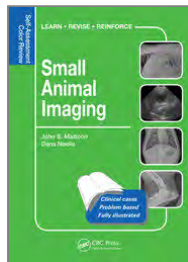
Written by a team of highly skilled authors, this book contains new cases covering all aspects of emergency and critical care medicine where a co-ordinated team approach to patient care is needed. By providing over 200 randomly organised cases in the form of integrated questions, illustrations and explanations, it allows readers to test skills in emergency situations, making rapid decisions, diagnostic and treatment plans. Detailed explanatory answers are then provided which will guide them through each clinical situation.

CRC Press  
February 2015: 254pp  
Pb: 978-1-482-22592-1 : £46.99  
eBook: 978-0-429-15964-0

\* For full contents and more information, visit: [www.routledge.com/9781482225921](http://www.routledge.com/9781482225921)

## Small Animal Imaging

Self-Assessment Review



**John S. Mattoon** Adjunct Professor of Radiology, College of Veterinary Medicine, Washington State University, USA, **Dana Neelis**

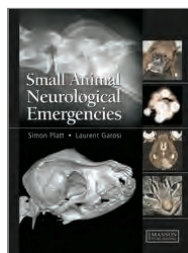
Series: *Veterinary Self-Assessment Color Review Series*

Presented in an easy-to-read format, Small Animal Imaging: Self-Assessment Color Review offers a case-based approach to reviewing and interpreting images and developing a differential diagnosis when necessary. Nearly 200 cases are presented, each beginning with the patient's age, gender, breed, and species. The reason the patient was brought to the clinic is discussed along with preliminary examination and diagnostic test findings. Supporting high-quality images are also presented with each case. A separate section presents detailed answers including information on the radiographic findings, radiographic diagnosis, comments, and notes on whether further imaging or evaluation is needed.

CRC Press  
March 2018: 280pp  
Pb: 978-1-482-22520-4 : £46.99  
Hb: 978-1-138-09149-8 : £200  
eBook: 978-1-315-38186-2

\* For full contents and more information, visit: [www.routledge.com/9781482225204](http://www.routledge.com/9781482225204)

## Small Animal Neurological Emergencies



Edited by **Simon Platt**, **Laurent Garosi**

This book deals systematically with the assessment and treatment of small animal neurological patients in light of latest research findings and greatly improved imaging techniques. The authors first discuss step-wise neurological and systemic approaches to common emergency cases—examination, critical care and rapid assessment—based on presenting signs. They then deal in depth with the pathophysiology, treatment options and likely prognoses of each of the more common types of neurological emergency, be it vascular accident, infection, trauma, seizure, acute disease or neoplasia.

CRC Press  
March 2012: 672pp  
Hb: 978-1-840-76152-8 : £245  
eBook: 978-0-429-15897-1

\* For full contents and more information, visit: [www.routledge.com/9781840761528](http://www.routledge.com/9781840761528)

2ND EDITION

## Arthropod-borne Infectious Diseases of the Dog and Cat



Edited by **Michael J. Day**

This book is an invaluable resource for information on the clinical presentation, pathogenesis, diagnosis and treatment of major arthropod-transmitted diseases of dogs and cats. Illustrated in colour throughout, the book incorporates photographs of clinical cases, haematology, cytology and gross and microscopic pathology, which help understand the diagnosis and treatment of these diseases. The book goes beyond just covering the diseases themselves and also provides information on the arthropods that transmit them. With the effects of climate change and increasing international pet travel, this book will be a valuable addition to every small animal practitioner's library.

CRC Press

June 2020 : 232pp

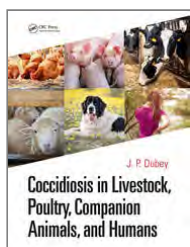
Pb: 978-0-367-57493-2 : **£50.99**

Hb: 978-1-498-70824-1 : **£190**

eBook: 978-0-429-06815-7

\* For full contents and more information, visit: [www.routledge.com/9780367574932](http://www.routledge.com/9780367574932)

## Coccidiosis in Livestock, Poultry, Companion Animals, and Humans



Edited by **J. P. Dubey**

Despite an explosion of research in the last 40 years, there has been no new book published discussing conventional coccidiosis for more than 25 years. This comprehensive review therefore answers an urgent need for a book dealing exclusively with conventional coccidia (Eimeria and Isospora). It provides concise, authoritative, up to date information on coccidiosis, with particular attention to research in the last 28 years

CRC Press

June 2022 : 396pp

Pb: 978-1-032-33759-3 : **£50.99**

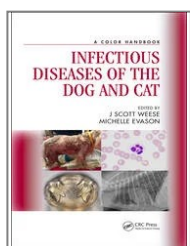
Hb: 978-0-367-26592-2 : **£190**

eBook: 978-0-429-29410-5

\* For full contents and more information, visit: [www.routledge.com/9781032337593](http://www.routledge.com/9781032337593)

## Infectious Diseases of the Dog and Cat

A Color Handbook



Edited by **J. Scott Weese, Michelle Evason**

Series: *Veterinary Color Handbook Series*

This is a concise and quick reference guide, clinically oriented, based on experience underpinned by published research data. The systems-based approach emphasizes the problem list process utilized by most practitioners when faced with a patient presenting with a single or variety of clinical symptoms. This allows generation of a complete list of infectious disease differentials, and the ability to include or exclude those indicated based on patient risk assessment. Pathogen specific information enables rational choice of diagnostics, therapy, and prognostication for a complete list of small animal infectious disease that includes bacterial, viral, parasitic/protozoal and fungal.

CRC Press

May 2023 : 328pp

Pb: 978-1-032-57010-5 : **£51.99**

Hb: 978-1-498-77551-9 : **£135**

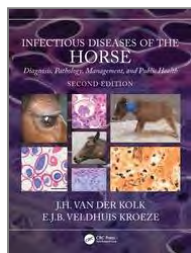
eBook: 978-0-429-18664-6

\* For full contents and more information, visit: [www.routledge.com/9781032570105](http://www.routledge.com/9781032570105)

2ND EDITION

## Infectious Diseases of the Horse

Diagnosis, pathology, management, and public health



Edited by **J.H. van der Kolk** Utrecht Univ., **E.J.B. Veldhuis Kroeze** Erasmus Univ. Med. Centre

This comprehensive yet practical book about established infectious diseases of horses is categorized according to the different pathogens. The majority of equine infectious diseases caused by microbes and parasites are covered - bacterial, viral, protozoan, fungal, ectoparasitic and helminthic. Practical Appendices contain a list of differential diagnoses based on clinical signs to support clinical decision-making, a list of zoonoses and reportable diseases, and illustrations of clinical pathology and hematology. This is a valuable resource for all veterinary practitioners, scientists, students, technicians and nurses working with horses.

CRC Press

December 2022 : 370pp

Hb: 978-1-032-05428-5 : **£175**

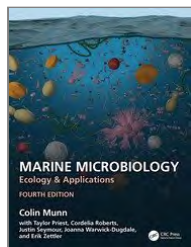
eBook: 978-1-003-19754-6

\* For full contents and more information, visit: [www.routledge.com/9781032054285](http://www.routledge.com/9781032054285)

4TH EDITION

## Marine Microbiology

Ecology & Applications



Edited by **Colin Munn** University of Plymouth, UK, **Taylor Priest, Cordelia Roberts, Justin Seymour, Joanna Warwick-Dugdale, Erik Zettler**

The fourth edition of this bestselling text has been rigorously updated to reflect major new discoveries and concepts since 2019, revealed by further development of high-throughput sequencing, omics and single-cell technologies which have led to major advances in understanding of how the activities, interactions, and functions of marine microbes affect ecosystem processes and global biogeochemical cycles. This is the only textbook addressing such a broad range of topics in the specific area of Marine Microbiology, now a core topic within broader Marine Science degrees.

CRC Press

October 2025 : 478pp

Pb: 978-1-032-85088-7 : **£94.99**

Hb: 978-1-032-85581-3 : **£170**

eBook: 978-1-003-51883-9

\* For full contents and more information, visit: [www.routledge.com/9781032850887](http://www.routledge.com/9781032850887)

## A Professional's Guide to Feline Behaviour

Understanding, Improving and Resolving Problems



**Caroline Clark** Clinical Animal Behaviourist

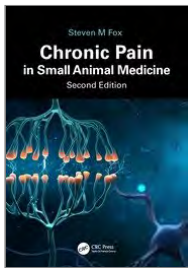
A Professional's Guide to Feline Behaviour is an invaluable resource for veterinarians, shelter workers, behaviourist and others working cats, while being accessible to anyone who shares their life with a cat and wants to gain a deeper understanding of their behaviour. It offers a greater understanding of cats and how to meet their needs, explains how to deal with challenges that cats face and how to analyse feline behaviour accurately, with a view to designing a tailored behaviour modification plan. Real-life case studies, accompanied with behaviour plans that integrate clinically proven methods, help manage or resolve a range of behaviour issues.

CRC Press  
October 2024 : 332pp  
Pb: 978-1-032-17199-9 : **£38.99**  
Hb: 978-1-032-17204-0 : **£105**  
eBook: 978-1-003-25224-5

\* For full contents and more information, visit: [www.routledge.com/9781032171999](http://www.routledge.com/9781032171999)

2ND EDITION

## Chronic Pain in Small Animal Medicine



**Steven M. Fox** SECUROS - a division of MWI, Clive, Iowa, USA

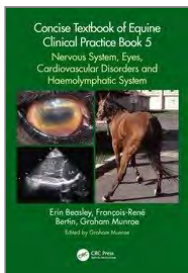
Over the past decade, many advances have been made in the discipline of pain management, including embracement under the One Medicine initiative to improve the health and well-being of multiple species. Contributing significantly to this progress is the evidence base provided by multimodal management of chronic diseases such as osteoarthritis, a leading cause of pet euthanasia. These advances are explored in this updated edition, which goes beyond common protocols by focusing on the latest evidence and our understanding of 'why and how to treat'.

CRC Press  
August 2023 : 294pp  
Pb: 978-1-032-45144-2 : **£86.99**  
Hb: 978-1-032-45316-3 : **£225**  
eBook: 978-1-003-37642-2

\* For full contents and more information, visit: [www.routledge.com/9781032451442](http://www.routledge.com/9781032451442)

## Concise Textbook of Equine Clinical Practice Book 5

Nervous System, Eyes, Cardiovascular Disorders and Haemolymphatic System



**Erin Beasley** Univ. of Georgia, **François-René Bertin** Univ. of Queensland, **Graham Munroe** Cambridge Veterinary School

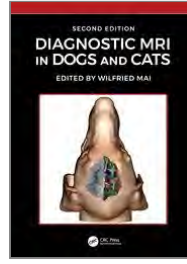
This concise, practical text covers the essential information veterinary students need to succeed in Equine medicine and surgery, focusing on the nervous system, eyes, cardiovascular disorders and haemolymphatic systems. Part of a five-book series that extracts and updates key information from Munroe's Equine Surgery, Reproduction and Medicine, Second Edition, the book distils best practice in a logical straightforward clinical-based approach. Ideal for veterinary students and nurses on clinical placements with horses as well as practitioners needing a quick reference 'on the ground'. The spiralbound format allows the book to lie open during practice.

CRC Press  
February 2024 : 224pp  
Pb: 978-1-032-58600-7 : **£68.99**  
Hb: 978-1-032-58876-6 : **£175**  
eBook: 978-1-003-45192-1

\* For full contents and more information, visit: [www.routledge.com/9781032586007](http://www.routledge.com/9781032586007)

2ND EDITION

## Diagnostic MRI in Dogs and Cats



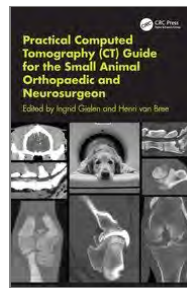
Edited by **Wilfried Mai** Univ. of Pennsylvania

Making the vast and complex topic of clinical MRI in small animals accessible to all veterinarians, this remains the first reference textbook to provide a comprehensive, image-rich overview of the current knowledge, focusing on imaging appearance rather than on clinical signs or treatment. MRI images from low, mid, and high-field magnets reflect the diversity of equipment used today. This second edition reflects our broader understanding of MRI's clinical utility, bringing in the latest research, additional or better case examples, and refinements that reflect how far the field has come. It includes five new chapters and replacement of many lower resolution images.

CRC Press  
June 2026 : 918pp  
Hb: 978-1-032-55064-0 : **£245**

\* For full contents and more information, visit: [www.routledge.com/9781032550640](http://www.routledge.com/9781032550640)

## Practical Computed Tomography (CT) Guide for the Small Animal Orthopaedic and Neurosurgeon



Edited by **Ingrid Gielen** Ghent University, Merelbeke, Belgium, **Henri van Bree** Ghent University, Merelbeke, Belgium

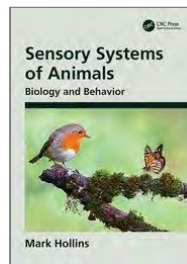
More clinics and large practices are investing in Computed Tomography (CT) equipment, meaning veterinary surgeons are often confronted with unfamiliar technical challenges like positioning and handling of the equipment. Even after obtaining the CT images, the interpretation can often be confusing. Split into two parts, looking first at the principles of CT and then drilling down to specific procedures by body region, this book is packed with over 200 high quality images, practical protocols and easy-to-locate information. It provides much needed support in choosing the right equipment, providing the exact protocol and coming to a final diagnosis.

CRC Press  
April 2026 : 426pp  
Hb: 978-1-482-22588-4 : **£170**  
eBook: 978-1-315-11813-0

\* For full contents and more information, visit: [www.routledge.com/9781482225884](http://www.routledge.com/9781482225884)

## Sensory Systems of Animals

Biology and Behavior



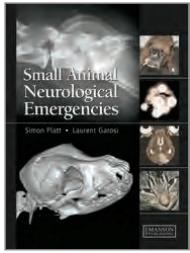
**Mark Hollins**

The aim of this book is to provide a knowledge base and unifying perspective on the field that will enable beginning researchers to chart their own course within it. The emphasis throughout is on research, in both the behavioral/ethological and neuroscientific traditions, that has led to important discoveries. With over 500 references and 80 illustrations, this textbook is primary reading intended for advanced undergraduates and beginning graduate students of veterinary science, lab animal science, and zoology. It would also be of great interest to professionals and academics working with animals such as veterinary professionals and zookeepers.

CRC Press  
October 2024 : 264pp  
Pb: 978-1-032-42328-9 : **£52.99**  
Hb: 978-1-032-42331-9 : **£140**  
eBook: 978-1-003-36231-9

\* For full contents and more information, visit: [www.routledge.com/9781032423289](http://www.routledge.com/9781032423289)

## Small Animal Neurological Emergencies



*Edited by* **Simon Platt, Laurent Garosi**

This book deals systematically with the assessment and treatment of small animal neurological patients in light of latest research findings and greatly improved imaging techniques. The authors first discuss step-wise neurological and systemic approaches to common emergency cases—examination, critical care and rapid assessment—based on presenting signs. They then deal in depth with the pathophysiology, treatment options and likely prognoses of each of the more common types of neurological emergency, be it vascular accident, infection, trauma, seizure, acute disease or neoplasia.

CRC Press

March 2012 : 672pp

Hb: 978-1-840-76152-8 : **£245**

eBook: 978-0-429-15897-1

\* For full contents and more information, visit: [www.routledge.com/9781840761528](http://www.routledge.com/9781840761528)

## A Professional's Guide to Feline Behaviour

Understanding, Improving and Resolving Problems



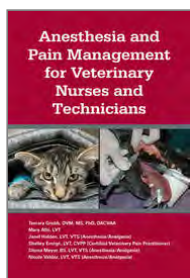
**Caroline Clark** Clinical Animal Behaviorist

A Professional's Guide to Feline Behaviour is an invaluable resource for veterinarians, shelter workers, behaviourist and others working cats, while being accessible to anyone who shares their life with a cat and wants to gain a deeper understanding of their behaviour. It offers a greater understanding of cats and how to meet their needs, explains how to deal with challenges that cats face and how to analyse feline behaviour accurately, with a view to designing a tailored behaviour modification plan. Real-life case studies, accompanied with behaviour plans that integrate clinically proven methods, help manage or resolve a range of behaviour issues.

CRC Press  
October 2024 : 332pp  
Pb: 978-1-032-17199-9 : **£38.99**  
Hb: 978-1-032-17204-0 : **£105**  
eBook: 978-1-003-25224-5

\* For full contents and more information, visit: [www.routledge.com/9781032171999](http://www.routledge.com/9781032171999)

## Anesthesia and Pain Management for Veterinary Nurses and Technicians



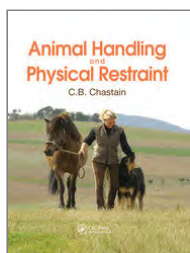
**Tamara L. Grubb, Mary Albi, Shelley Ensign, Janel Holden, Shona Meyer, Nicole Valdez**

This textbook and clinical guide is ideal for veterinary nurses and technicians in training. It offers a concise yet comprehensive resource for veterinary students and practitioners desiring a review of anesthesia and analgesia with step-by-step guidelines. A wealth of illustrations demonstrate the theory in practice.

Teton NewMedia  
March 2020: 498pp  
Pb: 978-1-591-61050-2 : **£55.99**  
eBook: 978-1-351-01291-1

\* For full contents and more information, visit: [www.routledge.com/9781591610502](http://www.routledge.com/9781591610502)

## Animal Handling and Physical Restraint



**C. B. Chastain** Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

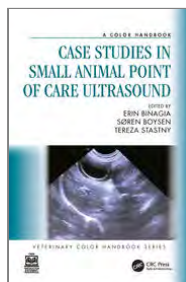
The aim of the book is to prepare future or current veterinarians and veterinary technologists, technicians/nurses, and assistants to be able to handle animals more safely, gain the confidence of animals and their owners, and instruct owners in proper animal handling methods. No handling or restraint of animals is without risk, but proper animal handling and restraint aids in reducing the chance of physical or infectious disease injury to the handler and the animal handled. Minimum-stress handling of farm and ranch animals raised for meat, milk, or fiber also aids the producer in being more humane and gaining greater profitability.

CRC Press  
February 2019 : 408pp  
Pb: 978-0-367-02832-9 : **£46.99**  
Hb: 978-1-498-76193-2 : **£190**  
eBook: 978-1-315-15331-5

\* For full contents and more information, visit: [www.routledge.com/9780367028329](http://www.routledge.com/9780367028329)

## Case Studies in Small Animal Point of Care Ultrasound

A Color Handbook



Edited by **Erin Binaglia** Michigan State Univ., **Soren Boysen** Calgary Univ., **Tereza Stastny** Arizona Veterinary, Emergency and Critical Care Centre

Series: *Veterinary Color Handbook Series*

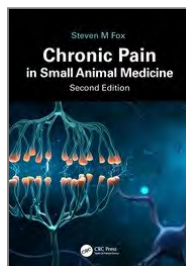
This illustrated practical guide covers the many facets of small animal point of care ultrasound (POCUS) using clinical cases commonly seen in practice. It details specific point of care ultrasound techniques, views, interpretations, pitfalls and knowledge gaps, highlighting the utility initial and serial point of care ultrasound for both diagnostic and patient management purposes. Focusing on commonly asked questions and applications, the authors take a binary question approach to veterinary POCUS, shown to decrease errors in human POCUS. The ideal reference for small animal and mixed practitioners and students, accompanying videos can be accessed by QR codes in the text.

CRC Press  
March 2025 : 440pp  
Pb: 978-0-367-54725-7 : **£97.99**  
Hb: 978-1-032-56656-6 : **£255**  
eBook: 978-1-003-43669-0

\* For full contents and more information, visit: [www.routledge.com/9780367547257](http://www.routledge.com/9780367547257)

2ND EDITION

## Chronic Pain in Small Animal Medicine



**Steven M. Fox** SECUROS - a division of MWI, Clive, Iowa, USA

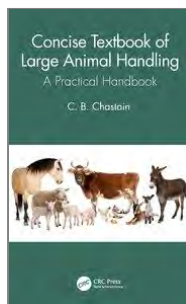
Over the past decade, many advances have been made in the discipline of pain management, including embracement under the One Medicine initiative to improve the health and well-being of multiple species. Contributing significantly to this progress is the evidence base provided by multimodal management of chronic diseases such as osteoarthritis, a leading cause of pet euthanasia. These advances are explored in this updated edition, which goes beyond common protocols by focusing on the latest evidence and our understanding of 'why and how to treat'.

CRC Press  
August 2023 : 294pp  
Pb: 978-1-032-45144-2 : **£86.99**  
Hb: 978-1-032-45316-3 : **£225**  
eBook: 978-1-003-37642-2

\* For full contents and more information, visit: [www.routledge.com/9781032451442](http://www.routledge.com/9781032451442)

## Concise Textbook of Large Animal Handling

A Practical Handbook



**C. B. Chastain** Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

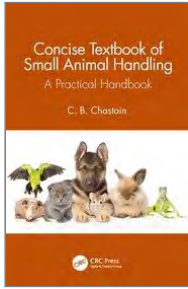
This concise, instructional guide condenses the most important aspects of large animal handling. It provides a portable, durable, beside-the-animal means of learning, as well as a convenient way to refresh on safety and efficacy in animal handling techniques. The text covers handler and animal safety, sanitation, approach and capture, routine handling and release, handling for medical procedures and use of restraint equipment. Important reading for undergraduate veterinary students on EMS rotations, as well as practicing veterinarians, technicians and assistants, the book covers species encountered in farm, equine and laboratory settings.

CRC Press  
June 2023 : 322pp  
Pb: 978-0-367-62809-3 : **£44.99**  
Hb: 978-0-367-62812-3 : **£115**  
eBook: 978-1-003-11091-0

\* For full contents and more information, visit: [www.routledge.com/9780367628093](http://www.routledge.com/9780367628093)

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A Practical Handbook



**C. B. Chastain** Univ. of Missouri, College of Veterinary Medicine, Columbia, USA

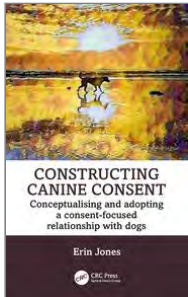
This instructional pocket reference condenses the most important aspects of small animal handling. It provides a portable, durable means of learning 'on the ground'. Spiralbound for practical use at the animal's side during veterinary placements in a clinic or laboratory, the text covers handler safety, animal safety, sanitation, approach and capture, handling for medical procedures and yse and supply sources of restraint equipment. A Companion Website provides additional self-assessment questions and answers to aid learning. Important reading for undergraduate veterinary students as well as practicing technicians, nurses and assistants.

CRC Press  
April 2022 : 242pp  
Pb: 978-0-367-62813-0 : **£35.99**  
Hb: 978-0-367-62814-7 : **£94.99**  
eBook: 978-1-003-11092-7

\* For full contents and more information, visit: [www.routledge.com/9780367628130](http://www.routledge.com/9780367628130)

## Constructing Canine Consent

Conceptualising and adopting a consent-focused relationship with dogs



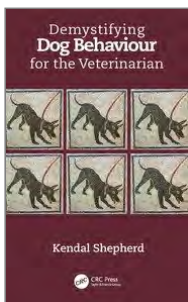
**Erin Jones** Merit Dog Training, NZ

Looking beyond species boundaries can help us not only consider concepts of canine consent and autonomy, but it can also help us to apply these concepts in our everyday interactions with them: fundamental for any professional working with dogs as well as everyday dog caregivers. This canine indexed definition of consent includes a model of five major categories: Touch/interaction-based consent, cooperative-care using learned consent behaviours, activity consent, consent-based learning, and substitutive consent. This book aims to merge the existing literature and new understandings about canine consent to paint a complete picture.

CRC Press  
March 2024 : 138pp  
Pb: 978-1-032-42159-9 : **£28.99**  
Hb: 978-1-032-42167-4 : **£75.99**  
eBook: 978-1-003-36145-9

\* For full contents and more information, visit: [www.routledge.com/9781032421599](http://www.routledge.com/9781032421599)

## Demystifying Dog Behaviour for the Veterinarian



**Kendal Shepherd** Royal College of Veterinary Surgeons

This practical guide for busy veterinarians demystifies canine behaviour while emphasising its importance. Authored by acclaimed veterinary behaviour consultant Kendal Shepherd, the book provides practical knowledge of dog behaviour and an understanding of how to talk about it with clients. Shepherd shows how this can enhance the relationship between owner and pet and between dog and environment as well as improve the vet's own sense of fulfilment and enjoyment of practice. Packed with anecdotes drawn from real-life cases, the principles can be effortlessly assimilated into the average consultation.

CRC Press  
April 2021 : 216pp  
Pb: 978-0-367-54991-6 : **£28.99**  
Hb: 978-0-367-71639-4 : **£190**  
eBook: 978-1-003-15303-0

\* For full contents and more information, visit: [www.routledge.com/9780367549916](http://www.routledge.com/9780367549916)

## Emergency Care for Birds

A Guide for Veterinary Professionals



**Rob van Zon**

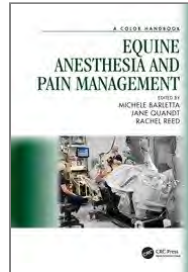
Due to their often small size and unique physical characteristics, birds can deteriorate rapidly in the event of illness and injury. This concise, practical guide will help veterinary professionals to provide first aid and emergency care for birds, as well as to instruct clients on providing basic first aid when they are unable to get to the clinic. It includes guidance for those presented with a moribund, critically ill patient i.e., recognising and treating hypothermia, hypoxia, hypovolaemia and hypoglycaemia. The book also lists of alarming signs of disease and toxic plants, and includes clinical procedures, emergency drug formulary and bandaging techniques.

CRC Press  
December 2023 : 260pp  
Pb: 978-1-032-31132-6 : **£56.99**  
Hb: 978-1-032-31141-8 : **£140**  
eBook: 978-1-003-30827-0

\* For full contents and more information, visit: [www.routledge.com/9781032311326](http://www.routledge.com/9781032311326)

## Equine Anesthesia and Pain Management

A Color Handbook



Edited by **Michele Barletta** Georgia Univ., **Jane Quandt** Georgia Univ., **Rachel Reed** Georgia Univ.

Series: *Veterinary Color Handbook Series*

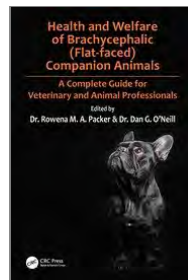
Equine Anesthesia and Pain Management: A Color Handbook brings together key information for clinicians in an easy-to-use, problem-orientated format. It disseminates a wealth of knowledge in a quick reference style, with a focus on clinical practice. Fifteen chapters cover everything from anesthetic equipment, premedication and physical restraint, to total intravenous anesthesia, inhalant anesthesia and partial intravenous anesthesia, recovery, complications, and euthanasia. Over 250 superb color photographs and diagrams bring the material to life. This book will be invaluable to equine practitioners, veterinary technicians/nurses, and veterinary students.

CRC Press  
October 2022 : 284pp  
Pb: 978-1-498-74958-9 : **£78.99**  
Hb: 978-1-032-30962-0 : **£200**  
eBook: 978-0-429-19094-0

\* For full contents and more information, visit: [www.routledge.com/9781498749589](http://www.routledge.com/9781498749589)

## Health and Welfare of Brachycephalic (Flat-faced) Companion Animals

A Complete Guide for Veterinary and Animal Professionals



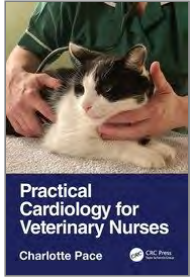
Edited by **Rowena Packer** The Royal Veterinary College, **Dan O'Neill** The Royal Veterinary College

Health and welfare issues relating to brachycephalic (flat-faced) dogs are now one of the most pressing problems facing companion animals. This book aims to equip veterinary professionals, animal welfare scientists, dog breeders and the interested owner with the full story about brachycephalic health and welfare. Cutting-edge knowledge is provided on a range of disciplines including anaesthesia, ophthalmology, dermatology, respiratory disease, neurological, dental, reproduction and weight control. The book offers substantial practical advice for veterinary teams on welfare and ethical issues around choosing, owning and caring for brachycephalic dogs to share with clients.

CRC Press  
August 2021 : 418pp  
Pb: 978-0-367-20724-3 : **£46.99**  
Hb: 978-0-367-20741-0 : **£105**  
eBook: 978-0-429-26323-1

\* For full contents and more information, visit: [www.routledge.com/9780367207243](http://www.routledge.com/9780367207243)

## Practical Cardiology for Veterinary Nurses



**Charlotte Pace** Royal Veterinary College

This concise textbook provides a comprehensive, practical guide for veterinary nurses and technicians who wish to develop their knowledge, confidence and skills when nursing the cardiac patient. Presentation of dogs or cats with heart disease are common and it is vital that nurses understand how to look after these patients appropriately and support owners through what can often be challenging times. The book is packed with learning features including a Glossary, diagrams, illustrations and tables in full colour, concise end of chapter Key Points and Further Reading lists. This is the book that general practice veterinary nurses have been waiting for!

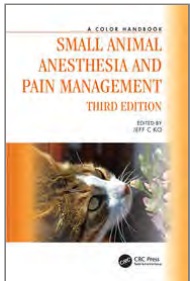
CRC Press  
December 2022 : 162pp  
Pb: 978-0-367-64102-3 : **£38.99**  
Hb: 978-0-367-64106-1 : **£99.99**  
eBook: 978-1-003-12217-3

\* For full contents and more information, visit: [www.routledge.com/9780367641023](http://www.routledge.com/9780367641023)

3RD EDITION

## Small Animal Anesthesia and Pain Management

A Color Handbook



*Edited by* **Jeff C. Ko** College of Veterinary Medicine, Purdue University, USA

*Series:* *Veterinary Color Handbook Series*

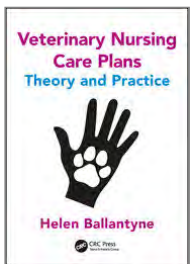
Small Animal Anesthesia and Pain Management is a thoroughly updated and much expanded third edition that provides comprehensive coverage of the world of veterinary anesthesia and pain management. This clinically focused text draws upon practical experience and clinical evidence from various sources. It provides drug dosages and anesthetic protocols in tabular form, complemented by over 400 illustrations that enhance comprehension and visual clarity. These chapters shine a spotlight on a newly approved drug, showcasing the practical application of Zenalpa® (medetomidine and vatinoxan) for a range of sedative and anesthetic combinations in dogs and cats.

CRC Press  
November 2024 : 478pp  
Hb: 978-1-032-40589-6 : **£130**  
eBook: 978-1-003-35379-9

\* For full contents and more information, visit: [www.routledge.com/9781032405896](http://www.routledge.com/9781032405896)

## Veterinary Nursing Care Plans

Theory and Practice



**Helen Ballantyne**

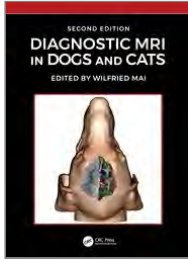
This book offers a broad overview of the theory and practice of care planning in veterinary nursing, answering three key questions: What are nursing care plans? Why should nursing care plans be used in practice? How should nursing care plans be used in practice? It provides basic definitions and explanations, the philosophical and theoretical aspects of nursing, and draws comparisons and contrasts between the veterinary and human nursing roles and contexts. There is a pressing need for veterinary nurses to establish themselves as professionals and develop their unique role within the veterinary care team. Nursing care plans are a core tool to support that development.

CRC Press  
February 2018 : 160pp  
Pb: 978-1-498-77866-4 : **£35.99**  
Hb: 978-1-138-57810-4 : **£200**  
eBook: 978-1-315-15504-3

\* For full contents and more information, visit: [www.routledge.com/9781498778664](http://www.routledge.com/9781498778664)

2ND EDITION

## Diagnostic MRI in Dogs and Cats



Edited by **Wilfried Mai** Univ, of Pennsylvania

Making the vast and complex topic of clinical MRI in small animals accessible to all veterinarians, this remains the first reference textbook to provide a comprehensive, image-rich overview of the current knowledge, focusing on imaging appearance rather than on clinical signs or treatment. MRI images from low, mid, and high-field magnets reflect the diversity of equipment used today. This second edition reflects our broader understanding of MRI's clinical utility, bringing in the latest research, additional or better case examples, and refinements that reflect how far the field has come. It includes five new chapters and replacement of many lower resolution images.

CRC Press

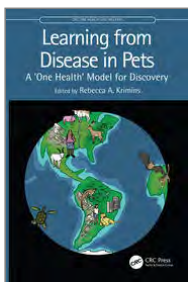
June 2026 : 918pp

Hb: 978-1-032-55064-0 : £245

\* For full contents and more information, visit: [www.routledge.com/9781032550640](http://www.routledge.com/9781032550640)

## Learning from Disease in Pets

A 'One Health' Model for Discovery



Edited by **Rebecca A. Krimins** Johns Hopkins University

Series: *CRC One Health One Welfare*

This is the first encompassing guide for veterinarians, researchers and physicians on conducting studies using spontaneous models of disease in animals. Using clinical trials to learn how pets with real disease respond to therapy can lead to breakthroughs in human medicine, as well as benefiting pets suffering from otherwise debilitating illness. The book details how to design a robust clinical study, encouraging veterinarians to build on and disseminate findings. It discusses communication styles, the ethics of using pets in veterinary clinical research, diseases that occur in animals and man, and regulatory requirements.

CRC Press

November 2020 : 306pp

Pb: 978-0-367-17310-4 : £94.99

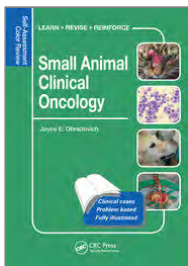
Hb: 978-0-367-17316-6 : £235

eBook: 978-0-429-05617-8

\* For full contents and more information, visit: [www.routledge.com/9780367173104](http://www.routledge.com/9780367173104)

## Small Animal Clinical Oncology

Self-Assessment Color Review



**Joyce E. Obradovich, DVM, DACVIM** Animal Cancer and Imaging Center, Canton, Michigan, USA

Series: *Veterinary Self-Assessment Color Review Series*

Written by a respected expert in the field, this new addition to the Self-Assessment Color Review series covers clinical oncology of the dog and cat. More than 200 cases appear in random order, just as they would in practice. These cases are presented as self-assessment problems comprising integrated questions, illustrations and detailed explanations designed to educate on the big picture as well as to provide immediate answers.

CRC Press

September 2016 : 328pp

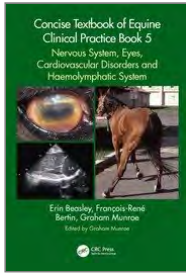
Pb: 978-1-482-22539-6 : £46.99

eBook: 978-1-315-38185-5

\* For full contents and more information, visit: [www.routledge.com/9781482225396](http://www.routledge.com/9781482225396)

## Concise Textbook of Equine Clinical Practice Book 5

Nervous System, Eyes, Cardiovascular Disorders and Haemolymphatic System



**Erin Beasley** Univ. of Georgia, **François-René Bertin** Univ. of Queensland, **Graham Munroe** Cambridge Veterinary School

This concise, practical text covers the essential information veterinary students need to succeed in Equine medicine and surgery, focusing on the nervous system, eyes, cardiovascular disorders and haemolymphatic systems. Part of a five-book series that extracts and updates key information from Munroe's Equine Surgery, Reproduction and Medicine, Second Edition, the book distils best practice in a logical straightforward clinical-based approach. Ideal for veterinary students and nurses on clinical placements with horses as well as practitioners needing a quick reference 'on the ground'. The spiralbound format allows the book to lie open during practice.

CRC Press

February 2024 : 224pp

Pb: 978-1-032-58600-7 : **£68.99**

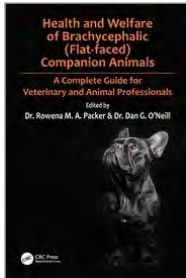
Hb: 978-1-032-58876-6 : **£175**

eBook: 978-1-003-45192-1

\* For full contents and more information, visit: [www.routledge.com/9781032586007](http://www.routledge.com/9781032586007)

## Health and Welfare of Brachycephalic (Flat-faced) Companion Animals

A Complete Guide for Veterinary and Animal Professionals



*Edited by* **Rowena Packer** The Royal Veterinary College, **Dan O'Neill** The Royal Veterinary College

Health and welfare issues relating to brachycephalic (flat-faced) dogs are now one of the most pressing problems facing companion animals. This book aims to equip veterinary professionals, animal welfare scientists, dog breeders and the interested owner with the full story about brachycephalic health and welfare. Cutting-edge knowledge is provided on a range of disciplines including anaesthesia, ophthalmology, dermatology, respiratory disease, neurological, dental, reproduction and weight control. The book offers substantial practical advice for veterinary teams on welfare and ethical issues around choosing, owning and caring for brachycephalic dogs to share with clients.

