

Routledge

# Food and Nutrition Textbook Catalogue Spring 2026



# Welcome

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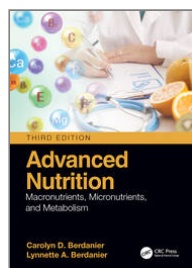
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3RD EDITION

## Advanced Nutrition

Macronutrients, Micronutrients, and Metabolism



**Carolyn D. Berdanier** Professor Emerita, University of Georgia, Athens, USA, **Lynne Berdanier** University of North Georgia, Gainesville, USA

Like its predecessors, the new and updated edition of Advanced Nutrition: Macronutrients, Micronutrients, and Metabolism is an essential textbook for advanced undergraduate and first-year graduate students studying human nutrition. This book draws on inter-related sciences including biochemistry, genetics, and physiology to provide a full understanding of nutrition science. This third edition describes the chemistry, absorption, use and excretion of each of the essential nutrients. There is comprehensive coverage of nutrient-nutrient interactions and both macro and micronutrients.

CRC Press

July 2021 : 614pp

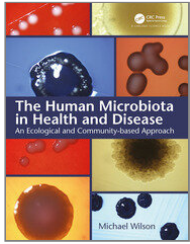
Pb: 978-0-367-55458-3 : **£86.99**Hb: 978-0-367-55460-6 : **£205**

eBook: 978-1-003-09366-4

\* For full contents and more information, visit: [www.routledge.com/9780367554583](http://www.routledge.com/9780367554583)

## The Human Microbiota in Health and Disease

An Ecological and Community-based Approach



**Michael Wilson** UCL Eastman Dental Institute, UK

This book describes the various microbial communities (microbiota) inhabiting humans as well as their important roles in human health and disease. It is aimed at senior undergraduates and graduates whose courses include a module on the indigenous microbiota of humans. It will also be useful to professional scientists, clinicians, and others who are keen to know more about the human microbiota and its role in health and disease.

Garland Science

September 2018 : 504pp

Pb: 978-0-815-34585-5 : **£94.99**

Hb: 978-1-138-34278-1 : **£235**

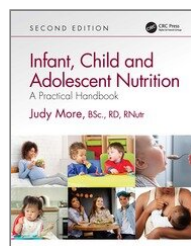
eBook: 978-1-351-06836-9

\* For full contents and more information, visit: [www.routledge.com/9780815345855](http://www.routledge.com/9780815345855)

2ND EDITION

## Infant, Child and Adolescent Nutrition

A Practical Handbook



**Judy More** Freelance Paediatric Dietitian and Registered Nutritionist, London, UK

Infant, Child and Adolescent Nutrition: A Practical Guide, Second Edition, is an evidence-based, practical guide introducing readers to the theory behind optimal child nutrition. Containing practical advice on how to put that theory into practice, this new edition facilitates learning through case studies, key points, and learning activities. Divided into seven sections, chapters cover prenatal nutrition and nutrition throughout childhood from preterm babies to adolescents up to the age of 18. It serves as a useful reference for individuals responsible for the nutritional health of children in primary care and community settings.

CRC Press

June 2021 : 308pp

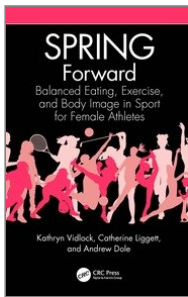
Pb: 978-0-367-55455-2 : **£51.99**Hb: 978-0-367-55456-9 : **£94.99**

eBook: 978-1-003-09365-7

\* For full contents and more information, visit: [www.routledge.com/9780367554552](http://www.routledge.com/9780367554552)

## SPRING Forward

Balanced Eating, Exercise, and Body Image in Sport for Female Athletes



**Kathryn Vidlock , Catherine Liggett , Andrew Dole**

This is a guide for coaches, teachers, parents, and female athletes on how to implement an educational program teaching nutrition for fueling properly, avoidance of disordered eating among female athletes, and promoting mental health through positive body image.

CRC Press

April 2023 : 204pp

Pb: 978-1-032-38564-8 : **£23.99**

Hb: 978-1-032-38568-6 : **£86.99**

eBook: 978-1-003-34565-7

\* For full contents and more information, visit: [www.routledge.com/9781032385648](http://www.routledge.com/9781032385648)

## School Farms

Feeding and Educating Children



*Edited by* **Alshimaa Aboelmakarem Farag, Samaa Badawi, Gulpinder Lalli** University of Wolverhampton, UK, **Maya Kamareddine**

*Series: Routledge Studies in Food, Society and the Environment*

Hunger is one of the most pressing concerns we face today and there is a clear need to provide alternative sources of food to feed a fast growing population. School farms offer a sustainable opportunity to produce food locally in order to feed underprivileged students who rely on school meals as an integral part of their daily diet. Approaching the concept of school farms through four themes, problem, people, process and place, the book shows how they can play an essential role in providing sustainable and healthy food for students, and the positive impact hands-on farming can have on students' mental and physical well-being.

Routledge

November 2021 : 322pp

Pb: 978-1-032-00960-5 : **£39.99**

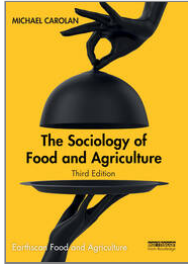
Hb: 978-1-032-00961-2 : **£155**

eBook: 978-1-003-17655-8

\* For **full contents** and more information, visit: [www.routledge.com/9781032009605](http://www.routledge.com/9781032009605)

3RD EDITION

## The Sociology of Food and Agriculture



**Michael Carolan** Colorado State University, USA

*Series: Earthscan Food and Agriculture*

Thoroughly revised and updated, the third edition of *The Sociology of Food and Agriculture* provides a cutting-edge, comprehensive introduction to the study of food and society. This title is perfect for students of food studies, including food justice, food and nutrition security, sustainable diets and food sovereignty, environmental sociology, agriculture and cultural studies.

Routledge

September 2021 : 278pp

Pb: 978-0-367-68001-5 : **£38.99**

Hb: 978-0-367-68002-2 : **£155**

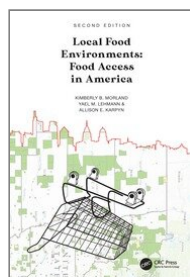
eBook: 978-1-003-13378-0

\* For full contents and more information, visit: [www.routledge.com/9780367680015](http://www.routledge.com/9780367680015)

2ND EDITION

## Local Food Environments

Food Access in America



**Kimberly B. Morland** Mount Sinai School of Medicine, New York, New York, USA, **Yael M. Lehmann**, **Allison E. Karpyn**

This second edition contains four sections including (1) disparities between local food environments in the United States; (2) effect of restricted local food environments on dietary intake; (3) interventions to local food environment and their impact on communities; and (d) macro-level influence on the development of local food environments.

CRC Press

April 2022 : 274pp

Pb: 978-0-367-46496-7 : £59.99

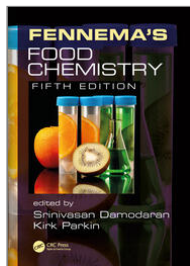
Hb: 978-0-367-46507-0 : £190

eBook: 978-1-003-02915-1

\* For full contents and more information, visit: [www.routledge.com/9780367464967](http://www.routledge.com/9780367464967)

5TH EDITION

## Fennema's Food Chemistry



Edited by **Srinivasan Damodaran** University of Wisconsin, Madison, USA, **Kirk L. Parkin** University of Wisconsin-Madison, USA

This latest edition of the most internationally respected reference in food chemistry for more than 30 years, Fennema's Food Chemistry, 5th Edition once again meets and surpasses the standards of quality and comprehensive information set by its predecessors. All chapters reflect recent scientific advances and, where appropriate, have expanded and evolved their focus to provide readers with the current state-of-the-science of chemistry for the food industry. This edition introduces new editors and contributors who are recognized experts in their fields.

CRC Press

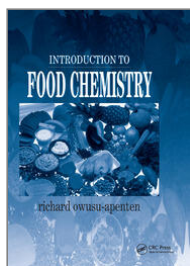
March 2017 : 1123pp

Pb: 978-1-482-20812-2 : **£75.99**Hb: 978-1-482-24361-1 : **£235**

eBook: 978-1-315-37291-4

\* For full contents and more information, visit: [www.routledge.com/9781482208122](http://www.routledge.com/9781482208122)

## Introduction to Food Chemistry



**Richard Owusu-Apenten**

Providing a concise but rigorous introduction to the core areas of food science specified by the Institute of Food Technologists, Introduction to Food Chemistry covers food chemistry, food analysis and methods for quality assurance, nutrition, diet and health, food microbiology, food material science, biochemical changes in fresh foods, food enzymology, and food processing. As a multi-level text with material of varying sophistication, the book focuses on principles rather than commodities and balances facts with explanations. It emphasizes improvement of learning and teaching quality, measurable learning outcomes, and core competencies.

CRC Press

June 2019 : 272pp

Pb: 978-0-367-39348-9 : **£67.99**Hb: 978-0-849-31724-8 : **£190**

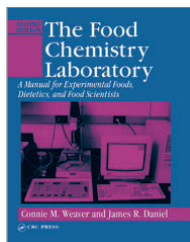
eBook: 978-0-429-12794-6

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2ND EDITION

## The Food Chemistry Laboratory

A Manual for Experimental Foods, Dietetics, and Food Scientists,  
Second Edition



**Connie M. Weaver** Purdue University, West Lafayette, Indiana, USA, **James R. Daniel** Purdue University, West Lafayette, Indiana, USA

*Series: Contemporary Food Science*

A laboratory course in food chemistry is required for food science and dietetics majors, as well as some nutrition majors. A popular book in its first edition, The Food Chemistry Laboratory, Second Edition continues to provide students with practical knowledge of the fundamentals of designing, executing, and reporting the results of a research project. Presenting experiments that can be completed without requiring extensive student laboratory facilities, it includes new exercises in the areas of physical properties, lipids, proteins, and gelatin. Also new in this edition are a brief introduction to each laboratory exercise and a listing of materials needed, approximate time needed for completion, and possible complications and/or pitfalls.

CRC Press

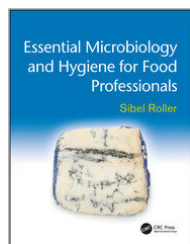
February 2003 : 150pp

Pb: 978-0-849-31293-9 : **£78.99**Hb: 978-1-138-42649-8 : **£200**

eBook: 978-0-429-12659-8

\* For full contents and more information, visit: [www.routledge.com/9780849312939](http://www.routledge.com/9780849312939)

## Essential Microbiology and Hygiene for Food Professionals



**Sibel Roller** London, UK

Accessible and practical, this introduction provides the basic science relating to microorganisms in food. Assuming no prior knowledge of microbiology, the book takes a fresh and modern approach in helping readers to appreciate the importance of microbiology and hygiene in assuring food safety and quality, demonstrating the application of key principles relating to the presence, detection, and control of microorganisms in foods. The book is highly illustrated with colour photographs, charts, diagrams, and sketches to aid learning and retention. Summary boxes, vignettes, and a glossary of technical terms further enhance the text.

CRC Press

April 2012 : 240pp

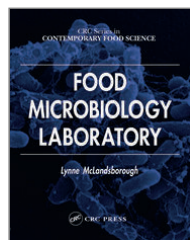
Pb: 978-1-444-12149-0 : **£52.99**

Hb: 978-1-138-42655-9 : **£200**

eBook: 978-0-429-10278-3

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## Food Microbiology Laboratory



**Lynne McLandsborough** University of Massachusetts, Amherst, USA

*Series: Contemporary Food Science*

Based on lab experiments developed for food science and microbiology courses at the University of Massachusetts, this manual presents well-tested, student-proven, and thoroughly outlined experiments for use in a one-semester introductory food microbiology course. It features 14 exercises that incorporate both traditional and rapid method testing techniques. An instructor's manual is also available with qualifying course adoptions. Covering topics such as E. coli, Staph, and Salmonella detection, thermal destruction of microorganisms, and using PCR to confirm Listeria monocytogenes, it provides students with hands-on experience with methods used by industry for enumerating microorganisms.

