

Stylus

Trade, Academic and
Professional Books
Fall 2019



Baseball Prospectus • CABI • Campus Compact • CSIRO
CSREA • Mercury Learning and Information • Myers Education Press
National Resource Center for The First-Year Experience & Students in Transition
River Publishers • Thorogood Publishing • Trentham Books
UCL IOE Press • World Health Organization

Editorial & Marketing:

22883 Quicksilver Drive
Sterling, VA 20166-2012
Tel: 703-661-1504
Fax: 703-661-1547
E-mail: StylusInfo@StylusPub.com

Orders & Customer Service:

PO Box 605
Herndon, VA 20172
Tel: 703-661-1581 / Toll free: 1-800-232-0223
Fax: 703-661-1501
E-mail: StylusMail@PressWarehouse.com

Contents

Bestselling Paperbacks from Stylus and Our Clients	1
General Interest	3
Mercury Learning & Information	4
Higher Education	5
Education	10
Entomology	15
Ornithology	15
Animal & Veterinary Science.....	16
Agriculture & Plant Science	19
Forestry	21
Environment & the Natural World	21
Tourism.....	23
Engineering	24
Computer Science	26
Public Health & Medicine	27

Wholesale & Retail Terms & Policies: Numbers in brackets after prices denote discount. Call us or your rep for discount schedules, returns policy, and details of our Retail Agency Plan. The Plan offers bookstores an attractive discount on virtually our entire list.

Prices and descriptions are subject to change without notice.

Subject Catalogs: We are happy to supply you with single or multiple copies of our subject catalogs. Please contact our Orders & Customer Service department.

Catalogs available:

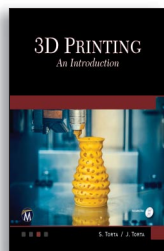
- Animal Science
- Crop & Soil Science
- Entomology
- Forestry
- Higher Education
- Mercury Learning & Information
- Plant Science and Horticulture
- Tourism
- Veterinary Science/ Medicine



Catalog design by egads

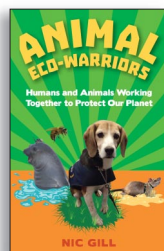
BESTSELLING PAPERBACKS FROM STYLUS AND OUR CLIENTS

BESTSELLING PAPERBACKS



3D Printing

Stephanie Torta & Jonathan Torta
Paper + CD, 978 1 683922 09 4, \$49.95 (\$7)



Animal Eco Warriors

Nic Gill
Paper, 978 1 486306 21 3, \$18.95 (\$3)



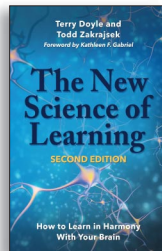
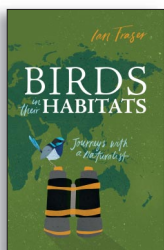
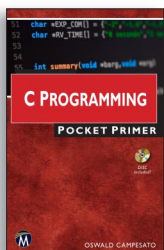
C Programming Pocket Primer

Oswald Campesato
Paper + CD, 978 1 68392 389 3, \$39.95 (\$7)



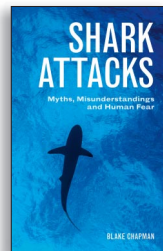
Birds in their Habitats

Ian Fraser
Paper, 978 1 4863 0744 9, \$29.95 (\$3)



The New Science of Learning, 2/E

Terry Doyle & Todd Zakrajsek
Paper, 978 1 62036 657 8, \$19.95 (\$3)



Shark Attacks

Blake Chapman
Paper, 978 1 486307 35 7, \$29.95 (\$3)



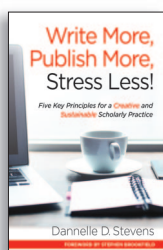
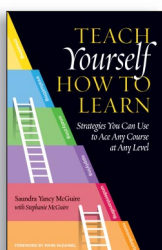
Teach Yourself How to Learn

Sandra Yancy McGuire
Paper, 978 1 62036 756 8, \$19.95 (\$3)



Write More, Publish More, Stress Less!

Dannelle D. Stevens
Paper, 978 1 62036 517 5, \$29.95 (\$3)



From Baseball Prospectus!

Baseball Prospectus 2019

Paper,
978 1 7323555 0 7, \$27.99 (\$7)

Futures Guide

Paper,
978 1 7323555 6 9, \$20.00 (\$7)

All 30 Team Editions!