CRC Press

August 2021 : 418pp

Pb: 978-0-367-20724-3 : **£46.99**

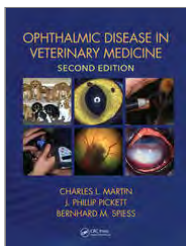
Hb: 978-0-367-20741-0 : **£105**

eBook: 978-0-429-26323-1

\* For full contents and more information, visit: [www.routledge.com/9780367207243](http://www.routledge.com/9780367207243)

2ND EDITION

## Ophthalmic Disease in Veterinary Medicine



*Edited by* **Charles L. Martin**, **J. Phillip Pickett**, **Bernhard M. Spiess**

Featuring a new author team, this seminal book has been completely updated and significantly expanded. Following an outline of the basic elements of ophthalmic science relevant to study and practice, the authors provide a detailed description and discussion of each condition including aetiology, clinical signs, diagnosis, prognosis, and therapy, as well as a section dedicated to presumed inherited eye disorders. The focus throughout remains on the clinical needs of the practitioner and the student.

CRC Press

June 2020 : 728pp

Pb: 978-0-367-57033-0 : **£89.99**

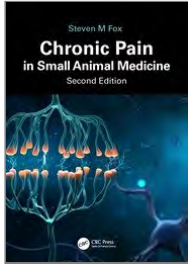
Hb: 978-1-482-25864-6 : **£200**

eBook: 978-1-315-11896-3

\* For full contents and more information, visit: [www.routledge.com/9780367570330](http://www.routledge.com/9780367570330)

2ND EDITION

## Chronic Pain in Small Animal Medicine



**Steven M. Fox** SECUROS - a division of MWI, Clive, Iowa, USA

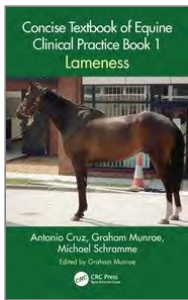
Over the past decade, many advances have been made in the discipline of pain management, including embracement under the One Medicine initiative to improve the health and well-being of multiple species. Contributing significantly to this progress is the evidence base provided by multimodal management of chronic diseases such as osteoarthritis, a leading cause of pet euthanasia. These advances are explored in this updated edition, which goes beyond common protocols by focusing on the latest evidence and our understanding of 'why and how to treat'.

CRC Press  
August 2023 : 294pp  
Pb: 978-1-032-45144-2 : **£86.99**  
Hb: 978-1-032-45316-3 : **£225**  
eBook: 978-1-003-37642-2

\* For full contents and more information, visit: [www.routledge.com/9781032451442](http://www.routledge.com/9781032451442)

## Concise Textbook of Equine Clinical Practice Book 1

Lameness



**Antonio Cruz** Justus Liebig Univ. Giessen, **Graham Munroe** Cambridge Veterinary School, **Michael Schramme** Royal College of Vet. Surgeons

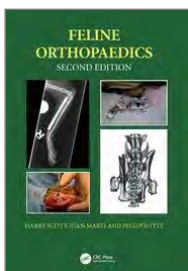
This concise, practical text covers the essential information veterinary students need to succeed in Equine practice, focussing on lameness. Written for an international readership, the book conveys the core information in an easily digestible, precise form with extensive use of bullet-points, lists, protocols and extensive illustration (over 650 full colour, high quality photographs and radiographs). Part of a five-book series that extracts key information from Munroe's Equine Surgery, Reproduction and Medicine, the book distils best practice in a logical clinical-based approach. The spiralbound format allows the book to lie open during practice.

CRC Press  
October 2023 : 364pp  
Pb: 978-1-032-06614-1 : **£62.99**  
Hb: 978-1-032-43886-3 : **£165**  
eBook: 978-1-003-36922-6

\* For full contents and more information, visit: [www.routledge.com/9781032066141](http://www.routledge.com/9781032066141)

2ND EDITION

## Feline Orthopaedics



**Harry Scott** Southern Counties Veterinary Specialists, Hangersley, Ringwood, Hampshire, United Kingdom, **Juan M. Marti**, **Philip Witte** Southern Counties Veterinary Specialists, Hangersley, Ringwood, Hampshire, United Kingdom

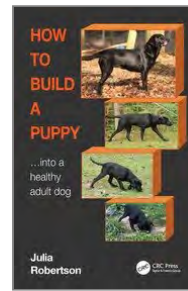
Cats are not referred to specialists as frequently as dogs, meaning the general practitioner must routinely treat cats that have been involved in traffic accidents and other musculoskeletal trauma. This book was the first to provide a practical and user-friendly guide to feline orthopaedics and this second edition has been thoroughly updated, with new chapters on Physiotherapy and Oncology of the Feline Skeletal System. The text is supported by high quality radiographs, colour photographs and line drawings to illustrate principles, techniques and procedures, appealing to GP veterinarians, specialist feline practitioners and students.

CRC Press  
May 2022 : 401pp  
Hb: 978-1-498-76497-1 : **£130**  
eBook: 978-0-429-09153-7

\* For full contents and more information, visit: [www.routledge.com/9781498764971](http://www.routledge.com/9781498764971)

## How to Build a Puppy

Into a Healthy Adult Dog



**Julia Robertson** Galen Myotherapy, UK

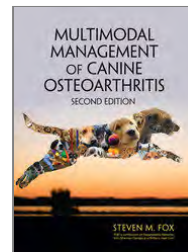
Using her world-renowned Galen Myotherapy Puppy Physical Development Plan®, Robertson suggests small but important changes to the way we look after puppies and growing dogs. Environment, exercise and activity habits have deep, ongoing effects and the book explores ways in which positive change can be integrated easily into our normal lives. A section on anatomy explains how everything fits together while practical exercises and activities help build good foundations. This book will help canine professionals better advise their clients, but also empower readers to ask more questions from their vet, breeder, or puppy trainer.

CRC Press  
June 2022 : 288pp  
Pb: 978-1-032-21520-4 : **£25.99**  
Hb: 978-1-032-21521-1 : **£65.99**  
eBook: 978-1-003-26878-9

\* For full contents and more information, visit: [www.routledge.com/9781032215204](http://www.routledge.com/9781032215204)

2ND EDITION

## Multimodal Management of Canine Osteoarthritis



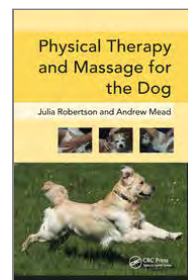
**Steven M. Fox** SECUROS - a division of MWI, Clive, Iowa, USA

This book takes an evidence-based approach to the canine patient with osteoarthritis, pursuing the objective of the best available medicine by a variety of means—multiple drugs, agents, adjuncts and delivery methods. Appreciating that surgical intervention may initially be required, particularly for stabilizing a joint, the major focus in this work is the conservative management of osteoarthritis. A clear and visual approach is taken with the overlapping of two three-pointed triangles of management: medical and non-medical. The new edition is completely updated and contains a major new chapter covering regenerative medicine.

CRC Press  
December 2018 : 168pp  
Pb: 978-0-367-11249-3 : **£52.99**  
Hb: 978-1-498-74935-0 : **£65.99**  
eBook: 978-1-315-36844-3

\* For full contents and more information, visit: [www.routledge.com/9780367112493](http://www.routledge.com/9780367112493)

## Physical Therapy and Massage for the Dog



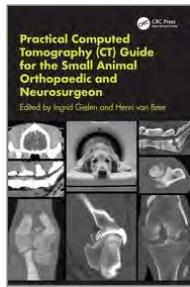
**Julia Robertson** Galen Myotherapy, UK, **Andy Mead** Galen Therapy Centre, Coolham, West Sussex, UK

This book covers the prevention, management, and treatment of movement and allied disorders. It encompasses detailed assessments, treatment programs that involve hands-on therapy along with dynamic remedial and strengthening techniques using exercise plans. Following succinct discussion of the relevant canine anatomy and physiology, the authors provide chapters on each of the key topics: movement and muscles, exercise, preparation for sports performance, rehabilitation techniques, massage and physical therapy, and common relevant pathologies affecting dogs.

CRC Press  
August 2018 : 224pp  
Pb: 978-1-138-32419-0 : **£39.99**  
Hb: 978-1-840-76144-3 : **£41.99**  
eBook: 978-0-429-15748-6

\* For full contents and more information, visit: [www.routledge.com/9781138324190](http://www.routledge.com/9781138324190)

## Practical Computed Tomography (CT) Guide for the Small Animal Orthopaedic and Neurosurgeon



Edited by **Ingrid Gielen** Ghent University, Merelbeke, Belgium, **Henri van Bree** Ghent University, Merelbeke, Belgium

More clinics and large practices are investing in Computed Tomography (CT) equipment, meaning veterinary surgeons are often confronted with unfamiliar technical challenges like positioning and handling of the equipment. Even after obtaining the CT images, the interpretation can often be confusing. Split into two parts, looking first at the principles of CT and then drilling down to specific procedures by body region, this book is packed with over 200 high quality images, practical protocols and easy-to-locate information. It provides much needed support in choosing the right equipment, providing the exact protocol and coming to a final diagnosis.

CRC Press

April 2026 : 426pp

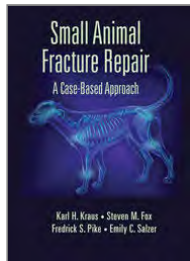
Hb: 978-1-482-22588-4 : £170

eBook: 978-1-315-11813-0

\* For full contents and more information, visit: [www.routledge.com/9781482225884](http://www.routledge.com/9781482225884)

## Small Animal Fracture Repair

A Case-Based Approach



**Karl H. Kraus**, **Steven M. Fox**, **Federick S. Pike**, **Emily C. Salzer**

This book provides students, practitioners, residents, and surgeons with an easily accessible and visual guide to successful methods of repairing more common fractures of dogs and cats. The concept allows clinicians to easily compare a fracture of a patient presented to them to the book and see what successful repairs were performed. There is also dialogue on the treatment options and special considerations. Importantly, follow-up radiographs provide insight into what type and rate of healing is to be expected.

CRC Press

June 2020 : 180pp

Pb: 978-0-367-57443-7 : £50.99

Hb: 978-1-498-73242-0 : £190

eBook: 978-1-315-36989-1

\* For full contents and more information, visit: [www.routledge.com/9780367574437](http://www.routledge.com/9780367574437)

## An Introduction to Veterinary Humanities



Edited by **Alison Skipper, Ruth Serlin, Carol Gray**  
Hartpury Univ.

This book offers new ways to think about these issues through the emerging interdisciplinary field of veterinary humanities. It breaks new ground in bringing together insights from multiple academic perspectives – history, art, ethics, social sciences and many more – to think about veterinary topics in a new way through contributions from over forty authors. Addressing topics from across the veterinary sector, their writing ranges from deeply personal reflections to academic essays. This anthology will be particularly relevant to those training or working in the veterinary sector, whatever the role or level of experience.

CRC Press

April 2026 : 402pp

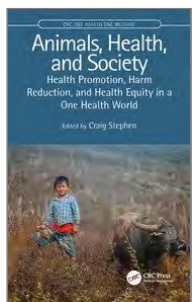
Pb: 978-1-032-42722-5 : **£52.99**

Hb: 978-1-032-43724-8 : **£200**

\* For full contents and more information, visit: [www.routledge.com/9781032427225](http://www.routledge.com/9781032427225)

## Animals, Health, and Society

Health Promotion, Harm Reduction, and Health Equity in a One Health World



Edited by **Craig Stephen**

Series: *CRC One Health One Welfare*

This timely book promotes the positive contributions made to health across species, showing the reader situations wherein we can all, regardless of our job description, work across species, sectors and generations to motivate action. Case studies demonstrate that the principles and practices presented are feasible, empowering people to make choices that concurrently benefit the health of animals, societies and ecosystems. This is necessary reading for students and practitioners in planetary health, conservation, eco-health, health promotion, veterinary medicine and animal welfare.

CRC Press

December 2020 : 352pp

Pb: 978-0-367-33622-6 : **£94.99**

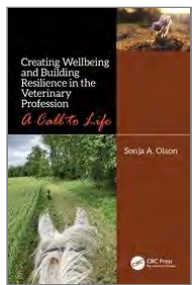
Hb: 978-0-367-64260-0 : **£235**

eBook: 978-0-429-32087-3

\* For full contents and more information, visit: [www.routledge.com/9780367336226](http://www.routledge.com/9780367336226)

## Creating Wellbeing and Building Resilience in the Veterinary Profession

A Call to Life



**Sonja A. Olson** Florida Univ., College of Vet. Med.

A Call to Life helps veterinary caregivers increase self-efficacy and sustainability and decrease unnecessary suffering in their mission to support animal health. Integrating real-life stories from veterinary caregivers with evidence-based theory, practical activities, discussion and reflection points, and insights drawn from the author's own experiences, the book empowers veterinarians by showing that they have the ability to choose a healthier way forward for themselves and for their profession. It uniquely combines shared experiences with academic research into the contributing factors of compassion fatigue and how to counter these.

CRC Press

March 2022 : 228pp

Pb: 978-0-367-41879-3 : **£25.99**

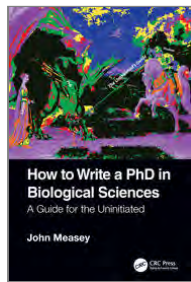
Hb: 978-1-032-20335-5 : **£65.99**

eBook: 978-0-367-81676-6

\* For full contents and more information, visit: [www.routledge.com/9780367418793](http://www.routledge.com/9780367418793)

## How to Write a PhD in Biological Sciences

A Guide for the Uninitiated



**John Measey**

You don't have to be a genius to write a PhD. Of course, it will always involve a lot of hard work and dedication, but the process of writing up is a whole lot easier if you understand the basic ground rules. This book is a guide through the 'dos' and 'don'ts' of writing a PhD, specifically in the biological sciences. It will be your companion from the point when you decide to do a PhD, providing practical guidance to getting started, all the way through the nuts and bolts of the writing and editing process. It will also help you to get - and stay - in the right mental framework and establish good habits from the beginning, putting you in a commanding position later on.

CRC Press

November 2021 : 294pp

Pb: 978-1-032-08020-8 : **£23.99**

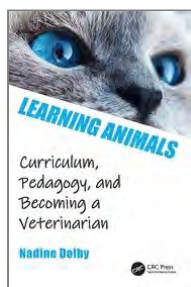
Hb: 978-1-032-08021-5 : **£52.99**

eBook: 978-1-003-21256-0

\* For full contents and more information, visit: [www.routledge.com/9781032080208](http://www.routledge.com/9781032080208)

## Learning Animals

Curriculum, Pedagogy and Becoming a Veterinarian



**Nadine Dolby** Purdue University, USA

Instead of teachers, society considers veterinarians to be the primary experts about animals. Despite this, the field of education knows very little about veterinary education. What do veterinarians learn in veterinary school? What experiences shape their perceptions of animals? How do the structures, curriculum, and pedagogies of veterinary colleges shape these experiences? This book opens this conversation through the complicated, fascinating stories of a cohort of veterinary students. It shows how what veterinarians learn through their studies influences and shapes how humans relate to animals.

CRC Press

April 2022 : 176pp

Pb: 978-1-032-21259-3 : **£25.99**

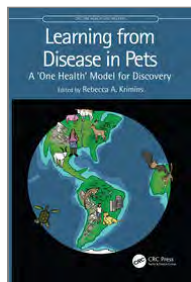
Hb: 978-1-032-21781-9 : **£65.99**

eBook: 978-1-003-26998-4

\* For full contents and more information, visit: [www.routledge.com/9781032212593](http://www.routledge.com/9781032212593)

## Learning from Disease in Pets

A 'One Health' Model for Discovery



Edited by **Rebecca A. Krimins** Johns Hopkins University

Series: *CRC One Health One Welfare*

This is the first encompassing guide for veterinarians, researchers and physicians on conducting studies using spontaneous models of disease in animals. Using clinical trials to learn how pets with real disease respond to therapy can lead to breakthroughs in human medicine, as well as benefiting pets suffering from otherwise debilitating illness. The book details how to design a robust clinical study, encouraging veterinarians to build on and disseminate findings. It discusses communication styles, the ethics of using pets in veterinary clinical research, diseases that occur in animals and man, and regulatory requirements.

CRC Press

November 2020 : 306pp

Pb: 978-0-367-17310-4 : **£94.99**

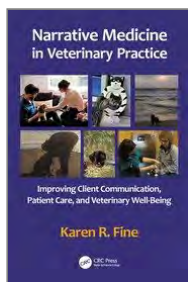
Hb: 978-0-367-17316-6 : **£235**

eBook: 978-0-429-05617-8

\* For full contents and more information, visit: [www.routledge.com/9780367173104](http://www.routledge.com/9780367173104)

## Narrative Medicine in Veterinary Practice

Improving Client Communication, Patient Care, and Veterinary Well-being



**Karen R. Fine**

This is the first guide to Veterinary Narrative Medicine, a cutting-edge approach with multiple applications, including improved client communication, medical outcomes, and veterinary wellbeing. It explores techniques and theories from human Narrative Medicine while addressing topics unique to veterinary medicine. Communication with caretakers is vital for veterinarians as the patient cannot speak; veterinary practitioners must consider the stories of human clients as well as animal patients. Awareness of these narratives can also help practitioners set and maintain emotional and work-place boundaries, and decrease burnout and compassion fatigue.

CRC Press  
October 2021 : 210pp  
Pb: 978-0-367-64761-2 : **£30.99**  
Hb: 978-0-367-64763-6 : **£78.99**  
eBook: 978-1-003-12613-3

\* For full contents and more information, visit: [www.routledge.com/9780367647612](http://www.routledge.com/9780367647612)

## Veterinary Forensic Medicine and Forensic Sciences



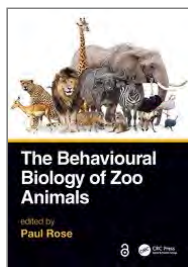
*Edited by* **Jason H. Byrd , Patricia Norris , Nancy Bradley-Siemens**

Veterinary Forensic Sciences and Medicine covers all relevant aspects in a succinct, easy-to-read, comprehensive format intended to be taught in a single semester course, including the application of veterinary forensic medicine to cases. Most importantly, the book covers both the scientific and legal principles for veterinary forensic evidence. Topics include DNA and genetic evidence, entomological evidence in support of veterinary forensics, animal fighting, situational deaths including poisonings, domestic violence and cruelty, sharp and blunt force trauma, gunshots and wound ballistics, sexual assault, non-human odontology and osteology, and more.

CRC Press  
October 2024 : 496pp  
Pb: 978-1-032-91949-2 : **£62.99**  
Hb: 978-1-138-56372-8 : **£125**  
eBook: 978-1-315-12191-8

\* For full contents and more information, visit: [www.routledge.com/9781032919492](http://www.routledge.com/9781032919492)

## The Behavioural Biology of Zoo Animals



*Edited by* **Paul Rose** Exeter Univ.

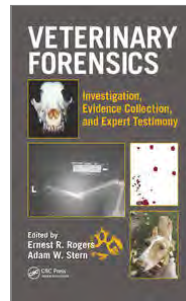
This is the first book on captive animal behaviour and how this applies to welfare. The book enables all aspects of zoo husbandry and management (nutrition, enclosure design, handling and training, enrichment, population management) to be based on a sound knowledge of the species, its evolutionary and natural history. Chapters from expert authors cover a vast range of taxa, from primates and elephants to marine mammals and freshwater fish, to reptiles, birds and invertebrates. It explains how evidence from the wild can be implemented into captive care to support the wider aims of the zoo (conservation, education, research and recreation).

CRC Press  
November 2022 : 367pp  
Pb: 978-1-032-07716-1 : **£62.99**  
Hb: 978-1-032-07719-2 : **£170**  
eBook: 978-1-003-20847-1

\* For full contents and more information, visit: [www.routledge.com/9781032077161](http://www.routledge.com/9781032077161)

## Veterinary Forensics

Investigation, Evidence Collection, and Expert Testimony



*Edited by* **Ernest Rogers , Adam W. Stern**

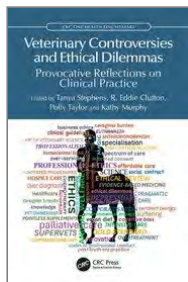
Veterinary Forensics fills the void of applied, real-world investigative techniques for the collection and presentation of veterinary forensic medical and scientific information. Chapters cover the forensic clinical examination and forensic necropsy of small and large animal species, forensic radiology, forensic toxicology, bitemark analysis and animal behavior. Various forensic disciplines such as bloodstain pattern analysis, DNA analysis, animal sexual abuse, agroterrorism, animal hoarding, ritual crimes against animals, and animal fighting are discussed. This is a reference for students and professionals for all relevant evidentiary, investigative, and legal elements o

CRC Press  
March 2021 : 436pp  
Pb: 978-0-367-77824-8 : **£83.99**  
Hb: 978-1-498-76317-2 : **£155**  
eBook: 978-1-315-15342-1

\* For full contents and more information, visit: [www.routledge.com/9780367778248](http://www.routledge.com/9780367778248)

## Veterinary Controversies and Ethical Dilemmas

Provocative Reflections on Clinical Practice



*Edited by* **Tanya Stephens** Haberfield Veterinary Hospital, **R. Eddie Clutton** Edinburgh University, **Polly Taylor** Topcat Metrology Ltd, **Kathy Murphy** Barking Brains Ltd.

*Series:* **CRC One Health One Welfare**

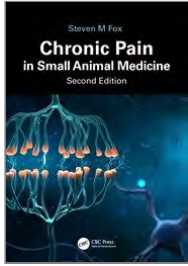
This book identifies increasing concerns with the veterinary profession and confronts them provocatively, with a view to stimulating positive change. With experienced contributors from around the world, each chapter combines personal story with evidence-based reflections. The book identifies key concerns with the profession's current trajectory and presents them with candour, from the perspective of concerned veterinarians. Ideal for use within the veterinary curriculum to stimulate undergraduate thought and discussion, this book will also be a valuable reference for practitioners as the veterinary profession comes to terms with life in a post-truth era.

CRC Press  
September 2025 : 420pp  
Pb: 978-1-032-57986-3 : **£31.99**  
Hb: 978-1-032-58260-3 : **£78.99**  
eBook: 978-1-003-44930-0

\* For full contents and more information, visit: [www.routledge.com/9781032579863](http://www.routledge.com/9781032579863)

2ND EDITION

## Chronic Pain in Small Animal Medicine



**Steven M. Fox** SECUROS - a division of MWI, Clive, Iowa, USA

Over the past decade, many advances have been made in the discipline of pain management, including embracement under the One Medicine initiative to improve the health and well-being of multiple species. Contributing significantly to this progress is the evidence base provided by multimodal management of chronic diseases such as osteoarthritis, a leading cause of pet euthanasia. These advances are explored in this updated edition, which goes beyond common protocols by focusing on the latest evidence and our understanding of 'why and how to treat'.

CRC Press  
August 2023 : 294pp  
Pb: 978-1-032-45144-2 : **£86.99**  
Hb: 978-1-032-45316-3 : **£225**  
eBook: 978-1-003-37642-2

\* For full contents and more information, visit: [www.routledge.com/9781032451442](http://www.routledge.com/9781032451442)

2ND EDITION

## Colour Atlas of Reconstructive Techniques in the Dog and Cat



**Gert ter Haar**, **Bryden J Stanley** Michigan State Univ.,  
**Jolle Kirpensteijn** Hills Pet Nutrition, Topeka, Kansas, USA

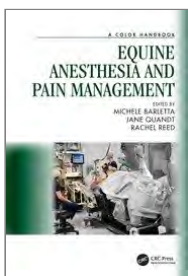
The new edition of this practical atlas describes and illustrates, step-by-step, all currently available reconstructive surgical techniques. With new real-life cases and detailed sketches, the book covers both dogs and cats with skin defects caused by injury or tumor resection. The reader is given the widest possible range of treatment options for dealing with individual cases.

CRC Press  
May 2026 : 370pp  
Hb: 978-0-367-02999-9 : **£170**

\* For full contents and more information, visit: [www.routledge.com/9780367029999](http://www.routledge.com/9780367029999)

## Equine Anesthesia and Pain Management

A Color Handbook



*Edited by* **Michele Barletta** Georgia Univ., **Jane Quandt** Georgia Univ., **Rachel Reed** Georgia Univ.

*Series: Veterinary Color Handbook Series*

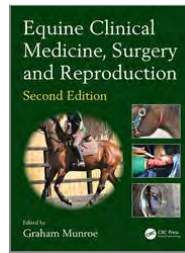
Equine Anesthesia and Pain Management: A Color Handbook brings together key information for clinicians in an easy-to-use, problem-orientated format. It disseminates a wealth of knowledge in a quick reference style, with a focus on clinical practice. Fifteen chapters cover everything from anesthetic equipment, premedication and physical restraint, to total intravenous anesthesia, inhalant anesthesia and partial intravenous anesthesia, recovery, complications, and euthanasia. Over 250 superb color photographs and diagrams bring the material to life. This book will be invaluable to equine practitioners, veterinary technicians/nurses, and veterinary students.

CRC Press  
October 2022 : 284pp  
Pb: 978-1-498-74958-9 : **£78.99**  
Hb: 978-1-032-30962-0 : **£200**  
eBook: 978-0-429-19094-0

\* For full contents and more information, visit: [www.routledge.com/9781498749589](http://www.routledge.com/9781498749589)

2ND EDITION

## Equine Clinical Medicine, Surgery and Reproduction



*Edited by* **Graham Munroe**

This fully-revised new edition is supported by over 1800 high quality illustrations. System-based chapters introduce each individual system with relevant basic anatomy and physiology, clinical examination techniques and useful differential diagnostic aids. This is followed by diseases and disorders pertinent to that system. Each condition is described using consistent headings and the focus remains on providing clinically relevant information required for practical case management, plus sufficient background to enable readers to understand the conditions and rationale for diagnostic and treatment options.

CRC Press  
December 2019 : 1432pp  
Hb: 978-1-138-19638-4 : **£235**  
eBook: 978-0-429-11368-0

\* For full contents and more information, visit: [www.routledge.com/9781138196384](http://www.routledge.com/9781138196384)

## Health and Welfare of Brachycephalic (Flat-faced) Companion Animals

A Complete Guide for Veterinary and Animal Professionals



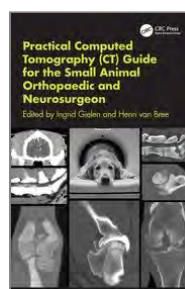
*Edited by* **Rowena Packer** The Royal Veterinary College,  
**Dan O'Neill** The Royal Veterinary College

Health and welfare issues relating to brachycephalic (flat-faced) dogs are now one of the most pressing problems facing companion animals. This book aims to equip veterinary professionals, animal welfare scientists, dog breeders and the interested owner with the full story about brachycephalic health and welfare. Cutting-edge knowledge is provided on a range of disciplines including anaesthesia, ophthalmology, dermatology, respiratory disease, neurological, dental, reproduction and weight control. The book offers substantial practical advice for veterinary teams on welfare and ethical issues around choosing, owning and caring for brachycephalic dogs to share with clients.

CRC Press  
August 2021 : 418pp  
Pb: 978-0-367-20724-3 : **£46.99**  
Hb: 978-0-367-20741-0 : **£105**  
eBook: 978-0-429-26323-1

\* For full contents and more information, visit: [www.routledge.com/9780367207243](http://www.routledge.com/9780367207243)

## Practical Computed Tomography (CT) Guide for the Small Animal Orthopaedic and Neurosurgeon



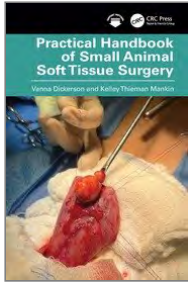
*Edited by* **Ingrid Gielen** Ghent University, Merelbeke, Belgium, **Henri van Bree** Ghent University, Merelbeke, Belgium

More clinics and large practices are investing in Computed Tomography (CT) equipment, meaning veterinary surgeons are often confronted with unfamiliar technical challenges like positioning and handling of the equipment. Even after obtaining the CT images, the interpretation can often be confusing. Split into two parts, looking first at the principles of CT and then drilling down to specific procedures by body region, this book is packed with over 200 high quality images, practical protocols and easy-to-locate information. It provides much needed support in choosing the right equipment, providing the exact protocol and coming to a final diagnosis.

CRC Press  
April 2026 : 426pp  
Hb: 978-1-482-22588-4 : **£170**  
eBook: 978-1-315-11813-0

\* For full contents and more information, visit: [www.routledge.com/9781482225884](http://www.routledge.com/9781482225884)

## Practical Handbook of Small Animal Soft Tissue Surgery



**Vanna Dickerson , Kelley Thieman Mankin**

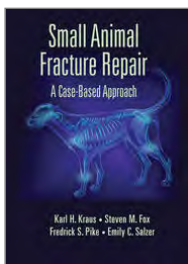
This concise, image-heavy text provides a step-by-step guide to perform common surgical procedures encountered in small animal general practice. A resource for busy practitioners as well as upper-level undergraduate veterinary students, it offers a "how to" with tips and tricks. Select surgical procedures are broken down into steps, including suggested suture materials and patterns. The spiralbound, portable format allows practitioners to reference the book, open, during surgery. The bullet-point presentation also enables fast review of "need to know" information prior to entering the operating room.

CRC Press  
May 2025 : 220pp  
Pb: 978-1-032-48962-9 : **£56.99**  
Hb: 978-1-032-48963-6 : **£190**  
eBook: 978-1-003-39163-0

\* For full contents and more information, visit: [www.routledge.com/9781032489629](http://www.routledge.com/9781032489629)

## Small Animal Fracture Repair

A Case-Based Approach



**Karl H. Kraus , Steven M. Fox , Frederick S. Pike , Emily C. Salzer**

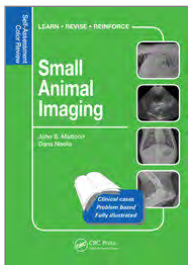
This book provides students, practitioners, residents, and surgeons with an easily accessible and visual guide to successful methods of repairing more common fractures of dogs and cats. The concept allows clinicians to easily compare a fracture of a patient presented to them to the book and see what successful repairs were performed. There is also dialogue on the treatment options and special considerations. Importantly, follow-up radiographs provide insight into what type and rate of healing is to be expected.

CRC Press  
June 2020 : 180pp  
Pb: 978-0-367-57443-7 : **£50.99**  
Hb: 978-1-498-73242-0 : **£190**  
eBook: 978-1-315-36989-1

\* For full contents and more information, visit: [www.routledge.com/9780367574437](http://www.routledge.com/9780367574437)

## Small Animal Imaging

Self-Assessment Review



**John S. Mattoon** Adjunct Professor of Radiology, College of Veterinary Medicine, Washington State University, USA.  
**, Dana Neelis**

*Series: Veterinary Self-Assessment Color Review Series*

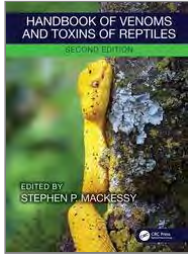
Presented in an easy-to-ready format, Small Animal Imaging: Self-Assessment Color Review offers a case-based approach to reviewing and interpreting images and developing a differential diagnosis when necessary. Nearly 200 cases are presented, each beginning with the patient's age, gender, breed, and species. The reason the patient was brought to the clinic is discussed along with preliminary examination and diagnostic test findings. Supporting high-quality images are also presented with each case. A separate section presents detailed answers including information on the radiographic findings, radiographic diagnosis, comments, and notes on whether further imaging or evaluation is needed.

CRC Press  
March 2018 : 280pp  
Pb: 978-1-482-22520-4 : **£46.99**  
Hb: 978-1-138-09149-8 : **£200**  
eBook: 978-1-315-38186-2

\* For full contents and more information, visit: [www.routledge.com/9781482225204](http://www.routledge.com/9781482225204)

2ND EDITION

## Handbook of Venoms and Toxins of Reptiles



Edited by **Stephen P. Mackessy** University of Northern Colorado, Greeley, CO, USA

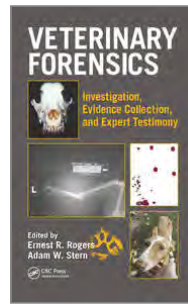
A decade after publication of the first edition, this handbook responds to extensive changes in the field of toxinology to endure as the most comprehensive review of reptile venoms on the market. The six sections of this new edition, which has nearly doubled in size, complement the original handbook by presenting current information from many of the leading researchers and physicians in toxinology, with topics ranging from functional morphology, evolution and ecology to crystallography, -omics technologies and more. The section on snakebite now includes several chapters dealing with the problem broadly and with new technologies.

CRC Press  
May 2021 : 680pp  
Hb: 978-0-367-14974-1 : **£190**  
eBook: 978-0-429-05420-4

\* For full contents and more information, visit: [www.routledge.com/9780367149741](http://www.routledge.com/9780367149741)

## Veterinary Forensics

Investigation, Evidence Collection, and Expert Testimony



Edited by **Ernest Rogers , Adam W. Stern**

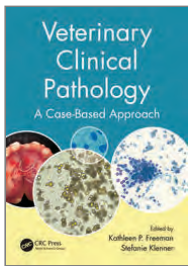
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CRC Press  
March 2021 : 436pp  
Pb: 978-0-367-77824-8 : **£83.99**  
Hb: 978-1-498-76317-2 : **£155**  
eBook: 978-1-315-15342-1

\* For full contents and more information, visit: [www.routledge.com/9780367778248](http://www.routledge.com/9780367778248)

## Veterinary Clinical Pathology

A Case-Based Approach



Edited by **Kathleen P. Freeman** Kathleen P. Freeman DVM BS MS PhD DipECVCP FRCPath MRCVS RCVS Specialist in Veterinary Pathology (Clinical Pathology), European Veterinary Specialist in Clinical Pathology, IDEXX Laboratories, UK, **Stefanie Klenner** Stefanie Klenner, Dr.med.vet, DipECVCP European Veterinary Specialist in Clinical Pathology scil animal care company GmbH, Viernheim, Germany

Presenting 200 cases and questions for those interested in improving their skills in veterinary clinical pathology, this book emphasises an understanding of the basic pathophysiologic mechanisms of disease, differential diagnoses and a recognition of patterns associated with various diseases or conditions. Topics discussed include haematology, clinical chemistry, endocrinology, acid-base and blood gas analysis, haemostasis, urinalysis, biological variation and quality control. Species covered include the cat, dog and horse, with additional material on ruminants.

CRC Press  
June 2015 : 288pp  
Pb: 978-1-482-22587-7 : **£65.99**  
eBook: 978-0-429-15872-8

\* For full contents and more information, visit: [www.routledge.com/9781482225877](http://www.routledge.com/9781482225877)

## Veterinary Forensic Medicine and Forensic Sciences



Edited by **Jason H. Byrd , Patricia Norris , Nancy Bradley-Siemens**

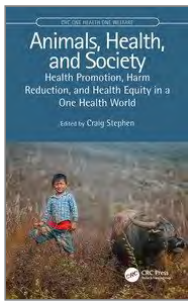
Veterinary Forensic Sciences and Medicine covers all relevant aspects in a succinct, easy-to-read, comprehensive format intended to be taught in a single semester course, including the application of veterinary forensic medicine to cases. Most importantly, the book covers both the scientific and legal principles for veterinary forensic evidence. Topics include DNA and genetic evidence, entomological evidence in support of veterinary forensics, animal fighting, situational deaths including poisonings, domestic violence and cruelty, sharp and blunt force trauma, gunshots and wound ballistics, sexual assault, non-human odontology and osteology, and more.