CRC Press

September 2004 : 196pp

Pb: 978-0-849-31267-0 : **£78.99**

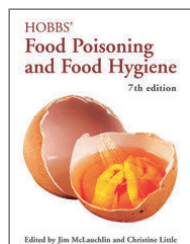
Hb: 978-1-138-42657-3 : **£205**

eBook: 978-0-429-20480-7

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7TH EDITION

## Hobbs' Food Poisoning and Food Hygiene



**Jim McLauchlin , Christine Little , Betty C. Hobbs**

This unique textbook takes a holistic approach to food poisoning and food hygiene, explaining in clear and non-technical language the causes of food poisoning with practical examples from 'real-life' outbreaks

CRC Press

June 2007 : 360pp

Pb: 978-0-340-90530-2 : **£48.99**

Hb: 978-1-138-45490-3 : **£200**

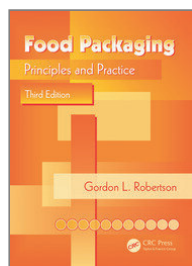
eBook: 978-0-429-07305-2

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3RD EDITION

## Food Packaging

Principles and Practice, Third Edition

**Gordon L. Robertson**

This book presents an integrated approach to understanding the principles underlying food packaging and their applications. This edition includes new and expanded coverage of biobased packaging and bionanocomposites; nanotechnology applications, including nanoclays; metallization and atomic layer deposition; shelf life design, analysis, and estimation; safety and legislative aspects of packaging including public interest in food contact materials such as BPA and phthalates; life cycle assessment and sustainability. A new chapter addresses food packaging closures and sealing systems, including closures for plastic and composite containers and peelable seals.

CRC Press

November 2012 : 736pp

Hb: 978-1-439-86241-4 : £125

eBook: 978-0-429-10540-1

\* For full contents and more information, visit: [www.routledge.com/9781439862414](http://www.routledge.com/9781439862414)

## Food Packaging Science and Technology



**Dong Sun Lee** Kyungnam University, Masan, South Korea  
**Kit L. Yam** Rutgers University, New Brunswick, New Jersey, USA, **Luciano Piergiovanni** University of Milan, Italy

With a wealth of illustrations, examples, discussion questions, and case studies, this textbook covers basic principles and advanced technologies. Emphasizing the application of scientific principles to create effective designs and quality products, this text discusses packaging materials science and the chemical and physical properties of plastics, glass, metal, and cellulosic packaging materials. It analyzes traditional methods such as end-of-line operations, as well as canning, aseptic and vacuum/modified atmosphere packaging. It studies the shelf-lives of various food categories and addresses sustainable packaging as well as sociological and legislative considerations.

CRC Press

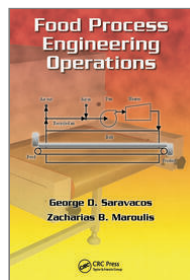
April 2008 : 656pp

Hb: 978-0-824-72779-6 : £140

eBook: 978-0-429-10923-2

\* For full contents and more information, visit: [www.routledge.com/9780824727796](http://www.routledge.com/9780824727796)

## Food Process Engineering Operations



**George D. Saravacos** National Technical University of Athens (NTUA), Greece, **Zacharias B. Maroulis** National Technical University of Athens (NTUA), Greece

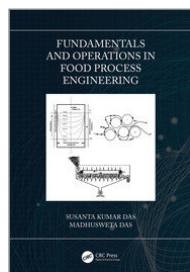
*Series: Contemporary Food Engineering*

Current textbooks on food process engineering cover mainly the traditional unit operations of fluid flow and heat transfer, with less attention paid to mass transfer and important mechanical processing operations. This textbook provides needed balance with coverage of traditional unit operations, using updated engineering properties and data and simplified computer aided techniques. It discusses mechanical processing and novel food processes such as membrane separations and introduces elements of food packaging operations, hygiene aspects, food process design, and economics. It examines the effects of each process on the quality, safety, and physical structure of food products.

CRC Press  
February 2011 : 594pp  
Hb: 978-1-420-08353-8 : £105  
eBook: 978-0-429-15006-7

\* For full contents and more information, visit: [www.routledge.com/9781420083538](http://www.routledge.com/9781420083538)

## Fundamentals and Operations in Food Process Engineering



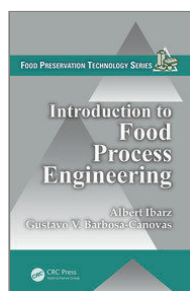
**Susanta Kumar Das** Indian Institute of Technology, Kharagpur, India, **Madhusweta Das** Indian Institute of Technology, Kharagpur, India

'Fundamentals and Operations in Food Process Engineering' deals with basic engineering principles and transport processes applied to food processing, followed by specific unit operations with large number of worked out examples and problems for practice in each chapter. This book is divided into four sections namely, fundamentals in food process engineering, mechanical operations in food processing, thermal operations in food processing and mass transfer operations in food processing. This volume aims at students pursuing courses on food science and food technology including broader section of scientific personnel working in food processing and related industries.

CRC Press  
March 2019 : 604pp  
Hb: 978-1-466-56090-1 : £140  
eBook: 978-0-429-05876-9

\* For full contents and more information, visit: [www.routledge.com/9781466560901](http://www.routledge.com/9781466560901)

## Introduction to Food Process Engineering



**Albert Ibarz** University of Lleida, Spain, **Gustavo V. Barbosa-Canovas** Washington State University, Pullman, USA

*Series: Food Preservation Technology*

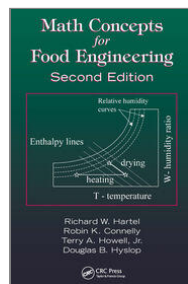
This text introduces the basic principles of food engineering, providing readers with a good understanding of what food process engineering encompasses. The text begins with an overview of basic concepts of unit operations, familiarizing readers with fundamental ideas regarding processes. It then reviews key topics in food process engineering, covering the physical properties of food, traditional fluid mechanics, and heat transfer. The text examines transport phenomena, momentum, energy, and mass balances, as well as macroscopic balances. It also discusses food processing and food preservation technologies and food packaging.

CRC Press  
April 2014 : 722pp  
Hb: 978-1-439-80918-1 : £105  
eBook: 978-0-429-17077-5

\* For full contents and more information, visit: [www.routledge.com/9781439809181](http://www.routledge.com/9781439809181)

2ND EDITION

## Math Concepts for Food Engineering



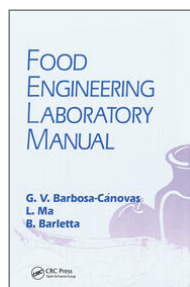
**Richard W. Hartel** University of Wisconsin, Madison, USA, **D.B. Hyslop** University of Wisconsin, Madison, USA, **Robin K. Connelly** University of Wisconsin, Madison, USA, **T.A. Howell Jr.** Collegedale, Tennessee, USA

With numerous problems and solutions, this text builds students' mathematical reasoning skills so that they can achieve a better understanding of food engineering principles. It examines a variety of food engineering elements, including gases, vapors, mass and energy balances, fluid mechanics, and heat and mass transfer. The text also offers a step-by-step breakdown of formulas used in mass, heat, and momentum transfer. This edition contains a new chapter on mass transfer, includes a simple units-conversion page and a mathematical skills screening quiz in the appendices, and uses spreadsheets (available on the publisher's website) to generate practical mathematical tools for applications and solve examples.

CRC Press  
March 2008 : 242pp  
Pb: 978-1-420-05505-4 : £48.99  
Hb: 978-1-138-42651-1 : £200  
eBook: 978-0-429-19582-2

\* For full contents and more information, visit: [www.routledge.com/9781420055054](http://www.routledge.com/9781420055054)

## Food Engineering Laboratory Manual



**Gustavo V. Barbosa-Canovas , Li Ma , Blas J. Barletta**

This manual facilitates the understanding of the most relevant unit operations in food engineering. It presents information on how to approach laboratory experiments. The book covers topics include safety, preparing for a laboratory exercise and effectively performing an experiment.

CRC Press

December 2019 : 156pp

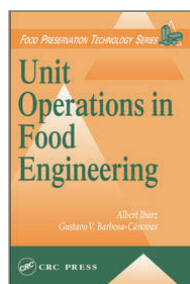
Pb: 978-0-367-44824-0 : **£65.99**

Hb: 978-1-566-76541-1 : **£94.99**

eBook: 978-0-203-75566-2

\* For full contents and more information, visit: [www.routledge.com/9780367448240](http://www.routledge.com/9780367448240)

## Unit Operations in Food Engineering



**Albert Ibarz** University of Lleida, Spain, **Gustavo V. Barbosa-Canovas** Washington State University, Pullman, USA

*Series: Food Preservation Technology*

In order to successfully produce food products with maximum quality, each stage of processing must be well-designed.

CRC Press

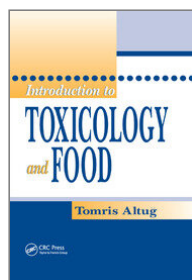
October 2002 : 920pp

Hb: 978-1-566-76929-7 : **£255**

eBook: 978-0-429-13495-1

\* For full contents and more information, visit: [www.routledge.com/9781566769297](http://www.routledge.com/9781566769297)

## Introduction to Toxicology and Food



**Tomris Altug**

Providing a concise overview of both the science of toxicology and food toxicology, *Introduction to Toxicology and Food* presents easy-to-understand explanations of the concepts and principles of toxicology as a science, the toxicants found in foods, and naturally occurring antitoxic/anticarcinogenic substances in foods. It examines the uses, harmful effects, and safety aspects of a variety of toxicants, including natural toxicants, contaminants, and food additives. With its easy-to-read style and its clear discussions of the science of toxicology, food toxicology, and chemopreventers, the book is an ideal text for an undergraduate course in food toxicology and a useful guide for food scientists.

CRC Press

September 2019 : 168pp

Pb: 978-0-367-39598-8 : **£67.99**

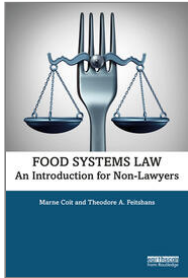
Hb: 978-0-849-31456-8 : **£190**

eBook: 978-0-429-12962-9

\* For full contents and more information, visit: [www.routledge.com/9780367395988](http://www.routledge.com/9780367395988)

## Food Systems Law

An Introduction for Non-Lawyers



**Marne Coit, Theodore A. Feitshans**

This introductory textbook provides an overview of US food law and regulations, providing the reader with a more comprehensive understanding of food systems. Chapters include explanations of key topics including food safety, food labelling, organic certification and food waste, with examples from US law and policy included. Geared towards a non-legal audience, it is aimed at students of food science and studies, as well as agricultural law, food policy and environmental law, plus professionals in the food industry.

Routledge

July 2020 : 214pp

Pb: 978-1-138-38689-1 : **£38.99**

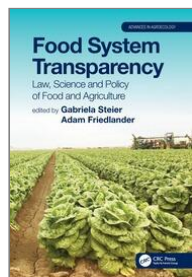
Hb: 978-1-138-38687-7 : **£155**

eBook: 978-0-429-42654-4

\* For full contents and more information, visit: [www.routledge.com/9781138386891](http://www.routledge.com/9781138386891)

## Food System Transparency

Law, Science and Policy of Food and Agriculture



Edited by **Gabriela Steier** Northeastern University, Boston, USA, **Adam Friedlander**

Series: *Advances in Agroecology*

This book brings together an international group of agriculture and food lawyers and scientists to define the field of Food System Transparency. Investigating social, economic, political, scientific and legal frameworks, the book addresses topics such as food authenticity, agroecological evaluations, and consumer protection. Interwoven themes of transparency contextualize concepts of food safety, information sharing and regulatory opportunities at a local and global scale. Important reading for graduate-level students, legal scholars, non-legal academics, and advocates for food system transparency, resilience, agroecology and environmental conservation.

CRC Press

June 2021 : 244pp

Pb: 978-0-367-44036-7 : **£59.99**

Hb: 978-0-367-77412-7 : **£170**

eBook: 978-1-003-00755-5

\* For full contents and more information, visit: [www.routledge.com/9780367440367](http://www.routledge.com/9780367440367)

## Public Policies for Food Sovereignty

Social Movements and the State



*Edited by* **Annette Aurelie Desmarais** University of Manitoba, Canada, **Priscilla Claeys** University of Louvain, Belgium, **Amy Trauger**

*Series: Routledge Studies in Food, Society and the Environment*

An increasing number of rural, including peasant, and urban-based movements are realizing some political traction in their demands for food sovereignty. Some are institutionalizing food sovereignty principles and practices through laws, policies, and programs. This volume engages with a variety of institutional processes that attempt to implement rights to local communities taking control of their food sovereignty.