Paper, \$11.99 (\$7)

Boston Red Sox
978 1 949332 02 5

Chicago Cubs
978 1 949332 34 6

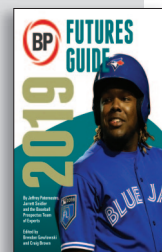
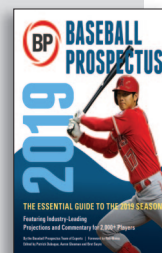
Houston Astros
978 1 949332 10 0

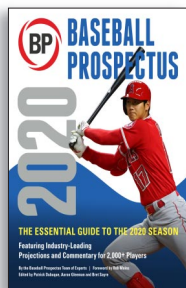
Los Angeles Dodgers
978 1 949332 40 7

New York Mets
978 1 949332 46 9

Seattle Mariners
978 1 949332 22 3

Tampa Bay Rays
978 1 949332 24 7





Baseball Prospectus 2020

Baseball Prospectus

JOIN IN CELEBRATING THE 25TH EDITION OF *THE NEW YORK TIMES* BESTSELLING GUIDE

PLAY BALL! The 25th edition of this industry-leading baseball annual contains all of the important statistics, player predictions and insider-level commentary that readers have come to expect, along with significant improvements to several statistics that were created by, and are exclusive to, *Baseball Prospectus*, and an expanded focus on international players and teams.

Baseball Prospectus 2020 provides fantasy players and insiders alike with prescient PECOTA projections, which *The New York Times* called “the überforecast of every player’s performance.” With more than 50 *Baseball Prospectus* alumni currently working for major-league baseball teams, nearly every organization has sought the advice of current or former BP analysts, and readers of *Baseball Prospectus 2020* will understand why!

March 2019

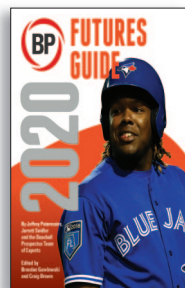
600 pages, 8 ½ x 11

Paper, 978 1 949332 60 5, \$27.99 (\$7)

E-book, 978 1 949332 61 2, \$19.95 (\$9)

Lib E-Book, 978 1 949332 62 9, \$59.95(10)

SPORTS/ BASEBALL



Baseball Prospectus Futures Guide 2020

Baseball Prospectus

FUTURES GUIDE 2020 features:

- Detailed reports on top 10 prospects for every major-league team.
- Condensed reports on many additional key prospects for each team.
- Top talents 25 years old and younger for each team.
- Baseball Prospectus’ 2020 organizational rankings.
- Top 101 real-life and fantasy prospects.
- Top 50 players who entered pro baseball in 2020.
- Essays on prospect hype cycles and what scouting grades mean.

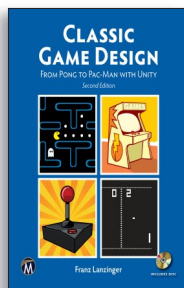
March 2019

400 pages, 8 ½ x 11

Paper, 978 1 7323555 8 3, \$21.99 (\$7)

E-book, 978 1 7323555 9 0, \$21.99 (\$9)

SPORTS/ BASEBALL



Classic Game Design Using Unity

SECOND EDITION

Franz Lanzinger

You too can learn to design and develop classic arcade video games like *Pong*, *Pacman*, and *Space Invaders*. In this book you'll go step by step, using C# and mod-

ern, free software tools such as Unity, Blender, GIMP, and Audacity. All the source code and art sources of the clone versions are freely available on the companion files.

Franz Lanzinger is president and owner of Actual Entertainment Inc. (Sunnyvale CA) and one of the pioneers from the classic game era as programmer and designer of *Crystal Castles*.

June 2019

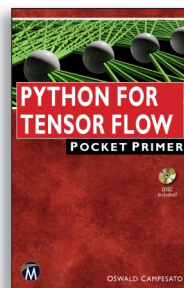
350 pages, 7 x 9

Paperback + DVD, 978 1 68392 385 5, \$59.95 (\$7)

E-book, 978 1 68392 386 2, \$35.95 (\$9)

Library E-Book, 978 1 68392 387 9, \$124.95 (10)

COMPUTERS/ GAME DEVELOPMENT



Python for TensorFlow

Pocket Primer

Oswald Campesato

This book covers basic Python, NumPy, pandas, data visualization, and introductory TensorFlow. It is meant to

provide readers with a foundation in Python-related technologies (and a very short introduction to TensorFlow) to prepare them for machine learning and related topics. Companion files with code samples, figures, etc.

Oswald Campesato (San Francisco, CA) specializes in Java, Android, jQuery, and CSS3/SVG graphics. He is the author/co-author of over twenty books including the *Python Pocket Primer*, the *TensorFlow Pocket Primer*, and *HTML5 for Mobile and Desktop Devices* (Mercury Learning).