CRC Press  
October 2024 : 496pp  
Pb: 978-1-032-91949-2 : **£62.99**  
Hb: 978-1-138-56372-8 : **£125**  
eBook: 978-1-315-12191-8

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## Animals, Health, and Society

Health Promotion, Harm Reduction, and Health Equity in a One Health World



Edited by **Craig Stephen**

Series: *CRC One Health One Welfare*

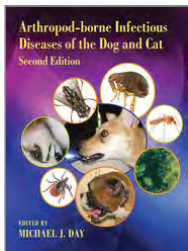
This timely book promotes the positive contributions made to health across species, showing the reader situations wherein we can all, regardless of our job description, work across species, sectors and generations to motivate action. Case studies demonstrate that the principles and practices presented are feasible, empowering people to make choices that concurrently benefit the health of animals, societies and ecosystems. This is necessary reading for students and practitioners in planetary health, conservation, eco-health, health promotion, veterinary medicine and animal welfare.

CRC Press  
December 2020 : 352pp  
Pb: 978-0-367-33622-6 : **£94.99**  
Hb: 978-0-367-64260-0 : **£235**  
eBook: 978-0-429-32087-3

\* For full contents and more information, visit: [www.routledge.com/9780367336226](http://www.routledge.com/9780367336226)

2ND EDITION

## Arthropod-borne Infectious Diseases of the Dog and Cat



Edited by **Michael J. Day**

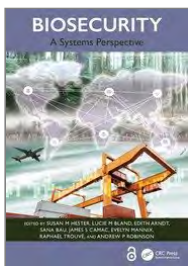
This book is an invaluable resource for information on the clinical presentation, pathogenesis, diagnosis and treatment of major arthropod-transmitted diseases of dogs and cats. Illustrated in colour throughout, the book incorporates photographs of clinical cases, haematology, cytology and gross and microscopic pathology, which help understand the diagnosis and treatment of these diseases. The book goes beyond just covering the diseases themselves and also provides information on the arthropods that transmit them. With the effects of climate change and increasing international pet travel, this book will be a valuable addition to every small animal practitioner's library.

CRC Press  
June 2020 : 232pp  
Pb: 978-0-367-57493-2 : **£50.99**  
Hb: 978-1-498-70824-1 : **£190**  
eBook: 978-0-429-06815-7

\* For full contents and more information, visit: [www.routledge.com/9780367574932](http://www.routledge.com/9780367574932)

## Biosecurity

A Systems Perspective



Edited by **Susan M Hester** UNE Business School, University of New England, Australia, **Lucie M Bland**, **Edith Arndt** University of Melbourne, Parkville, Australia, **Sana Bau**, **James S Camac** University of Melbourne, Australia, **Evelyn Mannix**, **Raphael Trouve**, **Andrew P Robinson**

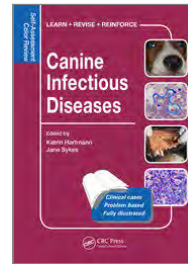
Biosecurity: A Systems Perspective provides an overview of biosecurity as a system of related components, actors and risks. This book — directed to the biosecurity practitioner, generalist scientist and student — introduces overall features of the biosecurity system while walking the reader through the most up-to-date research on each step of the continuum (i.e. pre-border, border and post-border activities). This book, which explicitly incorporates economic and social dimensions as well as varied decision-making contexts, paves the way for a more systemic approach to biosecurity risk management.

CRC Press  
July 2024 : 278pp  
Pb: 978-1-032-18169-1 : **£67.99**  
Hb: 978-1-032-18168-4 : **£175**  
eBook: 978-1-003-25320-4

\* For full contents and more information, visit: [www.routledge.com/9781032181691](http://www.routledge.com/9781032181691)

## Canine Infectious Diseases

Self-Assessment Color Review



Edited by **Katrin Hartmann**, **Jane Sykes**

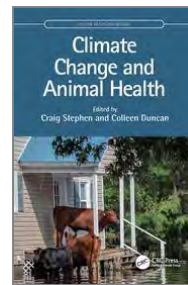
Series: *Veterinary Self-Assessment Color Review Series*

This book covers all types of canine infectious diseases, including infections caused by viruses, bacteria, parasites and fungi. Over 200 clinical cases are presented randomly, as in practice, and cover the range of infectious diseases which affect all the organ systems of the dog. Featuring international expert contributors, the illustrated cases contain integrated questions and detailed explanatory answers.

CRC Press  
March 2018 : 288pp  
Pb: 978-1-482-22515-0 : **£41.99**  
eBook: 978-1-315-17199-9

\* For full contents and more information, visit: [www.routledge.com/9781482225150](http://www.routledge.com/9781482225150)

## Climate Change and Animal Health



Edited by **Craig Stephen** McEachran Institute, Canada, **Colleen Duncan** Colorado State Univ.

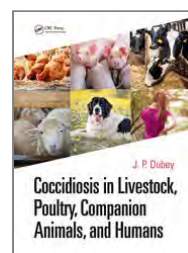
Series: *CRC One Health One Welfare*

This benchmark publication brings together information on the current and anticipated effects of climate change on animal health. It empowers educators, managers, practitioners, and researchers by providing evidence, experience, and opinions on what we need to do to prepare for, and cope with, the largest threat ever to have faced animals on this planet. After introducing animal health in a climate change context, chapters look at specific animal health impacts arising from climate change. The book concludes with suggestions on teachable and actionable ideas that could be used to mobilize concepts provided into education or advocacy.

CRC Press  
November 2022 : 334pp  
Pb: 978-0-367-71201-3 : **£51.99**  
Hb: 978-0-367-71202-0 : **£145**  
eBook: 978-1-003-14977-4

\* For full contents and more information, visit: [www.routledge.com/9780367712013](http://www.routledge.com/9780367712013)

## Coccidiosis in Livestock, Poultry, Companion Animals, and Humans



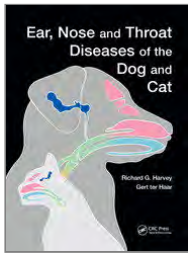
Edited by **J. P. Dubey**

Despite an explosion of research in the last 40 years, there has been no new book published discussing conventional coccidiosis for more than 25 years. This comprehensive review therefore answers an urgent need for a book dealing exclusively with conventional coccidia (Eimeria and Isospora). It provides concise, authoritative, up to date information on coccidiosis, with particular attention to research in the last 28 years

CRC Press  
June 2022 : 396pp  
Pb: 978-1-032-33759-3 : **£50.99**  
Hb: 978-0-367-26592-2 : **£190**  
eBook: 978-0-429-29410-5

\* For full contents and more information, visit: [www.routledge.com/9781032337593](http://www.routledge.com/9781032337593)

## Ear, Nose and Throat Diseases of the Dog and Cat



**Richard Harvey, Gert ter Haar** Royal Veterinary College, UK

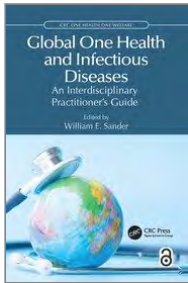
The book is divided into four sections – The Ear, The Nose, The Throat and Surgery of the Ear, Nose and Throat. Each of the first three sections discusses anatomy and physiology and then reviews a wide variety of diagnostic procedures. Chapters in each of the three sections then provides a detailed and extensive review of the diseases of the pinna, external ear canal, middle ear and inner ear – nasal planum, nasal cavities and sinuses and nasopharynx – pharynx and larynx. The final section opens with a chapter on perioperative management with subsequent chapters that cover surgery of the ear, nose and throat.

CRC Press  
September 2018 : 520pp  
Pb: 978-0-367-13317-7 : **£48.99**  
Hb: 978-1-482-23649-1 : **£155**  
eBook: 978-1-315-37306-5

\* For full contents and more information, visit: [www.routledge.com/9780367133177](http://www.routledge.com/9780367133177)

## Global One Health and Infectious Diseases

An Interdisciplinary Practitioner's Guide



*Edited by* **William E. Sander** University of Illinois

*Series:* *CRC One Health One Welfare*

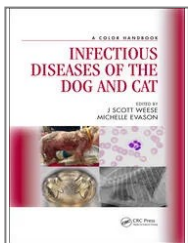
Through the lens of infectious disease, this book brings together the diverse range of topics necessary to be an effective global health practitioner at the intersection of human and animal health, particularly in developing countries. It explores what a practitioner should be aware of when working with infectious diseases globally, including technical skills, cultural competency, capacity building and big data. An important reference for upper-level undergraduate students, graduate students, and early practitioners in human, animal, and public health, this text highlights the competencies rather than focusing on the problems in Global One Health.

CRC Press  
January 2025 : 404pp  
Pb: 978-1-032-14067-4 : **£65.99**  
Hb: 978-1-032-14074-2 : **£185**  
eBook: 978-1-003-23222-3

\* For full contents and more information, visit: [www.routledge.com/9781032140674](http://www.routledge.com/9781032140674)

## Infectious Diseases of the Dog and Cat

A Color Handbook



*Edited by* **J Scott Weese, Michelle Evason**

*Series:* *Veterinary Color Handbook Series*

This is a concise and quick reference guide, clinically oriented, based on experience underpinned by published research data. The systems-based approach emphasizes the problem list process utilized by most practitioners when faced with a patient presenting with a single or variety of clinical symptoms. This allows generation of a complete list of infectious disease differentials, and the ability to include or exclude those indicated based on patient risk assessment. Pathogen specific information enables rational choice of diagnostics, therapy, and prognostication for a complete list of small animal infectious disease that includes bacterial, viral, parasitic/protozoal and fungal.

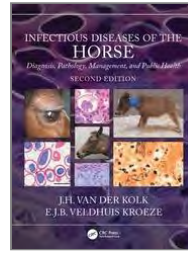
CRC Press  
May 2023 : 328pp  
Pb: 978-1-032-57010-5 : **£51.99**  
Hb: 978-1-498-77551-9 : **£135**  
eBook: 978-0-429-18664-6

\* For full contents and more information, visit: [www.routledge.com/9781032570105](http://www.routledge.com/9781032570105)

2ND EDITION

## Infectious Diseases of the Horse

Diagnosis, pathology, management, and public health



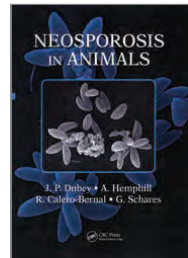
**J.H. van der Kolk** Utrecht Univ., **E.J.B. Veldhuis Kroeze** Erasmus Univ. Med. Centre

This comprehensive yet practical book about established infectious diseases of horses is categorized according to the different pathogens. The majority of equine infectious diseases caused by microbes and parasites are covered - bacterial, viral, protozoan, fungal, ectoparasitic and helminthic. Practical Appendices contain a list of differential diagnoses based on clinical signs to support clinical decision-making, a list of zoonoses and reportable diseases, and illustrations of clinical pathology and hematology. This is a valuable resource for all veterinary practitioners, scientists, students, technicians and nurses working with horses.

CRC Press  
December 2022 : 370pp  
Hb: 978-1-032-05428-5 : **£175**  
eBook: 978-1-003-19754-6

\* For full contents and more information, visit: [www.routledge.com/9781032054285](http://www.routledge.com/9781032054285)

## Neosporosis in Animals



**J.P. Dubey, A. Hemphill, R. Calero-Bernal, Gereon Schares**

Neosporosis is a very important parasitic disease of animals, affecting the cattle industries and dog breeders worldwide. The global economic losses are estimated in billions from fetal death in cattle. The parasite has a wide host range, and it causes neurological disorders. There is no vaccine to prevent this infection. Neosporosis can be used as a model for other diseases that are transmitted from the mother to their fetuses. Knowledge of the biology of this parasite, the genome and gene functions of Neospora, the epidemiology and different aspects of immunology, and its diagnosis and control have grown dramatically. Neosporosis in Animals covers all these different aspects.

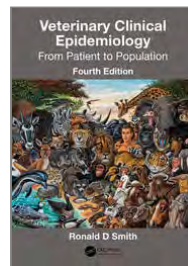
CRC Press  
September 2020 : 548pp  
Pb: 978-0-367-57370-6 : **£50.99**  
Hb: 978-1-498-75254-1 : **£190**  
eBook: 978-1-315-15256-1

\* For full contents and more information, visit: [www.routledge.com/9780367573706](http://www.routledge.com/9780367573706)

4TH EDITION

## Veterinary Clinical Epidemiology

From Patient to Population



**Ronald D. Smith** University of Illinois College of Veterinary Medicine, Urbana, USA

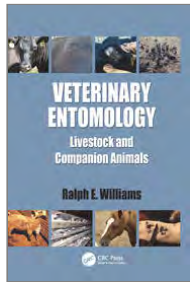
Ideal for veterinary students, residents and clinicians, the fourth edition of this bestselling textbook has been fully updated in line with developments in research and teaching. The logical chapter progression reflects the stages in a clinical case work-up and how epidemiological concepts and methods contribute. This new edition includes self-evaluation questions based on edited clinical research abstracts of online full-text reports, providing a template for student evaluation. The updated book includes guidelines for improving patient and population health outcomes, and detecting emerging diseases through systematic evaluation of patient encounters and electronic medical records.

CRC Press  
October 2019 : 272pp  
Pb: 978-1-138-39242-7 : **£94.99**  
Hb: 978-1-138-39298-4 : **£235**  
eBook: 978-0-429-40219-7

\* For full contents and more information, visit: [www.routledge.com/9781138392427](http://www.routledge.com/9781138392427)

## Veterinary Entomology

Livestock and Companion Animals



**Ralph E. Williams** Purdue University, West Lafayette, Indiana, USA

The first modern text dedicated to veterinary entomology, this work identifies those insects and related arthropods affecting the well being of livestock and companion animals. It provides detailed information on the problems they cause, while also offering guidelines on recommended pest management practices with a special emphasis on current trends and technology. The book covers cattle, swine, sheep and goats, poultry, pet animals, and horses. Written by a leading expert, this book is an excellent resource for all those involved with the handling and research of livestock and companion animals, as well as students in entomology, agricultural, and veterinarian science.

CRC Press

May 2017 : 376pp

Pb: 978-1-138-11818-8 : **£83.99**

Hb: 978-1-420-06849-8 : **£220**

eBook: 978-0-429-18433-8

\* For full contents and more information, visit: [www.routledge.com/9781138118188](http://www.routledge.com/9781138118188)

2ND EDITION

## Avian Medicine and Surgery

Self-Assessment Color Review, Second Edition



*Edited by* **Neil A. Forbes** Great Western Exotic Vets, Swindon, UK, **David Sanchez-Migallon Guzman** UC Davis, California, USA

*Series: Veterinary Self-Assessment Color Review Series*

The completely revamped second edition of Avian Medicine and Surgery includes over 260 all-new colour illustrated cases. The international editor and author team present a breadth of cases in random order, just as they would occur in actual practice. Questions based on each case are accompanied with answers that fully explore the disease or disorder in question. The book provides a valuable reference for both candidates preparing for examinations and practitioners in their continuing education.

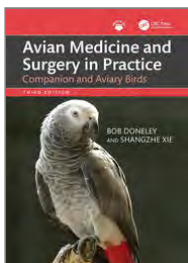
CRC Press  
July 2017 : 384pp  
Pb: 978-1-498-70351-2 : **£46.99**  
eBook: 978-1-315-11937-3

\* For full contents and more information, visit: [www.routledge.com/9781498703512](http://www.routledge.com/9781498703512)

3RD EDITION

## Avian Medicine and Surgery in Practice

Companion and Aviary Birds



*Edited by* **Bob Doneley** Queensland University, **Shangzhe Xie** Mandai Wildlife Group

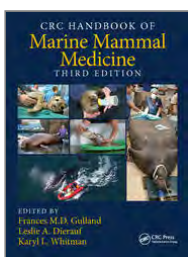
Avian Medicine and Surgery in Practice is an invaluable quick reference resource for clinicians, veterinary students and residents. Together Bob Doneley and Shangzhe Xie have thoroughly updated the book, incorporating the latest research and covering a larger range of species. Building on the practical aspects that make this book stand out from other resources, they have added step-by-step pictorial guides to common procedures and surgeries, as well as videos for more complicated ones. The book will therefore allow the practitioner to immediately help the patient at hand, whether to prescribe medication or perform life-saving surgery.

CRC Press  
June 2025 : 576pp  
Hb: 978-1-032-22422-0 : **£140**  
eBook: 978-1-003-27251-9

\* For full contents and more information, visit: [www.routledge.com/9781032224220](http://www.routledge.com/9781032224220)

3RD EDITION

## CRC Handbook of Marine Mammal Medicine



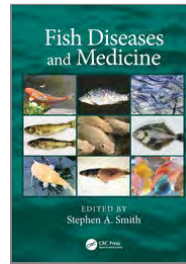
*Edited by* **Frances M.D. Gulland** Marine Mammal Center, Sausalito, California, USA, **Leslie A. Dierauf** Seattle, Washington, USA, **Karyl L. Whitman**

The new edition of the CRC Handbook of Marine Mammal Medicine provides a thorough and international approach to the husbandry, diseases, and environmental and political issues relating to marine mammal health and well-being. It covers all aspects of disease and health in cetaceans, pinnipeds, manatees, sea otters, and polar bears. In addition to the documented data on anatomy, physiology, infectious diseases, surgery, pathology, diagnostic imaging, and tagging and tracking, there are sections on marine mammals as sentinels of ocean health, strandings and rehabilitation, emerging diseases and public health considerations, legislative and regulatory issues, and careers in the field.

CRC Press  
May 2018 : 1144pp  
Hb: 978-1-498-79687-3 : **£245**  
eBook: 978-1-315-14493-1

\* For full contents and more information, visit: [www.routledge.com/9781498796873](http://www.routledge.com/9781498796873)

## Fish Diseases and Medicine



*Edited by* **Stephen A. Smith** Virginia-Maryland Regional College of Veterinary Medicine, USA

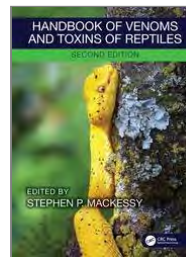
This comprehensive text provides an overview of fish medicine and the diseases and disorders of tropical, ornamental, bait and food fish from the freshwater, brackish and marine environments. The book is organized by body systems, an approach consistent with how a practitioner examines a diseased animal. Nineteen chapters by expert contributors offer an international perspective, exploring the problems affecting fish in various regions of the world.

CRC Press  
April 2019 : 412pp  
Hb: 978-1-498-72786-0 : **£96.99**  
eBook: 978-0-429-19525-9

\* For full contents and more information, visit: [www.routledge.com/9781498727860](http://www.routledge.com/9781498727860)

2ND EDITION

## Handbook of Venoms and Toxins of Reptiles



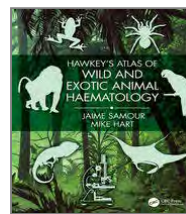
*Edited by* **Stephen P. Mackessy** University of Northern Colorado, Greeley, CO, USA

A decade after publication of the first edition, this handbook responds to extensive changes in the field of toxinology to endure as the most comprehensive review of reptile venoms on the market. The six sections of this new edition, which has nearly doubled in size, complement the original handbook by presenting current information from many of the leading researchers and physicians in toxinology, with topics ranging from functional morphology, evolution and ecology to crystallography, -omics technologies and more. The section on snakebite now includes several chapters dealing with the problem broadly and with new technologies.

CRC Press  
May 2021 : 680pp  
Hb: 978-0-367-14974-1 : **£190**  
eBook: 978-0-429-05420-4

\* For full contents and more information, visit: [www.routledge.com/9780367149741](http://www.routledge.com/9780367149741)

## Hawkey's Atlas of Wild and Exotic Animal Haematology



*Edited by* **Jaime Samour**, **Mike Hart**

This revised, updated and expanded edition of Christine Hawkey's A Colour Atlas of Comparative Veterinary Haematology is bursting with high-quality images to aid identification of blood cells and haemoparasites in the different species commonly seen in private practice and zoological collections. It will assist veterinarians in the identification of normal and abnormal blood cells and in understanding the structural differences of blood cells between the various taxa within the Animal Kingdom. With the help of this guide, readers will be able to understand haemoresponses in the presence of specific and non-specific disease processes.

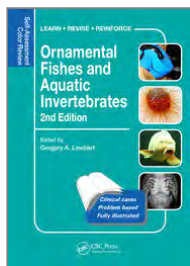
CRC Press  
December 2020 : 288pp  
Hb: 978-0-367-25701-9 : **£140**  
eBook: 978-0-429-29904-9

\* For full contents and more information, visit: [www.routledge.com/9780367257019](http://www.routledge.com/9780367257019)

2ND EDITION

## Ornamental Fishes and Aquatic Invertebrates

Self-Assessment Color Review, Second Edition



*Edited by* **Gregory A. Lewbart** North Carolina State University, Raleigh, USA

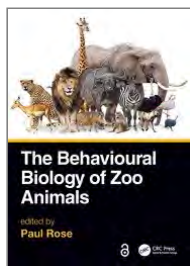
*Series:* *Veterinary Self-Assessment Color Review Series*

This is a new edition in the Self-Assessment Colour Review series that covers ornamental fish. It includes 200 colour illustrated cases in random order, as they would be presented in practice. It presents questions based on each case with answers that fully explore the disease/disorder. This new edition contains 250 new cases. The book should appeal to candidates preparing for examinations and to practitioners in their continuing education.

CRC Press  
September 2016 : 256pp  
Pb: 978-1-482-25886-8 : **£46.99**  
eBook: 978-1-315-38149-7

\* For full contents and more information, visit: [www.routledge.com/9781482258868](http://www.routledge.com/9781482258868)

## The Behavioural Biology of Zoo Animals



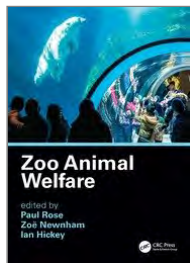
*Edited by* **Paul Rose** Exeter Univ.

This is the first book on captive animal behaviour and how this applies to welfare. The book enables all aspects of zoo husbandry and management (nutrition, enclosure design, handling and training, enrichment, population management) to be based on a sound knowledge of the species, its evolutionary and natural history. Chapters from expert authors cover a vast range of taxa, from primates and elephants to marine mammals and freshwater fish, to reptiles, birds and invertebrates. It explains how evidence from the wild can be implemented into captive care to support the wider aims of the zoo (conservation, education, research and recreation).

CRC Press  
November 2022 : 367pp  
Pb: 978-1-032-07716-1 : **£62.99**  
Hb: 978-1-032-07719-2 : **£170**  
eBook: 978-1-003-20847-1

\* For full contents and more information, visit: [www.routledge.com/9781032077161](http://www.routledge.com/9781032077161)

## Zoo Animal Welfare



*Edited by* **Paul Rose** Exeter Univ., **Zoe Newnham** Marwell Wildlife, **Ian Hickey** Chester Zoo

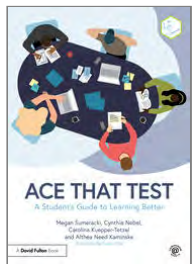
This book unpicks the different concepts of welfare in the zoo and aquarium, considering how enclosure design, nutrition, conservation activities, visitor engagement and daily husbandry all need to have a welfare-focus to be relevant to the species being housed. The book provides the practical application of evidence-based welfare theory, centred on the concept of “welfare-focussed husbandry”, which enables zoo animals to experience positive welfare. Zoo Animal Welfare will empower readers to go “beyond the norm” when considering what zoo animals really need, applying their new knowledge for the benefit of both animals and zoos.

CRC Press  
November 2025 : 410pp  
Pb: 978-1-032-54736-7 : **£52.99**  
Hb: 978-1-032-55176-0 : **£160**  
eBook: 978-1-003-42942-5

\* For full contents and more information, visit: [www.routledge.com/9781032547367](http://www.routledge.com/9781032547367)

## Ace That Test

A Student's Guide to Learning Better



**Megan Sumeracki, Cynthia Nebel, Carolina Kuepper-Tetzl, Althea Need Kaminske**

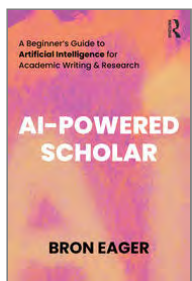
This exciting new text reveals the effective study strategies that will help you to use your time more efficiently, ace your tests, and retain information over time. In full colour and accompanied by beautifully illustrated graphics, *Ace That Test* offers evidence-based learning strategies that students can use during their study sessions, including dual coding and the power of retrieving what they know. With QR codes linking to answers to embedded questions and supplemental material, this is essential reading for college, university, and school students as well as educators teaching study skills or learning to learn courses.

Routledge  
July 2023 : 146pp  
Pb: 978-1-032-35585-6 : **£18.99**  
Hb: 978-1-032-35586-3 : **£145**  
eBook: 978-1-003-32753-0

\* For full contents and more information, visit: [www.routledge.com/9781032355856](http://www.routledge.com/9781032355856)

## AI-Powered Scholar

A Beginner's Guide to Artificial Intelligence for Academic Writing & Research



**Bron Eager** University of Tasmania, Australia

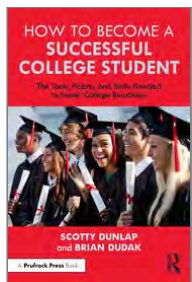
This book is a practical and comprehensive guide on using AI tools to streamline and optimise the academic writing and research process. Through a series of step-by-step instructions and practical tips, this book provides readers with the knowledge and tools they need to leverage the power of AI to produce high-quality academic publications. Whether you're a university student or a tenured professor, this book is your indispensable companion to beginning your path towards becoming an AI-powered scholar.

Routledge  
December 2024 : 168pp  
Pb: 978-1-032-66526-9 : **£19.99**  
Hb: 978-1-032-66525-2 : **£145**  
eBook: 978-1-032-66527-6

\* For full contents and more information, visit: [www.routledge.com/9781032665269](http://www.routledge.com/9781032665269)

## How to Become a Successful College Student

The Tools, Habits, and Skills Needed to Foster College Readiness



**Scotty Dunlap** Eastern Kentucky University, USA, **Brian Dudak** Middle Tennessee State University, USA

This book is your one-stop shop for the academic tools and habits needed to make your transition from high school to college a resounding success! The shift from high school to college can be a challenge, with many students finding the skills that had previously worked so well no longer seem to be enough. *How to Become a Successful College Student* outlines the strategies you need to 'level up' your current processes in order to foster learning and retention of information in a new and rigorous environment. This guide is a must-have resource for anyone who wants to maximize their higher education experience.

Prufrock Press  
November 2023 : 202pp  
Pb: 978-1-032-52409-2 : **£14.99**  
eBook: 978-1-003-41268-7

\* For full contents and more information, visit: [www.routledge.com/9781032524092](http://www.routledge.com/9781032524092)

## How to Solve A Problem

Insights for Critical Thinking, Problem-Solving, and Success in College



**Kelling J. Donald** University of Richmond, USA

This concise and accessible resource offers new college students, especially those in science degree programs, guidance on engaging successfully with the classroom experience and skillfully tackling technical or scientific questions. The author provides insights on identifying, from the outset, individual markers for what success in college will look like for students, how to think about the engagement with professors as a partnership, and how to function effectively in that partnership toward achieving their pre-defined goals or markers of success. It is an ideal companion for science degree prospects and first-generation students seeking insight into the college experience.

CRC Press  
April 2023 : 152pp  
Pb: 978-1-032-20361-4 : **£26.99**  
Hb: 978-1-032-20368-3 : **£66.99**  
eBook: 978-1-003-26334-0

\* For full contents and more information, visit: [www.routledge.com/9781032203614](http://www.routledge.com/9781032203614)

## Making Your Doctoral Research Project Ambitious

Developing Large-Scale Studies with Real-World Impact



*Edited by* **Nadia Siddiqui** Durham University, UK, **Stephen Gorard** Durham University, UK

This edited collection provides real and outstanding examples of multiple research design methodologies which will allow doctoral researchers to develop a wide set of research skills, leading to the development of a high-quality academic thesis from which peer reviewed research papers and books can emerge. Ideal reading for doctoral students and supervisors, this book is a source of encouragement and motivation for new researchers seeking to challenge general perceptions in the social sciences that PhD or other doctoral research projects must be small-scale rather than trivial studies, but can instead produce robust findings that have real-world implications.

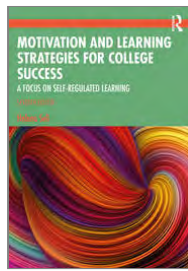
Routledge  
April 2022 : 278pp  
Pb: 978-1-032-06245-7 : **£30.99**  
Hb: 978-1-032-05975-4 : **£155**  
eBook: 978-1-003-20136-6

\* For full contents and more information, visit: [www.routledge.com/9781032062457](http://www.routledge.com/9781032062457)

7TH EDITION

## Motivation and Learning Strategies for College Success

A Focus on Self-Regulated Learning



**Helena Seli**

Now in its 7th edition, *Motivation and Learning Strategies for College Success: A Focus on Self-Regulated Learning* provides a framework organized around motivation, methods of learning, time management, control of the physical and social environment, and monitoring performance that makes it easy for students to recognize what they need to do to become successful learners. Full of rich pedagogical features and exercises, students will find Follow-Up Activities, Opportunities for Reflection, Chapter-End Reviews, Key Points, and a Glossary.

Routledge  
August 2023 : 304pp  
Pb: 978-1-032-47020-7 : **£54.99**  
Hb: 978-1-032-47255-3 : **£155**  
eBook: 978-1-003-38527-1

\* For full contents and more information, visit: [www.routledge.com/9781032470207](http://www.routledge.com/9781032470207)

2ND EDITION

## Stress, Cognition and Health

Real World Examples and Practical Applications



**Tony Cassidy**

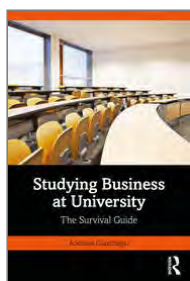
The new edition of this bestselling textbook provides a comprehensive overview of the latest research on stress and health, moving beyond the former deficit model to a resource growth model. It examines all aspects of the topic, from how the external world and the impact of technology makes demands upon individuals, through biological and psychological processes, to outcomes in terms health and wellbeing. The process is set within a dynamic, multilevel systems and developmental lifespan perspective. The book includes a history of the evolution of stress research and the biological systems and immune responses that translate external pressures into health outcomes.

Routledge  
October 2022 : 148pp  
Pb: 978-0-367-56418-6 : **£39.99**  
Hb: 978-0-367-56634-0 : **£140**  
eBook: 978-1-003-09873-7

\* For full contents and more information, visit: [www.routledge.com/9780367564186](http://www.routledge.com/9780367564186)

## Studying Business at University

The Survival Guide



**Andreas Giazitzoglu**

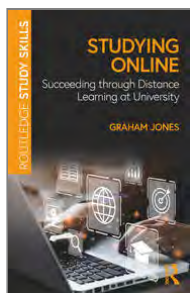
Studying Business at University provides new and prospective undergraduates with a concise and easy-to-read insight into what life is like as a business student today. Written in the style of an email dialogue between two students, it informs and reassures the new business student who is seeking advice on how to get the most out of their degree experience, and covers the whole degree from application to graduation – and beyond. This book will also be a helpful reference for lecturers who want to give their students as much support as possible as they learn to balance the demands of academia with the pressures of the real world.

Routledge  
March 2025 : 134pp  
Pb: 978-1-032-74042-3 : **£20.99**  
Hb: 978-1-032-74034-8 : **£155**  
eBook: 978-1-003-46739-7

\* For full contents and more information, visit: [www.routledge.com/9781032740423](http://www.routledge.com/9781032740423)

## Studying Online

Succeeding through Distance Learning at University



**Graham Jones** University of Buckingham, UK

Series: *Routledge Study Skills*

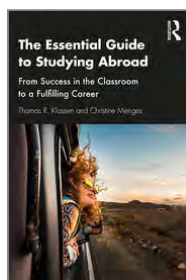
Helping you get to grips with online learning, this book contains a wealth of practical tips and strategies that will make studying online easier. Covering the advantages of online learning as well as the problems you might face, this book provides tried and tested advice to help you overcome those difficulties so that you can work to the best of your abilities. Identifying techniques designed specifically for studying online, with step-by-step instructions, as well as guidance on using online study software to the best effect, this must-have student companion provides tips and tricks to make university distance studying both effective and enjoyable.

Routledge  
July 2022 : 244pp  
Pb: 978-1-032-19539-1 : **£18.99**  
Hb: 978-1-032-19538-4 : **£140**  
eBook: 978-1-003-25969-5

\* For full contents and more information, visit: [www.routledge.com/9781032195391](http://www.routledge.com/9781032195391)

## The Essential Guide to Studying Abroad

From Success in the Classroom to a Fulfilling Career



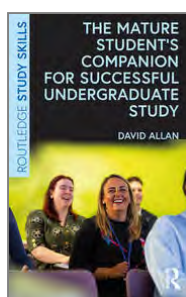
**Thomas R. Klassen** York University, Canada, **Christine Menges** WHU – Otto Beisheim School of Management, Germany

This book is an indispensable how-to-guide on flourishing when studying abroad, and how to use an international education to begin a fulfilling career after graduation. Written in an engaging and accessible style, using many examples, case studies and links to resources, the book reduces the stress of studying abroad. Covering all aspects of the international student experience – inside and outside the classroom – the book encourages young people to perform their very best and succeed in their new environment. International students preparing for cross cultural learning and recent graduates looking for employment will find this book both practical and inspiring.

Routledge  
August 2019 : 238pp  
Pb: 978-0-367-23516-1 : **£35.99**  
Hb: 978-0-367-23515-4 : **£155**  
eBook: 978-0-429-28011-5

\* For full contents and more information, visit: [www.routledge.com/9780367235161](http://www.routledge.com/9780367235161)

## The Mature Student's Companion for Successful Undergraduate Study



**David Allan** Edge Hill University, UK

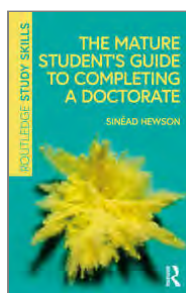
Series: *Routledge Study Skills*

A guiding resource and supportive companion, this book is designed for mature individuals intending to undertake an undergraduate degree. With a wealth of practical strategies for developing study skills, whilst, at the same time, addressing the changes that university study can bring, this key text highlights the significance of individual strengths obtained from life experiences, and demonstrates their importance in learning as a mature student. Packed full of activities to support development and case studies to exemplify a range of situations, this is a must-read for anyone looking to undertake an undergraduate degree as a mature student.

Routledge  
June 2025 : 170pp  
Pb: 978-1-032-61924-8 : **£17.99**  
Hb: 978-1-032-61923-1 : **£155**  
eBook: 978-1-032-61925-5

\* For full contents and more information, visit: [www.routledge.com/9781032619248](http://www.routledge.com/9781032619248)

## The Mature Student's Guide to Completing a Doctorate



**Sinéad Hewson**

Series: *Routledge Study Skills*

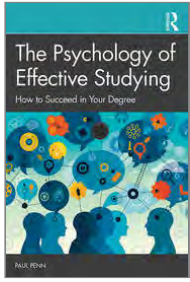
Carefully structured to make it accessible and easy to follow, this thought-provoking book encourages the reader to facilitate a dialogue across disciplines so that unconventional students are acknowledged and can discover a successful path towards admission and PhD completion. It is a must-read for advanced academic researchers, advanced post-graduate students and experienced professionals with vocational backgrounds who are seeking recognition for their knowledge and alternative pathways to contribute to the sector.

Routledge  
April 2024 : 282pp  
Pb: 978-1-032-53800-6 : **£17.99**  
Hb: 978-1-032-53801-3 : **£145**  
eBook: 978-1-003-41369-1

\* For full contents and more information, visit: [www.routledge.com/9781032538006](http://www.routledge.com/9781032538006)

## The Psychology of Effective Studying

How to Succeed in Your Degree



**Paul Penn** Independent Scholar, UK

This book provides a vital guide for students to key study skills that are instrumental in success at university. It uses a combination of research from cognitive psychology, humour and practical examples to convey where students often go fundamentally wrong in their studying practices and provides clear and concise advice on how they can improve. The book covers time management, academic integrity, writing essays, team work, and other key required skills for academic study. Written in a humorous and irreverent tone, and including illustrations and examples from popular culture, this is the ideal alternative and accessible study skills resource for any student at undergraduate level.