Routledge

September 2017 : 238pp

Pb: 978-1-138-24096-4 : **£48.99**

Hb: 978-1-138-24095-7 : **£155**

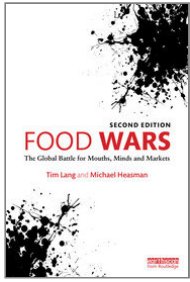
eBook: 978-1-315-28181-0

\* For full contents and more information, visit: [www.routledge.com/9781138240964](http://www.routledge.com/9781138240964)

2ND EDITION

## Food Wars

The Global Battle for Mouths, Minds and Markets



**Tim Lang** City University London, UK, **Michael Heasman** University of Bradford, UK

In the ten years since publication of the first edition of Food Wars much has happened in the world of food policy. The key theme of the importance of integrating human and environmental health has become even more pressing. This new edition brings these developments fully up to date within the original analytical framework of competing paradigms or worldviews shaping the direction and decision-making within food politics and policy. The second edition includes updated examples, case studies and the new issues that show how these conflicting tendencies have played out in practice over recent years and what this tells us about the way the global food system is heading.

Routledge

October 2015 : 324pp

Pb: 978-1-138-80262-9 : **£44.99**

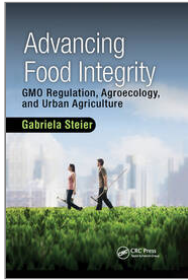
Hb: 978-1-138-80258-2 : **£190**

eBook: 978-1-315-75411-6

\* For full contents and more information, visit: [www.routledge.com/9781138802629](http://www.routledge.com/9781138802629)

## Advancing Food Integrity

GMO Regulation, Agroecology, and Urban Agriculture



**Gabriela Steier**

*Advancing Food Integrity: GMO Regulation, Agroecology, and Urban Agriculture* describes how industrial agriculture is relying on GMOs and failed in its mandate to feed the world. The proliferation of GMOs has trivialized the underlying risks to food safety and food integrity, developments that coincide with urbanization, globalization, and the resulting centralization of our food system. Big Agriculture has enclosed farmland, forcing subsistence peasants off the land, so that it can be used for growing export crops rather than diverse crops for local populations. This book belongs on the shelf of all those interested in food law, environmental law, agroecology, and sustainable

CRC Press

June 2020 : 250pp

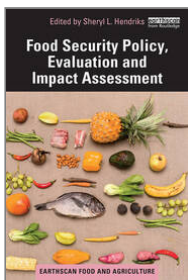
Pb: 978-0-367-57252-5 : **£50.99**

Hb: 978-1-138-30525-0 : **£75.99**

eBook: 978-0-203-72944-1

\* For full contents and more information, visit: [www.routledge.com/9780367572525](http://www.routledge.com/9780367572525)

## Food Security Policy, Evaluation and Impact Assessment



*Edited by Sheryl L. Hendriks*

*Series: Earthscan Food and Agriculture*

This book offers an essential, comprehensive yet accessible reference of contemporary food security discourse and guides readers through the steps required for food security analysis. It demonstrates how evaluation can integrate the four elements of food security (availability, access, nutrition and resilience) and offers practical tools for policy and programme impact assessment to support evidence-based planning.

Routledge

December 2019 : 272pp

Pb: 978-1-138-49709-2 : **£48.99**

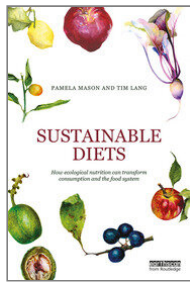
Hb: 978-1-138-49708-5 : **£155**

eBook: 978-1-351-01982-8

\* For full contents and more information, visit: [www.routledge.com/9781138497092](http://www.routledge.com/9781138497092)

## Sustainable Diets

How Ecological Nutrition Can Transform Consumption and the Food System



**Pamela Mason** Independent Researcher, UK, **Tim Lang**  
City University London, UK

The evidence on diet's impact on public health and the environment has grown in recent decades, yet changing food supply, consumer habits and economic aspirations proves hard. This book explores the case for sustainable diets in the Anthropocene. Food production and consumption are key factors in this realignment yet policy makers hesitate to reshape public eating habits and tackle the unsustainability of the global food system. The authors propose a multi-criteria approach to sustainable diets, giving equal weight to nutrition and public health, the environment, socio-cultural issues, food quality, economics and governance.

Routledge

March 2017 : 368pp

Pb: 978-0-415-74472-0 : **£49.99**

Hb: 978-0-415-74470-6 : **£200**

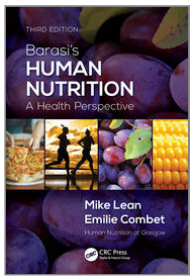
eBook: 978-1-315-80293-0

\* For full contents and more information, visit: [www.routledge.com/9780415744720](http://www.routledge.com/9780415744720)

3RD EDITION

**Barasi's Human Nutrition**

A Health Perspective, Third Edition



**Michael EJ Lean** The University of Glasgow, UK, **Emilie Combet** The University of Glasgow, UK

Barasi's Human Nutrition: A Health Perspective, Third Edition, provides a comprehensive introduction to the principles and practice of nutrition. Thoroughly revised, restructured, and updated, this new edition presents up-to-date scientific information in an accessible and reader-friendly format, emphasising how important nutrition is for evidence across the full translational health spectrum, from epidemiology and basic sciences through clinical and public health applications, and ultimately into sustainable public policy.

CRC Press

September 2016 : 482pp

Pb: 978-1-444-13720-0 : **£44.99**Hb: 978-1-138-45488-0 : **£200**

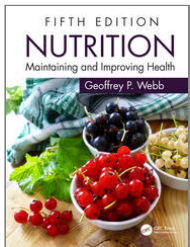
eBook: 978-1-315-38072-8

\* For full contents and more information, visit: [www.routledge.com/9781444137200](http://www.routledge.com/9781444137200)

5TH EDITION

**Nutrition**

Maintaining and Improving Health



**Geoffrey Webb** University of East London, UK

This book contains in-depth and critical reviews of the methods used to evaluate nutritional intakes/status and the observational and experimental used to investigate putative links between dietary factors and health outcome. It covers the role of food as a source of energy and nutrients while discussing the non-nutritional roles of food and the social and psychological factors that influence food choice. Presenting a critical discussion on the value of nutrition research linking specific foods or nutrients to specific diseases encourages students to question the value of some current nutrition research.

CRC Press

November 2019 : 676pp

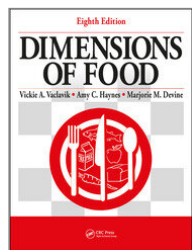
Pb: 978-0-815-36241-8 : **£66.99**Hb: 978-0-367-36939-2 : **£175**

eBook: 978-1-351-05807-0

\* For full contents and more information, visit: [www.routledge.com/9780815362418](http://www.routledge.com/9780815362418)

8TH EDITION

## Dimensions of Food



**Vickie A. Vaclavik , Amy Haynes** Medical City Hospital,  
Dallas, Texas, USA

Following the tradition of its predecessor, this eighth edition allows students to explore various aspects of food. It presents various dimensions including the chemical, economic, nutritional, palatability, processing, and sanitation aspects of food. The text provides a basic understanding of functional and structural properties of several food groups such as dairy, fruits, vegetables, eggs, meat, poultry, and fish. Unique to this manual are extensive appendices which supplement current textbooks and provide additional background for lab exercises.

CRC Press

February 2018 : 362pp

Pb: 978-1-138-63126-7 : **£105**

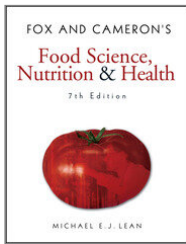
Hb: 978-1-138-37365-5 : **£200**

eBook: 978-1-315-20898-5

\* For full contents and more information, visit: [www.routledge.com/9781138631267](http://www.routledge.com/9781138631267)

7TH EDITION

## Fox and Cameron's Food Science, Nutrition & Health



**Michael EJ Lean** The University of Glasgow, UK

All aspects of nutrition are brought together in the new edition of this classic textbook. With an expanded section on clinical nutrition, the book also covers basic chemical nature of the important food groups and emphasises the relationship between good nutrition and good health.

CRC Press

March 2006 : 332pp

Pb: 978-0-340-80948-8 : **£48.99**

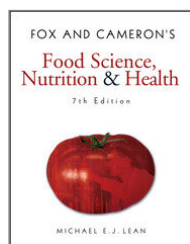
Hb: 978-1-138-45491-0 : **£200**

eBook: 978-0-429-16741-6

\* For full contents and more information, visit: [www.routledge.com/9780340809488](http://www.routledge.com/9780340809488)

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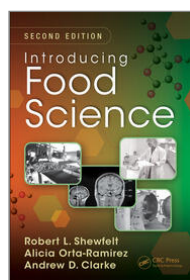
Hb: 978-1-138-45491-0 : **£200**

eBook: 978-0-429-16741-6

\* For full contents and more information, visit: [www.routledge.com/9780340809488](http://www.routledge.com/9780340809488)

2ND EDITION

## Introducing Food Science



**Robert L. Shewfelt** University of Georgia, Athens, USA,  
**Alicia Orta-Ramirez** Cornell University, Ithaca, New York, USA,  
**Andrew D. Clarke** University of Missouri, Columbia, USA

The second edition of a bestseller, this textbook introduces the basics of food science, then building on this foundation, explores its sub-disciplines. This format has been retained to provide students with a well-rounded understanding of the field. The new edition contains revised or additional information on sustainability, molecular gastronomy, culinology, My Plate replacing My Pyramid, clean labels, the assault on processed foods and food scientists by several authors, the new food-safety regulations. It also provides additional pedagogical features, including end-of-chapter questions and a glossary while retaining the popular Looking Back, Remember This!, and Looking Ahead sections.

CRC Press

September 2015 : 463pp

Pb: 978-1-482-20974-7 : **£96.99**

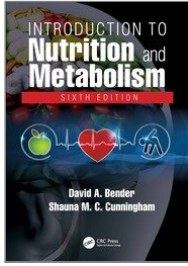
Hb: 978-1-138-46043-0 : **£205**

eBook: 978-0-429-17238-0

\* For full contents and more information, visit: [www.routledge.com/9781482209747](http://www.routledge.com/9781482209747)

6TH EDITION

## Introduction to Nutrition and Metabolism



**David A Bender** University College London, UK, **Shauna M C Cunningham** Robert Gordon University, Scotland

Introduction to Nutrition and Metabolism equips readers with an understanding of the scientific basis of what we call a healthy diet. Now in its sixth edition, this highly recognized textbook provides clear explanations of how nutrients are metabolized and gives explains the principles of biochemistry needed for comprehending the science of nutrition. This full-color textbook explores the uses to which food is put in the body and the interactions between health and diet. Outlining the scientific basis behind nutritional requirements and recommendations, this new edition has been extensively revised to reflect current knowledge.

CRC Press

February 2021 : 452pp

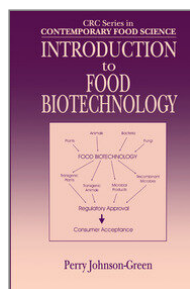
Pb: 978-0-367-19081-1 : **£76.99**

Hb: 978-0-367-68815-8 : **£195**

eBook: 978-1-003-13915-7

\* For full contents and more information, visit: [www.routledge.com/9780367190811](http://www.routledge.com/9780367190811)

## Introduction to Food Biotechnology



**Perry Johnson-Green**

*Series: Contemporary Food Science*

Unique in its approach, *Introduction to Food Biotechnology* describes, explains, and discusses biotechnology within the context of human nutrition, food production, and food processing. Written for undergraduate students in Food Science and Nutrition who do not have a background in molecular biology, it provides full explanations of many of the technically difficult aspects of biotechnology. The book addresses a comprehensive range of topics in food biotechnology: cell culture, transgenic organisms, regulatory policy, safety issues, and consumer concerns, using case studies to reinforce concepts.

CRC Press

April 2002 : 312pp

Hb: 978-0-849-31152-9 : **£130**

eBook: 978-1-315-27570-3

\* For full contents and more information, visit: [www.routledge.com/9780849311529](http://www.routledge.com/9780849311529)

2ND EDITION

## Developing New Food Products for a Changing Marketplace



*Edited by* **Aaron L. Brody** President & CEO, Packaging/Brody, Inc., Duluth, Georgia, USA, **John B. Lord** Saint Joseph's University, Philadelphia, Pennsylvania, USA

Written by world class authorities, this volume discusses formulation, sensory, and consumer testing, package design, commercial production, and product launch and marketing. Offering the same caliber of information that made the widely adopted first edition so popular, the second edition introduces new concepts in staffing, identifying and measuring consumer desires, engineering scale-up from the kitchen, lab, or pilot plant; and generating product concepts. Applying insights from real life experience, contributors probe the retail environment, covering optimization, sensory analysis, package design, and the increasingly important role of the research chef or culinologist™ in providing the basic recipe.