June 2019

200 pages, 6 x 9

Paperback, 978 1 68392 361 9, \$34.95 (\$7)

E-book, 978 1 68392 362 6, \$21.95 (\$9)

Library E-Book, 978 1 68392 363 3, \$99.95 (10)

COMPUTERS/ PROGRAMMING

HIGHER EDUCATION

Thrive Online

A New Approach for College Educators

Shannon Riggs

Research shows that online education, when designed and facilitated well, is as effective as traditional campus-based instruction. Despite the evidence, many faculty perceive online education as inferior to traditional instruction and are often quite vocal in their skepticism. Simultaneously, however, more and more students are seeking online courses and degree programs.

Thrive Online: A New Approach for College Educators is an invitation for the rising tide of online educators that are relatively new to teaching online, and also for those more experienced instructors that are increasingly frustrated by the dominant bias against online education.

Readers will find:

- An approach that empowers online educators to thrive professionally using a set of specific agentic behaviors
- Strategies for approaching conversations about online learning in new ways that inform the skeptics and critics
- Strategies that celebrate the additional skills and proficiencies developed by successful online educators
- Guidance for educators who want to feel natural and fluent in the online learning environment
- Guidance for enhancing the user-centered nature of online spaces to create student-centered learning environments

- Encouragement for online educators to pursue leadership opportunities

September 2019

228 pp, 5 in x 7 in, tables & figures

Cloth, 978 1 62036 743 8, \$ 125.00 (\$5)

Paper, 978 1 62036 744 5, \$ 19.95 (\$3)

Lib E-Book, 978 1 62036 745 2, \$ 125.00 (10)

E-Book, 978 1 62036 746 9, \$ 15.99 (\$9)

Stylus

Riggs: Oregon State University

Keep Calm and Call the Dean of Students

A Guide to Understanding the Many Facets of the Dean of Students Role

Edited by Art Munin and Lori S. White

Foreword by Bridget Turner Kelly, Robert D. Kelly

The role of Dean of Students is pivotal: in students' lives; for their institutions as a conduit to senior administration about issues of concern to students; as a figure who can coordinate disparate campus constituencies—from academic affairs and athletics to campus safety and relationships with parents and alums; and as a crisis manager.

What preparation, skills, dispositions, and knowledge do DOSs need to be effective in their role; and, indeed, what areas and range of activities generally fall under their responsibility?

Through chapters by experienced DOSs from early career to veterans, and in between this book provides vivid first-hand accounts of what's involved in managing the multiple roles of the deanship, its immense personal rewards, the positive impact that

practitioners can make in the lives of students, and on campus policy and environment, without glossing over the demands on time and the concomitant stresses. The contributors describe the paths they followed to take on the role, and what they do to keep current.

The dean of students is a challenging role because it is often the one administrator thrust onto the frontlines to meet students not only at their best, but also at their worst. This person is an advocate and educator, disciplinarian and friend, confidant and counselor, and advisor and parent all rolled into one. *Keep Calm and Call the Dean of Students* offers a unique window into this challenging and rewarding position that will appeal to sitting deans; to those seeking this role; and to senior leaders in higher education seeking to appoint a DOS and/or organize a dean of students portfolio of responsibilities.

August 2019

216 pp, 6 in x 9 in

Cloth, 978 1 62036 882 4, \$ 125.00 (\$5)

Paper, 978 1 62036 883 1, \$ 32.50 (\$5)

Lib E-Book, 978 1 62036 884 8, \$ 125.00 (10)

E-Book, 978 1 62036 885 5, \$ 25.99 (\$9)

Stylus

Munin: University of Wisconsin-Oshkosh

White: Washington University in St. Louis

ACADEMIC AND PROFESSIONAL TITLES

The Craft of Community Engaged Teaching & Learning

A Guide for Faculty Development

Marshall Welch & Star Plaxton-Moore

Using a conversational voice, the authors provide a foundation as well as a blueprint and tools to craft a community engaged course. Based on extensive research, the book provides a scope and sequence of information and skills ranging from an introduction to community engagement, to designing, implementing, and assessing a course, to advancing the craft to prepare for promotion and tenure as well as how to become a citizen-scholar and reflective practitioner. An interactive workbook that can be downloaded from Campus Compact accompanies the Tool Kit interactive activities that are interspersed throughout the chapters. The book and workbook can be used by individual readers or with a learning community.

August 2019**288 pp, 6 in x 9 in****Cloth, 978 1 7339028 1 6, \$ 95.00 (\$5)****Paper, 978 1 7339028 0 9, \$ 39.95 (\$5)****Lib E-Book, 978 1 7339028 2 3, \$ 95.00 (10)****E-Book, 978 1 7339028 3 0, \$ 31.99 (\$9)**

Plaxton-Moore: University of San Francisco

The Art of World Learning

Community Engagement for a Sustainable Planet

Richard Slimbach

This is a visionary, consciousness-raising book that asks us to rethink the purposes and design of study away and study abroad experiences in the context of a broadened set of global threats, including climate disruption, soaring inequality, ecosystem breakdown, the dying off of distinct languages and cultural communities, and the threat of a nuclear catastrophe.