Routledge

August 2019 : 244pp

Pb: 978-1-138-57092-4 : **£23.99**

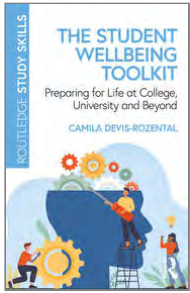
Hb: 978-1-138-57090-0 : **£140**

eBook: 978-0-203-70311-3

\* For full contents and more information, visit: [www.routledge.com/9781138570924](http://www.routledge.com/9781138570924)

## The Student Wellbeing Toolkit

Preparing for Life at College, University and Beyond



**Camila Devis-Rozental** Bournemouth University, UK

*Series: Routledge Study Skills*

The Student Wellbeing Toolkit puts wellbeing at the centre of your journey into university and beyond. By encouraging self-efficacy and a focus on the things you can control, it provides clear guidance to enhance wellbeing and opportunities for self-reflection that help develop self-awareness and prosocial skills for life. Drawing on research evidenced theories around positive psychology, theories of learning, motivation, and self-development, the book explores what, how, and why these areas are key to our wellbeing and the rationale for taking them into account to enable you to flourish and thrive at university.

Routledge

June 2023 : 286pp

Pb: 978-1-032-32966-6 : **£18.99**

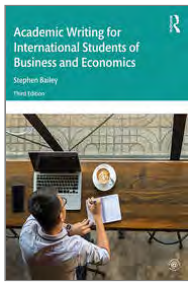
Hb: 978-1-032-32965-9 : **£155**

eBook: 978-1-003-31754-8

\* For full contents and more information, visit: [www.routledge.com/9781032329666](http://www.routledge.com/9781032329666)

3RD EDITION

## Academic Writing for International Students of Business and Economics



**Stephen Bailey** Taught English internationally and at the Univ of Nottingham & Derby Univ & has previously published with Routledge

Now in its third edition, this key text helps international students succeed in writing essays and reports for their business and economics course. Thoroughly revised and updated, it is designed to be used by teachers in the classroom and students for self-study. New topics in this edition include writing in groups, written British and American English, and reflective writing. In addition, the new interactive website has a full set of teaching notes as well as more challenging exercises, revision material and links to other sources. Written to deal with the specific language issues faced by international students, this practical, user-friendly book is an invaluable guide.

Routledge  
January 2020 : 346pp  
Pb: 978-0-367-28031-4 : **£30.99**  
Hb: 978-0-367-28030-7 : **£155**  
eBook: 978-0-429-29927-8

\* For full contents and more information, visit: [www.routledge.com/9780367280314](http://www.routledge.com/9780367280314)

## Academic Writing for University Students



**Stephen Bailey** Taught English internationally and at the Univ of Nottingham & Derby Univ & has previously published with Routledge

Designed to help students succeed in writing university-level essays and reports, this book has been carefully designed for use both in the classroom and for self-study. Covering three key areas: the writing process, elements of writing and writing models, it encourages critical writing and developing a voice. Academic Writing in the University provides all of the tools necessary to produce excellent written work. With progress checks, practical examples and self-testing units, this practical, user-friendly book covers all stages of the writing process and is an invaluable guide to academic writing in the university.

Routledge  
December 2021 : 324pp  
Pb: 978-0-367-44539-3 : **£24.99**  
Hb: 978-0-367-44538-6 : **£155**  
eBook: 978-1-003-01021-0

\* For full contents and more information, visit: [www.routledge.com/9780367445393](http://www.routledge.com/9780367445393)

6TH EDITION

## Academic Writing

A Handbook for International Students



**Stephen Bailey** Taught English internationally and at the Univ of Nottingham & Derby Univ & has previously published with Routledge

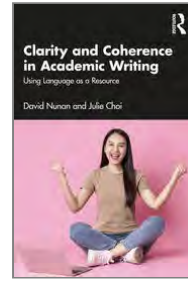
The sixth edition of this popular book has been written to help international students succeed in writing essays and reports for their English-language academic courses. Thoroughly revised and updated in a streamlined format making it even easier to use, it is designed to let readers find the support they need easily, both in the classroom and for self-study. The book consists of three parts, comprising a total of 28 units, all of which are fully cross-referenced and can be taught in conjunction with each other or used for reference. A progress check at the end of each part allows students to self-assess their learning.

Routledge  
March 2025 : 320pp  
Pb: 978-1-032-83417-7 : **£28.99**  
Hb: 978-1-032-83418-4 : **£155**  
eBook: 978-1-003-50926-4

\* For full contents and more information, visit: [www.routledge.com/9781032834177](http://www.routledge.com/9781032834177)

## Clarity and Coherence in Academic Writing

Using Language as a Resource



**David Nunan, Julie Choi** University of Melbourne, Australia

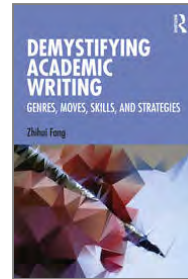
This book presents a lively, rich, and concise introduction to the key concepts and tools for developing clarity and coherence in academic writing. Well-known authors and linguists David Nunan and Julie Choi provide examples of the linguistic procedures that writers can draw on to enhance clarity and coherence for the reader. This resource makes complex concepts accessible to the emergent writer and illustrates how these concepts can be applied to their own writing. In-text projects and tasks invite you, the reader, to experiment with principles and ideas in developing your identity and voice as a writer.

Routledge  
March 2023 : 224pp  
Pb: 978-1-032-01382-4 : **£29.99**  
Hb: 978-1-032-01559-0 : **£140**  
eBook: 978-1-003-17909-2

\* For full contents and more information, visit: [www.routledge.com/9781032013824](http://www.routledge.com/9781032013824)

## Demystifying Academic Writing

Genres, Moves, Skills, and Strategies



**Zhihui Fang**

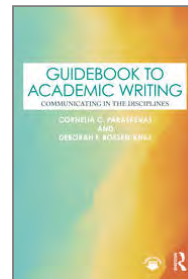
Accessible and informative, this book is designed to enhance the capacity of graduate and undergraduate students, as well as early career scholars, to write for academic purposes. Fang describes the key genres and types of academic writing, explains common rhetorical moves, offers linguistic strategies and insights to give students the skills they need for effective academic writing across genres and disciplines. Assuming no technical knowledge, this text is ideal for both non-native and native English speakers alike, and for courses in academic writing, composition, and L2 writing instruction.

Routledge  
April 2021 : 286pp  
Pb: 978-0-367-65354-5 : **£41.99**  
Hb: 978-0-367-67508-0 : **£155**  
eBook: 978-1-003-13161-8

\* For full contents and more information, visit: [www.routledge.com/9780367653545](http://www.routledge.com/9780367653545)

## Guidebook to Academic Writing

Communicating in the Disciplines



**Cornelia C. Paraskevas, Deborah F. Rossen-Knill**

This innovative guidebook is a concise introduction to discipline-specific academic language. Using authentic texts written by both novice and expert writers and 'translating' current, corpus-based research of academic language into a practical guide, the book gives students the tools to navigate the linguistic features of various disciplines. With exercises and additional online resources, this guidebook provides students with a range of tools they can choose from in order to create effective texts that meet discipline and reader expectations. Accessibly written, it is an essential guide for all students in humanities and sciences writing academic texts in English.

Routledge  
July 2024 : 240pp  
Pb: 978-1-032-48470-9 : **£39.99**  
Hb: 978-1-032-48472-3 : **£155**  
eBook: 978-1-003-38924-8

\* For full contents and more information, visit: [www.routledge.com/9781032484709](http://www.routledge.com/9781032484709)

## How to Write Qualitative Research



**Marcus B. Weaver-Hightower** University of North Dakota, USA

Qualitative research has exploded in popularity in nearly every discipline from the social sciences to health fields to business. While many qualitative textbooks explain how to conduct an interview or analyze fieldnotes, rarely do they give more than a few scant pages to the skill many find most difficult: writing. That's where *How to Write Qualitative Research* comes in. Using clear prose, helpful examples and lists, it breaks down and explains the most common writing tasks in qualitative research, and each chapter suggests step-by-step how-to approaches writers can use to tackle those tasks.

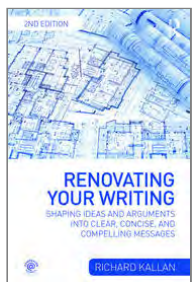
Routledge  
October 2018 : 282pp  
Pb: 978-1-138-06631-1 : **£45.99**  
Hb: 978-1-138-06630-4 : **£155**  
eBook: 978-1-315-15926-3

\* For full contents and more information, visit: [www.routledge.com/9781138066311](http://www.routledge.com/9781138066311)

2ND EDITION

## Renovating Your Writing

Shaping Ideas and Arguments into Clear, Concise, and Compelling Messages



**Richard Kallan**

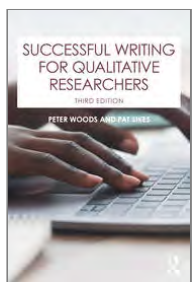
*Renovating Your Writing* outlines the principles of effective composition by focusing on the essential skill set and mindset every successful writer must possess. Now in its second edition, this novel text provides readers with unique strategies for crafting and revising their writing, whether for school, work, or play. The new edition emphasizes, in particular, the importance of the writer embracing a rhetorical perspective, distinguishing between formal and social media compositional styles, and appreciating the effort needed to produce clear, concise, and compelling messages.

Routledge  
July 2017 : 190pp  
Pb: 978-1-138-72677-2 : **£31.99**  
Hb: 978-1-138-72676-5 : **£155**  
eBook: 978-1-315-18660-3

\* For full contents and more information, visit: [www.routledge.com/9781138726772](http://www.routledge.com/9781138726772)

3RD EDITION

## Successful Writing for Qualitative Researchers



**Peter Woods, Pat Sikes**

The third edition of this text has been brought fully up to date to cover developments in funding and institutional requirements. With new material on the responsibilities of the writer, technological developments, the ability to reach wider audiences and arts-based research, this book is designed to give practical advice to aspiring and established academic writers on mind-sets, strategies, techniques and opportunities. A must-read guide for all those looking to translate their qualitative research into writing.

Routledge  
March 2022 : 190pp  
Pb: 978-0-367-69823-2 : **£30.99**  
Hb: 978-0-367-69822-5 : **£155**  
eBook: 978-1-003-14340-6

\* For full contents and more information, visit: [www.routledge.com/9780367698232](http://www.routledge.com/9780367698232)

2ND EDITION

## The Essentials of Academic Writing for International Students



**Stephen Bailey** Taught English internationally and at the Univ of Nottingham & Derby Univ & has previously published with Routledge

Written to help international students write essays and reports for their English-language university courses, this key title covers the essentials needed to achieve academic writing success. An easy-to-follow course that builds writing confidence and can be used both in the classroom and for self-study, this second edition has been thoroughly revised and updated to contain relevant examples, explanations and exercises. All international students wanting to maximise their academic potential will find this practical, concise and easy-to-use book an invaluable guide to writing in English for their degree courses.

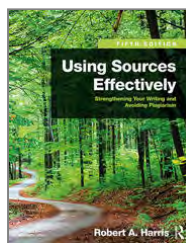
Routledge  
March 2024 : 252pp  
Pb: 978-1-032-72170-5 : **£23.99**  
Hb: 978-1-032-72173-6 : **£155**  
eBook: 978-1-032-72172-9

\* For full contents and more information, visit: [www.routledge.com/9781032721705](http://www.routledge.com/9781032721705)

5TH EDITION

## Using Sources Effectively

Strengthening Your Writing and Avoiding Plagiarism



**Robert A. Harris**

Now in its fifth, expanded edition, *Using Sources Effectively*, Fifth Edition targets the two most prominent problems in current research-paper writing: the increase in unintentional plagiarism and the ineffective use of research source material. Designed as a supplementary textbook for both undergraduate and graduate courses, this book will help every student who uses research in writing. Included in this edition is coverage of research strategies and source selection (Chapter 2), a chapter on quoting sources effectively (Chapter 4), and a chapter on sentence patterns (Chapter 10). APA and MLA citation styles have been updated throughout the text.

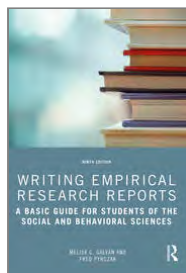
Routledge  
January 2017 : 210pp  
Pb: 978-1-138-28968-0 : **£60.99**  
Hb: 978-1-138-28966-6 : **£185**  
eBook: 978-1-315-26706-7

\* For full contents and more information, visit: [www.routledge.com/9781138289680](http://www.routledge.com/9781138289680)

9TH EDITION

## Writing Empirical Research Reports

A Basic Guide for Students of the Social and Behavioral Sciences



**Melisa C. Galvan** California State University, Northridge, USA

*Writing Empirical Research Reports: A Basic Guide for Students of the Social and Behavioral Sciences*, Ninth Edition, offers clear and practical guidance on how to write research proposals, reports, theses, and dissertations. Accompanied by online resources for students and instructors, this book is ideal for use in research methods courses, thesis/dissertation preparation courses, research seminars where writing a research report is a culminating activity, and any graduate-level seminar in which the instructor covers the vital components necessary to prepare a research manuscript for submission for publication.

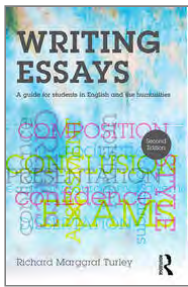
Routledge  
October 2023 : 196pp  
Pb: 978-1-032-13680-6 : **£59.99**  
Hb: 978-1-032-13678-3 : **£145**  
eBook: 978-1-003-23041-0

\* For full contents and more information, visit: [www.routledge.com/9781032136806](http://www.routledge.com/9781032136806)

2ND EDITION

## Writing Essays

A guide for students in English and the humanities



**Richard Marggraf Turley** Aberystwyth University, Wales.

Essays are a major form of assessment in higher education today and this is a fact that causes some writers a great deal of anxiety. Fortunately, essay writing is a skill that can be learned, like any other. Writing Essays demystifies the entire process of essay writing and reveals the tricks of the trade, making your student life easier. You'll learn how to impress tutors by discovering exactly what markers look for when they read your work. Using practical examples selected from real student assignments and tutor feedback, this book covers every aspect of composition, from introductions and conclusions, down to presentation and submission.

Routledge  
November 2015 : 158pp  
Pb: 978-1-138-91669-2 : **£23.99**  
Hb: 978-1-138-91668-5 : **£155**  
eBook: 978-1-315-68944-9

\* For full contents and more information, visit: [www.routledge.com/9781138916692](http://www.routledge.com/9781138916692)

8TH EDITION

## Writing Literature Reviews

A Guide for Students of the Social and Behavioral Sciences



**Melisa C. Galvan** California State University, Northridge, USA, **Jose L. Galvan** Professor Emeritus, California State University, Los Angeles.

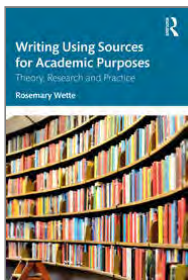
Writing Literature Reviews provides students with practical guidelines for the complex process of writing literature reviews for course projects, theses or dissertations, and research manuscripts for publication. It is ideal for use in research methods courses, thesis/dissertation preparation courses, research seminars where a literature review is expected as a culminating activity, or any course in which the instructor needs to cover the vital components necessary to prepare a literature review for a variety of audiences. The book is supported by online materials including self-test quizzes for students, and lecture slides for instructors.

Routledge  
November 2024 : 288pp  
Pb: 978-1-032-32868-3 : **£66.99**  
Hb: 978-1-032-32862-1 : **£190**  
eBook: 978-1-003-31709-8

\* For full contents and more information, visit: [www.routledge.com/9781032328683](http://www.routledge.com/9781032328683)

## Writing Using Sources for Academic Purposes

Theory, Research and Practice



**Rosemary Wette**

Writing Using Sources for Academic Purposes: Theory, Research and Practice provides research-based information about key components of source-based writing, and the challenges it presents for novices.

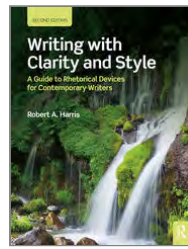
Routledge  
December 2020 : 164pp  
Pb: 978-0-367-17592-4 : **£41.99**  
Hb: 978-0-367-17590-0 : **£155**  
eBook: 978-0-429-05751-9

\* For full contents and more information, visit: [www.routledge.com/9780367175924](http://www.routledge.com/9780367175924)

2ND EDITION

## Writing with Clarity and Style

A Guide to Rhetorical Devices for Contemporary Writers



**Robert A. Harris**

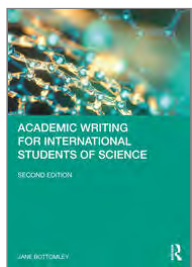
Writing with Clarity and Style, 2nd Edition, will help you to improve your writing dramatically. The book shows you how to use dozens of classical rhetorical devices to bring power, clarity, and effectiveness to your writing. You will also learn about writing styles, authorial personas, and sentence syntax as tools to make your writing interesting and persuasive. If you want to improve the appeal and persuasion of your speeches, this is also the book for you.

Routledge  
December 2017 : 232pp  
Pb: 978-1-138-56009-3 : **£40.99**  
Hb: 978-1-138-56010-9 : **£155**  
eBook: 978-0-203-71204-7

\* For full contents and more information, visit: [www.routledge.com/9781138560093](http://www.routledge.com/9781138560093)

2ND EDITION

## Academic Writing for International Students of Science



**Jane Bottomley** University of Manchester

This second edition is an accessible companion designed to help science and technology students develop the knowledge, skills and strategies needed to produce clear and coherent academic writing in their university assignments. Using authentic texts to explore the nature of scientific writing, the book covers key areas such as scientific style, effective sentence and paragraph structure, and coherence in texts and arguments. Throughout the book, a range of tasks offers the opportunity to put theory into practice. This is an invaluable tool for the busy science or technology student looking to improve their writing and reach their full academic potential.

Routledge

October 2021 : 220pp

Pb: 978-0-367-63272-4 : **£30.99**

Hb: 978-0-367-63271-7 : **£155**

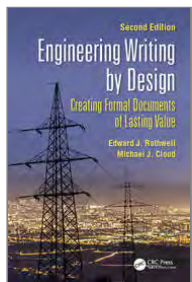
eBook: 978-1-003-11857-2

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2ND EDITION

## Engineering Writing by Design

Creating Formal Documents of Lasting Value, Second Edition



**Edward J. Rothwell, Michael J. Cloud**

This book shows how effective writing can be achieved by thinking like an engineer. Based on the authors' combined experience as engineering educators, the book presents a novel approach to technical writing, positioning formal writing tasks as engineering design problems with requirements, constraints, protocols, standards, and customers (readers) to satisfy. Featuring illustrative examples, chapter summaries and exercises, quick-reference tables, and recommendations for further reading, this book is packed with valuable tips and information practicing and aspiring engineers need to become effective writers.

CRC Press

January 2020 : 257pp

Pb: 978-0-367-34754-3 : **£55.99**

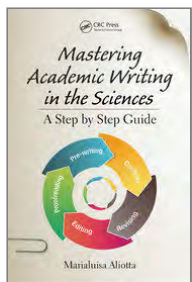
Hb: 978-0-367-89682-9 : **£125**

eBook: 978-0-429-32769-8

\* For full contents and more information, visit: [www.routledge.com/9780367347543](http://www.routledge.com/9780367347543)

## Mastering Academic Writing in the Sciences

A Step-by-Step Guide



**Marialuisa Aliotta**

This book provides a comprehensive and coherent step-by-step guide to writing in scientific academic disciplines. It is an invaluable resource for those working on a PhD thesis, research paper, dissertation, or report. Writing these documents can be a long and arduous experience for students and their supervisors, and even for experienced researchers. However, this book can hold the key to success. Mapping the steps involved in the writing process - from acquiring and organizing sources of information, to revising early drafts, to proofreading the final product - it provides clear guidance on what to write and how best to write it.

CRC Press

April 2018 : 200pp

Pb: 978-1-498-70147-1 : **£52.99**

Hb: 978-1-138-74288-8 : **£140**

eBook: 978-1-351-00214-1

\* For full contents and more information, visit: [www.routledge.com/9781498701471](http://www.routledge.com/9781498701471)

3RD EDITION

## Technical Writing

A Practical Guide for Engineers, Scientists, and Nontechnical Professionals



**Philip A. Laplante** The Pennsylvania State University, Malvern, USA, **Chris Laplante**

Series: *What Every Engineer Should Know*

This practical text enables readers to write, edit, and publish materials of a technical nature, including books, articles, reports, and electronic media. Written by experienced practicing engineers, this guide complements traditional technical writing manuals through presentation of first-hand examples that help readers understand practical considerations in writing and producing technical content. The new edition includes new and updated exercises, examples, and case studies and includes new content on software/systems documentation, popular writing tools, and technologies such as generative AI. It is aimed at students and professionals in the science and engineering domains.

CRC Press

November 2025 : 271pp

Pb: 978-1-032-84374-2 : **£47.99**

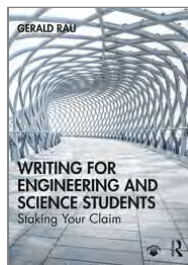
Hb: 978-1-032-84375-9 : **£160**

eBook: 978-1-003-51243-1

\* For full contents and more information, visit: [www.routledge.com/9781032843742](http://www.routledge.com/9781032843742)

## Writing for Engineering and Science Students

Staking Your Claim



**Gerald Rau**

Drawing on his extensive experience of teaching international students, Gerald A. Rau provides a clear "argument structure" for students to follow when undertaking both academic and technical writing. This is the first book to make clear the different structures required for engineering versus scientific articles. Tasks and exercises are provided throughout. Using the research article as a model and covering lab reports, research proposals, dissertations, poster presentations, industry reports, emails and job applications, this book is essential reading for all students of science and engineering who are taking a course in writing, or seeking a resource to aid in their writing assignments.

Routledge

August 2019 : 324pp

Pb: 978-1-138-38825-3 : **£40.99**

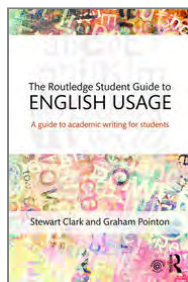
Hb: 978-1-138-38824-6 : **£155**

eBook: 978-0-429-42568-4

\* For full contents and more information, visit: [www.routledge.com/9781138388253](http://www.routledge.com/9781138388253)

## The Routledge Student Guide to English Usage

A guide to academic writing for students



**Stewart Clark** Norwegian University of Science and Technology, **Graham Pointon**

The Routledge Student Guide to English Usage is an authoritative A-Z guide to key aspects of English usage. Covering approximately 4000 carefully selected words, the authors focus on groups of confusable words that sound alike, look alike or are frequently mixed up. Examples of good usage are drawn from corpora such as the British National Corpus and the Corpus of Contemporary American English. A substantial reference section is also provided with stylistic guidance on academic writing skills, email standards, punctuation and grammar tips. This is the essential reference text for all students working on improving their academic writing skills.

Routledge

May 2016 : 402pp

Pb: 978-1-138-93359-0 : **£41.99**

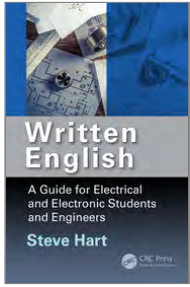
Hb: 978-1-138-93358-3 : **£155**

eBook: 978-1-315-67843-6

\* For full contents and more information, visit: [www.routledge.com/9781138933590](http://www.routledge.com/9781138933590)

## Written English

A Guide for Electrical and Electronic Students and Engineers



**Steve Hart** English Language Editor and Resource Writer, Cambridge, UK

This book covers all aspects of English grammar relevant to electrical and electronic engineers. It discusses working with numbers and algebra, including correct formatting procedures (both body citations and references). The book addresses vocabulary and stylistic issues, describes the level of writing expected in the field, reveals often-made mistakes, and indicates areas where engineers should focus their efforts. The text also offers unique insight into problems students and academics face on a day-to-day basis when writing in a language that is not their mother tongue.

CRC Press

December 2015 : 216pp

Pb: 978-1-498-73962-7 : **£41.99**

Hb: 978-1-138-42241-4 : **£200**

eBook: 978-1-315-21412-2

\* For full contents and more information, visit: [www.routledge.com/9781498739627](http://www.routledge.com/9781498739627)

## 50 Things to Think About When Writing a Thesis

Paving Your Own Path to Submission



**Donna Starks** University of Auckland, New Zealand,  
**Margaret J. Robertson** La Trobe University, Australia

This book shows thesis writers how to embrace the individual nature of writing, bringing their own unique identities and skillsets to their thesis. Each idea is presented as one that has multiple solutions depending on who the readers are and what they want to achieve. The book guides the reader on identifying their own ways of working, their own particular strengths, as well as their unique voice and how to use these as tools to navigate the process of writing and surviving the thesis. It also provides practical guidance on elements such as the literature review and methodology, considerations around language and how to deal with life after submission.

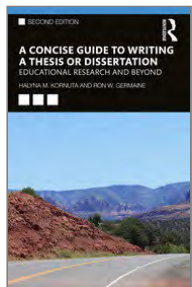
Routledge  
August 2023 : 136pp  
Pb: 978-1-032-34699-1 : **£28.99**  
Hb: 978-1-032-34700-4 : **£145**  
eBook: 978-1-003-32340-2

\* For full contents and more information, visit: [www.routledge.com/9781032346991](http://www.routledge.com/9781032346991)

2ND EDITION

## A Concise Guide to Writing a Thesis or Dissertation

Educational Research and Beyond



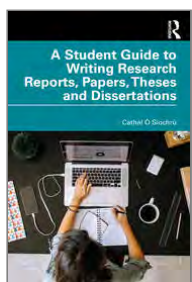
**Halyna M. Kornuta**, **Ron W. Germaine**

A Concise Guide to Writing a Thesis or Dissertation provides clear, concise, and intentional practice guidelines about organizing and writing a thesis or dissertation. Part I provides an overview for writing a thesis or dissertation. It describes the big picture of planning and formatting a research study, from identifying a topic through to writing quality. Part II describes the framework and substance of a research study. It models the pattern generally found in a formal, five-chapter research study.

Routledge  
May 2019 : 134pp  
Pb: 978-0-367-17458-3 : **£19.99**  
Hb: 978-0-367-17457-6 : **£140**  
eBook: 978-0-429-05688-8

\* For full contents and more information, visit: [www.routledge.com/9780367174583](http://www.routledge.com/9780367174583)

## A Student Guide to Writing Research Reports, Papers, Theses and Dissertations



**Cathal Ó Siochrú**

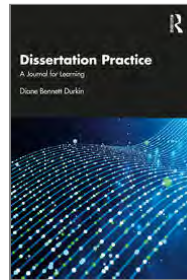
This useful guide for students combines all the guidance, advice, and key tips needed to write successful research reports, theses, or dissertations, exploring, in detail, each of the elements involved in writing an academic paper. The book will guide you through all the key sections of a report including the Introduction, Literature Review, Method, Results, Discussion and more.

Routledge  
November 2022 : 234pp  
Pb: 978-0-367-62104-9 : **£23.99**  
Hb: 978-0-367-62103-2 : **£140**  
eBook: 978-1-003-10796-5

\* For full contents and more information, visit: [www.routledge.com/9780367621049](http://www.routledge.com/9780367621049)

## Dissertation Practice

A Journal for Learning



**Diane Bennett Durkin**

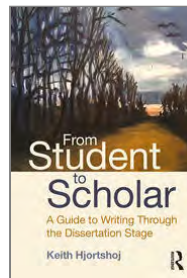
Dissertation Practice: A Journal for Learning is an interactive resource that promotes journaling to engender key dissertation practices, through activities and exercises. It is rooted in the view that students can use journaling to promote thought, and that the privacy of journal entries ensures comfort and familiarity. This personal context, along with the book's open prompts, allows students to engage in extended and alternative thinking. This is an essential resource for students in Ph.D and Ed.D programs in the social sciences and education who are using qualitative, quantitative, and mixed methods.

Routledge  
October 2024 : 198pp  
Pb: 978-1-032-85800-5 : **£26.99**  
Hb: 978-1-032-85804-3 : **£145**  
eBook: 978-1-003-51990-4

\* For full contents and more information, visit: [www.routledge.com/9781032858005](http://www.routledge.com/9781032858005)

## From Student to Scholar

A Guide to Writing Through the Dissertation Stage



**Keith Hjortshoj** John S. Knight Writing Program, Cornell University

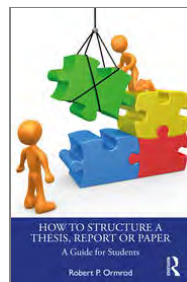
From Student to Scholar guides graduate students through the "hidden" developmental transition required in writing a dissertation and moving beyond, to become a successful scholar. Identifying common rhetorical challenges across disciplines, author Hjortshoj explains how to accommodate evolving audiences, motivations, standards, writing processes, and timelines. One full chapter is devoted to "writing blocks," and another offers advice to international students who are non-native speakers of English. The text also offers advice for managing relations with advisors and preparing for the diverse careers that PhDs, trained primarily as research specialists, actually enter.

Routledge  
August 2018 : 204pp  
Pb: 978-1-138-56944-7 : **£51.99**  
Hb: 978-1-138-56942-3 : **£155**  
eBook: 978-0-203-70426-4

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## How to Structure a Thesis, Report or Paper

A Guide for Students



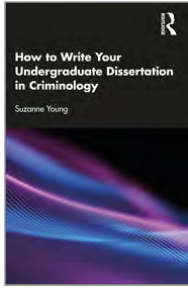
**Robert P. Ormrod**

This book provides concise practical guidance for students to help make their student's writing process more structured for their group work or thesis at any level. It therefore shows how to demonstrate meaningfully what they have learned in the relevant course or degree programme in a way that is accessible to the supervisor and the examiner. Suitable for students completing theses at Bachelors and Masters level, as well as other types of report-based work, and for supervisors looking for a clear and practical guide to help students with their writing process. The book will also provide a bridge to writing papers for journals in an academic career.

Routledge  
November 2022 : 130pp  
Pb: 978-1-032-36946-4 : **£19.99**  
Hb: 978-1-032-36948-8 : **£140**  
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## How to Write Your Undergraduate Dissertation in Criminology



**Suzanne Young**

This book provides a guide for undergraduate criminology and criminal justice students undertaking their final year dissertation. Drawing on empirical case studies and including a range of resources and templates, this book takes students through each stage of the dissertation and offers useful guidance on structure and content.

Routledge  
April 2022 : 146pp  
Pb: 978-0-367-85999-2 : **£25.99**  
Hb: 978-0-367-85998-5 : **£155**  
eBook: 978-1-003-01633-5

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## Principles and Concepts of Social Research

A Critical Examination of Methodology, Methods and Analysis for Emerging Researchers



**Simon Hayhoe**

This text covers the foundations of social science research, outlining the history and core elements of Western social research, along with a variety of topics, ranging from the history of scientific beliefs from Ancient Greece to the contemporary world. This book will be of use to core research units and training programs that universities provide at postgraduate level, at doctoral level and for early career post-doctoral researchers, to develop greater understanding of issues surrounding research. In addition to its theory, the contents of the book will include questions for discussion in seminars and small group work.

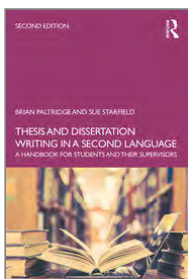
Routledge  
December 2022 : 200pp  
Pb: 978-1-032-14967-7 : **£37.99**  
Hb: 978-1-032-14966-0 : **£140**  
eBook: 978-1-003-24199-7

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2ND EDITION

## Thesis and Dissertation Writing in a Second Language

A Handbook for Students and their Supervisors



**Brian Paltridge, Sue Starfield**

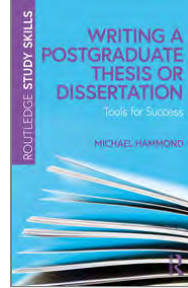
This fully updated edition is the guide for non-native speakers writing a thesis or dissertation in English. It explicitly unpacks academic writing, using accessible language and practical examples and discusses the issues that are crucial to success. These include: understanding the setting and purpose, understanding writer/reader relationships, issues of writer identity and what examiners really value. Suitable for students from all disciplines writing in a second language this book is equally valuable for supervisors of non-native speakers as it provides tasks that can be used with students to guide them in their writing.

Routledge  
August 2019 : 248pp  
Pb: 978-1-138-04870-6 : **£31.99**  
Hb: 978-1-138-04869-0 : **£140**  
eBook: 978-1-315-17002-2

\* For full contents and more information, visit: [www.routledge.com/9781138048706](http://www.routledge.com/9781138048706)

## Writing a Postgraduate Thesis or Dissertation

Tools for Success



**Michael Hammond**

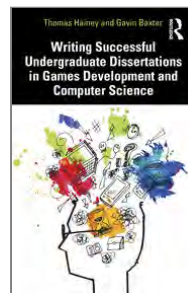
Series: *Routledge Study Skills*

Writing a Postgraduate Dissertation or Thesis discusses the challenges that students encounter in their writing and provides thoughtful advice on how to address those challenges. It provides key advice on how to write about a field of research, the tradition of methodology and methods undertaken, and the contribution to knowledge that is being made.

Routledge  
July 2022 : 172pp  
Pb: 978-0-367-75282-8 : **£20.99**  
Hb: 978-0-367-75281-1 : **£155**  
eBook: 978-1-003-16182-0

\* For full contents and more information, visit: [www.routledge.com/9780367752828](http://www.routledge.com/9780367752828)

## Writing Successful Undergraduate Dissertations in Games Development and Computer Science



**Thomas Hainey** School of Computing, Engineering and Physical Sciences, University of the West of Scotland,  
**Gavin Baxter**

Writing a dissertation in the final year at university can be a daunting task, but particularly if the degree is practically oriented and implementation-based. This book provides a concise guide to producing a dissertation in Computer Science, Software Engineering or Games Development degrees with research projects typically involving design, implementation, testing and evaluation. Drawing on the authors' knowledge and experience of supervising dissertation students, the book offers a step-by-step guide to the key areas of writing a dissertation alongside real-life examples.

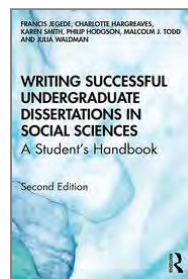
Routledge  
November 2022 : 304pp  
Pb: 978-0-367-51708-3 : **£23.99**  
Hb: 978-0-367-51707-6 : **£140**  
eBook: 978-1-003-05488-7

\* For full contents and more information, visit: [www.routledge.com/9780367517083](http://www.routledge.com/9780367517083)

2ND EDITION

## Writing Successful Undergraduate Dissertations in Social Sciences

A Student's Handbook



**Francis Jegede, Charlotte Hargreaves, Karen Smith, Philip Hodgson, Malcolm J. Todd, Julia Waldman**

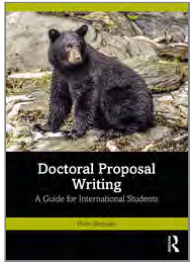
A practical guide for students undertaking their dissertation, this book uses real examples of dissertations across the Social Sciences. Providing an accessible overview of the essential steps in conducting research and writing dissertations, each chapter has clear learning outcomes and research objectives with relevant themes. Using a mixture of useful information, exercises, practical strategies, case study material and further reading, it gives hints and tips on beginning and managing a research project and working with supervisors. Packed with proven practical advice it is a dependable starting point and guide throughout the dissertation journey.

Routledge  
February 2020 : 240pp  
Pb: 978-0-367-25525-1 : **£25.99**  
Hb: 978-0-367-25523-7 : **£155**  
eBook: 978-0-429-28825-8

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## Doctoral Proposal Writing

A Guide for International Students



**Peter Samuels** Uni of Wolverhampton Busnss Schl

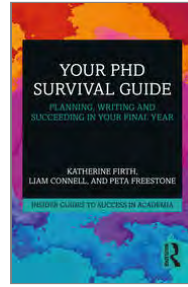
This book is an essential guide for current and prospective international doctoral students wishing to apply and study for a PhD in the UK, and other countries where courses are conducted in English. The book supports students in choosing a suitable research topic and writing an effective proposal for investigating this topic across a range of forms of doctoral research, across several disciplines, with an emphasis on international students and students with English as an additional language.

Routledge  
October 2024 : 138pp  
Pb: 978-1-032-56193-6 : **£28.99**  
Hb: 978-1-032-56192-9 : **£155**  
eBook: 978-1-003-43434-4

\* For full contents and more information, visit: [www.routledge.com/9781032561936](http://www.routledge.com/9781032561936)

## Your PhD Survival Guide

Planning, Writing, and Succeeding in Your Final Year



**Katherine Firth** University of Melbourne, Australia, **Liam Connell**, **Peta Freestone**

Series: *Insider Guides to Success in Academia*

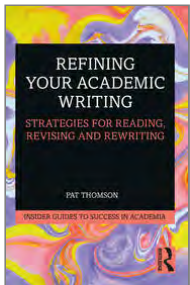
Accessible, insightful and a must-have toolkit for all doctoral students, the founders of the 'Thesis Boot Camp' intensive writing programme show how to survive and thrive through the challenging final year of writing and submitting a thesis. Drawing on an understanding of the intellectual, professional, practical and personal elements of the doctorate to help readers gain insight into what it means to finish a PhD and how to get there, this book covers common challenges and ways to resolve them. Written for students in all disciplines, and relevant to university systems around the world, this unique book expertly guides students through the final 6–12 months of the thesis.