CRC Press

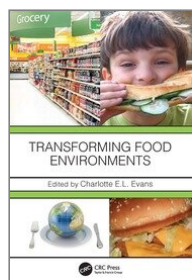
November 2007 : 612pp

Hb: 978-0-849-32833-6 : £125

eBook: 978-0-429-12944-5

\* For full contents and more information, visit: [www.routledge.com/9780849328336](http://www.routledge.com/9780849328336)

## Transforming Food Environments



*Edited by* **Charlotte E.L. Evans**

This book features evidence from several disciplines exploring initiatives that have improved food environments and discusses the importance of achieving success in equitable and sustainable ways. It presents information on diverse food environments followed by methods that help readers become aware of the design of interventions and food policies. It covers food environments in schools, workplaces, and community centres as well as fast food establishments and food marketing. The book presents methods to help encourage better food choices and purchase of healthier foods.

CRC Press

March 2022 : 344pp

Pb: 978-0-367-48860-4 : **£50.99**

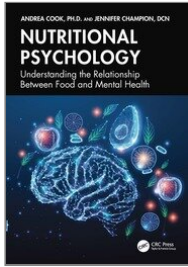
Hb: 978-0-367-48966-3 : **£190**

eBook: 978-1-003-04372-0

\* For full contents and more information, visit: [www.routledge.com/9780367488604](http://www.routledge.com/9780367488604)

## Nutritional Psychology

Understanding the Relationship Between Food and Mental Health



**Andrea Cook , Jennifer Champion**

Nutritional Psychology: Understanding the Relationship Between Food and Mental Health combines psychology, nutrition, and medicine to form a framework for optimizing the relationship between diet and mental wellbeing. This textbook is designed for undergraduate and graduate psychology and nutrition college courses for students pursuing careers as psychologists, dietitians, nurses, social workers, and a variety of health professionals who want to incorporate nutrition and eating behavior into their discussions with patients.

CRC Press

March 2025 : 282pp

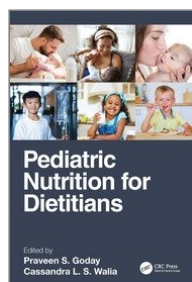
Pb: 978-1-032-64014-3 : **£52.99**

Hb: 978-1-032-64760-9 : **£165**

eBook: 978-1-032-64764-7

\* For full contents and more information, visit: [www.routledge.com/9781032640143](http://www.routledge.com/9781032640143)

## Pediatric Nutrition for Dietitians



*Edited by* **Praveen S. Goday** Medical College of Wisconsin, USA, **Cassandra Walia**

This book is a comprehensive review of pediatric nutrition primarily for a dietitian, dietetics student, or a master's level student in pediatric nutrition.

CRC Press

July 2022 : 484pp

Pb: 978-0-367-70504-6 : **£83.99**

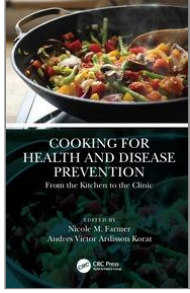
Hb: 978-0-367-70763-7 : **£190**

eBook: 978-1-003-14785-5

\* For full contents and more information, visit: [www.routledge.com/9780367705046](http://www.routledge.com/9780367705046)

## Cooking for Health and Disease Prevention

From the Kitchen to the Clinic



*Edited by* **Nicole M. Farmer , Andres V. Ardisson Korat**

Poor diet and substandard nutrition are underlying causes of many diseases including cardiovascular disease, diabetes, and cancer. Collectively, these ailments are the leading causes of premature death. *Cooking for Health and Disease Prevention: From the Kitchen to the Clinic* helps demonstrate cooking as a fundamental bridge between ideal nutrition and long-term health. This book provides information to clinicians and their patients about foods and cooking principles to help prevent common health conditions. It is authored by Nicole Farmer, physician scientist at the NIH Clinical Center, and Andres Ardisson Korat, awarded a doctorate from Harvard T.H. Chan School of Public Health.

CRC Press

August 2022 : 276pp

Pb: 978-1-138-30467-3 : **£50.99**

Hb: 978-1-138-30470-3 : **£190**

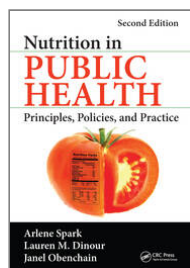
eBook: 978-0-203-72989-2

\* For full contents and more information, visit: [www.routledge.com/9781138304673](http://www.routledge.com/9781138304673)

2ND EDITION

## Nutrition in Public Health

Principles, Policies, and Practice, Second Edition



**Arlene Spark , Lauren M. Dinour , Janel Obenchain**

This book provides an overview of the field and focuses on the role of the Federal Government in determining nutrition policy and practice. Beginning with a review of the definition and principles of public health, the book examines trends in the US population and nutritional epidemiology. It considers programs to help reduce disparities in the prevalence of diet-related chronic diseases among various populations, as well as a detailed chapter on obesity with discussions on global impact and cost, pediatric obesity, and the impact of socioeconomic status and ethnicity. Specific information is included on breastfeeding mothers, HIV/AIDS, and prison inmates.

CRC Press

June 2021 : 648pp

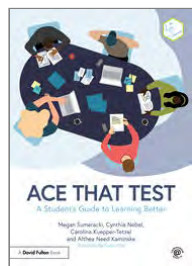
Pb: 978-1-032-09828-9 : **£51.99**Hb: 978-1-466-58994-0 : **£155**

eBook: 978-0-429-16838-3

\* For full contents and more information, visit: [www.routledge.com/9781032098289](http://www.routledge.com/9781032098289)

## 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**

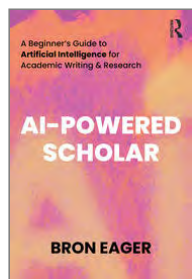
Hb: 978-1-032-35586-3 : **£145**

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

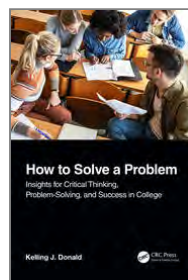
Pb: 978-1-032-52409-2 : **£14.99**

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**

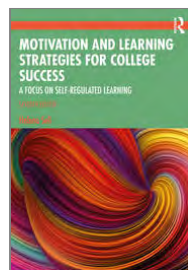
eBook: 978-1-003-20136-6

\* 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**

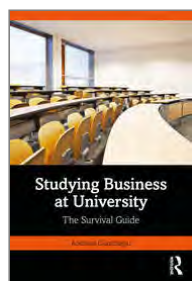
The new edition of this bestselling textbook provides a comprehensive overview of the latest research on stress and health, moving beyond the former deficit model to a resource growth model. It examines all aspects of the topic, from how the external world and the impact of technology makes demands upon 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**

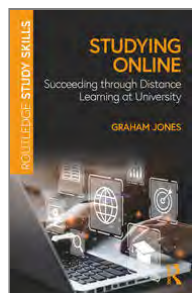
Studying Business at University provides new and prospective undergraduates with a concise and easy-to-read insight into what life is like as a business student today. Written in the style of an email dialogue between two students, it informs and reassures the new business student who is seeking advice 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*

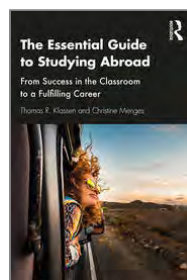
Helping you get to grips with online learning, this book contains a wealth of practical tips and strategies that will make studying online easier. Covering the advantages of online learning as well as the problems you might face, this book provides tried and tested advice to help you overcome those difficulties 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



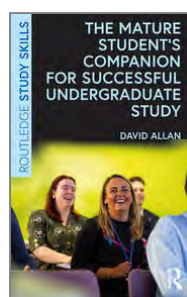
**Thomas R. Klassen** York University, Canada, **Christine Menges** WHU – Otto Beisheim School of Management, Germany

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

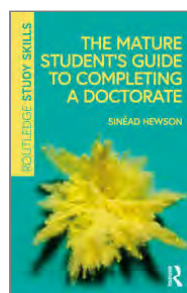
Series: *Routledge Study Skills*

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*

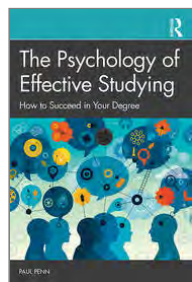
Carefully structured to make it accessible and easy to follow, this thought-provoking book encourages the reader to facilitate a dialogue across disciplines so that unconventional students are acknowledged and can discover a successful path towards admission and PhD completion. It is a must-read for 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**

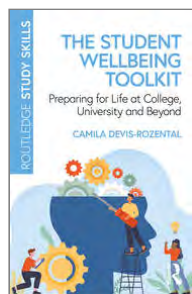
Hb: 978-1-138-57090-0 : **£140**

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

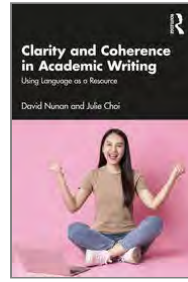
The sixth edition of this popular book has been written to help international students succeed in writing essays and reports for their English-language academic courses. Thoroughly revised and updated in a streamlined format making it even easier to use, it is designed to let readers find the support 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**

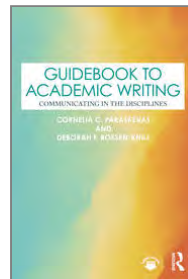
Accessible and informative, this book is designed to enhance the capacity of graduate and undergraduate students, as well as early career scholars, to write for academic purposes. Fang describes the key genres and types of academic writing, explains common rhetorical moves, offers linguistic strategies 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



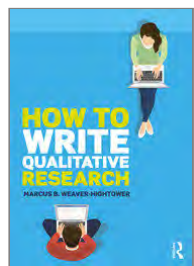
**Cornelia C. Paraskevas, Deborah F. Rossen-Knill**

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.

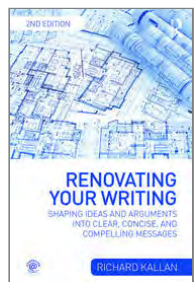
Routledge  
October 2018 : 282pp  
Pb: 978-1-138-06631-1 : **£45.99**  
Hb: 978-1-138-06630-4 : **£155**  
eBook: 978-1-315-15926-3

\* 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**

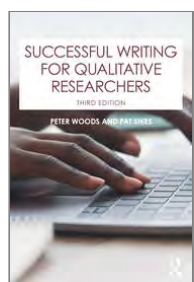
*Renovating Your Writing* outlines the principles of effective composition by focusing on the essential skill set and mindset every successful writer must possess. Now in its second edition, this novel text provides readers with unique strategies for crafting and revising their writing, whether for school, 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.

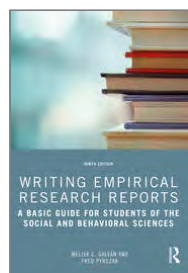
Routledge  
January 2017 : 210pp  
Pb: 978-1-138-28968-0 : **£60.99**  
Hb: 978-1-138-28966-6 : **£185**  
eBook: 978-1-315-26706-7

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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

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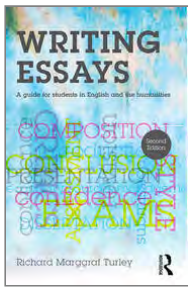
Routledge  
October 2023 : 196pp  
Pb: 978-1-032-13680-6 : **£59.99**  
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Routledge  
November 2015 : 158pp  
Pb: 978-1-138-91669-2 : **£23.99**  
Hb: 978-1-138-91668-5 : **£155**  
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## Writing Literature 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.

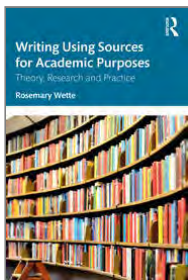
Writing Literature Reviews provides students with practical guidelines for the complex process of writing literature reviews for course projects, theses or dissertations, and research manuscripts for publication. It is ideal for use in research methods courses, thesis/dissertation preparation courses, 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  
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Theory, Research and Practice



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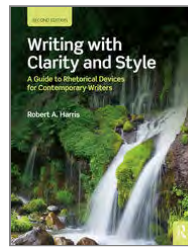
Routledge  
December 2020 : 164pp  
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A Guide to Rhetorical Devices for Contemporary Writers



**Robert A. Harris**

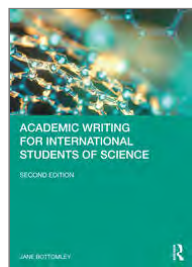
Writing with Clarity and Style, 2nd Edition, will help you to improve your writing dramatically. The book shows you how to use dozens of classical rhetorical devices to bring power, clarity, and effectiveness to your writing. You will also learn about writing styles, authorial personas, and sentence 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.