As we ask students to truly comprehend this world from the privileged perspective of the global North, Rich Slimbach asks us to consider two fundamental questions: What and how should we learn? And having learned, for what should we use what we know?

A panoply of pedagogies and methods of inquiry – from study away/abroad and service-based learning to diversity programming, environmental education, and community-based research – aim to develop students who both understand the challenges faced by global communities and act in ways that advance their social and environmental health. What temperaments, social habits, and intellectual abilities will they need to help heal their corner of creation? And what pedagogical perspectives, principles, and procedures can best support them in this creative challenge?

Slimbach argues that transforming student consciousness and life choices requires a global learning curriculum that integrates multi-disciplinary inquiry into the

structural causes of problems that riddle the common good, along with mechanisms that bid students to cross borders, to pay attention, and to listen to those unlike themselves.

At its heart, this book proposes a truly transformative approach to community-engaged global learning.

November 2019**240 pp, 6 in x 9 in, 29 illustrations****Cloth, 978 1 579229 65 8, \$ 125.00 (\$5)****Paper, 978 1 579229 66 5, \$ 27.50 (\$5)****Lib E-Book, 978 1 579229 67 2, \$ 125.00 (10)****E-Book, 978 1 579229 68 9, \$ 21.99 (\$9)**

Stylus

Slimbach: AZUSA Pacific University

African Americans in Higher Education

A Critical Study of Social and Philosophical Foundations of Africana Culture

Edited by James L. Conyers, Crystal L. Edwards and Kevin B. Thompson

African Americans in Higher

Education critically examines African Americans in higher education with an emphasis on social and philosophical foundations of Africana culture. The organizational structure of the volume is a critical interdisciplinary study, which examines the collection, interpretation, and analysis of quantitative and qualitative data in the field of higher education. Moreover, the intellectual history of Black education as an interdisciplinary body of knowledge postures unconventional methods of examining

Africana phenomena. To date, there are not any single-authored or edited volumes of essays that attempt to examine the logical and conceptual ideas of the disciplinary matrix of Africana social and philosophical foundations of African Americans in higher education. This project offers an interdisciplinary lens within the matrix of Africana Studies to locate race and communication in place, space, and time; it affords readers a compilation of literary, historical, philosophical, and communicative essays that attempt to describe and evaluate the Black experience from an Afrocentric perspective.

Critical Race Issues in Education

Dec 201

6 in x 9 in

Cloth, 978 1 97550 204 1, \$ 149.95 (\$5)

Paper, 978 1 97550 205 8, \$ 42.95 (\$5)

Lib E-Book, 978 1 97550 206 5, \$ 149.95 (10)

E-Book, 978 1 97550 207 2, \$ 42.95 (\$9)



Conyers: University of Houston

Practical Wisdom for Conducting Research on Service Learning

Pursuing Quality and Purpose

Foreword by Jeffrey Howard

Edited by Julie A. Hatcher, Robert G. Bringle and Thomas W. Hahn

For scholars seeking to undertake consequential research in service-learning and community engagement (SLCE) at a time when there is widening interest in and increasing acceptance of research in this field as a primary area of scholarship, this book provides accounts by preeminent scholars

about the trajectories of their research, their methodologies, lessons learned along the way, as well as their views about the future direction of the field.

The contributors to this volume represent a range of disciplines and fields including education, history, organizational leadership, political science, philanthropic studies, psychology, and public health, as well as both qualitative and quantitative traditions, and offer models of scholarly learning that contribute to a knowledge base that can guide practice and further the broader public purposes of the academy.

They articulate how they view their research on SLCE as having broader purposes that matter to them personally as well as professionally and illustrate how the *why* and—to what end—of their research can evolve as a program of research develops and matures across time. They identify key choices they made in terms of inquiry and methodology, describe both successes and challenges in establishing and navigating a SLCE research agenda across their careers, and share lessons learned from their research journey to advance the field both domestically and abroad.

IUPUI Series on Service Learning Research 4

October 2019

300 pp, 6 in x 9 in

Cloth, 978 1 62036 467 3, \$ 125.00 (\$5)

Paper, Oct 30, 2019, 978 1 62036 468 0, \$ 39.95 (\$5)

Lib E-Book, Oct 30, 2019, 978 1 62036 469 7, \$ 125.00 (10)

E-Book, Oct 30, 2019, 978 1 62036 470 3, \$ 31.99 (\$9)

Stylus

Hatcher: Indiana University Purdue University Indianapolis

Bringle: Indiana University Purdue University Indianapolis

Hahn: Indiana University Purdue University Indianapolis

Creating Space for Democracy

A Primer on Dialogue and Deliberation in Higher Education

Edited by Nicholas V. Longo and Timothy J. Shaffer

We live in divisive and polarizing times, often remaining in comfortable social bubbles and experiencing few genuine interactions with people who are different or with whom we disagree. Stepping out and turning to one another is difficult but necessary. For our democracy to thrive at a time when we face wicked social and public issues that involve tough trade-offs it is vital that all citizens participate fully in the process. We need to learn to listen, think, and act with others to solve public problems. This collaborative task begins with creating space for democracy. This book provides a guide for doing so on campus through deliberation and dialogue.