Routledge  
December 2020 : 222pp  
Pb: 978-0-367-36184-6 : **£23.99**  
Hb: 978-0-367-36183-9 : **£155**  
eBook: 978-0-429-34439-8

\* For full contents and more information, visit: [www.routledge.com/9780367361846](http://www.routledge.com/9780367361846)

## Refining Your Academic Writing

Strategies for Reading, Revising and Rewriting



**Pat Thomson**

Series: *Insider Guides to Success in Academia*

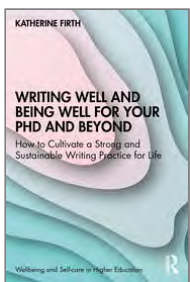
This book will help you complete your writing project and provides a reading, revising, and rewriting repertoire that you can adapt and add to. It offers ways to think about revision and a basic tool kit which will help you to identify what needs your attention and why. This accessible book draws on and extends some of the most heavily used posts on Thomson's popular academic writing blog Patter, as well as tried and tested writing workshops. Written with a light touch, this is ideal reading for doctoral and early career researchers, this book provides strategies needed to support the writing revision process.

Routledge  
December 2022 : 236pp  
Pb: 978-0-367-46876-7 : **£20.99**  
Hb: 978-0-367-46875-0 : **£140**  
eBook: 978-1-003-03168-0

\* For full contents and more information, visit: [www.routledge.com/9780367468767](http://www.routledge.com/9780367468767)

## Writing Well and Being Well for Your PhD and Beyond

How to Cultivate a Strong and Sustainable Writing Practice for Life



**Katherine Firth** University of Melbourne, Australia

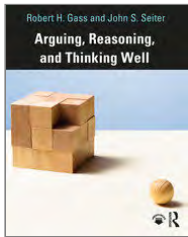
Series: *Wellbeing and Self-care in Higher Education*

Prioritising wellbeing alongside academic development, this book provides practical advice to help students write well, and be well, during their PhD and throughout their career. Relevant at any stage of the writing process, this book will help doctoral students and early career researchers to produce great words that people want to read, examiners want to pass and editors want to publish.

Routledge  
September 2023 : 200pp  
Pb: 978-1-032-31081-7 : **£23.99**  
Hb: 978-1-032-31082-4 : **£145**  
eBook: 978-1-003-30794-5

\* For full contents and more information, visit: [www.routledge.com/9781032310817](http://www.routledge.com/9781032310817)

## Arguing, Reasoning, and Thinking Well



**Robert Gass, John Seiter**

Arguing, Reasoning, and Thinking Well offers an engaging and accessible introduction to argumentation and critical thinking. Authors Gass and Seiter, renowned for their friendly writing style, include real-world examples, hypothetical dialogues, and editorial cartoons to invite readers in. The text includes a full chapter devoted to the ethics of argument, as well as content on refutation and formal logic. It is designed for students in argumentation and critical thinking courses in communication, philosophy, and psychology departments, and is suitable for students and general education courses across the curriculum.

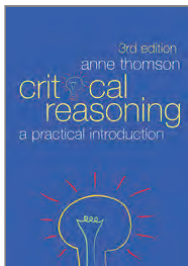
Routledge  
June 2019 : 280pp  
Pb: 978-0-815-37433-6 : **£86.99**  
Hb: 978-0-815-37432-9 : **£175**  
eBook: 978-1-351-24249-3

\* For full contents and more information, visit: [www.routledge.com/9780815374336](http://www.routledge.com/9780815374336)

3RD EDITION

## Critical Reasoning

A Practical Introduction



**Anne Thomson**

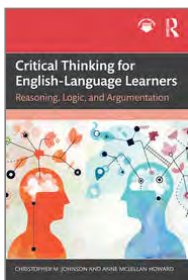
We all engage in the process of reasoning, but we don't always pay attention to whether we are doing it well. This book offers the opportunity to practise reasoning in a clear-headed and critical way, with the aims of developing an awareness of the importance of reasoning well and of improving the reader's skill in analyzing and evaluating arguments. Anne Thomson has updated and revised the book to include fresh and topical examples, and new chapters on evaluating the credibility of evidence and decision making and dilemmas. By the end of the book students should be able to identify flaws in arguments, analyze the reasoning in newspaper articles, books and speeches, assess the credibility of evidence and authorities and approach any topic with the ability to reason and think critically.

Routledge  
September 2008 : 256pp  
Pb: 978-0-415-44587-0 : **£40.99**  
Hb: 978-0-415-44586-3 : **£155**  
eBook: 978-0-203-87099-0

\* For full contents and more information, visit: [www.routledge.com/9780415445870](http://www.routledge.com/9780415445870)

## Critical Thinking for English-Language Learners

Reasoning, Logic, and Argumentation



**Christopher M. Johnson, Anne McLellan Howard**

Critical Thinking for English-Language Learners is an accessible introduction to critical thinking and the use of informal logic for learners of English. Critical thinking skills are key to helping students learn how to reason in English. By developing informal logic skills, students can develop their critical thinking abilities to better assess why different types of arguments are successful or unsuccessful. Providing students with key skills to make and critique arguments in English, this book is a key resource for beginning and intermediate learners of English studying Critical Thinking, English for Academic Purposes, and Introduction to Philosophy.

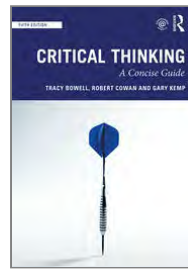
Routledge  
February 2025 : 248pp  
Pb: 978-1-032-75247-1 : **£41.99**  
Hb: 978-1-032-75248-8 : **£155**  
eBook: 978-1-003-47307-7

\* For full contents and more information, visit: [www.routledge.com/9781032752471](http://www.routledge.com/9781032752471)

5TH EDITION

## Critical Thinking

A Concise Guide



**Tracy Bowell, Robert Cowan, Gary Kemp** University of Glasgow, UK

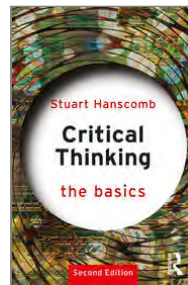
We are frequently confronted with arguments. Critical Thinking equips students with the concepts and techniques used in the analysis and assessment of arguments whatever the context. Through precise and accessible discussion, this book provides the tools to become a successful critical thinker, who can act and believe in accordance with good reasons, and who can articulate and make explicit those reasons. This fifth edition has been revised and updated throughout, including an expanded range of 'complete examples', the introduction of Venn diagrams, and the discussion of fake news and related phenomena arising in the contemporary scene.

Routledge  
August 2019 : 348pp  
Pb: 978-0-815-37143-4 : **£39.99**  
Hb: 978-0-815-37142-7 : **£155**  
eBook: 978-1-351-24373-5

\* For full contents and more information, visit: [www.routledge.com/9780815371434](http://www.routledge.com/9780815371434)

2ND EDITION

## Critical Thinking: The Basics



**Stuart Hanscomb** University of Glasgow, UK

Series: *The Basics*

An accessible and engaging introduction to the field of critical thinking, drawing on philosophy, communication and psychology. This 2nd edition has been revised and updated throughout and includes a new chapter on emotion and argument and how to build persuasive arguments. There are also many fresh examples, including conspiracy theories, trust, leadership and cultural cognition. With updated discussion questions/exercises and suggestions for further reading, this book is an essential read for students approaching the field of critical thinking for the first time, and for the general reader wanting to improving their thinking skills.

Routledge  
June 2023 : 286pp  
Pb: 978-1-032-16299-7 : **£20.99**  
Hb: 978-1-032-16301-7 : **£145**  
eBook: 978-1-003-24794-4

\* For full contents and more information, visit: [www.routledge.com/9781032162997](http://www.routledge.com/9781032162997)

2ND EDITION

## Recipes for Science

An Introduction to Scientific Methods and Reasoning



**Angela Potochnik, Matteo Colombo, Cory Wright** Tilburg University, The Netherlands, **Cory Wright**

Today, scientific literacy is an essential aspect of any undergraduate education. Recipes for Science responds to this need by providing an accessible introduction to the nature of science and scientific methods, reasoning, and concepts

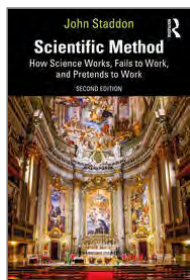
Routledge  
April 2024 : 378pp  
Pb: 978-1-032-29096-6 : **£45.99**  
Hb: 978-1-032-29097-3 : **£185**  
eBook: 978-1-003-30000-7

\* For full contents and more information, visit: [www.routledge.com/9781032290966](http://www.routledge.com/9781032290966)

2ND EDITION

## Scientific Method

How Science Works, Fails to Work, and Pretends to Work



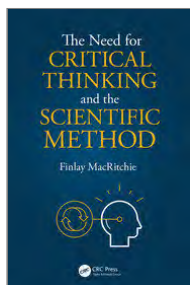
**John Staddon** Duke University, USA

This expanded second edition of *Scientific Method* shows how science works, fails to work, or pretends to work, by looking at examples from physics, biomedicine, psychology, sociology, and economics. *Scientific Method* is essential reading for students and professionals trying to make sense of the role of science in society, and of the meaning, value, and limitations of scientific methodology.

Routledge  
June 2024 : 226pp  
Pb: 978-1-032-65771-4 : **£33.99**  
Hb: 978-1-032-68389-8 : **£155**  
eBook: 978-1-032-68387-4

\* For full contents and more information, visit: [www.routledge.com/9781032657714](http://www.routledge.com/9781032657714)

## The Need for Critical Thinking and the Scientific Method



**Finlay MacRitchie** Kansas State University, Manhattan, USA

The book exposes many of the misunderstandings about the scientific method and its application to critical thinking. It argues for a better understanding of the scientific method and for nurturing critical thinking in the community. This knowledge helps the reader to analyze issues more objectively, and warns about the dangers of bias and propaganda. The principles are illustrated by considering several issues that are currently being debated. These include anthropogenic global warming (often loosely referred to as climate change), dangers to preservation of the Great Barrier Reef, and the expansion of the gluten-free food market and genetic engineering.

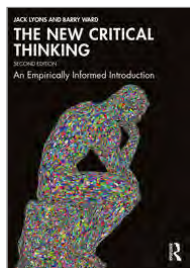
CRC Press  
May 2018 : 152pp  
Pb: 978-0-815-36775-8 : **£48.99**  
Hb: 978-0-815-36815-1 : **£160**  
eBook: 978-1-351-25587-5

\* For full contents and more information, visit: [www.routledge.com/9780815367758](http://www.routledge.com/9780815367758)

2ND EDITION

## The New Critical Thinking

An Empirically Informed Introduction



**Jack Lyons, Barry Ward**

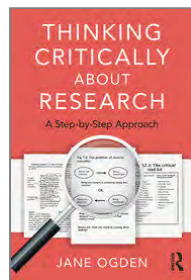
This highly innovative text aims to improve real-world critical thinking, incorporating insights from epistemology and philosophy of science to formulate best practices for assessing information sources and circumnavigate our natural intellectual blind spots. The book covers introductory logic in a way that emphasizes practical application, rather than formal completeness. This new edition provides ample resources and exercises for students and instructors alike both in-text and online.

Routledge  
May 2024 : 412pp  
Pb: 978-1-032-31728-1 : **£73.99**  
Hb: 978-1-032-31730-4 : **£155**  
eBook: 978-1-003-31102-7

\* For full contents and more information, visit: [www.routledge.com/9781032317281](http://www.routledge.com/9781032317281)

## Thinking Critically about Research

A Step by Step Approach



**Jane Ogden**

This book is designed to help readers develop a critical understanding of evidence and the ways in which evidence is presented, and to challenge the information they receive in both academic and non-academic sources. The author presents a step by step approach with a focus on knowing methods, culminating in a bespoke 'critical tool kit' which offers a practical checklist designed to be used when carrying out research. There are also learning features including tasks and worked examples, drawing on real research studies. This is an essential resource for students and researchers, and those putting research into practice, who want to have better critical thinking skills.

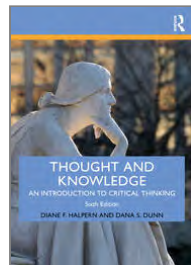
Routledge  
December 2018 : 176pp  
Pb: 978-0-367-00020-2 : **£40.99**  
Hb: 978-0-367-00019-6 : **£155**  
eBook: 978-0-429-44496-8

\* For full contents and more information, visit: [www.routledge.com/9780367000202](http://www.routledge.com/9780367000202)

6TH EDITION

## Thought and Knowledge

An Introduction to Critical Thinking



**Diane F. Halpern** Claremont McKenna College, USA,  
**Dana S. Dunn** Moravian College, USA

*Thought and Knowledge* applies theory and research from the learning sciences to teach students the critical thinking skills that they need to succeed in today's world. The text is grounded in psychological science and brought to life through humorous and engaging language and numerous practical and real-world examples and anecdotes. Critical thinking skills are presented in every chapter, empowering students to learn more efficiently, research more productively, and present logical, critical, and informed arguments. The skills are reviewed at the end of the chapter, and a complete list of skills with definitions and examples are included in the appendix.

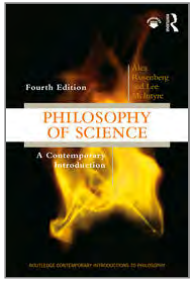
Routledge  
October 2022 : 428pp  
Pb: 978-1-138-65517-1 : **£69.99**  
Hb: 978-1-138-65516-4 : **£220**  
eBook: 978-1-032-32316-9 : **£61.99**

\* For full contents and more information, visit: [www.routledge.com/9781138655171](http://www.routledge.com/9781138655171)

4TH EDITION

## Philosophy of Science

A Contemporary Introduction

**Alex Rosenberg**, Lee McIntyre*Series: Routledge Contemporary Introductions to Philosophy*

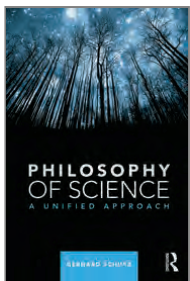
Any serious student attempting to better understand the nature, methods, and justification of science will value this book. Weaving lucid explanations with clear analyses, the volume is as a much-used, thematically-oriented introduction to the field. The new edition has been thoroughly rewritten based on instructor and student feedback, to improve readability and accessibility, without sacrificing depth. It retains all of the logically structured, extensive coverage of earlier editions, which the journal Teaching Philosophy called, "the industry standard" and "essential reading" in a 2010 review.

Routledge  
November 2019 : 308pp  
Pb: 978-1-138-33151-8 : **£49.99**  
Hb: 978-1-138-33148-8 : **£155**  
eBook: 978-0-429-44726-6

\* For full contents and more information, visit: [www.routledge.com/9781138331518](http://www.routledge.com/9781138331518)

## Philosophy of Science

A Unified Approach

**Gerhard Schurz** Dusseldorf University, Germany,  
**Gerhard Schurz**

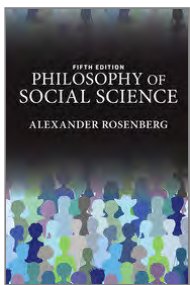
Philosophy of Science: A Unified Approach combines an elementary introduction to philosophy of science with an integrated survey of all of its important subfields. Focusing on the methodological unity of the sciences, the book provides chapters with introductory sections, followed by complementary, advanced topics. By restricting the teaching materials to the introductory sections, one obtains the basis for a semester-long course. Covering all of the material contained in the book fills a year-long course.

Routledge  
November 2013 : 480pp  
Pb: 978-0-415-82936-6 : **£52.99**  
Hb: 978-0-415-82934-2 : **£155**  
eBook: 978-0-203-36627-1

\* For full contents and more information, visit: [www.routledge.com/9780415829366](http://www.routledge.com/9780415829366)

5TH EDITION

## Philosophy of Social Science

**Alexander Rosenberg**

Philosophy of Social Science provides a tightly argued yet accessible introduction to the philosophical foundations of the human sciences, including economics, anthropology, sociology, political science, psychology, history, and the disciplines emerging at the intersections of these subjects with biology. Philosophy is unavoidable for social scientists because the choices they make in answering questions in their disciplines force them to take sides on philosophical matters. Conversely, the philosophy of social science is equally necessary for philosophers since the social and behavior sciences must inform their understanding of human action, norms, and social institutions.

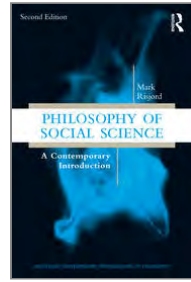
Routledge  
July 2015 : 360pp  
Pb: 978-0-813-34973-2 : **£49.99**  
Hb: 978-0-367-09807-0 : **£155**  
eBook: 978-0-429-49484-0

\* For full contents and more information, visit: [www.routledge.com/9780813349732](http://www.routledge.com/9780813349732)

2ND EDITION

## Philosophy of Social Science

A Contemporary Introduction

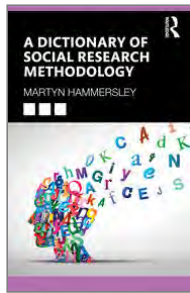
**Mark Risjord** Emory University, USA*Series: Routledge Contemporary Introductions to Philosophy*

This accessible text offers a comprehensive overview of debates in the field, with special attention to new research programs. Topics include the relationship of social policy to social science, interpretive research, cognitive and evolutionary explanations, intentional action explanation, rational choice theory, conventions and social norms, joint intentionality, causal inference, and experimentation. The Second Edition provides updates with the most recent literature and adds two new chapters: one on modeling and one on the role of race and gender in the social sciences.

Routledge  
July 2022 : 336pp  
Pb: 978-1-032-07586-0 : **£45.99**  
Hb: 978-1-032-07587-7 : **£200**  
eBook: 978-1-003-20779-5

\* For full contents and more information, visit: [www.routledge.com/9781032075860](http://www.routledge.com/9781032075860)

## A Dictionary of Social Research Methodology



**Martyn Hammersley** The Open University, UK

This accessible book offers a detailed guide to a wide range of methodological concepts, both those of a more philosophical kind and those that are more technical in character: from constructionism to critical realism, regression analysis to grounded theory, odds ratios to triangulation. Providing clear definitions for a wide range of methodological concepts from across the social sciences, this is an essential resource for all who have an interest in social research methodology.

Routledge  
September 2024 : 180pp  
Pb: 978-1-032-82213-6 : **£39.99**  
Hb: 978-1-032-82215-0 : **£155**  
eBook: 978-1-003-50350-7  
\* For full contents and more information, visit: [www.routledge.com/9781032822136](http://www.routledge.com/9781032822136)

## Are You Making a Meal Out of Research?

A Recipe for Research Success



**Steve Reay, Cassie Khoo, Gareth Terry, Guy Collier, Trent Dallas, Valance Smith**

Research methods in a comic! This visual guide to common research methods paradigms will get you started on thinking about your research journey - what research is and understanding different types of methods, how you choose them, and how you get started. The book includes several worksheets to start making your own research menu and further reading to learn more. Suitable for upper level undergraduate and first level postgraduate students in the social and behavioural sciences, healthcare, and those interested in indigenous and Māori research methods.

Routledge  
May 2023 : 72pp  
Pb: 978-1-032-39232-5 : **£16.99**  
Hb: 978-1-032-39230-1 : **£145**  
eBook: 978-1-003-34892-4  
\* For full contents and more information, visit: [www.routledge.com/9781032392325](http://www.routledge.com/9781032392325)

## A-Z of Digital Research Methods



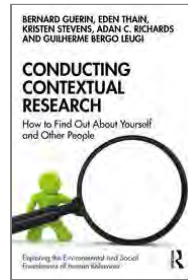
**Catherine Dawson**

This book provides a quick and easy, alphabetical reference guide for any student or researcher looking for an introduction to digital research methods. It provides a pathway through the often confusing digital research landscape, giving a concise introduction to each method.

Routledge  
July 2019 : 424pp  
Pb: 978-1-138-48680-5 : **£29.99**  
Hb: 978-1-138-48679-9 : **£140**  
eBook: 978-1-351-04467-7  
\* For full contents and more information, visit: [www.routledge.com/9781138486805](http://www.routledge.com/9781138486805)

## Conducting Contextual Research

How to Find Out About Yourself and Other People



**Bernard Guerin** University of South Australia, Australia,  
**Eden Thain, Kristen Stevens, Adan C. Richards, Guilherme Bergo Leugi**

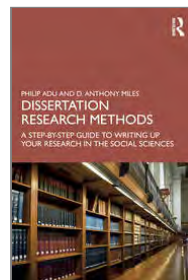
*Series: Exploring the Environmental and Social Foundations of Human Behaviour*

This innovative book proposes an entirely new approach to social research, presenting practical ways to discover people's life contexts in order to understand why they do what they do, which is essential for any forms of research that need to understand people. Conducting Contextual Research is essential reading for postgraduate students and professionals in the fields of counselling, psychology and social work, and will be useful to anyone conducting research or inquiries to understand human behaviour, including academic researchers, detectives, intelligence operators, social workers, government service researchers, social policy analysts, and biographers.

Routledge  
June 2024 : 190pp  
Pb: 978-1-032-60818-1 : **£46.99**  
Hb: 978-1-032-60825-9 : **£145**  
eBook: 978-1-003-46063-3  
\* For full contents and more information, visit: [www.routledge.com/9781032608181](http://www.routledge.com/9781032608181)

## Dissertation Research Methods

A Step-by-Step Guide to Writing Up Your Research in the Social Sciences



**Philip Adu** The National Centre for Academic and Dissertation Excellence, The Chicago School of Professional Psychology, USA, **D. Anthony Miles**

Dissertation Research Methods: A Step-by-Step Guide to Writing Up Your Research in the Social Sciences focuses specifically on methodology when planning, writing and submitting your dissertation thesis. Written by two methodology experts in the social sciences, the book provides a step-by-step guide through each stage of the dissertation process. This compact book will be of use to all graduate students and their supervisors in the Social Sciences, Education and Behavioural Sciences, looking for a guide for working with robust and defensible methodological principles in their dissertation research and theses.

Routledge  
September 2023 : 470pp  
Pb: 978-1-032-21385-9 : **£45.99**  
Hb: 978-1-032-21383-5 : **£155**  
eBook: 978-1-003-26815-4  
\* For full contents and more information, visit: [www.routledge.com/9781032213859](http://www.routledge.com/9781032213859)

## Doing Academic Research

A Practical Guide to Research Methods and Analysis



**Ted Gournelos**

Doing Academic Research is a concise, accessible, and tightly organized overview of the research process in the humanities, social sciences, and business. Rather than a book about research, this is a practical guide to doing research, and guides budding researchers along the process of developing an effective workflow, where to go for help, and how to actually complete the project. It addresses diversity in abilities, interest, discipline, and ways of knowing by focusing not just on the process of conducting any one method in detail, but also the ways in which someone might choose a research method and conduct it successfully.

Routledge  
May 2019 : 208pp  
Pb: 978-0-367-20793-9 : **£19.99**  
Hb: 978-0-367-20791-5 : **£140**  
eBook: 978-0-429-26355-2  
\* For full contents and more information, visit: [www.routledge.com/9780367207939](http://www.routledge.com/9780367207939)

## Literature Review and Research Design

A Guide to Effective Research Practice



**Dave Harris**

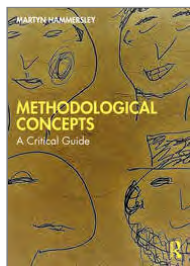
Graduate students executing their first independent research project often struggle to use academic literature effectively in the process of designing, developing, executing, and presenting their work. This book gives an overview of how to develop an effective research practice supported by the academic literature. Particularly suitable for those pursuing professional doctorates in subjects such as education and psychology.

Routledge  
December 2019 : 176pp  
Pb: 978-0-367-25037-9 : **£29.99**  
Hb: 978-0-367-25036-2 : **£140**  
eBook: 978-0-429-28566-0

\* For full contents and more information, visit: [www.routledge.com/9780367250379](http://www.routledge.com/9780367250379)

## Methodological Concepts

A Critical Guide



**Martyn Hammersley** The Open University, UK

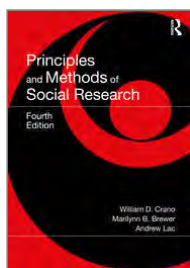
Methodological Concepts: A Critical Guide clarifies many key terms and issues in social research methodology. It outlines the conventional meanings of these terms, but also addresses their contentious character. The aim is to offer interpretations of them that provide a coherent conception of the nature of social science.

Routledge  
February 2023 : 186pp  
Pb: 978-1-032-39574-6 : **£36.99**  
Hb: 978-1-032-39573-9 : **£140**  
eBook: 978-1-003-35035-4

\* For full contents and more information, visit: [www.routledge.com/9781032395746](http://www.routledge.com/9781032395746)

4TH EDITION

## Principles and Methods of Social Research



**William D. Crano** Claremont Graduate University, USA, **Marilyn B. Brewer** Ohio State University, USA, **Andrew Lac** Claremont Graduate University, USA

Through a multi-methodology approach, Principles and Methods of Social Research, Fourth Edition covers the latest research techniques and designs and guides readers toward the design and conduct of social research from the ground up. Applauded for its comprehensive coverage, the breadth and depth of content of this new edition is unparalleled. It is intended for graduate or advanced undergraduate courses in research methods in psychology, communication, sociology, education, public health, and marketing, and further appeals to researchers in various fields of social research, such as social psychology and communication.

Routledge  
July 2023 : 486pp  
Pb: 978-1-032-22240-0 : **£94.99**  
Hb: 978-1-032-22241-7 : **£155**  
eBook: 978-1-003-27173-4

\* For full contents and more information, visit: [www.routledge.com/9781032222400](http://www.routledge.com/9781032222400)

5TH EDITION

## Principles of Research in Behavioral Science



**Mary E. Kite**, **Bernard E. Whitley, Jr** Ball State University, USA

Now in its fifth edition, this invaluable textbook provides a comprehensive overview of research methods in the behavioral sciences, emphasizing the conceptual challenges inherent in scientific inquiry. Organized to mirror each stage of the research process, this text guides readers through the process, from formulating questions, to collecting data, to interpreting results. Ideal for advanced undergraduate, graduate, and post-graduate students seeking a strong foundation in research methods, it also serves as a valuable reference for seasoned researchers looking to refresh their knowledge.

Routledge  
July 2025 : 806pp  
Hb: 978-1-032-72058-6 : **£130**  
IEPB: 978-1-032-72059-3 : **£45.99**  
eBook: 978-1-032-72060-9

\* For full contents and more information, visit: [www.routledge.com/9781032720586](http://www.routledge.com/9781032720586)

2ND EDITION

## Research Design, Second Edition

Quantitative, Qualitative, Mixed Methods, Arts-Based, and Community-Based Participatory Research Approaches



**Patricia Leavy**

With a new chapter on the literature review, this accessible step-by-step guide to using the five major approaches to research design is now in a thoroughly revised second edition. The prior edition's user-friendly features are augmented by a new companion website with worksheets keyed to each chapter. For each approach, the text presents a template for a research proposal and explains how to conceptualize and fill in every section. Interdisciplinary research examples draw on current events and social justice issues. PowerPoints and chapter tests with answer keys are available to instructors using the book in a course.

Guilford Press  
January 2023 : 323pp  
Pb: 978-1-462-54897-2 : **£45.99**  
Hb: 978-1-462-55088-3 : **£69.99**

\* For full contents and more information, visit: [www.routledge.com/9781462548972](http://www.routledge.com/9781462548972)

2ND EDITION

## Research Methods

The Key Concepts



**Michael Hammond** University of Warwick, UK, **Jerry Wellington**

Series: *Routledge Key Guides*

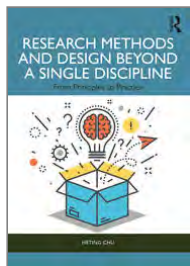
This invaluable resource provides a comprehensive overview of the many methods and methodologies of social research. Each entry provides a critical definition and examines the value and difficulties of a particular method or methodology of concept across different fields of social research. With thematic further reading stretching across the social sciences, this second edition will help readers develop a firm understanding of the rationale and principles behind key research methods, and is a must-have for new researchers at all levels, from undergraduate to postgraduate and beyond.

Routledge  
September 2020 : 232pp  
Pb: 978-0-367-17874-1 : **£23.99**  
Hb: 978-0-367-17873-4 : **£115**  
eBook: 978-0-429-05816-5

\* For full contents and more information, visit: [www.routledge.com/9780367178741](http://www.routledge.com/9780367178741)

## Research Methods and Design Beyond a Single Discipline

From Principles to Practice



**Heting Chu**

This book presents and discusses 15 research methods after an overview of each, an illustration of the research process and an examination of related topics. The focus of this book is on data collection techniques and research design. This book is essential for masters and doctoral students, and researchers who wish to learn about research methods and design comprehensively and systematically, as well as instructors delivering research methods courses across the social and behavioral sciences.

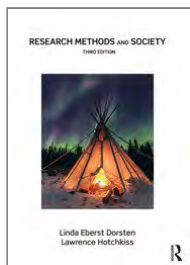
Routledge  
April 2024 : 360pp  
Pb: 978-0-367-89885-4 : **£61.99**  
Hb: 978-0-367-89883-0 : **£155**  
eBook: 978-1-003-02171-1

\* For full contents and more information, visit: [www.routledge.com/9780367898854](http://www.routledge.com/9780367898854)

3RD EDITION

## Research Methods and Society

Foundations of Social Inquiry



**Linda Eberst Dorsten , Lawrence Hotchkiss**

Research Methods and Society, Third Edition is designed to help undergraduate students acquire basic skills in methods of social science research. These skills provide a foundation for understanding research findings in the social sciences and for conducting social research. Just as important, such skills sets and principles can be applied to everyday situations to make sense of endless stream of claims and counterclaims confronted daily in print and electronic forms, including social media.

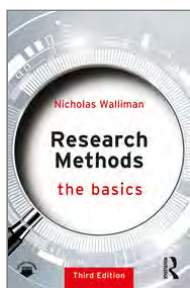
Routledge  
December 2018 : 410pp  
Pb: 978-0-815-36615-7 : **£96.99**  
Hb: 978-0-815-36616-4 : **£245**  
eBook: 978-1-351-25981-1

\* For full contents and more information, visit: [www.routledge.com/9780815366157](http://www.routledge.com/9780815366157)

3RD EDITION

## Research Methods

The Basics



**Nicholas Walliman** Oxford Brookes University, UK

Series: *The Basics*

Research Methods: The Basics is an accessible, user-friendly introduction to the different aspects of research theory, methods and practice. This third edition provides an expanded and fully updated resource suitable for students and practitioners in a wide range of disciplines including the natural sciences, social sciences and humanities. It is structured in two parts - the first covers the nature of knowledge and the reasons for doing research, the second explains the specific methods used to conduct an effective research project and how to propose, plan, carry out and write up a research project.

Routledge  
December 2021 : 280pp  
Pb: 978-0-367-69408-1 : **£20.99**  
Hb: 978-0-367-69407-4 : **£150**  
eBook: 978-1-003-14169-3

\* For full contents and more information, visit: [www.routledge.com/9780367694081](http://www.routledge.com/9780367694081)

2ND EDITION

## Social Research Methods by Example

Applications in the Modern World



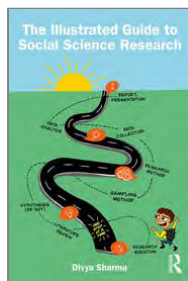
**Yasemin Besen-Cassino , Dan Cassino** Fairleigh Dickson University

This book sharpens students' understanding of the research process and the essential methods that researchers use to perform their work on the cutting edge of the social sciences. The new edition features updated examples across the chapters, reflecting new directions within the social sciences and both a diversity of voices and research output in recent years. The authors also expand their chapter overviews in key areas and weave discussion of validity and ethics carefully into the fabric of each chapter's focus. Written not only to introduce students to the basic principles of social science research, this book provides readers with a toolkit to carry out the process on their own.

Routledge  
May 2023 : 342pp  
Pb: 978-1-032-20920-3 : **£40.99**  
Hb: 978-1-032-21005-6 : **£145**  
eBook: 978-1-003-26632-7

\* For full contents and more information, visit: [www.routledge.com/9781032209203](http://www.routledge.com/9781032209203)

## The Illustrated Guide to Social Science Research



**Divya Sharma**

This accessible and engaging textbook helps students to get to grips with key concepts, issues, and practices in social science research through the use of fun and informative illustrations and examples.

Routledge  
July 2024 : 248pp  
Pb: 978-1-032-32377-0 : **£39.99**  
Hb: 978-1-032-32379-4 : **£155**  
eBook: 978-1-003-31473-8

\* For full contents and more information, visit: [www.routledge.com/9781032323770](http://www.routledge.com/9781032323770)

2ND EDITION

## The Research Companion

A practical guide for those in the social sciences, health and development



**Petra M. Boynton** University College London, UK

Books on social and behavioral research too often focus on theory and methods and overlook the practical skills needed to undertake a research project. The Research Companion brings hard-earned lessons from the real world to offer clear and honest advice to all students and practitioners within the social and health sciences. The structure of the book makes it useful for researchers at all levels of experience: the numerous examples and case histories make it ideal for students just beginning their first research project, while the breadth of coverage and wealth of practical tips will also help more experienced researchers.

Routledge  
September 2016 : 300pp  
Pb: 978-1-138-91761-3 : **£52.99**  
Hb: 978-1-138-91760-6 : **£155**  
eBook: 978-1-315-68890-9

\* For full contents and more information, visit: [www.routledge.com/9781138917613](http://www.routledge.com/9781138917613)

2ND EDITION

## The Researcher's Toolkit

The Complete Guide to Practitioner Research



**David Wilkinson** Research Fellow within the Work-Based Learning Unit at the University of Leeds, **Dennis Dokter**

Designed for those undertaking research for the first time, the second edition of *The Researcher's Toolkit* is a practical and accessible guide for all those partaking in small-scale research. Jargon-free and assuming no prior knowledge, it covers the entire research process, from defining a research topic or question through to its completion. This book is a must-read guide for students and budding researchers as well as educators seeking to explain academic research and writing to their pupils. It will benefit anyone looking to complete a research project whether inside academia or beyond.

Routledge  
May 2023 : 178pp  
Pb: 978-1-032-01810-2 : **£28.99**  
Hb: 978-1-032-01809-6 : **£145**  
eBook: 978-1-003-18015-9

\* For full contents and more information, visit: [www.routledge.com/9781032018102](http://www.routledge.com/9781032018102)

11TH EDITION

## Understanding Research Methods

An Overview of the Essentials



**Michelle Newhart**, **Mildred L. Patten**

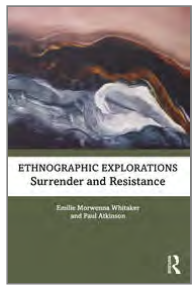
A perennial bestseller since 1997, this updated eleventh edition of *Understanding Research Methods* provides a detailed overview of all the important concepts traditionally covered in a research methods class. It covers the principles of both qualitative and quantitative research, and how to interpret statistics without computations, so is suitable for all students regardless of their math background. The book is organized so that each concept is treated independently and can be used in any order without resulting in gaps in knowledge—allowing it to be easily and precisely adapted to any course.

Routledge  
June 2023 : 528pp  
Pb: 978-0-367-55118-6 : **£96.99**  
Hb: 978-0-367-55117-9 : **£255**  
eBook: 978-1-003-09204-9

\* For full contents and more information, visit: [www.routledge.com/9780367551186](http://www.routledge.com/9780367551186)

## Ethnographic Explorations

Surrender and Resistance



**Emilie Morwenna Whitaker** Salford University, UK, **Paul Atkinson**

In *Ethnographic Explorations: Surrender and Resistance*, Whitaker and Atkinson, two experienced ethnographers, explore the complexities of fieldwork, analysis and writing from new perspectives. It takes the opportunity to reflect on Ethnography not just as a methodological perspective, but at a fundamental level. The book is intended for researchers at postgraduate and postdoctoral levels and at experienced researchers who want to read a different, sometimes challenging, take on ethnographic research and its outcomes.