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Routledge

October 2021 : 220pp

Pb: 978-0-367-63272-4 : **£30.99**

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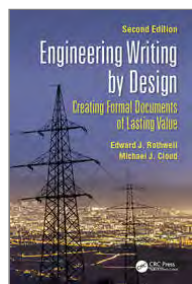
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CRC Press

January 2020 : 257pp

Pb: 978-0-367-34754-3 : **£55.99**

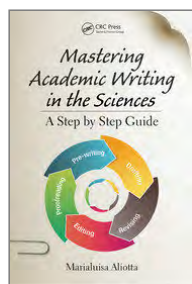
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**Marialuisa Aliotta**

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**

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CRC Press

November 2025 : 271pp

Pb: 978-1-032-84374-2 : **£47.99**

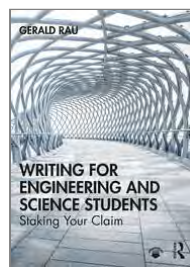
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Routledge

August 2019 : 324pp

Pb: 978-1-138-38825-3 : **£40.99**

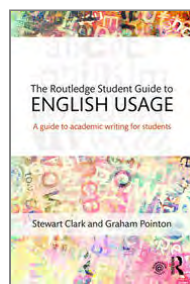
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Routledge

May 2016 : 402pp

Pb: 978-1-138-93359-0 : **£41.99**

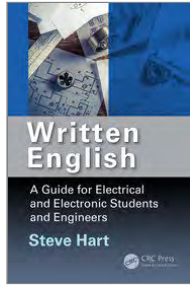
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A Guide for Electrical and Electronic Students and Engineers



**Steve Hart** English Language Editor and Resource Writer, Cambridge, UK

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CRC Press

December 2015 : 216pp

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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**  
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2ND EDITION

## A Concise Guide to Writing a Thesis or Dissertation

Educational Research and Beyond



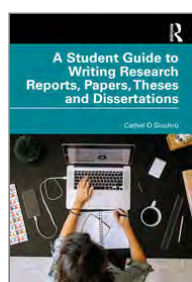
**Halyna M. Kornuta, Ron W. Germaine**

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**  
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**Cathal Ó Siochrú**

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Routledge  
November 2022 : 234pp  
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## Dissertation Practice

A Journal for Learning



**Diane Bennett Durkin**

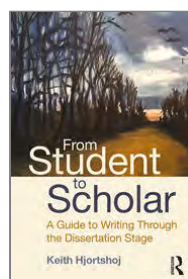
Dissertation Practice: A Journal for Learning is an interactive resource that promotes journaling to engender key dissertation practices, through activities and exercises. It is rooted in the view that students can use journaling to promote thought, and that the privacy of journal entries ensures comfort 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.

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## From Student to Scholar

A Guide to Writing Through the Dissertation Stage



**Keith Hjortshoj** John S. Knight Writing Program, Cornell University

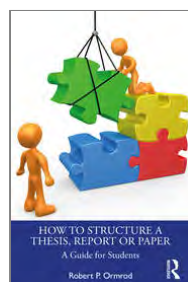
From Student to Scholar guides graduate students through the "hidden" developmental transition required in writing a dissertation and moving beyond, to become a successful scholar. Identifying common rhetorical challenges across disciplines, author Hjortshoj explains how to accommodate evolving audiences, 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.

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## How to Structure a Thesis, Report or Paper

A Guide for Students



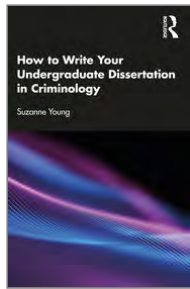
**Robert P. Ormrod**

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.

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## How to Write Your Undergraduate Dissertation in Criminology



**Suzanne Young**

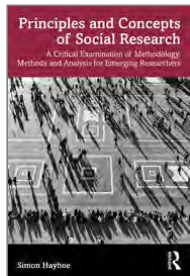
This book provides a guide for undergraduate criminology and criminal justice students undertaking their final year dissertation. Drawing on empirical case studies and including a range of resources and templates, this book takes students through each stage of the dissertation and offers useful guidance on structure and content.

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April 2022 : 146pp  
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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**

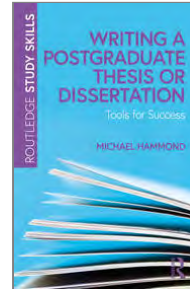
This fully updated edition is the guide for non-native speakers writing a thesis or dissertation in English. It explicitly unpacks academic writing, using accessible language and practical examples and discusses the issues that are crucial to success. These include: understanding the setting and purpose, 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.

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Tools for Success



**Michael Hammond**

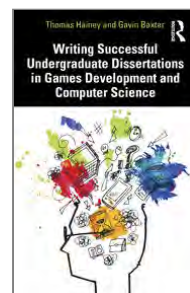
Series: *Routledge Study Skills*

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**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.

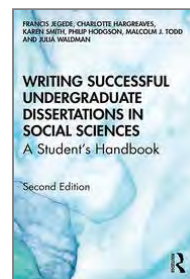
Routledge  
November 2022 : 304pp  
Pb: 978-0-367-51708-3 : **£23.99**  
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2ND EDITION

## Writing Successful Undergraduate Dissertations in Social Sciences

A Student's Handbook



**Francis Jegede, Charlotte Hargreaves, Karen Smith, Philip Hodgson, Malcolm Todd, Julia Waldman**

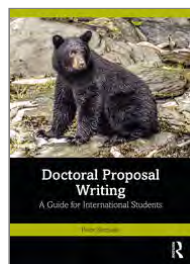
A practical guide for students undertaking their dissertation, this book uses real examples of dissertations across the Social Sciences. Providing an accessible overview of the essential steps in conducting research and writing dissertations, each chapter has clear learning outcomes and research objectives 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.

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February 2020 : 240pp  
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## Doctoral Proposal Writing

A Guide for International Students



**Peter Samuels** Uni of Wolverhampton Busnss Schl

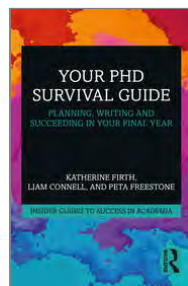
This book is an essential guide for current and prospective international doctoral students wishing to apply and study for a PhD in the UK, and other countries where courses are conducted in English. The book supports students in choosing a suitable research topic and writing an effective proposal for 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.

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October 2024 : 138pp  
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**Katherine Firth** University of Melbourne, Australia, **Liam Connell**, **Peta Freestone**

*Series: Insider Guides to Success in Academia*

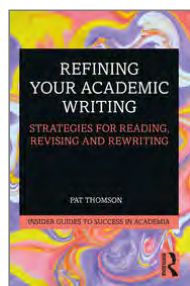
Accessible, insightful and a must-have toolkit for all doctoral students, the founders of the 'Thesis Boot Camp' intensive writing programme show how to survive and thrive through the challenging final year of writing and submitting a thesis. Drawing on an understanding of the intellectual, professional, 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*

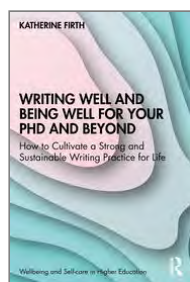
This book will help you complete your writing project and provides a reading, revising, and rewriting repertoire that you can adapt and add to. It offers ways to think about revision and a basic tool kit which will help you to identify what needs your attention and why. This accessible book draws on 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**  
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eBook: 978-1-003-03168-0

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## 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

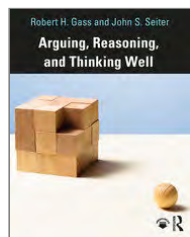
*Series: Wellbeing and Self-care in Higher Education*

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

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## 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.

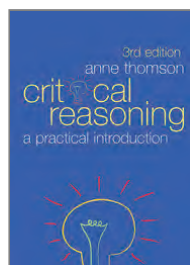
Routledge  
June 2019 : 280pp  
Pb: 978-0-815-37433-6 : **£86.99**  
Hb: 978-0-815-37432-9 : **£175**  
eBook: 978-1-351-24249-3

\* 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**

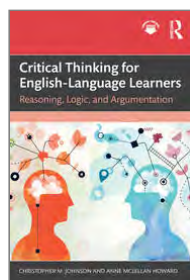
We all engage in the process of reasoning, but we don't always pay attention to whether we are doing it well. This book offers the opportunity to practise reasoning in a clear-headed and critical way, with the aims of developing an awareness of the importance of reasoning well and of improving the reader's 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.

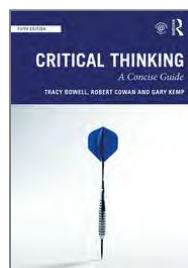
Routledge  
February 2025 : 248pp  
Pb: 978-1-032-75247-1 : **£41.99**  
Hb: 978-1-032-75248-8 : **£155**  
eBook: 978-1-003-47307-7

\* 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

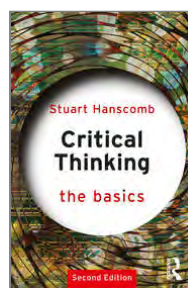
We are frequently confronted with arguments. Critical Thinking equips students with the concepts and techniques used in the analysis and assessment of arguments whatever the context. Through precise and accessible discussion, this book provides the tools to become a successful critical thinker, who can 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

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

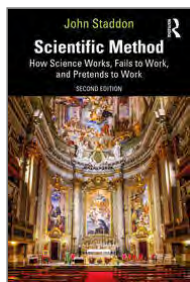
Routledge  
April 2024 : 378pp  
Pb: 978-1-032-29096-6 : **£45.99**  
Hb: 978-1-032-29097-3 : **£185**  
eBook: 978-1-003-30000-7

\* 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



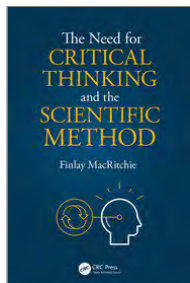
**John Staddon** Duke University, USA

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.

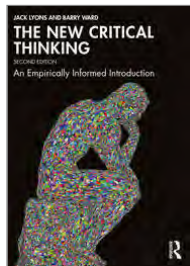
CRC Press  
May 2018 : 152pp  
Pb: 978-0-815-36775-8 : **£48.99**  
Hb: 978-0-815-36815-1 : **£160**  
eBook: 978-1-351-25587-5

\* 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.

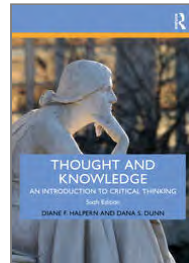
Routledge  
December 2018 : 176pp  
Pb: 978-0-367-00020-2 : **£40.99**  
Hb: 978-0-367-00019-6 : **£155**  
eBook: 978-0-429-44496-8

\* 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.

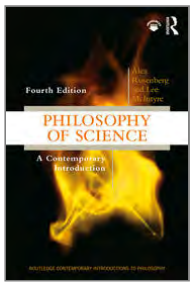
Routledge  
October 2022 : 428pp  
Pb: 978-1-138-65517-1 : **£69.99**  
Hb: 978-1-138-65516-4 : **£220**  
eBook: 978-1-032-32316-9 : **£61.99**

\* 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*

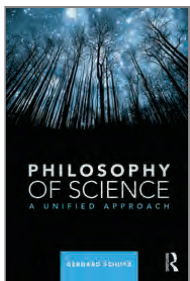
Any serious student attempting to better understand the nature, methods, and justification of science will value this book. Weaving lucid explanations with clear analyses, the volume is as a much-used, thematically-oriented introduction to the field. The new edition has been thoroughly rewritten based 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

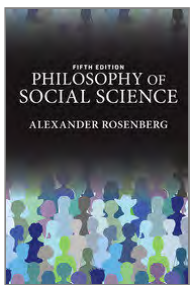
**Gerhard Schurz** Dusseldorf University, Germany,  
**Gerhard Schurz**

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.