At the most basic level, dialogue is not about trying to win an argument (the realm of debate) but rather a collaborative and relational process to engage with others and co-create meaning. Specifically, deliberation is a process in which a diverse group of people moves toward making a collective decision on a difficult public issue.

This primer offers a blueprint for achieving the civic mission of higher

(continued overleaf)

ACADEMIC AND PROFESSIONAL TITLES

education by incorporating dialogue and deliberation into learning at colleges and universities. It opens by providing a conceptual framework, with leading voices in the dialogue and deliberation field providing insights on issues pertinent to college campuses, from free speech and academic freedom to neutrality and the role of deliberation in civic engagement. Subsequent sections describe a diverse range of methods and approaches used by several organizations that pioneered and developed and sustained deliberative practices; outline some of the many ways in which educators and institutions are using dialogue and deliberation in curricular, co-curricular, and community spaces; concluding by offerings three cases of deliberative practices in venues such as student centers, academic libraries, and residence halls. A resource section provides readers with a starting point for conceptualizing and implementing their own deliberation and dialogue initiatives.

October 2019

300pp, 6 in x 9 in, 3 figs., 1 table

Cloth, 978-1-62036-926-5, \$125.00 (\$5)

Paper, 978-1-62036-927-2, \$35.00 (\$5)

Library E-book, 978-1-62036-928-9, \$125.00 (10)

E-book, 978-1-62036-929-6, \$27.99 (\$9)

Stylus

Longo: Providence College

Shaffer: Kansas State University

Reframing Space for Learning

Excellence and innovation in university teaching

Edited by Tim Bilham, Claire Hamshire, Mary Hartog and Martina A. Doolan

The concept, use and experiences of "space" in higher education have a deep influence on students and teachers. *Reframing Space for Learning* uniquely explores space as both a "learning place" that may be physical, virtual, in work or in the field, and a "belonging space" in which learners and teachers can engage and develop individually and collectively. Featuring the work of 40 experienced university teachers, most of whom are UK National Teaching Fellows, the book describes and analyzes innovative ways of using place and space for learning in a range of disciplines in higher education. In so doing, it provides practical ideas, solutions and inspiration for practitioners responsible for delivering learning in spaces within and outside universities, nationally and internationally, for undergraduates, postgraduates, adult learners and staff.

August 2019

232 pp, 6 in x 9 in

Paper, 978 1 78277 246 0, \$ 37.95 (\$5)

IOE Press

Making Learning-Centered Teaching Work

Practical Strategies for Implementation

Phyllis Blumberg

This book is an easy to follow, how-to-guide for faculty to achieve learning-centered teaching, and also provides readers with increased knowledge about this evidence-based approach to teaching. It will provide specific guidance on how to begin, and how to use the change process gradually to improve teaching. After reading this proposed book, faculty will be able to apply learning-centered teaching in their courses without sacrificing content and rigor. Faculty will be able to explain to students why they are using this approach and how it will foster deep and long-lasting student learning.

This is a reworking of the author's 2009 Jossey-Bass book, called *Developing Learner-Centered Teaching: A Practical Guide for Faculty*, which sold over 7,800 copies from 2009 to 2017. This new version is revised and expanded in ways that will make it even more useful to faculty than the original. The author is active in the POD Network, and frequently presents at Lilly Bethesda.

September 2019

240 pp, 8.5 in x 11 in, 102

Cloth, 978 1 62036 894 7, \$ 125.00 (\$5)

Paper, 978 1 62036 895 4, \$ 37.50 (\$5)

Lib E-Book, 978 1 62036 896 1, \$ 125.00 (10)

E-Book, 978 1 62036 897 8, \$ 29.99 (\$9)

Stylus

Blumber: University of the Sciences (Philadelphia, PA)

Breaking Free

The Life and Times of Peter McLaren,
Radical Educator

Peter McLaren

Illustrated by Miles Wilson

From Myers Education Press—the publisher who brought you such titles as *A School with a View*, *Childhoods*, and *Student Activism in the Academy*—comes a story or rather, a series of stories that are as out of this world as its protagonist. Long before he became a renowned Critical Studies professor at Chapman University, Peter McLaren was just another Toronto native trying to survive in a conservative working-class family. His father fought in WWII while his mother put food on the table, but—like his father—Peter was caught in his own battles dodging abusive teachers and navigating through an academic roller-coaster. Sure, his home life may be ripped from a 50s sitcom on the surface, his background and the rest of his life from that point on was far from one, or maybe it was. This book chronicles Peter's cross-country climb up the educational ladder as a teacher steeped in the school system, his encounters with various key players in history from the Black Panthers to Timothy Leary, and everything else in between.