Routledge  
March 2023 : 184pp  
Pb: 978-0-367-17441-5 : **£38.99**  
Hb: 978-0-367-17440-8 : **£140**  
eBook: 978-0-429-05680-2

\* For full contents and more information, visit: [www.routledge.com/9780367174415](http://www.routledge.com/9780367174415)

## Ethnographic Research in the Social Sciences



*Edited by* **Madhulika Sahoo**, **S. Jeyavelu**, **Anjali Kurane**

This book is an essential guide to scientifically conducting contemporary ethnographic research at undergraduate, postgraduate and doctoral levels in the social sciences, the humanities, and business studies. It addresses the methodological challenges of ethnographic research across the social sciences and highlights present time research areas, including digital ethnography, artificial intelligence, classroom pedagogy, hybrid organization and many more. A step-by-step, student friendly text, this book will be essential supplementary reading across the social sciences and the humanities, especially for those conducting fieldwork in the Global South.

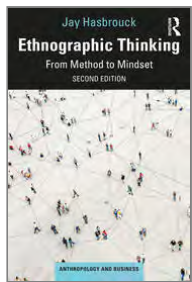
Routledge India  
June 2023 : 282pp  
Pb: 978-1-032-49233-9 : **£40.99**  
Hb: 978-1-032-48008-4 : **£155**  
eBook: 978-1-003-39277-4

\* For full contents and more information, visit: [www.routledge.com/9781032492339](http://www.routledge.com/9781032492339)

2ND EDITION

## Ethnographic Thinking

From Method to Mindset



**Jay Hasbrouck**

*Series: Anthropology and Business*

This second edition of *Ethnographic Thinking: From Method to Mindset* serves as a primer for practitioners who want to apply ethnography to real-world challenges and commercial ventures. This new edition now includes a section in each chapter focusing on practical advice to help readers activate key insights in their work. This work is essential reading for managers and strategists who want to tap into the full potential that an ethnographic perspective offers. It will also be of value to students and practitioners of applied ethnography, as well as professionals who would like to optimize the value of ethnographic thinking in their organizations.

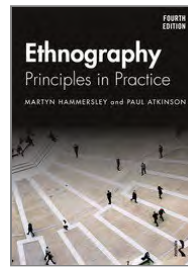
Routledge  
April 2024 : 156pp  
Pb: 978-1-032-46309-4 : **£40.99**  
Hb: 978-1-032-46308-7 : **£155**  
eBook: 978-1-003-38107-5

\* For full contents and more information, visit: [www.routledge.com/9781032463094](http://www.routledge.com/9781032463094)

4TH EDITION

## Ethnography

Principles in Practice



**Martyn Hammersley** The Open University, UK, **Paul Atkinson** Cardiff University, UK

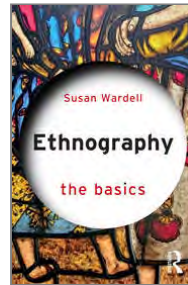
This edition has been expertly updated to reflect the important developments in digital and mobile technologies and social media. The ease with which recordings, audio or video, as well as photographs, can be produced via the use of mobile devices has opened up new tools and foci for ethnographers.

Routledge  
April 2019 : 292pp  
Pb: 978-1-138-50446-2 : **£45.99**  
Hb: 978-1-138-50445-5 : **£170**  
eBook: 978-1-315-14602-7

\* For full contents and more information, visit: [www.routledge.com/9781138504462](http://www.routledge.com/9781138504462)

## Ethnography

The Basics



**Susan Wardell**

*Series: The Basics*

*Ethnography: The Basics* introduces a broad and beginner audience to ethnography, as a research methodology with diverse applications. By using everyday language, and developing a warm and inclusive tone, the book provides an accessible entry point to the topic.

Routledge  
May 2025 : 278pp  
Pb: 978-1-032-52012-4 : **£19.99**  
Hb: 978-1-032-51311-9 : **£155**  
eBook: 978-1-003-40488-0

\* For full contents and more information, visit: [www.routledge.com/9781032520124](http://www.routledge.com/9781032520124)

2ND EDITION

## Engaging in Narrative Inquiry



**D. Jean Clandinin**

In *Engaging in Narrative Inquiry, Second Edition*, D. Jean Clandinin, a pioneer in narrative research, updates her classic formulation on narrative inquiry, clarifying, extending, and refining methods. The increasing interest in narrative inquiry as research methodology across disciplines makes this an essential guide and an excellent text for graduate courses in qualitative inquiry, education and nursing research, sociology, and all courses in autobiographical and narrative research and inquiry.

Routledge  
September 2022 : 176pp  
Pb: 978-1-032-14610-2 : **£45.99**  
Hb: 978-1-032-14609-6 : **£155**  
eBook: 978-1-003-24014-3

\* For full contents and more information, visit: [www.routledge.com/9781032146102](http://www.routledge.com/9781032146102)

2ND EDITION

## Essentials of Qualitative Inquiry



**Maria J. Mayan**

*Series: Qualitative Essentials*

*Essentials of Qualitative Inquiry, Second Edition* is the key resource for introducing applied researchers into the qualitative tradition due to its clear exposition, step-by-step approach, and emphasis on methodological coherence. Concise and inexpensive, this edition includes new material on methods, sampling, and analysis and introduces current trends in community-based research and arts-based research, among other updates.

Routledge  
May 2023 : 328pp  
Pb: 978-1-629-58327-3 : **£31.99**  
Hb: 978-1-629-58326-6 : **£135**  
eBook: 978-1-003-38575-2

\* For full contents and more information, visit: [www.routledge.com/9781629583273](http://www.routledge.com/9781629583273)

2ND EDITION

## Qualitative Research

The Essential Guide to Theory and Practice



**Maggi Savin-Baden** Prof of Higher Education Research at Coventry University, UK, **Claire Howell Major** Prof of Higher Education at the University of Alabama, USA

The second edition of *Qualitative Research* is a one-stop resource for all those approaching qualitative research for the first time as well as those revisiting core concepts and issues. It presents a comprehensive overview of this rapidly developing field of inquiry, cleverly combined with practical, hands-on advice on how to conduct a successful qualitative study. This book is enhanced with the addition of online Instructor and Student Resources including videos, diagrams, an instructor manual, PowerPoint slides and links to further resources. This new edition is an indispensable companion and makes for ideal reading for all those involved in qualitative research worldwide.

Routledge  
October 2025 : 664pp  
Pb: 978-1-032-77458-9 : **£45.99**  
Hb: 978-1-032-77460-2 : **£155**  
eBook: 978-1-003-48319-9

\* For full contents and more information, visit: [www.routledge.com/9781032774589](http://www.routledge.com/9781032774589)

## Qualitative Research Using Social Media



**Gwen Bouvier, Joel Rasmussen**

This book shows how to conduct qualitative research projects using social media data. It takes the reader through the stages of choosing data, formulating a research question, and choosing and applying method(s).

Routledge  
March 2022 : 214pp  
Pb: 978-0-367-33347-8 : **£45.99**  
Hb: 978-0-367-33350-8 : **£155**  
eBook: 978-0-429-31933-4

\* For full contents and more information, visit: [www.routledge.com/9780367333478](http://www.routledge.com/9780367333478)

2ND EDITION

## Thinking with Theory in Qualitative Research



**Alecia Y. Jackson** Appalachian State University, USA,  
**Lisa A. Mazzei** University of Oregon, USA

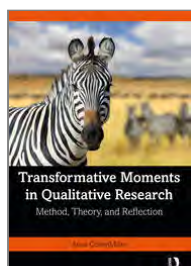
*Thinking with Theory in Qualitative Research, Second Edition* demonstrates how to enact various philosophical concepts in practices of inquiry, effectively opening up the process of thought in qualitative studies. In the ten years since the first edition was published, *Thinking with Theory* has become a vanguard text in the field of postfoundational inquiry for its accessible but thorough introductions to philosophically informed inquiry. This book is for experienced and novice researchers, and students in introductory, general, and advanced qualitative inquiry courses, who may also be first-time readers of philosophy.

Routledge  
July 2022 : 170pp  
Pb: 978-1-138-95214-0 : **£45.99**  
Hb: 978-1-138-95213-3 : **£155**  
eBook: 978-1-315-66776-8

\* For full contents and more information, visit: [www.routledge.com/9781138952140](http://www.routledge.com/9781138952140)

## Transformative Moments in Qualitative Research

Method, Theory, and Reflection



**Anna Cohen-Miller**

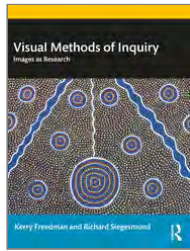
This groundbreaking book, eloquently fuses powerful stories of research with methodological insight and theory. Each chapter offers a clear, practical, and engaging exploration of qualitative inquiry, emphasizing the power of research to foster equity, inclusion, and justice-centered practice (e.g., social justice, economic justice, environmental/ecological justice). This book is an invaluable resource for graduate students, practitioners, and researchers to enhance their research and praxis. It will appeal to audiences across disciplinary backgrounds including social sciences, educational sciences, humanities, and STEM and health fields.

Routledge  
December 2023 : 314pp  
Pb: 978-1-032-38170-1 : **£41.99**  
Hb: 978-1-032-38168-8 : **£145**  
eBook: 978-1-003-34381-3

\* For full contents and more information, visit: [www.routledge.com/9781032381701](http://www.routledge.com/9781032381701)

## Visual Methods of Inquiry

Images as Research



**Kerry Freedman , Richard Siegesmund**

Visual Methods of Inquiry: Images as Research presents qualitative researchers in the social sciences with the benefits, applications, and forms of visual research methods. It includes a wide variety of images to illustrate the many uses of visual methods for social research. Students of social science and the visual arts will find this book useful in expanding and improving their methods of inquiry. Artists and researchers already familiar with visual methods will find that this book clarifies the ways the visual works in various research contexts and provides helpful language to describe and explain those methods.

Routledge

October 2023 : 238pp

Pb: 978-0-367-25048-5 : **£37.99**

Hb: 978-0-367-25049-2 : **£145**

eBook: 978-0-429-28572-1

\* For **full contents** and more information, visit: [www.routledge.com/9780367250485](http://www.routledge.com/9780367250485)

2ND EDITION

## Design Methods and Practices for Research of Project Management



Edited by **Beverly Pasion , Rodney Turner**

Design Methods and Practices for Research of Project Management is the most comprehensive guide on how to do research of and in project management. This second edition of the authoritative reference book offers a substantial update on the first edition with over 60% new content and so provides both practitioner and student researchers with a fully up-to-date and complete guide to research practice on project management.

Routledge  
May 2024 : 368pp  
Pb: 978-1-032-12387-5 : **£38.99**  
Hb: 978-1-032-74496-4 : **£145**  
eBook: 978-1-003-46951-3

\* For full contents and more information, visit: [www.routledge.com/9781032123875](http://www.routledge.com/9781032123875)

2ND EDITION

## Management Research

Applying the Principles of Business Research Methods



**Susan Rose , Nigel Spinks , Ana Isabel Canhoto**

Management Research supports new researchers on every step of the research journey, from defining a project to communicating its findings, as well as balancing the technical aspects of research with the management of the project itself. Management Research provides essential reading for undergraduate and postgraduate students undertaking a dissertation, thesis or research project, as well as professionals currently practicing in the field.

Routledge  
December 2023 : 482pp  
Pb: 978-1-032-46295-0 : **£57.99**  
Hb: 978-1-032-46296-7 : **£190**  
eBook: 978-1-003-38100-6

\* For full contents and more information, visit: [www.routledge.com/9781032462950](http://www.routledge.com/9781032462950)

3RD EDITION

## Planning Research in Hospitality and Tourism



**Levent Altınay Oxford Brookes University, UK, Alexandros Paraskevas , Faizan Ali**

Planning Research in Hospitality and Tourism, 3rd Edition is an accessible, concise and practical guide to planning, conducting and analysing research in tourism and hospitality. Enriched with insightful case studies throughout, this volume is essential reading for all tourism and hospitality researchers.

Routledge  
June 2024 : 372pp  
Pb: 978-1-032-52258-6 : **£51.99**  
Hb: 978-1-032-52257-9 : **£155**  
eBook: 978-1-003-40579-5

\* For full contents and more information, visit: [www.routledge.com/9781032522586](http://www.routledge.com/9781032522586)

## Research Methodologies for Business Management



**Vanessa Ratten** La Trobe University, Australia

Most existing research methodologies texts take a more general approach or are edited books of previously published articles or chapters written by different authors. This book, written by a business management scholar, covers the fundamentals of business management research and its methodologies in a seamless, unified manner. It builds upon the knowledge by examining both qualitative and quantitative research methodologies in the context of business management. It will help business management students and junior researchers quickly build an essential base of knowledge and gain a strategic advantage in publishing and reviewing business related research.

Routledge  
February 2023 : 158pp  
Pb: 978-1-032-32337-4 : **£46.99**  
Hb: 978-1-032-32338-1 : **£140**  
eBook: 978-1-003-31451-6

\* For full contents and more information, visit: [www.routledge.com/9781032323374](http://www.routledge.com/9781032323374)

2ND EDITION

## Research Methods for Environmental Studies

A Social Science Approach



**Mark Kanazawa** Carleton College, USA

The methodological needs of environmental studies are unique in the breadth of research questions that can be posed, calling for a textbook that covers a broad swath of approaches to conducting research with potentially many different kinds of evidence. Drawing on a variety of extended and updated examples to encourage problem-based learning and fully addressing the challenges associated with interdisciplinary investigation, this book will be an essential resource for students embarking on courses exploring research methods in environmental studies.

Routledge  
July 2023 : 498pp  
Pb: 978-1-032-19840-8 : **£40.99**  
Hb: 978-1-032-19841-5 : **£155**  
eBook: 978-1-003-26111-7

\* For full contents and more information, visit: [www.routledge.com/9781032198408](http://www.routledge.com/9781032198408)

## Researching and Analysing Business

Research Methods in Practice



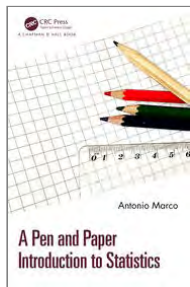
Edited by **Pantea Foroudi , Charles Dennis** Middlesex Business School, UK

Researching and Analysing Business provides an accessible and practical guide to various data collection and data analysis techniques within management. Unique in its practical approach, this book is required and recommended reading for advanced undergraduate and postgraduate students studying research methods.

Routledge  
December 2023 : 456pp  
Pb: 978-0-367-62065-3 : **£44.99**  
Hb: 978-0-367-62064-6 : **£160**  
eBook: 978-1-003-10777-4

\* For full contents and more information, visit: [www.routledge.com/9780367620653](http://www.routledge.com/9780367620653)

## A Pen and Paper Introduction to Statistics



**Antonio Marco** University of Essex, U.K.

This book proposes to reverse the way statistics is taught, by starting with the introduction of linear models. The reader will have the opportunity to work through the examples and compute sums of squares by just drawing and counting, and finally evaluating whether observed differences are statistically significant by using the tables provided. Intended for students, professional life scientists, and those with little prior knowledge of statistics, this book is for all with simple and clear examples, computations and drawings helping the reader to, not only do, but also to understand statistics.

Chapman & Hall  
December 2023 : 160pp  
Pb: 978-1-032-50510-7 : **£35.99**  
Hb: 978-1-032-50511-4 : **£105**  
eBook: 978-1-003-39882-0

\* For full contents and more information, visit: [www.routledge.com/9781032505107](http://www.routledge.com/9781032505107)

4TH EDITION

## An Introduction to Statistical Concepts



**Debbie L. Hahs-Vaughn** University of Central Florida, USA, **Richard Lomax** The Ohio State University, USA

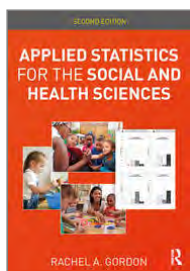
This comprehensive, flexible text is used in both one- and two-semester courses to review introductory through intermediate statistics. Instructors select the topics that are most appropriate for their course. Its conceptual approach helps students more easily understand the concepts and interpret SPSS and research results. Noted for its crystal clear explanations, key concepts are simply stated and occasionally reintroduced and related to one another for reinforcement. Numerous examples demonstrate their relevance. This edition features even more explanation to increase understanding of the concepts and has annotated script for using R.

Routledge  
February 2020 : 1186pp  
Hb: 978-1-138-65055-8 : **£130**  
eBook: 978-1-315-62435-8

\* For full contents and more information, visit: [www.routledge.com/9781138650558](http://www.routledge.com/9781138650558)

2ND EDITION

## Applied Statistics for the Social and Health Sciences



**Rachel A. Gordon** Northern Illinois University, USA

Covering basic univariate and bivariate statistics and regression models for nominal, ordinal, and interval outcomes, this textbook provides graduate students in the social and health sciences with fundamental skills to estimate, interpret, and publish quantitative research using contemporary standards. Reflecting the growing importance of 'Big Data', this thoroughly revised and streamlined new edition, outlines changes in best practice in use of statistics in social and health sciences, draws upon new literatures and empirical examples, and highlights the importance of statistical programming, including coding, reproducibility, transparency, and open science.

Routledge  
July 2023 : 800pp  
Pb: 978-1-032-32344-2 : **£46.99**  
Hb: 978-1-032-32343-5 : **£155**  
eBook: 978-1-003-31453-0

\* For full contents and more information, visit: [www.routledge.com/9781032323442](http://www.routledge.com/9781032323442)

9TH EDITION

## Interpreting Basic Statistics

A Workbook Based on Excerpts from Journal Articles



**Zealure C. Holcomb**, **Keith S. Cox** University of North Carolina, USA

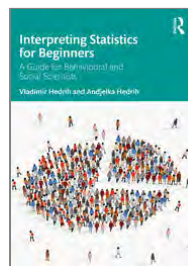
Interpreting Basic Statistics gives students valuable practice in interpreting statistical reporting as it actually appears in peer-reviewed journals. The questions in each exercise are divided into two parts: (1) Factual Questions and (2) Questions for Discussion. The factual questions require careful reading for details, while the discussion questions show that interpreting statistics is more than a mathematical exercise. Each exercise covers a limited number of topics, making it easy to coordinate the exercises with lectures or a traditional statistics textbook.

Routledge  
September 2021 : 258pp  
Pb: 978-0-367-56197-0 : **£66.99**  
Hb: 978-0-367-56051-5 : **£200**  
eBook: 978-1-003-09676-4

\* For full contents and more information, visit: [www.routledge.com/9780367561970](http://www.routledge.com/9780367561970)

## Interpreting Statistics for Beginners

A Guide for Behavioural and Social Scientists



**Vladimir Hedrih**, **Andjelka Hedrih**

Interpreting Statistics for Beginners teaches readers to correctly read and interpret results of basic statistical procedures as they are presented in scientific literature, and to understand what they can and cannot infer from such results. Written in an easy-to-read style and focusing on explaining concepts behind statistical calculations, the book is most helpful for readers with no previous training in statistics, and also those wishing to bridge the conceptual gap between doing the statistical calculations and interpreting the results.

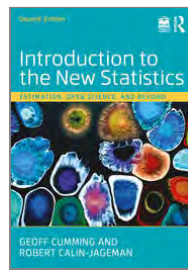
Routledge  
February 2022 : 204pp  
Pb: 978-0-367-61852-0 : **£39.99**  
Hb: 978-0-367-62051-6 : **£155**  
eBook: 978-1-003-10771-2

\* For full contents and more information, visit: [www.routledge.com/9780367618520](http://www.routledge.com/9780367618520)

2ND EDITION

## Introduction to the New Statistics

Estimation, Open Science, and Beyond



**Geoff Cumming**, **Robert Calin-Jageman**

This fully revised and updated second edition is an essential introduction to inferential statistics. It is the first introductory statistics text to use an estimation approach with meta-analysis ("the new statistics") from the start and also to explain the new and exciting Open Science practices, which encourage replication and enhance the trustworthiness of research. Designed for introduction to statistics, data analysis or quantitative methods courses in psychology, education and other social and health sciences, researchers interested in understanding Open Science and the new statistics will also appreciate this book.

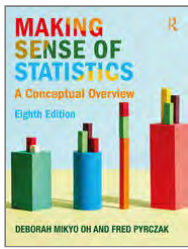
Routledge  
March 2024 : 610pp  
Pb: 978-0-367-53150-8 : **£72.99**  
Hb: 978-0-367-53149-2 : **£225**  
eBook: 978-1-032-68947-0

\* For full contents and more information, visit: [www.routledge.com/9780367531508](http://www.routledge.com/9780367531508)

8TH EDITION

**Making Sense of Statistics**

A Conceptual Overview

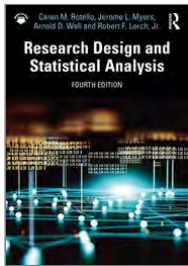
**Deborah M. Oh , Fred Pyrczak**

Making Sense of Statistics, Eighth Edition, is the ideal introduction to the concepts of descriptive and inferential statistics for students undertaking their first research project. It presents each statistical concept in a series of short steps, then uses worked examples and exercises to enable students to apply their own learning. This conceptual book is useful for all study levels, from undergraduate to doctoral level across disciplines. Once students understand and feel comfortable with the statistics presented in this book, they should find it easy to master additional statistical concepts.

Routledge  
June 2023 : 284pp  
Pb: 978-1-032-28964-9 : **£52.99**  
Hb: 978-1-032-28962-5 : **£145**  
eBook: 978-1-003-29935-6

\* For **full contents** and more information, visit: [www.routledge.com/9781032289649](http://www.routledge.com/9781032289649)

4TH EDITION

**Research Design and Statistical Analysis****Caren M. Rotello , Jerome L. Myers , Arnold D. Well , Robert F. Lorch, Jr.** University of Kentucky, Lexington, USA

This fully updated fourth edition of Research Design and Statistical Analysis provides comprehensive coverage of the design principles and statistical concepts necessary to make sense of real data. Incorporating the analyses of both experimental and observational data, and with coverage that is broad and deep enough to serve a two-semester sequence, this textbook is suitable for researchers, graduate students and advanced undergraduates in psychology, education, and other behavioral, social, and health sciences. The book is supported by a robust set of digital resources, including data files and exercises from the book in an Excel format, R scripts, and a solutions manual.

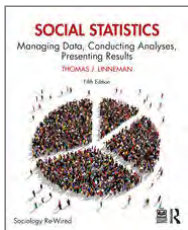
Routledge  
January 2025 : 834pp  
Pb: 978-1-032-89728-8 : **£80.99**  
Hb: 978-1-032-59210-7 : **£155**  
eBook: 978-1-003-45355-0

\* For **full contents** and more information, visit: [www.routledge.com/9781032897288](http://www.routledge.com/9781032897288)

5TH EDITION

**Social Statistics**

Managing Data, Conducting Analyses, Presenting Results

**Thomas J. Linneman** The College of William and Mary, USA*Series: Sociology Re-Wired*

With a clear, engaging writing style and fascinating examples using a variety of real data, this text covers the contemporary statistical techniques that students will encounter in the world of social research. It covers these techniques at an introductory level and carefully guides students through increasingly complex examples without intimidating them.

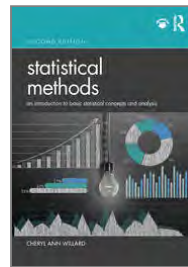
Routledge  
August 2025 : 668pp  
Pb: 978-1-032-49035-9 : **£105**  
Hb: 978-1-032-49037-3 : **£155**  
eBook: 978-1-003-39196-8

\* For **full contents** and more information, visit: [www.routledge.com/9781032490359](http://www.routledge.com/9781032490359)

2ND EDITION

**Statistical Methods**

An Introduction to Basic Statistical Concepts and Analysis

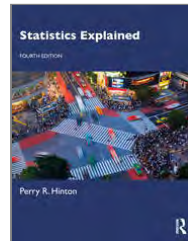
**Cheryl Ann Willard**

Statistical Methods explains core statistical concepts and basic analysis techniques for the beginning undergraduate student in statistics or quantitative research methods. Each chapter covers a core concept before guiding students through a series of exercises designed to apply and demonstrate their knowledge. Expanded coverage of the second edition includes two new chapters on essential topics such as factorial analysis of variance, additional chapter exercises, and a full suite of instructor resources – powerpoint slides, instructor manual and test bank questions.

Routledge  
March 2020 : 364pp  
Pb: 978-0-367-20352-8 : **£60.99**  
Hb: 978-0-367-20351-1 : **£195**  
eBook: 978-0-429-26103-9

\* For **full contents** and more information, visit: [www.routledge.com/9780367203528](http://www.routledge.com/9780367203528)

4TH EDITION

**Statistics Explained****Perry R. Hinton** Warwick University, UK

Statistics Explained is an accessible introduction to statistical concepts and ideas for undergraduate and postgraduate students new to the field. It makes few assumptions about the reader's statistical knowledge, carefully explaining each step of the analysis and the logic behind it. This new edition will include instructions and tips on how to present data and findings from SPSS output files, updated and more extensive case studies, and a section on alternative statistical software like R.

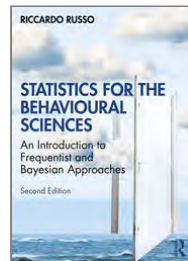
Routledge  
October 2024 : 356pp  
Pb: 978-0-367-36635-3 : **£39.99**  
Hb: 978-0-367-36638-4 : **£145**  
eBook: 978-0-429-35326-0

\* For **full contents** and more information, visit: [www.routledge.com/9780367366353](http://www.routledge.com/9780367366353)

2ND EDITION

**Statistics for the Behavioural Sciences**

An Introduction to Frequentist and Bayesian Approaches

**Riccardo Russo**

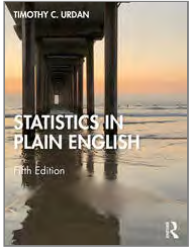
This accessible textbook is for those without a mathematical background (just some notions of basic algebra are sufficient) and provides a comprehensive introduction to all topics covered in introductory behavioural science statistics courses. This timely and highly readable text will be invaluable to undergraduate students of psychology and research methods courses in related disciplines, as well as anyone with an interest in understanding and applying the basic concepts and inferential techniques associated with statistics in the behavioural sciences.

Routledge  
November 2020 : 330pp  
Pb: 978-1-138-71150-1 : **£39.99**  
Hb: 978-1-138-71148-8 : **£155**  
eBook: 978-1-315-20041-5

\* For **full contents** and more information, visit: [www.routledge.com/9781138711501](http://www.routledge.com/9781138711501)

5TH EDITION

## Statistics in Plain English



**Timothy C. Urdan** Santa Clara University, USA

Statistics in Plain English is a straightforward, conversational introduction to statistics that delivers exactly what its title promises. Each chapter begins with a brief overview of a statistic that describes what the statistic does and when to use it, followed by a detailed step-by-step explanation of how the statistic works and exactly what information it provides. Chapters also include an example of the statistic (or statistics) in use in real-world research, "Worked Examples," "Writing It Up" sections that demonstrate how to write about each statistic, "Wrapping Up and Looking Forward" sections, and practice work problems.

Routledge

March 2022 : 322pp

Pb: 978-0-367-34283-8 : **£37.99**

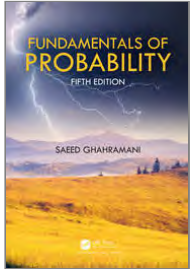
Hb: 978-0-367-34282-1 : **£195**

eBook: 978-1-032-22944-7 : **£33.99**

\* For full contents and more information, visit: [www.routledge.com/9780367342838](http://www.routledge.com/9780367342838)

5TH EDITION

## Fundamentals of Probability



**Saeed Ghahramani** Western New England University, Springfield, Massachusetts, USA

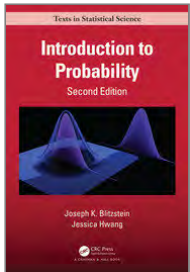
This one- or two-term calculus-based basic probability text is written for majors in mathematics, physical sciences, engineering, statistics, actuarial science, business and finance, operations research, and computer science. It presents probability in a natural way: through interesting and instructive examples and exercises that motivate the theory, definitions, theorems, and methodology. This book is mathematically rigorous and, at the same time, closely matches the historical development of probability. Whenever appropriate, historical remarks are included, and the 2096 examples and exercises have been designed to arouse curiosity and encourage students to delve into the theory.

Chapman & Hall  
May 2024 : 700pp  
Hb: 978-1-032-36608-1 : £130  
IEPB: 978-1-032-80353-1 : £49.99  
eBook: 978-1-003-33289-3

\* For full contents and more information, visit: [www.routledge.com/9781032366081](http://www.routledge.com/9781032366081)

2ND EDITION

## Introduction to Probability, Second Edition



**Joseph K. Blitzstein** Harvard University, Cambridge, Massachusetts, USA, **Jessica Hwang** Stanford University, California, USA

*Series: Chapman & Hall/CRC Texts in Statistical Science*

Undergraduate probability book that assumes one-semester of calculus. One key is the emphasis on "stories" for the probability distributions (which I mean in both an intuitive and technical sense): there are a dozen or so key distributions (Normal, Binomial, Poisson, etc.) that are incredibly widely-used in statistics, but a lot of books just write down formulas for them without explaining clearly why these particular distributions are so important, or how they are all connected. Each of these distributions has a "story" (a natural application where it arises), and thinking about stories makes the distributions easier to remember, understand, and work with.

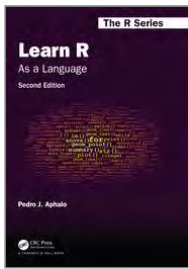
Chapman & Hall  
February 2019 : 634pp  
Hb: 978-1-138-36991-7 : £76.99  
eBook: 978-0-429-42835-7

\* For full contents and more information, visit: [www.routledge.com/9781138369917](http://www.routledge.com/9781138369917)

2ND EDITION

## Learn R

As a Language



**Pedro J. Aphalo** University of Helsinki, Faculty of Biological and Environmental Sciences

Series: *Chapman & Hall/CRC The R Series*

Learning a computer language like R can be either frustrating, fun, or boring. Having fun requires challenges that wake up the learner's curiosity but also provide an emotional reward on overcoming them. This is the second edition of a book designed so that it includes smaller and bigger challenges, in what I call playgrounds, in the hope that all readers will enjoy their path to R fluency.

Chapman & Hall  
April 2024 : 466pp  
Pb: 978-1-032-51699-8 : **£67.99**  
Hb: 978-1-032-51843-5 : **£175**  
eBook: 978-1-003-40418-7

\* For full contents and more information, visit: [www.routledge.com/9781032516998](http://www.routledge.com/9781032516998)

2ND EDITION

## R Data Analysis without Programming

Explanation and Interpretation



**David W. Gerbing** Portland State University, USA

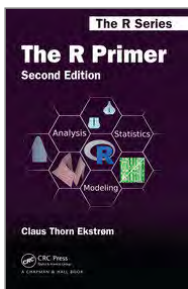
The new edition of this innovative book, prepares the readers to quickly analyse data and interpret statistical results using R. Professor Gerbing has developed lessR, which is a ground-breaking method in alleviating the challenges of R programming. The lessR extends R, removing the need for programming. This edition expands upon the first edition's introduction to R through lessR which enables the readers to learn how to organize data for analysis, read the data into R, and generate output without performing numerous functions and programming exercises first.

Routledge  
January 2023 : 378pp  
Pb: 978-1-032-24403-7 : **£59.99**  
Hb: 978-1-032-24402-0 : **£140**  
eBook: 978-1-003-27841-2

\* For full contents and more information, visit: [www.routledge.com/9781032244037](http://www.routledge.com/9781032244037)

2ND EDITION

## R Primer



**Claus Thorn Ekstrom** University of Copenhagen, Denmark

Series: *Chapman & Hall/CRC The R Series*

Newcomers to R are often intimidated by the command-line interface, the vast number of functions and packages, or the processes of importing data and performing a simple statistical analysis. The R Primer provides a collection of concise examples and solutions to R problems frequently encountered by new users of this statistical software. This new edition adds coverage of R Studio and reproducible research.

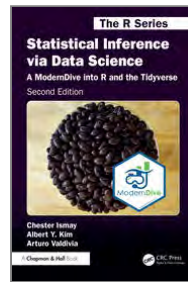
Chapman & Hall  
March 2017 : 426pp  
Pb: 978-1-138-63197-7 : **£59.99**  
Hb: 978-1-498-77255-6 : **£125**  
eBook: 978-1-315-15441-1

\* For full contents and more information, visit: [www.routledge.com/9781138631977](http://www.routledge.com/9781138631977)

2ND EDITION

## Statistical Inference via Data Science

A ModernDive into R and the Tidyverse



**Chester Ismay** DataCamp, **Albert Y. Kim**, **Arturo Valdivia**

Series: *Chapman & Hall/CRC The R Series*

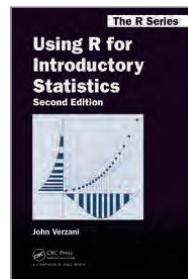
Offers a comprehensive guide to learning statistical inference with data science tools widely used in industry, academia, and government. Ideal for those new to statistics or looking to deepen their knowledge, this edition provides a clear entry point into data science and modern statistical methods.

Chapman & Hall  
May 2025 : 490pp  
Pb: 978-1-032-70837-9 : **£68.99**  
Hb: 978-1-032-72451-5 : **£170**  
eBook: 978-1-032-72454-6

\* For full contents and more information, visit: [www.routledge.com/9781032708379](http://www.routledge.com/9781032708379)

2ND EDITION

## Using R for Introductory Statistics



**John Verzani** CUNY/College of Staten Island, New York, USA

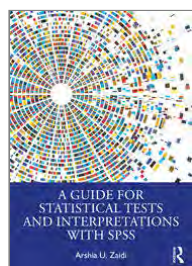
Series: *Chapman & Hall/CRC The R Series*

The second edition of a bestselling textbook, Using R for Introductory Statistics guides students through the basics of R, helping them overcome the sometimes steep learning curve. The author does this by breaking the material down into small, task-oriented steps. The second edition maintains the features that made the first edition so popular, while updating data, examples, and changes to R in line with the current version.

Chapman & Hall  
June 2014 : 518pp  
Hb: 978-1-466-59073-1 : **£67.99**  
eBook: 978-1-315-37308-9

\* For full contents and more information, visit: [www.routledge.com/9781466590731](http://www.routledge.com/9781466590731)

## A Guide for Statistical Tests and Interpretations with SPSS



**Arshia U. Zaidi**

A Guide for Statistical Tests and Interpretations with SPSS is designed for students taking basic and advanced courses in statistics, taking an integrative and practical approach to learning statistics. It guides students through navigating SPSS outputs and writing quantitatively, dealing with technical and substantive interpretations without resorting to complex mathematical formulae. With SPSS screenshots and step-by-step advice, this book will be useful for all undergraduate and graduate students in the social sciences and humanities, as a supplemental textbook to provide practical guidance on moving through all steps of statistical testing and analysis.

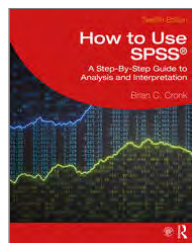
Routledge  
October 2024 : 244pp  
Pb: 978-1-032-10210-8 : **£48.99**  
Hb: 978-1-032-10520-8 : **£140**  
eBook: 978-1-003-21569-1

\* For full contents and more information, visit: [www.routledge.com/9781032102108](http://www.routledge.com/9781032102108)

12TH EDITION

## How to Use SPSS®

A Step-By-Step Guide to Analysis and Interpretation



**Brian C. Cronk**

This book is designed with the novice computer user in mind and for people who have no previous experience using SPSS. Each chapter is divided into short sections that describe the statistic being used, important underlying assumptions, and how to interpret the results and express them in a research report. The book begins with the basics, such as starting SPSS, defining variables, and entering and saving data. It covers all major statistical techniques typically taught in beginning statistics classes, such as descriptive statistics, graphing data, prediction and association, parametric inferential statistics, nonparametric inferential statistics and statistics for test construction.