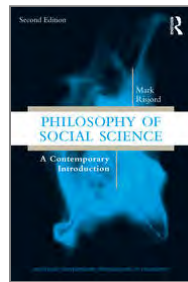
Routledge  
July 2015 : 360pp  
Pb: 978-0-813-34973-2 : **£49.99**  
Hb: 978-0-367-09807-0 : **£155**  
eBook: 978-0-429-49484-0

\* 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

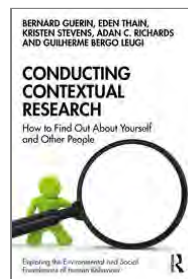
This accessible book offers a detailed guide to a wide range of methodological concepts, both those of a more philosophical kind and those that are more technical in character: from constructionism to critical realism, regression analysis to grounded theory, odds ratios to triangulation. Providing clear 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)

## 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)

## 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**

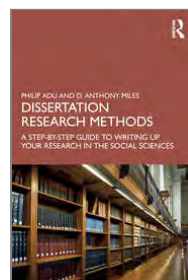
Research methods in a comic! This visual guide to common research methods paradigms will get you started on thinking about your research journey - what research is and understanding different types of methods, how you choose them, and how you get started. The book includes several worksheets to start 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)

## 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)

## 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)

## 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**

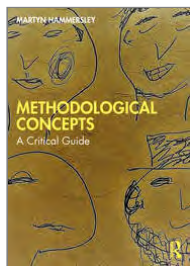
Graduate students executing their first independent research project often struggle to use academic literature effectively in the process of designing, developing, executing, and presenting their work. This book gives an overview of how to develop an effective research practice supported by the academic 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

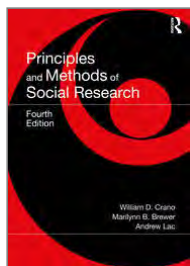
Methodological Concepts: A Critical Guide clarifies many key terms and issues in social research methodology. It outlines the conventional meanings of these terms, but also addresses their contentious character. The aim is to offer interpretations of them that provide a coherent conception of the nature 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,  
**Marilynn 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*

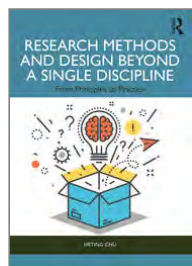
This invaluable resource provides a comprehensive overview of the many methods and methodologies of social research. Each entry provides a critical definition and examines the value and difficulties of a particular method or methodology of concept across different fields of social research. With thematic 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.

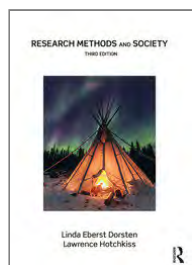
Routledge  
April 2024 : 360pp  
Pb: 978-0-367-89885-4 : **£61.99**  
Hb: 978-0-367-89883-0 : **£155**  
eBook: 978-1-003-02171-1

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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.

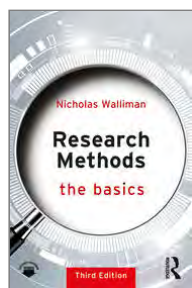
Routledge  
December 2018 : 410pp  
Pb: 978-0-815-36615-7 : **£96.99**  
Hb: 978-0-815-36616-4 : **£245**  
eBook: 978-1-351-25981-1

\* 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

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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

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## 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**

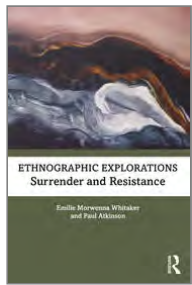
Hb: 978-0-367-55117-9 : **£255**

eBook: 978-1-003-09204-9

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## 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.

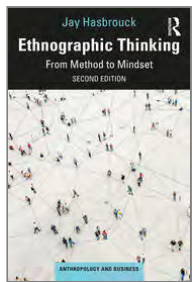
Routledge India  
June 2023 : 282pp  
Pb: 978-1-032-49233-9 : **£40.99**  
Hb: 978-1-032-48008-4 : **£155**  
eBook: 978-1-003-39277-4

\* 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.

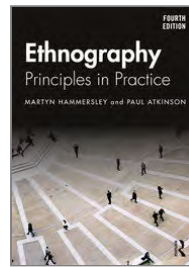
Routledge  
April 2024 : 156pp  
Pb: 978-1-032-46309-4 : **£40.99**  
Hb: 978-1-032-46308-7 : **£155**  
eBook: 978-1-003-38107-5

\* 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

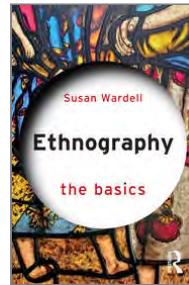
This edition has been expertly updated to reflect the important developments in digital and mobile technologies and social media. The ease with which recordings, audio or video, as well as photographs, can be produced via the use of mobile devices has opened up new tools and foci for ethnographers.

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*

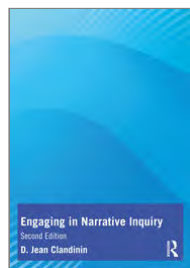
*Ethnography: The Basics* introduces a broad and beginner audience to ethnography, as a research methodology with diverse applications. By using everyday language, and developing a warm and inclusive tone, the book provides an accessible entry point to the topic.

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

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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

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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

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## 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

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2ND EDITION

## Thinking with Theory in Qualitative Research



**Alecia Y. Jackson** Appalachian State University, USA,  
**Lisa A. Mazzei** University of Oregon, USA

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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

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## Transformative Moments in Qualitative Research

Method, Theory, and Reflection



**Anna Cohen-Miller**

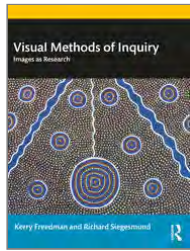
This groundbreaking book, eloquently fuses powerful stories of research with methodological insight and theory. Each chapter offers a clear, practical, and engaging exploration of qualitative inquiry, emphasizing the power of research to foster equity, inclusion, and justice-centered practice (e.g., 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**  
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## 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

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2ND EDITION

## Design Methods and Practices for Research of Project Management



Edited by **Beverly Pasian, Rodney Turner**

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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)

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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

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3RD EDITION

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**Levent Altinay** 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



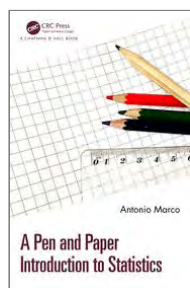
Edited by **Pantea Foroudi, Charles Dennis** Middlesex Business School, UK

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.

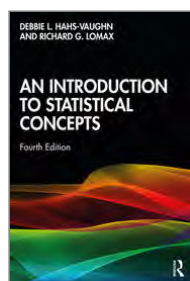
This book proposes to reverse the way statistics is taught, by starting with the introduction of linear models. The reader will have the opportunity to work through the examples and compute sums of squares by just drawing and counting, and finally evaluating whether observed differences are statistically 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

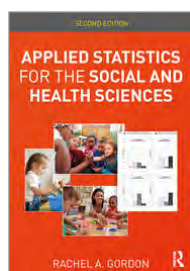
This comprehensive, flexible text is used in both one- and two-semester courses to review introductory through intermediate statistics. Instructors select the topics that are most appropriate for their course. Its conceptual approach helps students more easily understand the concepts and interpret SPSS 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.

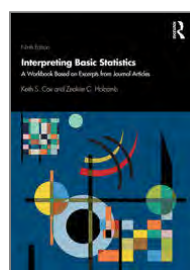
Routledge  
July 2023 : 800pp  
Pb: 978-1-032-32344-2 : **£46.99**  
Hb: 978-1-032-32343-5 : **£155**  
eBook: 978-1-003-31453-0

\* 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

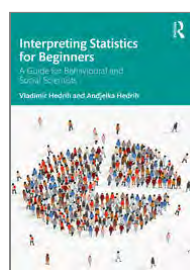
Interpreting Basic Statistics gives students valuable practice in interpreting statistical reporting as it actually appears in peer-reviewed journals. The questions in each exercise are divided into two parts: (1) Factual Questions and (2) Questions for Discussion. The factual questions require careful 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.

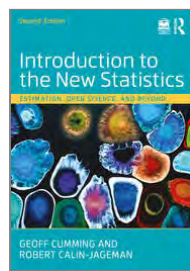
Routledge  
February 2022 : 204pp  
Pb: 978-0-367-61852-0 : **£39.99**  
Hb: 978-0-367-62051-6 : **£155**  
eBook: 978-1-003-10771-2

\* 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.

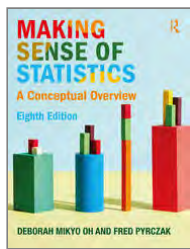
Routledge  
March 2024 : 610pp  
Pb: 978-0-367-53150-8 : **£72.99**  
Hb: 978-0-367-53149-2 : **£225**  
eBook: 978-1-032-68947-0

\* 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.

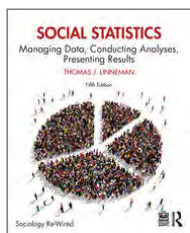
Routledge  
January 2025 : 834pp  
Pb: 978-1-032-89728-8 : **£80.99**  
Hb: 978-1-032-59210-7 : **£155**  
eBook: 978-1-003-45355-0

\* 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.

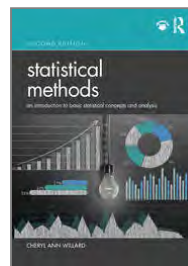
Routledge  
August 2025 : 668pp  
Pb: 978-1-032-49035-9 : **£105**  
Hb: 978-1-032-49037-3 : **£155**  
eBook: 978-1-003-39196-8

\* 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.

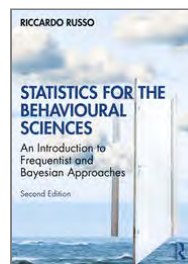
Routledge  
October 2024 : 356pp  
Pb: 978-0-367-36635-3 : **£39.99**  
Hb: 978-0-367-36638-4 : **£145**  
eBook: 978-0-429-35326-0

\* 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**

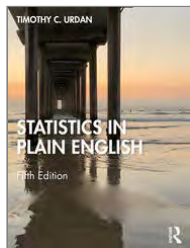
This accessible textbook is for those without a mathematical background (just some notions of basic algebra are sufficient) and provides a comprehensive introduction to all topics covered in introductory behavioural science statistics courses. This timely and highly readable text will be invaluable to 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**

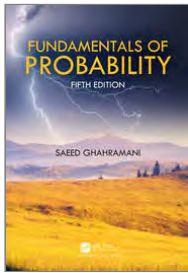
Hb: 978-0-367-34282-1 : **£195**

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

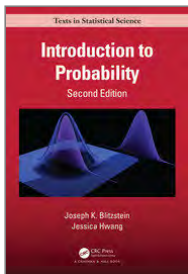
This one- or two-term calculus-based basic probability text is written for majors in mathematics, physical sciences, engineering, statistics, actuarial science, business and finance, operations research, and computer science. It presents probability in a natural way: through interesting and instructive 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.

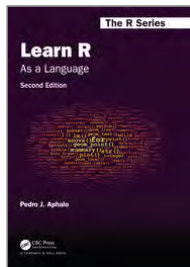
Chapman & Hall  
February 2019 : 634pp  
Hb: 978-1-138-36991-7 : **£76.99**  
eBook: 978-0-429-42835-7

\* 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

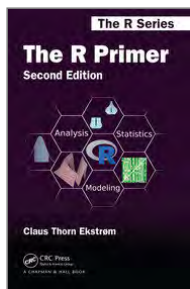
The new edition of this innovative book, prepares the readers to quickly analyse data and interpret statistical results using R. Professor Gerbing has developed lessR, which is a ground-breaking method in alleviating the challenges of R programming. The lessR extends R, removing the need for programming. 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 : **£55.99**  
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 Ekström** 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.

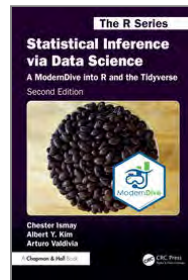
Chapman & Hall  
March 2017 : 426pp  
Pb: 978-1-138-63197-7 : **£59.99**  
Hb: 978-1-498-77255-6 : **£125**  
eBook: 978-1-315-15441-1

\* 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*

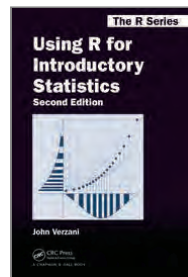
Offers a comprehensive guide to learning statistical inference with data science tools widely used in industry, academia, and government. Ideal for those new to statistics or looking to deepen their knowledge, this edition provides a clear entry point into data science and modern statistical methods.

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

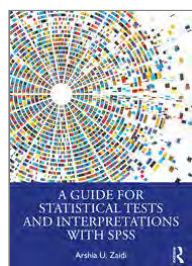
*Series: Chapman & Hall/CRC The R Series*

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.

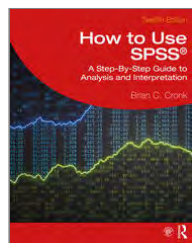
Routledge  
October 2024 : 244pp  
Pb: 978-1-032-10210-8 : **£48.99**  
Hb: 978-1-032-10520-8 : **£140**  
eBook: 978-1-003-21569-1

\* 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.