Now Available

120 pp, 7 in x 10 in, illus

Paper, 978 1 97550 169 3, \$ 29.95 (\$5)

E-Book, 978 1 97550 171 6, \$ 29.95 (\$9)

**MOOC Courses and the Future of Higher Education**

A New Pedagogical Framework

José Gómez-Galán, Antonio H. Martín Padilla, César Bernal Bravo and Eloy López Meneses

MOOC (Massive Open Online Courses) courses are based on the principles of massive, free access to all materials and resources offered online. This new didactic path can be constituted in an innovative techno-social tendency, especially oriented in the panorama of Higher Education, to stimulate university improvement, to open opportunities at the same time for education and training, and, to shift universities towards a new business model. In addition to being an entry point for the popularization of science and knowledge, the future possibilities are enormous and are being studied in all their various dimensions. Many initiatives as a result have been developed to implement this new form of education.

MOOC Courses and the Future of Higher Education presents the latest research theories and current examples of MOOC courses practices in Higher Education. The chapters represent an extensive assortment of interpretations and practice examples of MOOC courses, across areas as varied as teaching methodologies, instructional innovations, educational technology, etc. This work is structured in three sections, the first one covers the university institution in the knowledge society, the second analyzes the MOOC training proposals, and the third discusses the future role of MOOCs.

Now Available

200 pp, 6 in x 9 in

Cloth, 978 8 77022 062 0, \$ 100.00 (\$6)

Lib E-Book, 978 8 77022 061 3, \$ 75.00 (10)

**Trends in Assessment**

Ideas, Opportunities, and Issues for
Higher Education

Edited by Stephen P. Hundley and Susan Kahn

The book provides readers with the information, strategies, and resources on assessment concepts and approaches that have endured and matured over the past twenty-five years, along with emerging and future assessment ideas and opportunities in a host of specific areas. A unique feature of this book is the diverse array of assessment trends in these special emphasis chapters, each authored by acknowledged experts in the corresponding field:

- Community Engagement Assessment Trends
- ePortfolio Assessment Trends
- Faculty Development Assessment Trends
- Global Learning Assessment Trends
- Assessment Trends in Graduate and Professional Education
- Assessment Trends in High Impact Practices
- Assessment Trends for Learning Improvement and Innovation
- Assessment Trends from NILOA
- STEM Education Assessment Trends
- Assessment Trends in Student Affairs Programs and Services

(continued overleaf)

October 2019**6 in x 9 in****Cloth, 978 1 64267 092 9, \$ 125.00 (\$5)****Paper, 978 1 64267 093 6, \$ 32.50 (\$5)****Lib E-Book, 978 1 64267 094 3, \$ 125.00 (10)****E-Book, 978 1 64267 095 0, \$ 25.99 (\$9)****Stylus****Hundley: Indiana University Purdue University Indianapolis****Kahn: Indiana University Purdue University Indianapolis**

We are the Leaders We've Been Waiting For

Women and Leadership Development in College

Julie E. Owen**Foreword by Susan R. Komives**

This text speaks to the changing context of today's women students' experiences, recognizing that their work life goals may go beyond climbing the corporate ladder to include social innovation and entrepreneurial goals, policy and politics, and social activism.

This book is a product of multiple collaborations and intellectual contributions of a diverse group of undergraduate and graduate women who helped shape the course on which it is based. They provided research support, critical readings, as well as the diverse narratives that are included throughout the book, not as an ideal for readers to aspire to but as an authentic expression of how their distinct and sometimes non-conforming lived experiences shaped their understandings of leadership. It goes beyond hero/she-ro person-centered approaches to get at the

complex and intrapersonal nature of leadership. It also situates intersectional identities, critical consciousness, and student development theory as important lenses throughout the text.

Recognizing that there are many possible manifestations of leadership or gender, this text encourages students to embrace the contradictions rather than engaging in dualistic, black-and-white thinking, challenging them to address such questions as, should women "lean in" and work harder to achieve their own leadership goals, or should they focus bigger systemic issues to create equity in the workplace?

Each chapter concludes with a brief chapter review, a narrative from a current college student, and critical reflection questions.