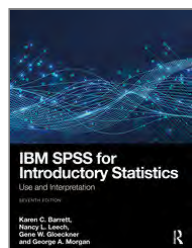
Routledge  
January 2024 : 252pp  
Pb: 978-1-032-58235-1 : **£65.99**  
Hb: 978-1-032-58519-2 : **£155**  
eBook: 978-1-003-45046-7

\* For full contents and more information, visit: [www.routledge.com/9781032582351](http://www.routledge.com/9781032582351)

7TH EDITION

## IBM SPSS for Introductory Statistics

Use and Interpretation



**Karen C. Barrett** Colorado State University, USA, **Nancy L. Leech** University of Colorado at Denver, USA, **Gene W. Gloeckner** Colorado State University, USA, **George A. Morgan** Colorado State University, USA

IBM SPSS for Introductory Statistics is designed to help students learn how to analyze and interpret research. In easy-to-understand language, the authors show readers how to choose the appropriate statistic based on the design, and to interpret outputs appropriately. This volume is an invaluable supplemental (or lab text) book for students. In addition, this book and its companion, IBM SPSS for Intermediate Statistics, are useful as guides/reminders to faculty and professionals regarding the specific steps to take to use SPSS and/or how to use and interpret parts of SPSS with which they are unfamiliar.

Routledge  
September 2025 : 258pp  
Pb: 978-1-032-41030-2 : **£47.99**  
Hb: 978-1-032-41031-9 : **£155**  
eBook: 978-1-003-35590-8

\* For full contents and more information, visit: [www.routledge.com/9781032410302](http://www.routledge.com/9781032410302)

18TH EDITION

## IBM SPSS Statistics 29 Step by Step

A Simple Guide and Reference



**Darren George, Paul Mallery**

IBM SPSS Statistics 29 Step by Step: A Simple Guide and Reference, eighteenth edition, takes a straightforward, step-by-step approach that makes SPSS software clear to beginners and experienced researchers alike. Accompanied by updated online instructor's materials and website data files, this is an essential resource for instructors and students needing a guide to using SPSS in their work, across the social sciences, behavioural sciences, education, and beyond.

Routledge  
March 2024 : 440pp  
Pb: 978-1-032-62193-7 : **£75.99**  
Hb: 978-1-032-62212-5 : **£235**  
eBook: 978-1-032-62215-6

\* For full contents and more information, visit: [www.routledge.com/9781032621937](http://www.routledge.com/9781032621937)

3RD EDITION

## SPSS Explained



**Perry R. Hinton** Warwick University, UK, **Isabella McMurray** University of Bedfordshire, UK, **Charlotte Brownlow**, **Peter C. Terry**

SPSS Explained provides the student with all that they need to undertake statistical analysis using SPSS. It combines a step-by-step approach to each procedure with easy-to-follow screenshots at each stage of the process. The authors have many years of experience in teaching SPSS to students from a wide range of disciplines. Their understanding of SPSS users' concerns, as well as a knowledge of the type of questions students ask, form the foundation of this book.

Routledge  
September 2023 : 386pp  
Pb: 978-0-367-36699-5 : **£52.99**  
Hb: 978-0-367-36698-8 : **£145**  
eBook: 978-0-429-35086-3

\* For full contents and more information, visit: [www.routledge.com/9780367366995](http://www.routledge.com/9780367366995)

## Geocomputation with Python



**Michael Dorman , Anita Graser , Jakub Nowosad , Robin Lovelace** University of Leeds, UK

*Series: Chapman & Hall/CRC The Python Series*

Geocomputation with Python is a comprehensive resource for working with geographic data with the most popular programming language in the world. The book gives an overview of Python's capabilities for spatial data analysis, as well as dozens of worked-through examples covering the entire range of standard GIS operations. Another unique feature is that this book is part of a wider community.

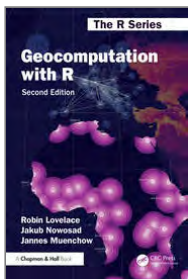
Geocomputation with Python is a sister project of Geocomputation with R (Lovelace, Nowosad, and Muenchow 2019), a book on geographic data analysis, visualization, and modeling using the R programming language that has numerous contributors and an active community.

Chapman & Hall  
February 2025 : 344pp  
Pb: 978-1-032-46065-9 : **£58.99**  
Hb: 978-1-032-45891-5 : **£160**  
eBook: 978-1-003-37991-1

\* For full contents and more information, visit: [www.routledge.com/9781032460659](http://www.routledge.com/9781032460659)

2ND EDITION

## Geocomputation with R



**Robin Lovelace** University of Leeds, UK, **Jakub Nowosad , Jannes Muenchow** Friedrich Schiller University, Jena, Germany

*Series: Chapman & Hall/CRC The R Series*

Geocomputation with R is for people who want to analyze, visualize, and model geographic data with open source software. The book provides a foundation for learning how to solve a wide range of geographic data analysis problems in a reproducible, and therefore scientifically sound and scalable way. The second edition features numerous updates, including the adoption of the high-performance terra package for all raster data processing, detailed coverage of the spherical geometry engine s2, updated information on coordinate reference systems and new content on openEO, STAC, COG, and gdal.cubes. The book equips you with the knowledge and skills to tackle a wide range of issues.

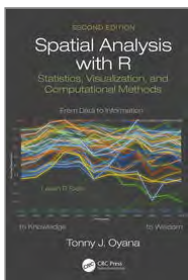
Chapman & Hall  
May 2025 : 420pp  
Pb: 978-1-032-24888-2 : **£58.99**  
Hb: 978-1-032-22979-9 : **£160**  
eBook: 978-1-003-28056-9

\* For full contents and more information, visit: [www.routledge.com/9781032248882](http://www.routledge.com/9781032248882)

2ND EDITION

## Spatial Analysis with R

Statistics, Visualization, and Computational Methods



**Tonny J. Oyana**

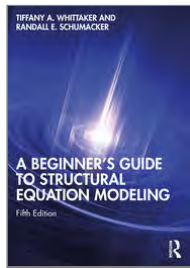
The implementation of new tools and methods for spatial analysis using R, the use and growth of artificial intelligence, machine learning and deep learning algorithms with a spatial perspective, and the interdisciplinary use of spatial analysis are all new topics in this second edition. The book provides a balance between concepts and practicum of spatial statistics with a comprehensive coverage of the most important approaches to understand spatial data, analyze spatial relationships and spatial patterns, and predict spatial processes. It offers new datasets, insights, and excellent illustrations to senior undergraduate and first year graduate students in geography and geosciences.

CRC Press  
September 2023 : 354pp  
Pb: 978-0-367-53238-3 : **£48.99**  
Hb: 978-0-367-86085-1 : **£125**  
eBook: 978-1-003-02164-3

\* For full contents and more information, visit: [www.routledge.com/9780367532383](http://www.routledge.com/9780367532383)

5TH EDITION

## A Beginner's Guide to Structural Equation Modeling



**Randall E. Schumacker, Tiffany A. Whittaker**

A Beginner's Guide to Structural Equation Modeling, fifth edition, has been redesigned with consideration of a true beginner in structural equation modeling (SEM) in mind. The book covers introductory through intermediate topics in SEM in more detail than in any previous edition. This book is intended for true beginners in structural equation modeling and is designed for introductory graduate courses in structural equation modeling taught in psychology, education, business, and the social and healthcare sciences. This book also appeals to researchers and faculty in various disciplines. Prerequisites include correlation and regression methods.

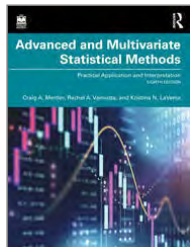
Routledge  
May 2022 : 418pp  
Pb: 978-0-367-47796-7 : **£76.99**  
Hb: 978-0-367-49015-7 : **£155**  
eBook: 978-1-003-04401-7

\* For full contents and more information, visit: [www.routledge.com/9780367477967](http://www.routledge.com/9780367477967)

8TH EDITION

## Advanced and Multivariate Statistical Methods

Practical Application and Interpretation



**Craig A. Mertler** Arizona State University, USA, **Rachel A. Vannatta, Kristina N. LaVenia** Bowling Green State University

Advanced and Multivariate Statistical Methods, Eighth Edition offers conceptual and practical insights into multivariate statistical techniques, designed for students without requiring deep technical or mathematical expertise. This updated text facilitates conceptual understanding of multivariate statistical methods by limiting the technical nature of the discussion of those concepts and focusing on their practical applications. This book is tailored for students taking a multivariate statistics course in graduate programs across a range of fields, including psychology, education, sociology, criminal justice, social work, mass communication, and nursing.

Routledge  
September 2025 : 352pp  
Pb: 978-1-032-89050-0 : **£145**  
Hb: 978-1-032-91296-7 : **£155**  
eBook: 978-1-003-56243-6

\* For full contents and more information, visit: [www.routledge.com/9781032890500](http://www.routledge.com/9781032890500)

## Data Analytics for the Social Sciences

Applications in R



**G. David Garson**

This book presents a complete exploration of statistical data analysis in R for a wide variety of social science disciplines and quantitative methods courses. Covering all the bases including multilevel modeling and ANOVA / ANCOVA, the book also goes further by looking at topics such as: neural networks to implement deep learning, thus solving complex problems other algorithms cannot; how to deal with missing values in real world data; and the use of text analytics. R code input and output is included. Suitable for all advanced level undergraduate and postgraduate students learning statistical data analysis.

Routledge  
November 2021 : 704pp  
Pb: 978-0-367-62427-9 : **£94.99**  
Hb: 978-0-367-62429-3 : **£265**  
eBook: 978-1-003-10939-6

\* For full contents and more information, visit: [www.routledge.com/9780367624279](http://www.routledge.com/9780367624279)

## Doing Statistical Analysis

A Student's Guide to Quantitative Research



**Christer Thrane**

Doing Statistical Analysis looks at three kinds of statistical research questions – descriptive, associational and inferential – and shows students how to conduct statistical analyses and interpret the results. Keeping equations to a minimum, it uses a conversational style and relatable examples such as football, covid-19 and tourism, to aid understanding. Each chapter contains practice exercises, and a section showing students how to reproduce the statistical results in the book using Stata and SPSS. Its accessible approach means this is the ideal textbook for undergraduate students across the social and behavioural sciences needing to build their confidence with statistical analysis.

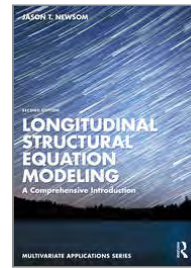
Routledge  
July 2022 : 266pp  
Pb: 978-1-032-17132-6 : **£55.99**  
Hb: 978-1-032-18030-4 : **£155**  
eBook: 978-1-003-25255-9

\* For full contents and more information, visit: [www.routledge.com/9781032171326](http://www.routledge.com/9781032171326)

2ND EDITION

## Longitudinal Structural Equation Modeling

A Comprehensive Introduction



**Jason T. Newsom** Portland State University, USA

*Series: Multivariate Applications Series*

Longitudinal Structural Equation Modeling, Second Edition provides an in-depth, comprehensive overview of structural equation modeling (SEM) strategies for longitudinal data to help readers see which modeling options are available for which hypotheses. Ideal for graduate courses on longitudinal (data) analysis, advanced SEM, longitudinal SEM, and/or advanced data (quantitative) analysis taught in the behavioral, social, and health sciences, Longitudinal Structural Equation Modeling, Second Edition, also appeals to researchers in these fields, and the first edition has been popular as a standard reference for this type of analysis.

Routledge  
October 2023 : 522pp  
Pb: 978-1-032-20286-0 : **£78.99**  
Hb: 978-1-032-20283-9 : **£155**  
eBook: 978-1-003-26303-6

\* For full contents and more information, visit: [www.routledge.com/9781032202860](http://www.routledge.com/9781032202860)

3RD EDITION

## Multilevel and Longitudinal Modeling with IBM SPSS



**Ronald H. Heck** University of Hawaii, Manoa, **Scott L. Thomas** University of Vermont, USA, **Lynn Tabata** University of Hawaii, Manoa

*Series: Quantitative Methodology Series*

This text demonstrates how to use the multilevel- and longitudinal-modeling techniques available in IBM SPSS (Version 26). Adopting a workbook format, the text walks readers through setting up, running, and interpreting a variety of different types of multilevel and longitudinal models using the linear mixed-effects model (MIXED and GENLIMIXED) platforms in SPSS. This text is an essential resource for graduate students taking courses on multilevel, longitudinal, and latent variable modeling, multivariate statistics, or advanced quantitative techniques.

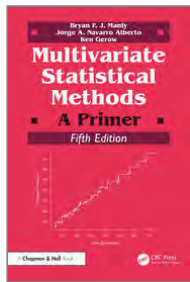
Routledge  
April 2022 : 494pp  
Pb: 978-0-367-42461-9 : **£52.99**  
Hb: 978-0-367-42460-2 : **£185**  
eBook: 978-0-367-82427-3

\* For full contents and more information, visit: [www.routledge.com/9780367424619](http://www.routledge.com/9780367424619)

5TH EDITION

## Multivariate Statistical Methods

A Primer



**Bryan F. J. Manly** University of Otago, Dunedin, New Zealand, **Jorge A. Navarro Alberto**, **Ken Gerow**

Great starting point for readers looking to become proficient in multivariate statistical methods, but who might not be deeply versed in the language of mathematics. In this edition, we provide readers with conceptual introductions to methods, practical suggestions, new references, and a more extensive collection of R functions and code that will help them to deepen their toolkit of multivariate statistical methods.

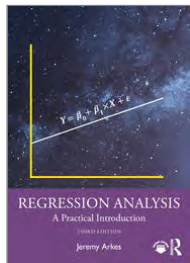
Chapman & Hall  
October 2024 : 294pp  
Pb: 978-1-032-59197-1 : **£55.99**  
Hb: 978-1-032-59200-8 : **£160**  
eBook: 978-1-003-45348-2

\* For full contents and more information, visit: [www.routledge.com/9781032591971](http://www.routledge.com/9781032591971)

3RD EDITION

## Regression Analysis

A Practical Introduction



**Jeremy Arkes**

This thoroughly practical and engaging textbook conveys the skills needed to responsibly develop, conduct, scrutinize, and interpret statistical analyses without requiring high-level math. This third edition features coverage of the Generalized AutoRegressive Conditional Heteroskedasticity (GARCh) model, Time Series Cross Section models and Multi-level (Hierarchical) models, and has been updated throughout to include more examples. It is ideal for undergraduate and postgraduate students learning quantitative methods in the social sciences, business, medicine, and data analytics. It will also appeal to researchers and academics looking to better understand regressions.

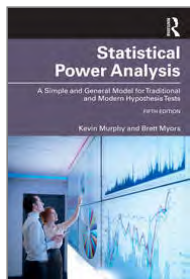
Routledge  
September 2025 : 524pp  
Pb: 978-1-041-00259-8 : **£41.99**  
Hb: 978-1-041-00260-4 : **£130**  
eBook: 978-1-003-60894-3

\* For full contents and more information, visit: [www.routledge.com/9781041002598](http://www.routledge.com/9781041002598)

5TH EDITION

## Statistical Power Analysis

A Simple and General Model for Traditional and Modern Hypothesis Tests, Fifth Edition



**Brett Myors** Griffith University, Australia, **Kevin R. Murphy** University of Limerick, Ireland

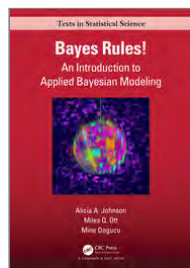
Statistical Power Analysis explains the key concepts in statistical power analysis and illustrates their application in both tests of traditional null hypotheses. It provides readers with the tools to understand and perform power analyses for virtually all the statistical methods used in the social and behavioral sciences. This edition includes new material and new power software. The programs used for power analysis in this book have been re-written in R, a language that is widely used and freely available. Statistical Power Analysis helps readers design studies, diagnose existing studies, and understand why hypothesis tests come out the way they do.

Routledge  
March 2023 : 224pp  
Pb: 978-1-032-28300-5 : **£57.99**  
Hb: 978-1-032-28301-2 : **£140**  
eBook: 978-1-003-29622-5

\* For full contents and more information, visit: [www.routledge.com/9781032283005](http://www.routledge.com/9781032283005)

## Bayes Rules!

An Introduction to Applied Bayesian Modeling



**Alicia A. Johnson, Miles Q. Ott** Smith College, Northampton, MA 01063, **Mine Dogucu** Denison university, OH, USA

*Series: Chapman & Hall/CRC Texts in Statistical Science*

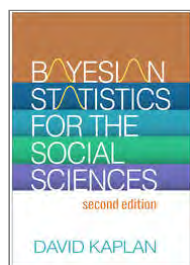
An engaging, sophisticated, and fun introduction to the field of Bayesian Statistics, *Bayes Rules! An Introduction to Bayesian Modeling with R* brings the power of modern Bayesian thinking, modeling, and computing to a broad audience. In particular, it is an ideal resource for advanced undergraduate Statistics students and practitioners with comparable experience. *Bayes Rules!* empowers readers to weave Bayesian approaches into their everyday practice.

Chapman & Hall  
March 2022 : 544pp  
Pb: 978-0-367-25539-8 : **£69.99**  
Hb: 978-1-032-19159-1 : **£195**  
eBook: 978-0-429-28834-0

\* For full contents and more information, visit: [www.routledge.com/9780367255398](http://www.routledge.com/9780367255398)

2ND EDITION

## Bayesian Statistics for the Social Sciences, Second Edition



**David Kaplan** University of Wisconsin–Madison, United States

This book equips social science researchers to apply the latest Bayesian methodologies to their data analysis problems. The second edition includes new chapters on model uncertainty, Bayesian variable selection and sparsity, and Bayesian workflow for statistical modeling, and emphasizes use of the RStan software package. Topics include frequentist and epistemic probability, prior distributions, Hamiltonian Monte Carlo, Bayesian linear regression and generalized linear models, model evaluation and comparison, multilevel modeling, missing data, and more. The book includes worked-through examples with annotated RStan code, and features a helpful companion website.

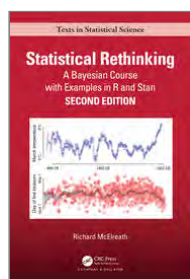
Guilford Press  
December 2023 : 250pp  
Hb: 978-1-462-55354-9 : **£62.99**

\* For full contents and more information, visit: [www.routledge.com/9781462553549](http://www.routledge.com/9781462553549)

2ND EDITION

## Statistical Rethinking

A Bayesian Course with Examples in R and STAN



**Richard McElreath** Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany

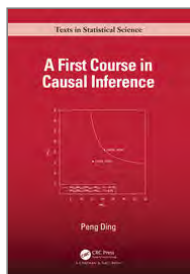
*Series: Chapman & Hall/CRC Texts in Statistical Science*

The very popular *Statistical Rethinking: A Bayesian Course with Examples in R and Stan, Second Edition* builds readers' knowledge of and confidence in statistical modeling. Reflecting the need for even minor programming in today's model-based statistics, the book pushes readers to perform step-by-step calculations that are usually automated. This unique computational approach ensures that readers understand enough of the details to make reasonable choices and interpretations in their own modeling work.

Chapman & Hall  
March 2020 : 612pp  
Hb: 978-0-367-13991-9 : **£86.99**  
eBook: 978-0-429-02960-8

\* For full contents and more information, visit: [www.routledge.com/9780367139919](http://www.routledge.com/9780367139919)

## A First Course in Causal Inference



**Peng Ding** University of California Berkeley, U.S.A

Series: *Chapman & Hall/CRC Texts in Statistical Science*

This textbook, based on the author's course on causal inference at UC Berkeley taught over the past seven years, only requires basic knowledge of probability theory, statistical inference, and linear and logistic regressions. It assumes minimal knowledge of causal inference, and reviews basic probability and statistics in the appendix. It covers causal inference from a statistical perspective and includes examples and applications from biostatistics and econometrics. This book is suitable for an advanced undergraduate or graduate-level course on causal inference, or postgraduate and PhD-level course in statistics and biostatistics departments.

Chapman & Hall  
July 2024: 448pp  
Hb: 978-1-032-75862-6 : **£68.99**  
eBook: 978-1-003-48408-0

\* For full contents and more information, visit: [www.routledge.com/9781032758626](http://www.routledge.com/9781032758626)

2ND EDITION

## The Effect

An Introduction to Research Design and Causality



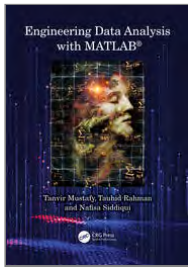
**Nick Huntington-Klein**

This book is about research design, specifically concerning research that uses non-experimental data to figure out whether one thing causes another. It introduces the concept of identification thoroughly and clearly and discusses it as a process of trying to isolate variation that has a causal interpretation. Concepts are demonstrated with a heavy emphasis on graphical intuition and the question of what we do to data. When we "add a control variable" what does that actually do? The second edition features a new chapter on partial identification, updated materials, methods, and writing throughout, and additional materials for help navigating the book or in using the book in teaching.

Chapman & Hall  
July 2025: 686pp  
Pb: 978-1-032-58022-7 : **£41.99**  
Hb: 978-1-032-58194-1 : **£130**  
eBook: 978-1-003-44896-9

\* For full contents and more information, visit: [www.routledge.com/9781032580227](http://www.routledge.com/9781032580227)

## Engineering Data Analysis with MATLAB®



**Tanvir Mustafy** Military Inst. of Science and Tech, BD,  
**Tauhid Rahman** Military Inst. of Science and Tech, BD,  
**Nafisa Siddiqui** Military Inst. of Science and Tech, BD

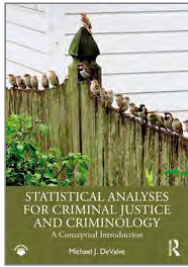
This book provides a concise overview of a variety of techniques for analyzing statistical, scientific, and financial data, using MATLAB® to integrate several approaches to data analysis and statistics. Chapters offer a broad review of computational data analysis, illustrated with many examples and applications. Each chapter combines theoretical concepts with practical MATLAB® applications and includes practice exercises, ensuring a comprehensive understanding of the material. With coverage of both basic and more complex ideas in applied statistics, the book has broad appeal for undergraduate students up to practicing engineers.

CRC Press  
 December 2024 : 902pp  
 Pb: 978-1-032-50771-2 : **£75.99**  
 Hb: 978-1-032-50658-6 : **£155**  
 eBook: 978-1-003-39958-2

\* For full contents and more information, visit: [www.routledge.com/9781032507712](http://www.routledge.com/9781032507712)

## Statistical Analyses for Criminal Justice and Criminology

A Conceptual Introduction



**Michael J. DeValve**

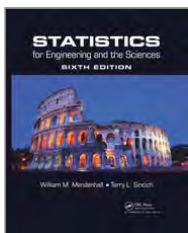
This book is a how-to guide for statistical analyses designed for undergraduates and others new to the subject. Written in an easy-going and clear style, the book uses policing data to illustrate concepts and includes a short narrative at the beginning of each chapter to engage readers. Easily identified Main Take-Aways and Key Terms features aid student understanding. Designed to combat the fear of mathematics and statistics often held by students in the social sciences, plain verbiage, multiple examples, and clear demonstrations combine to achieve the actualization and proper contextualized use of univariate and bivariate statistics.

Routledge  
 June 2024 : 194pp  
 Pb: 978-1-032-63854-6 : **£39.99**  
 Hb: 978-1-032-63858-4 : **£155**  
 eBook: 978-1-032-63859-1

\* For full contents and more information, visit: [www.routledge.com/9781032638546](http://www.routledge.com/9781032638546)

6TH EDITION

## Statistics for Engineering and the Sciences



**William M. Mendenhall , Terry L. Sincich**

Designed for a two-semester introductory course, this popular text continues to teach students the basic concepts of data description and statistical inference as well as the statistical methods necessary for real-world applications. Along with updated and reorganized material, this sixth edition includes many new and updated exercises based on contemporary engineering and scientific-related studies and real data. It also offers more statistical software printouts and corresponding instructions for use that reflect the latest versions of the SAS, SPSS, and MINITAB software.

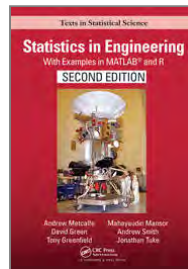
Chapman & Hall  
 December 2015 : 1182pp  
 Hb: 978-1-498-72885-0 : **£94.99**  
 eBook: 978-0-429-07627-5

\* For full contents and more information, visit: [www.routledge.com/9781498728850](http://www.routledge.com/9781498728850)

2ND EDITION

## Statistics in Engineering

With Examples in MATLAB® and R, Second Edition



**Andrew Metcalfe , David Green , Tony Greenfield , Mayhayaudin Mansor , Andrew Smith , Jonathan Tuke**

This is a textbook for an undergraduate course in statistics for engineers with a minimal calculus prerequisite. The second edition differs from existing books in three main aspects: it is the only introductory statistics textbook written for engineers that uses R throughout the text, there is an emphasis on statistical methods most relevant to engineers that are illustrated with practical applications, and there is an emphasis on random number generation and simulation, all very useful features in engineering.

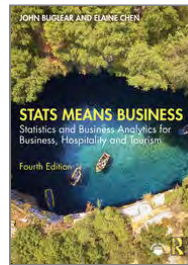
Chapman & Hall  
 June 2020 : 810pp  
 Pb: 978-0-367-57062-0 : **£51.99**  
 Hb: 978-1-439-89547-4 : **£96.99**  
 eBook: 978-1-315-11723-2

\* For full contents and more information, visit: [www.routledge.com/9780367570620](http://www.routledge.com/9780367570620)

4TH EDITION

## Stats Means Business

Statistics and Business Analytics for Business, Hospitality and Tourism



**John Buglear , Elaine Chen**

Stats Means Business is an introductory and comprehensive textbook written especially for Hospitality, Business and Tourism students who take statistics or quantitative methods modules. By minimising technical language, providing clear definitions of key terms and giving emphasis to interpretation rather than technique, this book caters to beginners in the subject. Stats Means Business is an ideal, accessible and practical introduction to statistics and quantitative research methods for Hospitality, Business and Tourism students.

Routledge  
 April 2025 : 456pp  
 Pb: 978-1-032-75021-7 : **£60.99**  
 Hb: 978-1-032-75018-7 : **£155**  
 eBook: 978-1-003-47202-5

\* For full contents and more information, visit: [www.routledge.com/9781032750217](http://www.routledge.com/9781032750217)

## A Tour of Data Science

Learn R and Python in Parallel



**Nailong Zhang**

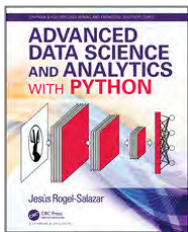
Series: *Chapman & Hall/CRC Data Science Series*

This book covers the fundamentals of data science, including programming, statistics, optimization, and machine learning in a single and short book. It does not cover everything, but instead, teaches the key concepts and topics. It also covers two of the most popular programming languages used in Data Science, R and Python, in one source.

Chapman & Hall  
November 2020 : 216pp  
Pb: 978-0-367-89586-0 : **£52.99**  
Hb: 978-0-367-89706-2 : **£145**  
eBook: 978-1-003-02064-6

\* For full contents and more information, visit: [www.routledge.com/9780367895860](http://www.routledge.com/9780367895860)

## Advanced Data Science and Analytics with Python



**Jesús Rogel-Salazar** Imperial College London, UK

Series: *Chapman & Hall/CRC Data Mining and Knowledge Discovery Series*

The book is intended for practitioners in data science and data analytics in both academic and business environments. It aims to present the reader with concepts in data science and analytics that were deemed to be more advanced or simply out of scope in the author's first book, and are used in data analytics using tools developed in Python such as SciKit Learn, Pandas, Numpy, etc. The use of Python is of particular benefit given its recent popularity in the data science community. The book is therefore a reference to be used by seasoned programmers and newcomers alike and the key benefit is the practical approach presented throughout the book.

Chapman & Hall  
May 2020 : 424pp  
Pb: 978-1-138-31506-8 : **£51.99**  
Hb: 978-0-429-44661-0 : **£115**  
eBook: 978-0-429-44664-1

\* For full contents and more information, visit: [www.routledge.com/9781138315068](http://www.routledge.com/9781138315068)

2ND EDITION

## Big Data and Social Science

Data Science Methods and Tools for Research and Practice



Edited by **Ian Foster** University of Chicago, Illinois, USA, **Rayid Ghani** University of Chicago, Illinois, USA, **Ron S. Jarmin**, **Frauke Kreuter** University of Mannheim, Germany; and Institute for Employment Research, Germany, **Julia Lane** New York University; American Institutes for Research, USA

Series: *Chapman & Hall/CRC Statistics in the Social and Behavioral Sciences*

This classroom-tested book fills a major gap in graduate- and professional-level data science and social science education. It can be used to train a new generation of social data scientists to tackle real-world problems and improve the skills and competencies of applied social scientists and public policy practitioners. It empowers you to use the massive and rapidly growing amounts of available data to interpret economic and social activities in a scientific and rigorous manner.

Chapman & Hall  
November 2020 : 412pp  
Pb: 978-0-367-56859-7 : **£60.99**  
Hb: 978-0-367-34187-9 : **£155**  
eBook: 978-0-429-32438-3

\* For full contents and more information, visit: [www.routledge.com/9780367568597](http://www.routledge.com/9780367568597)

2ND EDITION

## Data Science and Analytics with Python



**Jesús Rogel-Salazar** Imperial College London, UK

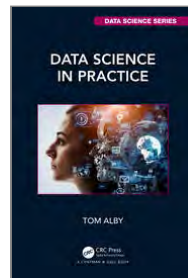
Series: *Chapman & Hall/CRC Data Mining and Knowledge Discovery Series*

Since the first edition, we have witnessed an unprecedented explosion in the interest and development within the fields of Artificial Intelligence and Machine Learning. This surge has led to the widespread adoption of the book, not just among business practitioners, but also by universities as a key textbook. Designed as a practical companion for data analysts and budding data scientists, this book assumes a working knowledge of programming and statistical modelling but aims to guide readers deeper into the wonders of data analytics and machine learning. Whether revisiting fundamental concepts or diving into new, advanced topics, this book offers something valuable for every reader.

Chapman & Hall  
June 2025 : 514pp  
Pb: 978-1-032-77249-3 : **£51.99**  
Hb: 978-1-032-77252-3 : **£140**  
eBook: 978-1-003-48206-2

\* For full contents and more information, visit: [www.routledge.com/9781032772493](http://www.routledge.com/9781032772493)

## Data Science in Practice



**Tom Alby**

Series: *Chapman & Hall/CRC Data Science Series*

Data Science in Practice is the ideal introduction to data science. With or without math skills: Here you get the all-round view that you need for your projects. This book describes how to properly question data, to unearth the treasure that data can be. As technology alone is not enough, this book also deals with problems in project implementation, illuminates various fields of application and addresses ethical aspects. Data Science in Practice includes many examples, notes on errors, decision-making aids and other practical tips, and is ideal as a complementary text for university students, or as a useful learning tool for those starting more data-related roles.

Chapman & Hall  
September 2023 : 318pp  
Pb: 978-1-032-50526-8 : **£61.99**  
Hb: 978-1-032-50524-4 : **£160**  
eBook: 978-1-003-42636-3

\* For full contents and more information, visit: [www.routledge.com/9781032505268](http://www.routledge.com/9781032505268)

## Data Science

A First Introduction



**Tiffany Timbers** University of British Columbia, **Trevor Campbell**, **Melissa Lee**

Series: *Chapman & Hall/CRC Data Science Series*

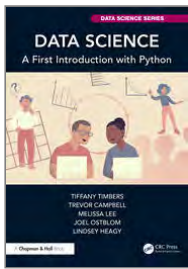
Data Science: A First Introduction focuses on using the R programming language in Jupyter notebooks to perform data manipulation and cleaning, create effective visualizations, and extract insights from data using classification, regression, clustering, and inference. The text emphasizes workflows that are clear, reproducible, and shareable, and includes coverage of the basics of version control. All source code is available online, demonstrating the use of good reproducible project workflows.

Chapman & Hall  
July 2022 : 456pp  
Pb: 978-0-367-52468-5 : **£55.99**  
Hb: 978-0-367-53217-8 : **£140**  
eBook: 978-1-003-08097-8

\* For full contents and more information, visit: [www.routledge.com/9780367524685](http://www.routledge.com/9780367524685)

## Data Science

A First Introduction with Python



**Tiffany Timbers** University of British Columbia, **Trevor Campbell**, **Melissa Lee** Assistant Professor, Uni of British Columbia, Canada, **Joel Ostblom**, **Lindsey Heagy** Professor, Uni of British Columbia, Canada

Series: *Chapman & Hall/CRC Data Science Series*

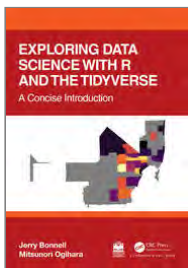
This book focuses on using the Python programming language in Jupyter notebooks to perform data manipulation and cleaning, create effective visualizations, and extract insights from data using classification, regression, clustering, and inference. The text emphasizes workflows that are clear, reproducible, and shareable, and includes coverage of the basics of version control. All source code is available online, demonstrating the use of good reproducible project workflows. The book is designed for learners from all disciplines with minimal prior knowledge of mathematics and programming. The authors have honed the material through years of experience teaching.

Chapman & Hall  
August 2024 : 452pp  
Pb: 978-1-032-57223-9 : **£61.99**  
Hb: 978-1-032-57219-2 : **£160**  
eBook: 978-1-003-43839-7

\* For full contents and more information, visit: [www.routledge.com/9781032572239](http://www.routledge.com/9781032572239)

## Exploring Data Science with R and the Tidyverse

A Concise Introduction



**Jerry Bonnell**, **Mitsunori Ogihara** University of Miami, Coral Gables, Florida, USA

This book introduces the reader to data science using R and the tidyverse. No prerequisite knowledge is needed in college-level programming or mathematics (e.g., calculus or statistics). The book is self-contained so readers can immediately begin building data science workflows without needing to reference extensive amounts of external resources for onboarding. The contents are targeted for undergraduate students but are equally applicable to students at the graduate level and beyond. The book develops concepts using many real-world examples to motivate the reader. An exercise set is made available and designed for compatibility with automated grading tools for instructor use.

Chapman & Hall  
August 2023 : 492pp  
Pb: 978-1-032-34170-5 : **£80.99**  
Hb: 978-1-032-32950-5 : **£205**  
eBook: 978-1-003-32084-5

\* For full contents and more information, visit: [www.routledge.com/9781032341705](http://www.routledge.com/9781032341705)

## Foundations of Data Science with Python



**John M. Shea**

Series: *Chapman & Hall/CRC The Python Series*

Foundations of Data Science with Python introduces readers to the fundamentals of data science, including data manipulation and visualization, probability, statistics, and dimensionality reduction. This book is targeted toward engineers and scientists, but it should be readily understandable to anyone who knows basic calculus and the essentials of computer programming. This book can be used as an undergraduate textbook for an Introduction to Data Science course or to provide a more contemporary approach in courses like Engineering Statistics. It is also intended to be accessible to practicing engineers and scientists

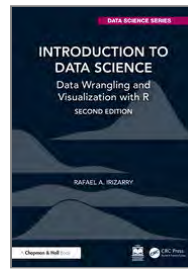
Chapman & Hall  
February 2024 : 496pp  
Pb: 978-1-032-35042-4 : **£77.99**  
Hb: 978-1-032-34674-8 : **£200**  
eBook: 978-1-003-32499-7

\* For full contents and more information, visit: [www.routledge.com/9781032350424](http://www.routledge.com/9781032350424)

2ND EDITION

## Introduction to Data Science

Data Wrangling and Visualization with R



**Rafael A. Irizarry**

Series: *Chapman & Hall/CRC Data Science Series*

Thoroughly revised and updated, this is the first book of the second edition of Introduction to Data Science: Data Wrangling and Visualization with R. It introduces skills that can help you tackle real-world data analysis challenges. No previous knowledge of R is necessary, although some experience with programming may be helpful. If you read and understand all the chapters and complete all the exercises in this book, and understand statistical concepts, you will be well-positioned to perform basic data analysis tasks and you will be prepared to learn the more advanced concepts and skills needed to become an expert.