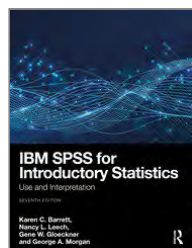
Routledge  
January 2024 : 252pp  
Pb: 978-1-032-58235-1 : **£65.99**  
Hb: 978-1-032-58519-2 : **£155**  
eBook: 978-1-003-45046-7

\* 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.

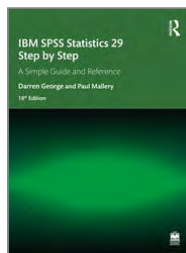
Routledge  
September 2025 : 258pp  
Pb: 978-1-032-41030-2 : **£47.99**  
Hb: 978-1-032-41031-9 : **£155**  
eBook: 978-1-003-35590-8

\* 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**

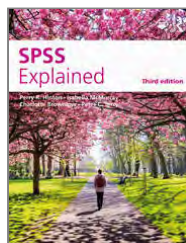
IBM SPSS Statistics 29 Step by Step: A Simple Guide and Reference, eighteenth edition, takes a straightforward, step-by-step approach that makes SPSS software clear to beginners and experienced researchers alike. Accompanied by updated online instructor's materials and website data files, this is an 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.

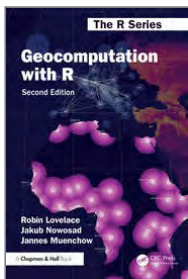
Geocomputation with Python is a sister project of Geocomputation with R (Lovelace, Nowosad, and Muenchow 2019), a book on geographic data analysis, visualization, and modeling using the R programming language that has numerous contributors and an active community.

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 gdalcubes. The book equips you with the knowledge and skills to tackle a wide range of issues.

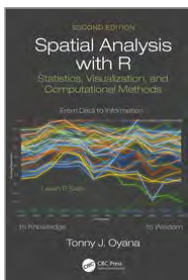
Chapman & Hall  
May 2025 : 420pp  
Pb: 978-1-032-24888-2 : **£58.99**  
Hb: 978-1-032-22979-9 : **£160**  
eBook: 978-1-003-28056-9

\* 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**

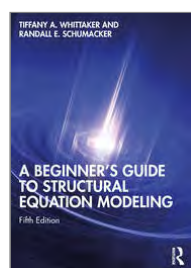
The implementation of new tools and methods for spatial analysis using R, the use and growth of artificial intelligence, machine learning and deep learning algorithms with a spatial perspective, and the interdisciplinary use of spatial analysis are all new topics in this second edition. The book provides 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.

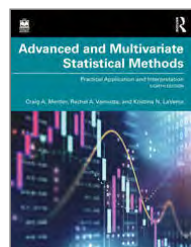
Routledge  
May 2022 : 418pp  
Pb: 978-0-367-47796-7 : **£76.99**  
Hb: 978-0-367-49015-7 : **£155**  
eBook: 978-1-003-04401-7

\* 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. LaVenía** 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

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## 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.

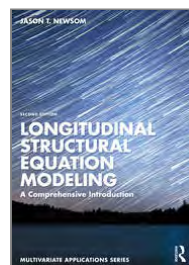
Routledge  
July 2022 : 266pp  
Pb: 978-1-032-17132-6 : **£55.99**  
Hb: 978-1-032-18030-4 : **£155**  
eBook: 978-1-003-25255-9

\* 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 N. 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 GENLINMIXED) 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.

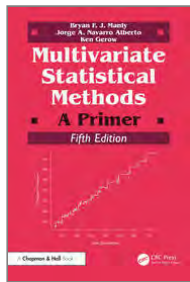
Routledge  
April 2022 : 494pp  
Pb: 978-0-367-42461-9 : **£52.99**  
Hb: 978-0-367-42460-2 : **£185**  
eBook: 978-0-367-82427-3

\* 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.

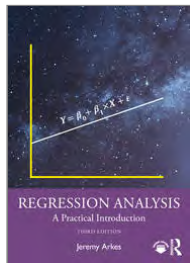
Chapman & Hall  
October 2024 : 294pp  
Pb: 978-1-032-59197-1 : **£55.99**  
Hb: 978-1-032-59200-8 : **£160**  
eBook: 978-1-003-45348-2

\* 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.

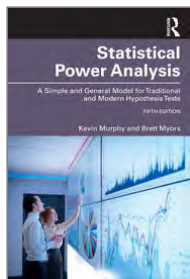
Routledge  
September 2025 : 524pp  
Pb: 978-1-041-00259-8 : **£41.99**  
Hb: 978-1-041-00260-4 : **£130**  
eBook: 978-1-003-60894-3

\* 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

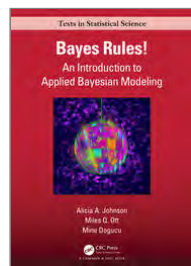
Statistical Power Analysis explains the key concepts in statistical power analysis and illustrates their application in both tests of traditional null hypotheses. It provides readers with the tools to understand and perform power analyses for virtually all the statistical methods used in the social and 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*

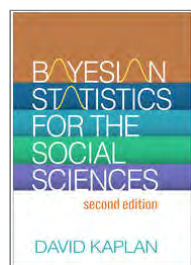
An engaging, sophisticated, and fun introduction to the field of Bayesian Statistics, *Bayes Rules! An Introduction to Bayesian Modeling with R* brings the power of modern Bayesian thinking, modeling, and computing to a broad audience. In particular, it is an ideal resource for advanced undergraduate 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.

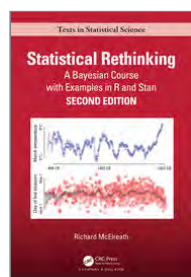
Guilford Press  
December 2023 : 250pp  
Hb: 978-1-462-55354-9 : **£62.99**

\* 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

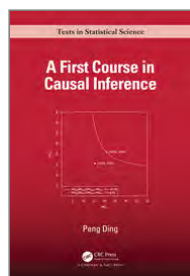
*Series: Chapman & Hall/CRC Texts in Statistical Science*

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



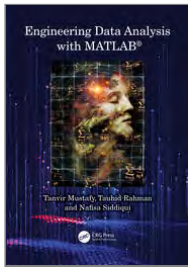
**Nick Huntington-Klein**

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

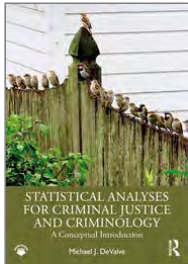
This book provides a concise overview of a variety of techniques for analyzing statistical, scientific, and financial data, using MATLAB® to integrate several approaches to data analysis and statistics. Chapters offer a broad review of computational data analysis, illustrated with many examples and applications. 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. DeValen**

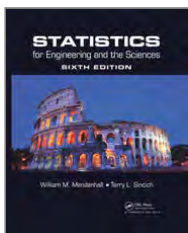
This book is a how-to guide for statistical analyses designed for undergraduates and others new to the subject. Written in an easy-going and clear style, the book uses policing data to illustrate concepts and includes a short narrative at the beginning of each chapter to engage readers. Easily identified 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.

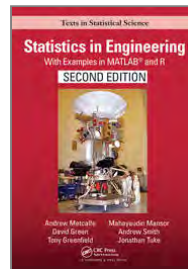
Chapman & Hall  
 December 2015 : 1182pp  
 Hb: 978-1-498-72885-0 : **£94.99**  
 eBook: 978-0-429-07627-5

\* 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.

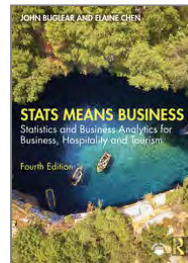
Chapman & Hall  
 June 2020 : 810pp  
 Pb: 978-0-367-57062-0 : **£51.99**  
 Hb: 978-1-439-89547-4 : **£96.99**  
 eBook: 978-1-315-11723-2

\* 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**

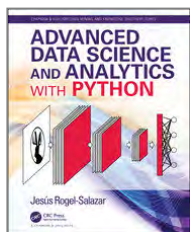
*Series: Chapman & Hall/CRC Data Science Series*

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

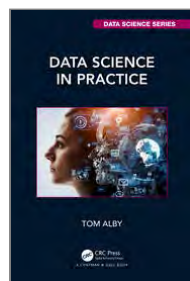
*Series: Chapman & Hall/CRC Data Mining and Knowledge Discovery Series*

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*

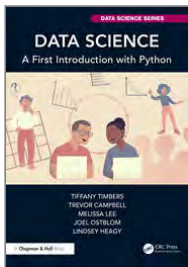
Data Science: A First Introduction focuses on using the R programming language in Jupyter notebooks to perform data manipulation and cleaning, create effective visualizations, and extract insights from data using classification, regression, clustering, and inference. The text emphasizes workflows that 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*

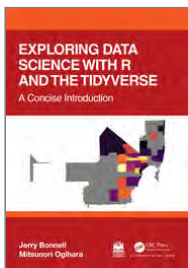
This book focuses on using the Python programming language in Jupyter notebooks to perform data manipulation and cleaning, create effective visualizations, and extract insights from data using classification, regression, clustering, and inference. The text emphasizes workflows that are clear, reproducible, 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.

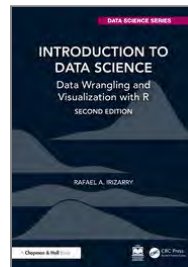
Chapman & Hall  
February 2024 : 496pp  
Pb: 978-1-032-35042-4 : **£77.99**  
Hb: 978-1-032-34674-8 : **£200**  
eBook: 978-1-003-32499-7

\* 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*

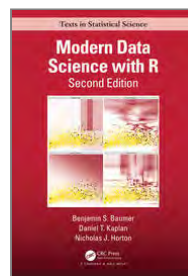
Thoroughly revised and updated, this is the first book of the second edition of Introduction to Data Science: Data Wrangling and Visualization with R. It introduces skills that can help you tackle real-world data analysis challenges. No previous knowledge of R is necessary, although some experience with 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.

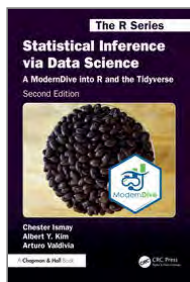
Chapman & Hall  
May 2023 : 402pp  
Pb: 978-0-815-35439-0 : **£57.99**  
Hb: 978-0-815-35447-5 : **£155**  
eBook: 978-1-351-13291-6

\* 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*

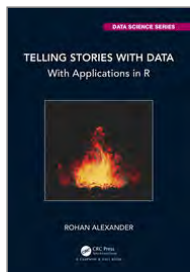
Offers a comprehensive guide to learning statistical inference with data science tools widely used in industry, academia, and government. Ideal for those new to statistics or looking to deepen their knowledge, this edition provides a clear entry point into data science and modern statistical methods.

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**

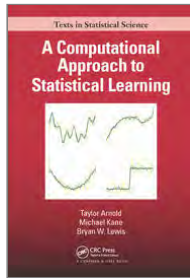
*Series: Chapman & Hall/CRC Data Science Series*

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**

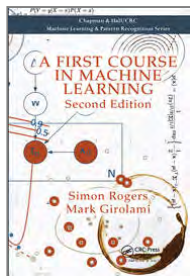
This book synthesizes those techniques from numerical analysis, algorithms, data structures, and optimization theory most commonly employed in statistics and machine learning. We provide concrete applications of these methods by giving complete reference implementations for a large set of the most commonly 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**

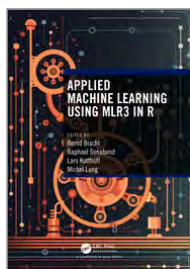
*Series: Chapman & Hall/CRC Machine Learning & Pattern Recognition*

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

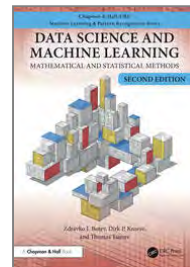
Chapman & Hall  
January 2024 : 356pp  
Pb: 978-1-032-50754-5 : **£67.99**  
Hb: 978-1-032-51567-0 : **£175**  
eBook: 978-1-003-40284-8

\* 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**

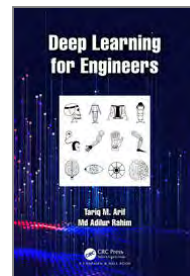
*Series: Chapman & Hall/CRC Machine Learning & Pattern Recognition*

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



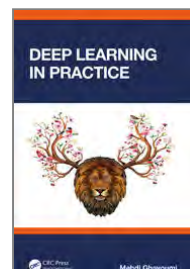
**Tariq M. Arif** Weber State University Ogden, UT, **Md Adilur Rahim** Louisiana State University Baton Rouge, LA