December 2019**228 pp, 6 in x 9 in****Cloth, 978-1-64267-008-0, \$125.00 (\$5)****Paper, 978-1-64267-009-7, \$29.95 (\$5)****Library E-Book, 978-1-64267-010-3, \$125.00 (10)****E-Book, 978-1-64267-011-0, \$23.99 (\$9)****Stylus****Owen: George Mason University**

We are the Leaders We've Been Waiting For

Facilitator's Guide

Edited by Jennifer M. Pigza, Julie E. Owen, and Associates

Beginning by focusing on special considerations for facilitating women's leadership learning and development, including guidance on the role of narrative and auto-ethnography in leadership learning,

this guide present 3-4 learning modules for ideas and themes covered in each chapter of the accompanying textbook. Each module includes learning objectives, key terminology, detailed instructions, and ideas for adapting learning to online spaces.

December 2019**156pp, 6 in x 9 in****Cloth, 978-1-64267-012-7, \$125.00 (\$5)****Paper, 978-1-64267-013-4, \$35.00 (\$5)****Library E-Book, 978-1-64267-014-1, \$125.00 (10)****E-Book, 978-1-64267-015-8, \$27.99 (\$9)****Stylus****Pigza: St. Mary's College, California
Owen: George Mason University**

EDUCATION

A Paradise to Regain

Post-Obama Insights from Women Educators of the Black Diaspora

Edited by Immaculée Harushimana, Mary Alfred and R. Deborah Davis

A Paradise to Regain: Post-Obama Insights from Women Educators of the Black

Diaspora seeks to avert the likelihood of erasure of President Barack Obama's legacy of hope and possibility that every child, regardless of race, faith, and gender affiliation, can dream big and live to see his/her dream turn into reality. As women educators of color, we all agree that the socio-political climate prevailing in the United States of America, since the aftermath of the 2016 election, requires unprecedented agency. The book provides space for Black women educators—African Americans, Naturalized Black Americans, and Foreign-

born Blacks from Africa, the Caribbean Islands and South America (e.g., Guyana)—to have a candid conversation with their young children—sons and daughters, nephews and nieces—about the roadblocks they are likely to face as minority youth of color in their pursuit of greatness and the reminder that they have a role model in President Obama to look up to in moments of extreme frustration and exasperation. Voices of engaged educators of color are indispensable to make sure that children understand that that despite a 360-degree turn from eight consecutive years of a reassuring message that “change had come, that paradise had been gained, into the threatening message of making America white again”, we count on them to regain the paradise.

Now Available

276 pp, 6 in x 9 in

Cloth, 978 1 97550 110 5, \$ 149.95 (\$5)

Paper, 978 1 97550 111 2, \$ 42.95 (\$5)

Lib E-Book, 978 1 97550 112 9, \$ 149.95 (10)

E-Book, 978 1 97550 113 6, \$ 42.95 (\$9)



Harushimana: City University of New York

Alfred: Texas A&M University

Davis: State University of New York at Oswego

Employing Critical Qualitative Inquiry to Mount Nonviolent Resistance

Yvonna S. Lincoln, Gaile S. Cannella
Contributions by M. Francyne Huckaby, Janet L. Miller, Valerie Kinloch

This volume engages researchers with the notion of critical qualitative inquiry (CQI) as a direct practice of resistance. As female educators and researchers who have (through our politically activist sister) been referred to as “Nasty Women” in the US presidential debates, we believe that it is our responsibility to respond through our inquiry to the violent reinscription of intersecting forms of injustice and marginalization. The purposes of this volume are therefore (1) to demonstrate personal actions taken by researchers to deal with thoughts/feelings of despair as well as how to move toward survival, and (2) to explore historical, new, and rethought research and activist methodologies (frameworks) as counter measures broadly and for public education specifically. Examples of CQI as resistance in response to the particular neoliberal patriarchal, whitelash presidential election event are provided by featured authors. Additionally, resources related to activist scholarship are provided. These frameworks, resources, and perspectives are also useful for future research in reaction to neoliberalism, patriarchy, and white supremacy.

Qualitative Inquiry: Critical Ethics, Justice, and Activism

Now Available

215 pp, 6 in x 9 in

Cloth, 978 1 97550 043 6, \$ 149.95 (\$5)

Paper, 978 1 97550 044 3, \$ 42.95 (\$5)

Lib E-Book, 978 1 97550 045 0, \$ 149.95 (10)

E-Book, 978 1 97550 046 7, \$ 42.95 (\$9)



Lincoln: Texas A&M University
Cannella: Texas A&M University

Black Immigrants in North America

Essays on Race, Immigration, Identity, Language, Hip-Hop, Pedagogy, and the Politics of Becoming Black

Awad Ibrahim

Black Immigrants in North America is a collection of cutting-edge essays from renowned scholar Awad Ibrahim. He tackles difficult and challenging topics at a time when the political climate encourages some to engage in “immigrant bashing,” making the publication of this volume more urgent than ever. When dealing with immigration and immigrants, Black immigrants are hardly mentioned, particularly continental Africans. Ibrahim discussed and analyzes subjects ranging from Critical Race Theory to an economy of hospitality to the intersection of race, language, and identity. This book is destined to be a foundational text in a variety of courses dealing with race and immigration.