Chapman & Hall  
August 2024 : 346pp  
Hb: 978-1-032-11655-6 : **£62.99**  
eBook: 978-1-003-22092-3

\* For full contents and more information, visit: [www.routledge.com/9781032116556](http://www.routledge.com/9781032116556)

2ND EDITION

## Modern Data Science with R



**Benjamin S. Baumer** Smith College, Northampton, MA, **Daniel T. Kaplan** Smith College, Northampton, MA, **Nicholas J. Horton** Amherst College, Amherst, MA

Series: *Chapman & Hall/CRC Texts in Statistical Science*

New data technologies and database systems facilitate scraping data and merging information from different sources and formats and restructuring data into a form suitable for analysis. State-of-the-art workflow and tools foster well-documented and reproducible analysis. Modern statistical methods allow the analyst to fit and assess models as well as to undertake supervised or unsupervised learning to extract information. Contemporary data science requires tight integration of these statistics, computing, data skills, mathematics, and communication. The text is intended for readers with some background in statistics and modest prior experience in scripting and programming.

Chapman & Hall  
April 2021 : 650pp  
Hb: 978-0-367-19149-8 : **£94.99**  
eBook: 978-0-429-20071-7

\* For full contents and more information, visit: [www.routledge.com/9780367191498](http://www.routledge.com/9780367191498)

## Practitioner's Guide to Data Science



**Hui Lin**, **Ming Li**

Series: *Chapman & Hall/CRC Data Science Series*

This book aims to increase the visibility of data science in real-world, which differs from what you learn from a typical textbook. Many aspects of day-to-day data science work are almost absent from conventional statistics, machine learning, and data science curriculum. This book is for readers who want to explore possible career paths and eventually become data scientists. This book comprehensively introduces various data science fields, and programming skills in data science projects. Traditional data-related practitioners such as statisticians, business analysts, and data analysts will find this book helpful in expanding their skills for future data science careers.

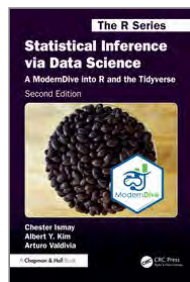
Chapman & Hall  
May 2023 : 402pp  
Pb: 978-0-815-35439-0 : **£57.99**  
Hb: 978-0-815-35447-5 : **£155**  
eBook: 978-1-351-13291-6

\* For full contents and more information, visit: [www.routledge.com/9780815354390](http://www.routledge.com/9780815354390)

2ND EDITION

## Statistical Inference via Data Science

A ModernDive into R and the Tidyverse



**Chester Ismay** DataCamp, **Albert Y. Kim**, **Arturo Valdivia**

Series: *Chapman & Hall/CRC The R Series*

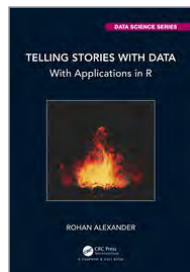
Offers a comprehensive guide to learning statistical inference with data science tools widely used in industry, academia, and government. Ideal for those new to statistics or looking to deepen their knowledge, this edition provides a clear entry point into data science and modern statistical methods.

Chapman & Hall  
May 2025 : 490pp  
Pb: 978-1-032-70837-9 : **£68.99**  
Hb: 978-1-032-72451-5 : **£170**  
eBook: 978-1-032-72454-6

\* For **full contents** and more information, visit: [www.routledge.com/9781032708379](http://www.routledge.com/9781032708379)

## Telling Stories with Data

With Applications in R



**Rohan Alexander**

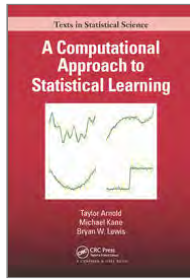
Series: *Chapman & Hall/CRC Data Science Series*

The book equips students with the end-to-end skills needed to do data science. That means gathering, cleaning, preparing, and sharing data, then using statistical models to analyse data, writing about the results of those models, drawing conclusions from them, and finally, using the cloud to put a model into production, all done in a reproducible way. This book will achieve the goals by working through extensive case studies in terms of gathering and preparing data, and integrating ethics throughout. It is specifically designed around teaching how to write about the data and models, so aspects such as writing are explicitly covered.

Chapman & Hall  
July 2023 : 622pp  
Hb: 978-1-032-13477-2 : **£83.99**  
eBook: 978-1-003-22940-7

\* For **full contents** and more information, visit: [www.routledge.com/9781032134772](http://www.routledge.com/9781032134772)

## A Computational Approach to Statistical Learning



**Taylor Arnold , Michael Kane , Bryan W. Lewis**

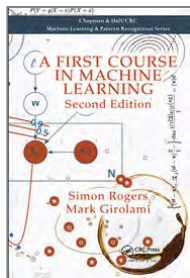
This book synthesizes those techniques from numerical analysis, algorithms, data structures, and optimization theory most commonly employed in statistics and machine learning. We provide concrete applications of these methods by giving complete reference implementations for a large set of the most commonly used statistical estimators. The goal is to provide a self-contained textbook explaining the inner algorithmic workings of statistical estimators.

Chapman & Hall  
June 2020 : 374pp  
Pb: 978-0-367-57061-3 : **£51.99**  
Hb: 978-1-138-04637-5 : **£86.99**  
eBook: 978-1-315-17140-1

\* For full contents and more information, visit: [www.routledge.com/9780367570613](http://www.routledge.com/9780367570613)

2ND EDITION

## A First Course in Machine Learning



**Simon Rogers , Mark Girolami**

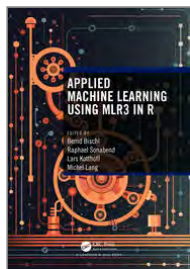
*Series: Chapman & Hall/CRC Machine Learning & Pattern Recognition*

The new edition of this popular, undergraduate textbook has been revised and updated to reflect current growth areas in Machine Learning. The new edition includes three new chapters with more detailed discussion of Markov Chain Monte Carlo techniques, Classification and Regression with Gaussian Processes, and Dirichlet Process models. Previous chapters have also been updated to reflect new developments in Machine Learning, and correct any previous errors in the text.

Chapman & Hall  
June 2020 : 428pp  
Pb: 978-0-367-57464-2 : **£45.99**  
Hb: 978-1-498-73848-4 : **£72.99**  
eBook: 978-1-315-38215-9

\* For full contents and more information, visit: [www.routledge.com/9780367574642](http://www.routledge.com/9780367574642)

## Applied Machine Learning Using mlr3 in R



*Edited by Bernd Bischl , Raphael Sonabend , Lars Kotthoff , Michel Lang*

mlr3 is an award-winning ecosystem of R packages that have been developed to enable state-of-the-art machine learning capabilities in R. This book gives an overview of flexible and robust machine learning methods, with an emphasis on how to implement them using mlr3 in R. It covers many key topics, including basic machine learning tasks, such as building and evaluating a predictive model; hyperparameter tuning of machine learning approaches to obtain peak performance; building machine learning pipelines that perform complex operations

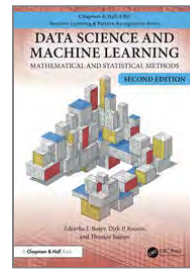
Chapman & Hall  
January 2024 : 356pp  
Pb: 978-1-032-50754-5 : **£67.99**  
Hb: 978-1-032-51567-0 : **£175**  
eBook: 978-1-003-40284-8

\* For full contents and more information, visit: [www.routledge.com/9781032507545](http://www.routledge.com/9781032507545)

2ND EDITION

## Data Science and Machine Learning

Mathematical and Statistical Methods, Second Edition



**Zdravko Botev** University of New South Wales, **Dirk P. Kroese** , **Thomas Taimre**

*Series: Chapman & Hall/CRC Machine Learning & Pattern Recognition*

The purpose of Data Science and Machine Learning: Mathematical and Statistical Methods is to provide an accessible, yet comprehensive textbook intended for students interested in gaining a better understanding of the mathematics and statistics that underpin the rich variety of ideas and machine learning algorithms in data science. This expanded second edition provides updates across key areas of statistical learning.

Chapman & Hall  
November 2025 : 758pp  
Hb: 978-1-032-48868-4 : **£78.99**  
eBook: 978-1-003-39117-3

\* For full contents and more information, visit: [www.routledge.com/9781032488684](http://www.routledge.com/9781032488684)

## Deep Learning for Engineers



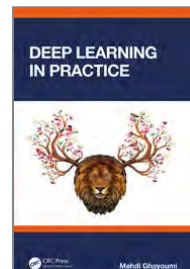
**Tariq M. Arif** Weber State University Ogden, UT, **Md Adilur Rahim** Louisiana State University Baton Rouge, LA

As a comprehensive guideline for applying deep learning models in practical settings, this book features an easy-to-understand coding structure using Python and PyTorch with an in-depth explanation of four typical deep learning case studies on image classification, object detection, semantic segmentation, and image captioning. Science and engineering students, academic researchers, and industry professionals will find the contents useful.

Chapman & Hall  
February 2024 : 170pp  
Pb: 978-1-032-51581-6 : **£52.99**  
Hb: 978-1-032-50473-5 : **£94.99**  
eBook: 978-1-003-40292-3

\* For full contents and more information, visit: [www.routledge.com/9781032515816](http://www.routledge.com/9781032515816)

## Deep Learning in Practice



**Mehdi Ghayoumi** University of San Diego

Deep Learning in Practice helps you learn how to develop and optimize a model for your projects using Deep Learning (DL) methods and architectures. This book is useful for undergraduate and graduate students, as well as practitioners in industry and academia. It will serve as a useful reference for learning deep learning fundamentals and implementing a deep learning model for any project, step by step.

Chapman & Hall  
June 2025 : 218pp  
Pb: 978-0-367-45658-0 : **£44.99**  
Hb: 978-0-367-45862-1 : **£82.99**  
eBook: 978-1-003-02581-8

\* For full contents and more information, visit: [www.routledge.com/9780367456580](http://www.routledge.com/9780367456580)

2ND EDITION

## Introduction to Machine Learning with Applications in Information Security



**Mark Stamp** Department of Computer Science, San Jose State University

Series: *Chapman & Hall/CRC Machine Learning & Pattern Recognition*

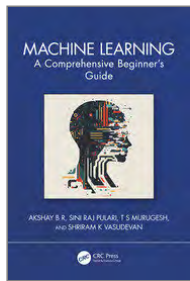
Introduction to Machine Learning with Applications in Information Security, Second Edition provides a classroom-tested introduction to a wide variety of machine learning and deep learning algorithms and techniques, reinforced with realistic applications. The book is accessible and doesn't prove theorems, or dwell on mathematical theory. The goal is to present topics at an intuitive level, with just enough detail to clarify the underlying concepts. The applications presented serve to demystify the topics by illustrating the use of various learning techniques in straightforward scenarios.

Chapman & Hall  
December 2024 : 548pp  
Pb: 978-1-032-20717-9 : **£47.99**  
Hb: 978-1-032-20492-5 : **£70.99**  
eBook: 978-1-003-26487-3

\* For full contents and more information, visit: [www.routledge.com/9781032207179](http://www.routledge.com/9781032207179)

## Machine Learning

A Comprehensive Beginner's Guide



**Akshay B R**, **Sini Raj Pulari**, **T.S. Murugesh** Govt. College of Engineering Srirangam, Tamil Nadu, **Shriram K. Vasudevan** Intel India Pvt Ltd., Tamil Nadu

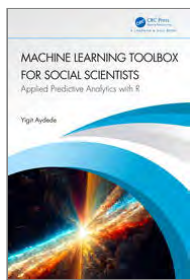
Machine learning is a dynamic and rapidly expanding field focused on creating algorithms that empower computers to recognize patterns, make predictions, and continually enhance performance. Dive into this fascinating field to master machine learning concepts with the step-by-step approach outlined in this book and contribute to its exciting future.

CRC Press  
July 2024 : 258pp  
Pb: 978-1-032-67666-1 : **£50.99**  
Hb: 978-1-032-67665-4 : **£135**  
eBook: 978-1-032-67668-5

\* For full contents and more information, visit: [www.routledge.com/9781032676661](http://www.routledge.com/9781032676661)

## Machine Learning Toolbox for Social Scientists

Applied Predictive Analytics with R



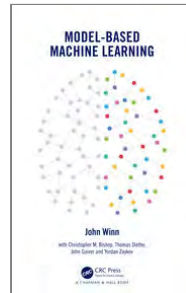
**Yigit Aydede** Professor, Saint Mary's University

Machine Learning Toolbox for Social Scientists covers predictive methods with complementary statistical "tools" that make it mostly self-contained. The inferential statistics is the traditional framework for most data analytics courses in social science and business fields, especially in Economics and Finance. The new organization that this book offers goes beyond standard machine learning code applications, providing intuitive backgrounds for new predictive methods that social science and business students can follow. The modern statistical methods the book provides allows it to be effectively used in teaching in the social science and business fields.

Chapman & Hall  
September 2023 : 600pp  
Hb: 978-1-032-46395-7 : **£86.99**  
eBook: 978-1-003-38150-1

\* For full contents and more information, visit: [www.routledge.com/9781032463957](http://www.routledge.com/9781032463957)

## Model-Based Machine Learning



**John Winn** Microsoft Research Ltd., Cambridge, United Kingdom

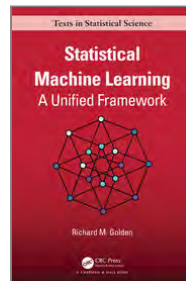
Machine learning is being applied to a growing variety of problems in a variety of domains. A fundamental challenge when using machine learning is connecting the abstract mathematics of a machine learning technique to real world problems. This book tackles this through model-based machine learning, focusing on understanding the assumptions encoded in a machine learning system and their impact on the behaviour of the system. The key ideas of model-based machine learning are introduced through case studies involving real-world applications. It aims not just to explain machine learning methods, but also how to create, debug, and evolve them to solve a problem.

Chapman & Hall  
October 2023 : 468pp  
Hb: 978-1-498-75681-5 : **£75.99**  
eBook: 978-0-429-19268-5

\* For full contents and more information, visit: [www.routledge.com/9781498756815](http://www.routledge.com/9781498756815)

## Statistical Machine Learning

A Unified Framework



**Richard Golden**

Series: *Chapman & Hall/CRC Texts in Statistical Science*

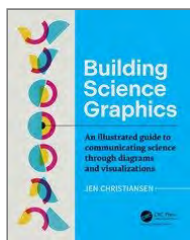
For advanced undergraduate students, graduate students, and professional. Presents a wide range of popular, disparate, and diverse machine learning algorithms within a unified theoretical framework, characterized by a collection of carefully chosen theorems from the fields of nonlinear optimization theory and mathematical statistics which respectively characterize both asymptotic behavior and generalization performance. The purpose is to teach students how to confidently apply these theorems in practice. The only required mathematical prerequisites are lower-division linear algebra, lower-division calculus, and an upper-division calculus-based course in probability theory.

Chapman & Hall  
July 2020 : 524pp  
Hb: 978-1-138-48469-6 : **£125**  
eBook: 978-1-351-05150-7

\* For full contents and more information, visit: [www.routledge.com/9781138484696](http://www.routledge.com/9781138484696)

## Building Science Graphics

An Illustrated Guide to Communicating Science through Diagrams and Visualizations



**Jen Christiansen**

Series: *AK Peters Visualization Series*

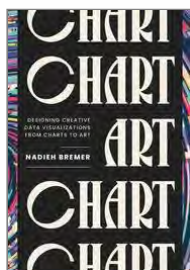
*Building Science Graphics* is a practical guide for anyone interested in creating science-centric illustrated explanatory diagrams. Starting with a clear introduction to the concept of information graphics and their role in contemporary science communication, it then outlines a process for creating graphics using evidence-based design strategies. The heart of the book is composed of two step-by-step graphical worksheets, designed to help jump-start any new project.

A K Peters/CRC Press  
August 2022 : 357pp  
Pb: 978-1-032-10674-8 : **£44.99**  
Hb: 978-1-032-10940-4 : **£105**  
eBook: 978-1-003-21781-7

\* For full contents and more information, visit: [www.routledge.com/9781032106748](http://www.routledge.com/9781032106748)

## CHART

Designing Creative Data Visualizations from Charts to Art



**Nadieh Bremer**

Series: *AK Peters Visualization Series*

*CHART* is a guide to unleashing creativity in data visualization. It takes you on a journey along the spectrum from an ordinary chart to data art, packed with ways to bring more creativity into any visualization. It will help to make your visuals more compelling and memorable, long after the numbers have been crunched. The author shares thirteen hands-on, tool-agnostic lessons, each filled with actionable insights and unique perspectives. Between these core lessons, you'll find tips, mini-chapters, and dozens of real-world examples from both client and personal projects. Designed for journalists, data analysts, business professionals, and newcomers alike.

A K Peters/CRC Press  
June 2025 : 284pp  
Hb: 978-1-032-79775-5 : **£37.99**  
eBook: 978-1-003-49780-6

\* For full contents and more information, visit: [www.routledge.com/9781032797755](http://www.routledge.com/9781032797755)

## Data Sketches

A journey of imagination, exploration, and beautiful data visualizations



**Nadieh Bremer, Shirley Wu**

Series: *AK Peters Visualization Series*

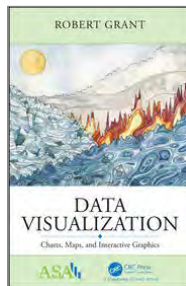
In *Data Sketches*, Nadieh Bremer and Shirley Wu document the creative and collaborative process behind 24 unique data visualization projects, spanning different topics, technologies, and forms. Features: Technical write-ups with beginner-friendly explanations of core concepts; Practical lessons on data and design challenges; Full-color; Interview with Tamara Munzner; Foreword by Alberto Cairo. This book is perfect for anyone interested or working in data visualization and information design, especially those who want to take their work to the next level and are inspired by unique and compelling data-driven storytelling.

A K Peters/CRC Press  
February 2021 : 428pp  
Pb: 978-0-367-00008-0 : **£41.99**  
Hb: 978-0-367-00012-7 : **£115**  
eBook: 978-0-429-44501-9

\* For full contents and more information, visit: [www.routledge.com/9780367000080](http://www.routledge.com/9780367000080)

## Data Visualization

Charts, Maps, and Interactive Graphics



**Robert Grant** Kingston University & St George's, University of London

Series: *ASA-CRC Series on Statistical Reasoning in Science and Society*

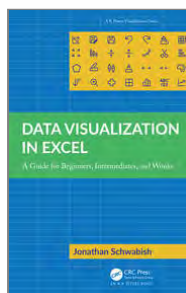
This is the age of data. There are more innovations and more opportunities for interesting work with data than ever before, but there is also an overwhelming amount of quantitative information being published every day. Data visualisation has become big business, because communication is the difference between success and failure, no matter how clever the analysis may have been. The ability to visualize data is now a skill in demand across business, government, NGOs and academia. *Data Visualization: Charts, Maps, and Interactive Graphics* gives an overview of a wide range of techniques and challenges, while staying accessible to anyone interested in working with and understanding data.

Chapman & Hall  
December 2018 : 248pp  
Pb: 978-1-138-70760-3 : **£24.99**  
Hb: 978-1-138-55359-0 : **£89.99**  
eBook: 978-1-315-20135-1

\* For full contents and more information, visit: [www.routledge.com/9781138707603](http://www.routledge.com/9781138707603)

## Data Visualization in Excel

A Guide for Beginners, Intermediates, and Wonks



**Jonathan Schwabish**

Series: *AK Peters Visualization Series*

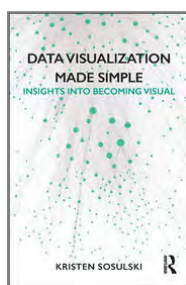
*Data Visualization in Excel* closes the gap between what people think Excel can do and what they can achieve in the tool. Over the past few years, recognition of the importance of effectively visualizing data has led to an explosion data analysis and visualization software tools. But for many people, Microsoft Excel continues to be the workhorse for their data visualization needs, not to mention the only tool that many data workers have access to. This book is the perfect guide for anyone who wants to create better, more effective, and more engaging data visualizations.

A K Peters/CRC Press  
May 2023 : 400pp  
Pb: 978-1-032-34326-6 : **£26.99**  
Hb: 978-1-032-34328-0 : **£81.99**  
eBook: 978-1-032-48782-3 : **£22.99**

\* For full contents and more information, visit: [www.routledge.com/9781032343266](http://www.routledge.com/9781032343266)

## Data Visualization Made Simple

Insights into Becoming Visual



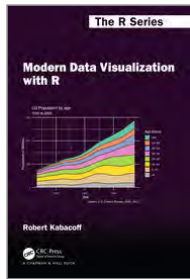
**Kristen Sosulski** New York University, USA

*Data Visualization Made Simple* is a practical guide to the fundamentals, strategies, and real-world cases for data visualization, an essential skill required in today's information-rich world. With foundations rooted in statistics, psychology, and computer science, data visualization offers practitioners in almost every field a coherent way to share findings from original research, big data, learning analytics, and more. Both novices and seasoned designers in education, business, and other areas can use this book's effective, linear process to develop data visualization literacy and promote exploratory, inquiry-based approaches to visualization problems.

Routledge  
October 2018 : 284pp  
Pb: 978-1-138-50391-5 : **£39.99**  
Hb: 978-1-138-50387-8 : **£160**  
eBook: 978-1-315-14609-6

\* For full contents and more information, visit: [www.routledge.com/9781138503915](http://www.routledge.com/9781138503915)

## Modern Data Visualization with R



**Robert Kabacoff**

Series: *Chapman & Hall/CRC The R Series*

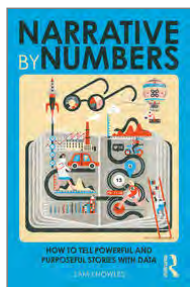
Describes ways that raw and summary data can be turned into visualizations that convey meaningful insights: basic graphs, bar charts, scatter plots, and line charts, and progresses to tree maps, alluvial plots, radar charts, mosaic plots, grouped dot plots, effects plots, multivariate presentations such as corrgrams, biplots, network diagrams.

Chapman & Hall  
March 2024 : 271pp  
Pb: 978-1-032-28760-7 : **£67.99**  
Hb: 978-1-032-28949-6 : **£175**  
eBook: 978-1-003-29927-1

\* For full contents and more information, visit: [www.routledge.com/9781032287607](http://www.routledge.com/9781032287607)

## Narrative by Numbers

How to Tell Powerful and Purposeful Stories with Data



**Sam Knowles**

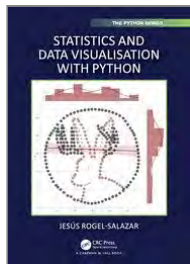
Series: *Using Data Better*

As jobs in the knowledge economy become increasingly similar, there are two core skills that everyone needs if they are going to thrive and succeed and to make a difference. These are the ability to interrogate and make sense of data, and the ability to use the insights extracted from the data to persuade others to take action. Analytics + storytelling = influence. Humans are hardwired to respond to stories and story structure. There are some simple and effective rules of data-driven storytelling that will help everyone tell more compelling, evidence-based stories, whoever they need to convince to create positive change. Narrative by Numbers shows you how.

Routledge  
March 2018 : 176pp  
Pb: 978-0-815-35314-0 : **£39.99**  
Hb: 978-0-815-35315-7 : **£155**  
eBook: 978-1-351-13722-5

\* For full contents and more information, visit: [www.routledge.com/9780815353140](http://www.routledge.com/9780815353140)

## Statistics and Data Visualisation with Python



**Jesús Rogel-Salazar** Imperial College London, UK

Series: *Chapman & Hall/CRC The Python Series*

Statistics and Data Visualisation with Python aims to build statistical knowledge from the ground up by enabling the reader to understand the ideas behind inferential statistics, and begin to formulate hypotheses that form the foundations for the applications and algorithms in statistical analysis, business analytics, machine learning and applied machine learning. This book is intended to serve as a bridge in statistics for graduates and business practitioners interested in using their skills in the area of statistical science, and data science and analytics, acting as a refresher for readers that have taken some courses in statistics, but do not necessarily use it in their daily work.

Chapman & Hall  
January 2023 : 554pp  
Pb: 978-0-367-74451-9 : **£49.99**  
Hb: 978-0-367-74936-1 : **£135**  
eBook: 978-1-003-16035-9

\* For full contents and more information, visit: [www.routledge.com/9780367744519](http://www.routledge.com/9780367744519)

## The Data Storytelling Workbook



**Anna Feigenbaum , Aria Alamalhodaei**

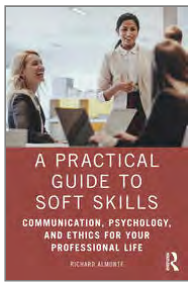
From tracking down information to symbolising human experiences, this book is your guide for telling more effective, empathetic and evidence-based data stories. Wide-ranging and in-depth, this interdisciplinary book is essential for students and researchers in journalism, communication, media, visual arts and cultural studies, as well as any who use data analysis and visualisation within their field.

Routledge  
March 2020 : 256pp  
Pb: 978-1-138-05211-6 : **£38.99**  
Hb: 978-1-138-05210-9 : **£155**  
eBook: 978-1-315-16801-2

\* For full contents and more information, visit: [www.routledge.com/9781138052116](http://www.routledge.com/9781138052116)

## A Practical Guide to Soft Skills

Communication, Psychology, and Ethics for Your Professional Life



**Richard Almonte**

This accessible text overviews the range of soft skills sought after by employers and provides a practical guide to developing and effectively demonstrating these skills. The book can be used as a supplement for communication, business, and career-oriented courses, and will be of interest to individual students and junior professionals as well as career counsellors, postsecondary instructors across the curriculum, and professionals in human resources and learning and development.

Routledge  
December 2021 : 188pp  
Pb: 978-1-032-07105-3 : **£47.99**  
Hb: 978-1-032-08101-4 : **£160**  
eBook: 978-1-003-21294-2

\* For full contents and more information, visit: [www.routledge.com/9781032071053](http://www.routledge.com/9781032071053)

3RD EDITION

## Advanced Public Speaking

A Leader's Guide



**Michael J. Hostetler** St. John's University, USA, **Mary L. Kahl**

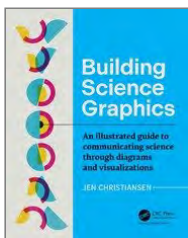
Providing users with the opportunity to increase their speaking abilities across a wide variety of complex and specific contexts, this student-engagement focused and flexible text serves as a core textbook for upper-level undergraduate public speaking courses.

Routledge  
March 2024 : 212pp  
Pb: 978-1-032-53186-1 : **£66.99**  
Hb: 978-1-032-53187-8 : **£150**  
eBook: 978-1-003-41078-2

\* For full contents and more information, visit: [www.routledge.com/9781032531861](http://www.routledge.com/9781032531861)

## Building Science Graphics

An Illustrated Guide to Communicating Science through Diagrams and Visualizations



**Jen Christiansen**

Series: *AK Peters Visualization Series*

Building Science Graphics is a practical guide for anyone interested in creating science-centric illustrated explanatory diagrams. Starting with a clear introduction to the concept of information graphics and their role in contemporary science communication, it then outlines a process for creating graphics using evidence-based design strategies. The heart of the book is composed of two step-by-step graphical worksheets, designed to help jump-start any new project.

A K Peters/CRC Press  
August 2022 : 357pp  
Pb: 978-1-032-10674-8 : **£44.99**  
Hb: 978-1-032-10940-4 : **£105**  
eBook: 978-1-003-21781-7

\* For full contents and more information, visit: [www.routledge.com/9781032106748](http://www.routledge.com/9781032106748)

2ND EDITION

## Communication in Organizations

Basic Skills and Conversation Models



**Henk T. Van der Molen**, **Yvonne Gramsbergen-Hoogland**

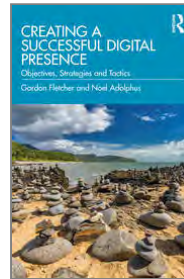
This new edition continues to give clear advice and guidance on communicating in a range of different contexts in the workplace. From handling complaints and breaking bad news to negotiating deals and giving presentations, the book explores the building blocks to effective communication skills, nurturing the leadership qualities required in any organization. Illustrated with concrete examples throughout, the new edition includes a new chapter on career coaching, as well as exercises and ideas for role-play to enable the ideas to come alive. This will be an invaluable book for students of management and business psychology, as well as those taking courses who are already in the workplace.

Routledge  
October 2018 : 214pp  
Pb: 978-1-138-55212-8 : **£35.99**  
Hb: 978-1-138-55210-4 : **£155**  
eBook: 978-1-315-14796-3

\* For full contents and more information, visit: [www.routledge.com/9781138552128](http://www.routledge.com/9781138552128)

## Creating a Successful Digital Presence

Objectives, Strategies and Tactics



**Gordon Fletcher**, **Noel Adolphus**

Increasingly graduates, and anyone entering employment, need an individual digital presence to showcase themselves to secure their first professional role. It takes an employability approach to encourage readers to recognise and deliver an effective digital presence. By using a strategic and systematic process, this book draws together academic thinking with practical outcomes. It is essential reading for advanced undergraduate and postgraduate students studying any discipline related to the digital world, particularly digital marketing and digital business, entrepreneurship and strategy, as well as those taking employability and personal professional development programmes.

Routledge  
July 2021 : 212pp  
Pb: 978-0-367-46037-2 : **£41.99**  
Hb: 978-0-367-46034-1 : **£155**  
eBook: 978-1-003-02658-7

\* For full contents and more information, visit: [www.routledge.com/9780367460372](http://www.routledge.com/9780367460372)

## English for Business Communication



**Mable Chan**

Series: *Routledge Applied English Language Introductions*

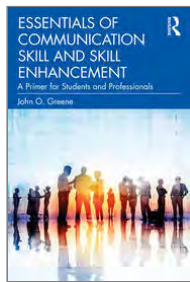
This textbook provides a comprehensive introduction for students and professionals who are studying English for business or workplace communication and covers both spoken and written English. Based on up-to-date research in business communication and incorporating an international range of real-world authentic texts, this book deals with the realities of communication in business today. This book goes beyond the traditional coverage of business English to provide a broad and practical textbook for those studying English in a workplace setting.

Routledge  
January 2020 : 246pp  
Pb: 978-1-138-48168-8 : **£39.99**  
Hb: 978-1-138-48167-1 : **£155**  
eBook: 978-1-351-06003-5

\* For full contents and more information, visit: [www.routledge.com/9781138481688](http://www.routledge.com/9781138481688)

## Essentials of Communication Skill and Skill Enhancement

A Primer for Students and Professionals



**John O. Greene**

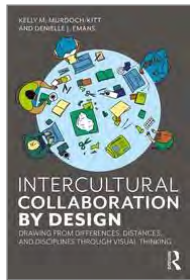
For those who wish to learn or teach the tools of skillful communication, this book provides concrete insight into what makes a person a successful communicator. Predicated on four simple notions—that communication can be done well or poorly, that communication skills matter, that people differ in those skills, and that those skills can be improved—the book helps readers identify and enhance their own communication strengths and address weaknesses, assess the communication skills of others, and coach others to improvement. This book is written for students and professionals in fields such as human resources, sales, training, counseling, customer relations, education, and healthcare.

Routledge  
March 2021 : 174pp  
Pb: 978-0-367-53428-8 : **£40.99**  
Hb: 978-0-367-53838-5 : **£155**  
eBook: 978-1-003-08345-0

\* For full contents and more information, visit: [www.routledge.com/9780367534288](http://www.routledge.com/9780367534288)

## Intercultural Collaboration by Design

Drawing from Differences, Distances, and Disciplines Through Visual Thinking



**Kelly Murdoch-Kitt, Denielle Emans**

Intercultural Collaboration by Design introduces a framework for collaborating across cultures and learning to use multicultural perspectives to address pressing global issues. With over 30 hands-on activities, this book will be of great interest to diverse teams from a variety of disciplines who want to enhance intercultural learning and co-working. Whether in the classroom or workplace, the activities are appropriate for a variety of collaboration contexts, without a need for background in art or design.

Routledge  
January 2020 : 308pp  
Pb: 978-0-367-21931-4 : **£35.99**  
Hb: 978-0-367-21932-1 : **£140**  
eBook: 978-0-429-26882-3

\* For full contents and more information, visit: [www.routledge.com/9780367219314](http://www.routledge.com/9780367219314)

## Interpersonal Skills for Group Collaboration

Creating High-Performance Teams in the Classroom and the Workplace



**Tammy Rice-Bailey** Milwaukee School of Engineering, USA, **Felicia Chong**

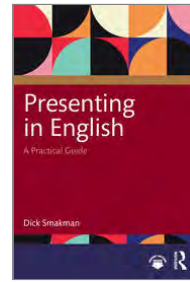
This lively and engaging text introduces readers to the core interpersonal and organizational skills needed to effectively collaborate on group projects in the classroom and the workplace. This guide can be used as a supplementary text for any courses involving group projects, and will also be of interest to professionals in communication, business, and many other fields.

Routledge  
February 2023 : 142pp  
Pb: 978-1-032-25906-2 : **£38.99**  
Hb: 978-1-032-25907-9 : **£140**  
eBook: 978-1-003-28557-1

\* For full contents and more information, visit: [www.routledge.com/9781032259062](http://www.routledge.com/9781032259062)

## Presenting in English

A Practical Guide



**Dick Smakman**

This practical guide introduces students to the language and other skills needed to deliver a presentation in English. Concise and accessible, the guide will be particularly helpful to learners of English. Accompanied by online support material with recordings, the book is an essential guide to delivering a successful presentation in English.

Routledge  
June 2024 : 230pp  
Pb: 978-1-032-62532-4 : **£40.99**  
Hb: 978-1-032-62787-8 : **£155**  
eBook: 978-1-032-62789-2

\* For full contents and more information, visit: [www.routledge.com/9781032625324](http://www.routledge.com/9781032625324)

21ST EDITION

## Principles of Public Speaking



**Dakota Horn** Bradley University, USA.

Now in its 21st edition, this introductory public speaking textbook encourages the reader to see public speaking as a way to build community in today's diverse world. This textbook is ideal for general courses on public speaking as well as specialized programs in business, management, political communication, and public affairs.

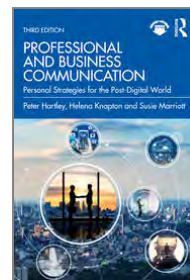
Routledge  
April 2024 : 246pp  
Pb: 978-1-032-53763-4 : **£105**  
Hb: 978-1-032-54052-8 : **£235**  
eBook: 978-1-032-72308-2 : **£96.99**

\* For full contents and more information, visit: [www.routledge.com/9781032537634](http://www.routledge.com/9781032537634)

3RD EDITION

## Professional and Business Communication

Personal Strategies for the Post-Digital World



**Peter Hartley** Edge Hill University, UK, **Susie Marriott, Helena Knapton**

This new edition of Professional and Business Communication is an ideal core communications textbook for students on business, management and professional courses preferring a practice-focused, and colloquial approach that combines accessibility with key theory.

Routledge  
May 2023 : 380pp  
Pb: 978-1-032-26800-2 : **£38.99**  
Hb: 978-1-032-28586-3 : **£155**  
eBook: 978-1-003-29755-0

\* For full contents and more information, visit: [www.routledge.com/9781032268002](http://www.routledge.com/9781032268002)

7TH EDITION

## Skilled Interpersonal Communication

Research, Theory and Practice



**Owen Hargie**

Established as the foremost textbook on communication, the seventh edition of Owen Hargie's *Skilled Interpersonal Communication* is thoroughly revised and updated with the latest research findings, theoretical developments and applications. Written by one of the foremost international experts in the field, this is essential reading for students of interpersonal communication in general, and to qualified personnel and trainees in many fields.

Routledge  
November 2021 : 678pp  
Pb: 978-1-032-00878-3 : **£55.99**  
Hb: 978-1-032-02185-0 : **£155**  
eBook: 978-1-003-18226-9

\* For full contents and more information, visit: [www.routledge.com/9781032008783](http://www.routledge.com/9781032008783)

## Virtual Presenting

A Guide to Formats, Production and Authentic Delivery



**Jamie Cohen , Michael Sorrentino**

Responding to the widespread and continued acceleration of virtual working practices in recent years, *Virtual Presenting* provides a clear guide to producing, presenting and broadcasting in a remote context. Unlike traditional studio production where a presenter is surrounded by a crew and cameras, the virtual presenter is often isolated or connected to a remote crew. *Virtual Presenting* explains how to make an authentic connection across great spaces, linked only via Internet. Topics covered include how to build a virtual setup; how to appear on camera; how to appear confident and comfortable; and how to optimize your presentation voice.

Routledge  
March 2023 : 232pp  
Pb: 978-1-032-25777-8 : **£38.99**  
Hb: 978-1-032-27185-9 : **£140**  
eBook: 978-1-003-29171-8

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