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

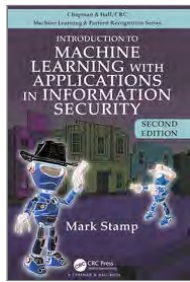
Deep Learning in Practice helps you learn how to develop and optimize a model for your projects using Deep Learning (DL) methods and architectures. This book is useful for undergraduate and graduate students, as well as practitioners in industry and academia. It will serve as a useful reference for learning 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*

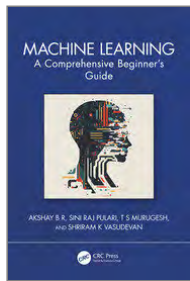
Introduction to Machine Learning with Applications in Information Security, Second Edition provides a classroom-tested introduction to a wide variety of machine learning and deep learning algorithms and techniques, reinforced via realistic applications. The book is accessible and doesn't prove theorems, 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.**  
**K. Vasudevan** Intel India Pvt Ltd., Tamil Nadu

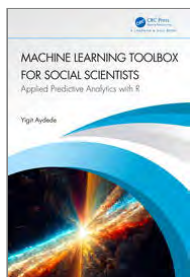
Machine learning is a dynamic and rapidly expanding field focused on creating algorithms that empower computers to recognize patterns, make predictions, and continually enhance performance. Dive into this fascinating field to master machine learning concepts with the step-by-step approach outlined in 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



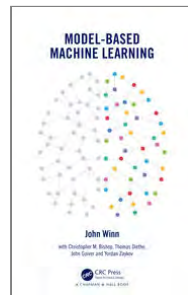
**Yigit Aydede** Professor, Saint Mary's University

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

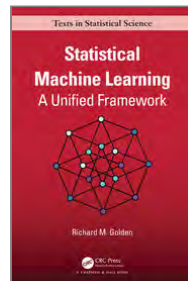
Machine learning is being applied to a growing variety of problems in a variety of domains. A fundamental challenge when using machine learning is connecting the abstract mathematics of a machine learning technique to real world problems. This book tackles this through model-based machine learning, focusing 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*

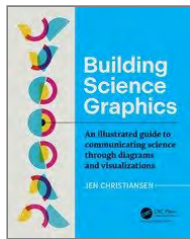
For advanced undergraduate students, graduate students, and professional. Presents a wide range of popular, disparate, and diverse machine learning algorithms within a unified theoretical framework, characterized by a collection of carefully chosen theorems from the fields of nonlinear optimization theory 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*

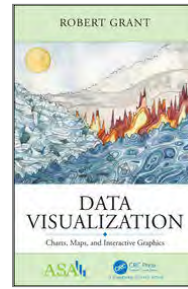
Building Science Graphics is a practical guide for anyone interested in creating science-centric illustrated explanatory diagrams. Starting with a clear introduction to the concept of information graphics and their role in contemporary science communication, it then outlines a process for creating graphics 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)

## 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)

## CHART

Designing Creative Data Visualizations from Charts to Art



**Nadieh Bremer**

*Series: AK Peters Visualization Series*

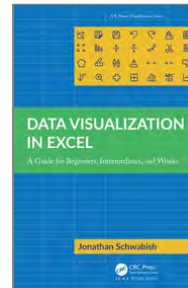
CHART is a guide to unleashing creativity in data visualization. It takes you on a journey along the spectrum from an ordinary chart to data art, packed with ways to bring more creativity into any visualization. It will help to make your visuals more compelling and memorable, long after the numbers have 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 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 Sketches

A journey of imagination, exploration, and beautiful data visualizations



**Nadieh Bremer, Shirley Wu**

*Series: AK Peters Visualization Series*

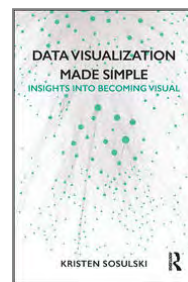
In Data Sketches, Nadieh Bremer and Shirley Wu document the creative and collaborative process behind 24 unique data visualization projects, spanning different topics, technologies, and forms. Features: Technical write-ups with beginner-friendly explanations of core concepts; Practical lessons on data 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 Made Simple

Insights into Becoming Visual



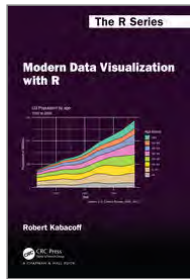
**Kristen Sosulski** New York University, USA

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*

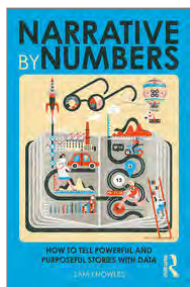
Describes ways that raw and summary data can be turned into visualizations that convey meaningful insights: basic graphs, bar charts, scatter plots, and line charts, and progresses to tree maps, alluvial plots, radar charts, mosaic plots, grouped dot plots, effects plots, multivariate presentations such 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](https://www.routledge.com/9781032287607)

## Narrative by Numbers

How to Tell Powerful and Purposeful Stories with Data



**Sam Knowles**

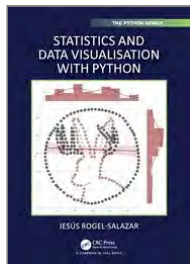
*Series: Using Data Better*

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](https://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 no 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](https://www.routledge.com/9780367744519)

## The Data Storytelling Workbook



**Anna Feigenbaum , Aria Alamalhodaie**

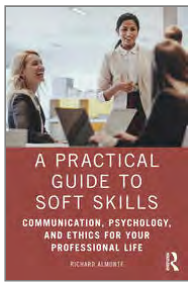
From tracking down information to symbolising human experiences, this book is your guide for telling more effective, empathetic and evidence-based data stories. Wide-ranging and in-depth, this interdisciplinary book is essential for students and researchers in journalism, communication, media, visual 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](https://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.

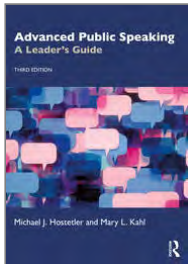
Routledge  
December 2021 : 188pp  
Pb: 978-1-032-07105-3 : **£47.99**  
Hb: 978-1-032-08101-4 : **£160**  
eBook: 978-1-003-21294-2

\* 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**

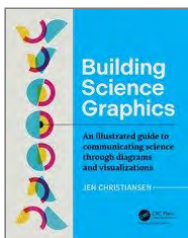
Providing users with the opportunity to increase their speaking abilities across a wide variety of complex and specific contexts, this student-engagement focused and flexible text serves as a core textbook for upper-level undergraduate public speaking courses.

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.

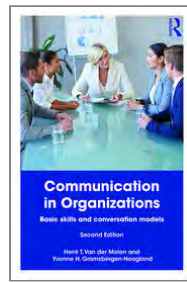
A K Peters/CRC Press  
August 2022 : 357pp  
Pb: 978-1-032-10674-8 : **£44.99**  
Hb: 978-1-032-10940-4 : **£105**  
eBook: 978-1-003-21781-7

\* 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**

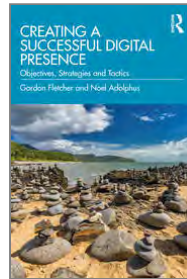
This new edition continues to give clear advice and guidance on communicating in a range of different contexts in the workplace. From handling complaints and breaking bad news to negotiating deals and giving presentations, the book explores the building blocks to effective communication skills, nurturing 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*

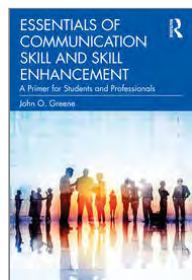
This textbook provides a comprehensive introduction for students and professionals who are studying English for business or workplace communication and covers both spoken and written English. Based on up-to-date research in business communication and incorporating an international range of real-world 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**

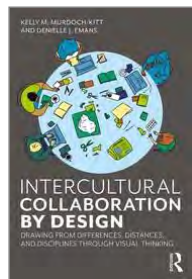
For those who wish to learn or teach the tools of skillful communication, this book provides concrete insight into what makes a person a successful communicator. Predicated on four simple notions—that communication can be done well or poorly, that communication skills matter, that people differ in those 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**

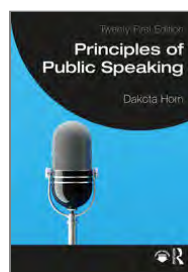
This practical guide introduces students to the language and other skills needed to deliver a presentation in English. Concise and accessible, the guide will be particularly helpful to learners of English. Accompanied by online support material with recordings, the book is an essential guide to delivering 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.

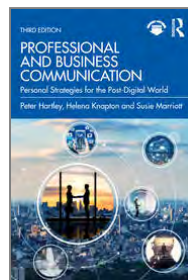
Routledge  
April 2024 : 246pp  
Pb: 978-1-032-53763-4 : **£105**  
Hb: 978-1-032-54052-8 : **£235**  
eBook: 978-1-032-72308-2 : **£96.99**

\* 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.

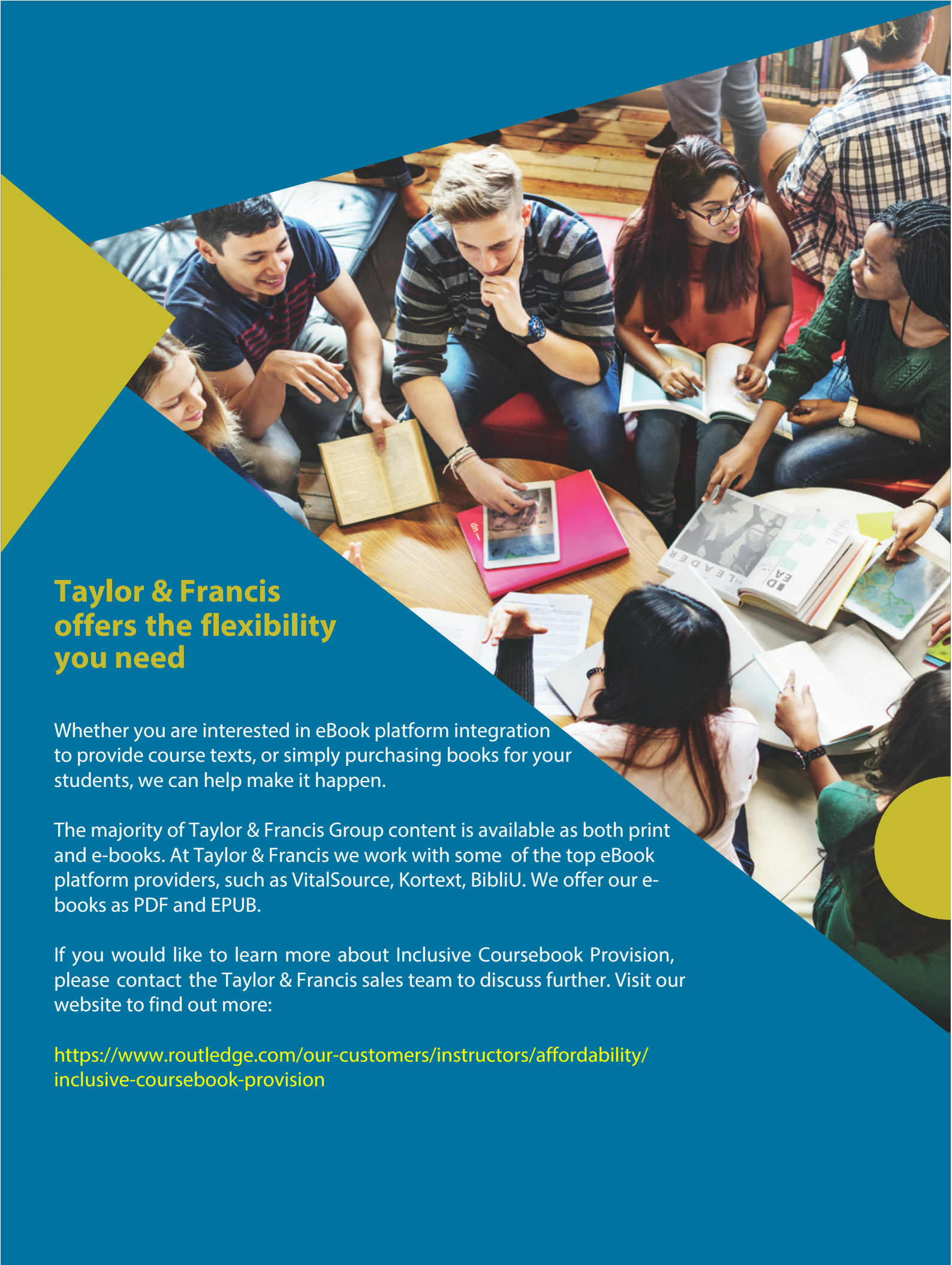
Routledge

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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