October 2019

Cloth, 978 1 97550 196 9, \$ 149.95 (\$5)

Paper, 978 1 97550 197 6, \$ 42.95 (\$5)

Lib E-Book, 978 1 97550 198 3, \$ 149.95 (10)

E-Book, 978 1 97550 199 0, \$ 42.95 (\$9)



California Foundations of Education

Diverse from the Start

Jan Noel

California is one of the most important states when it comes to the development of classroom curriculum, yet there is very little literature that looks at its development, leaving state-based pre-service teachers without a resource for studying the phenomenon. *California Foundations of Education* fills that gap. It discusses important questions such as how has the unique diverse social history of California impacted the development of its public schools? Did California have legalized school segregation? Is there anything about the political structure of California that may have an impact on education that is not discussed in traditional texts? How are textbooks selected in California?

The organization of this textbook is structured by the similar topics as traditional textbooks, but approaches every topic by focusing on education in California, and especially how it is impacted by California's diversity. It will serve as an important volume to inspire similar studies in other states, and it will be a vital resource for teachers and future teachers in California in helping them to understand how education in California has developed.

October 2019

Cloth, 978 1 97550 216 4, \$ 149.95 (\$5)

Paper, 978 1 97550 217 1, \$ 42.95 (\$5)

Lib E-Book, 978 1 97550 218 8, \$ 149.95 (10)

E-Book, 978 1 97550 219 5, \$ 42.95 (\$9)



Diversity in Teacher Education

Perspectives on a School-led System

Edited by Nicholas Sorensen

Foreword by Geoff Whitty

The Diversity in Teacher Education (DiTE) research program is the first attempt to chronicle the origins, character and effects of different ways of training teachers in England since the influential Modes of Teacher Education project in the 1990s. Informed by DiTEs large-scale quantitative research and its smaller-scale qualitative studies that reveal the experiences of teachers, teacher educators and program leaders in higher education institutions (HEIs) and schools, the book provides a detailed analysis of growing complexity in the English system of teacher education. In doing so it leads to some clear findings: that responsibility for teacher education has moved away from HEIs, and that greater government involvement has encouraged schools (and groups of schools) to become major players. Meanwhile, beneficial partnerships between HEIs and schools (and between schools) have emerged, although tension and instability can result where all partners are not equal, difficulties that are both created and augmented by the new context of complex provision.

July 2019

192 pp, 6 in x 9 in

Paper, 978 1 78277 252 1, \$ 37.95 (\$5)



IOE Press

Educational Inequality

Closing the Gap

Feyisa Demie

What if disadvantage need not correlate with poor academic achievement? If instead of researching the "underachieving" groups (minorities, children for whom English is not their home language, and children of families in poor socioeconomic circumstances), you look at what works in schools to raise the attainment of all these groups, the results are compelling.

This inspiring book is grounded in Feyisa Demie's meticulous research and analysis of the high expectations and targeted interventions by schools in one poor inner-city local authority. Schools once in special measures are transformed to Outstanding by gifted leadership, effective teachers who mirror the school's intake, and a governing body and community of parents all working towards the same goals. This local authority's schools raise their children's attainment to levels that far surpass the national average in England and allow students to access top universities.

August 2019

172 pp, 6 in x 9 in

Paper, 978 1 85856 879 9, \$ 32.95 (\$5)



Applied Educational Psychology with 16-25 Year Olds

New Frameworks and Perspectives for Working with Young People

Edited by Brian Apter, Christopher Arnold and Julia Hardy

In 2014 the Children and Families Act extended the protection of educational services to include people up to age 25, so since then educational psychologists have worked in post-16 establishments as well as schools. This book presents case studies that illuminate how psychology is applied to enhancing the lives of adolescents and young adults as they grapple with, for example, the ethics of consent, and the management of transitions to adulthood and independent living. It gives a voice to vulnerable students whose aspirations and hopes differ entirely from those of younger children.

Commissioned and compiled by members of the British Psychological Society's Division of Educational and Child Psychology, this timely collection is invaluable for educational psychologists and will interest parents, young people, social workers, teachers, lecturers and administrators in further and higher education.

Now Available
300 pp, 6 in x 9 in
Paper, 978 1 78277 270 5, \$ 42.95 (\$5)



Inclusion and Intersectionality in Visual Arts Education

Edited by Kate Hatton

From within the frame of visual arts education, this collection examines differing and overlapping identities found in higher education. The authors explore expanding relationships of identity-based thinking. They show through their research and work how inclusion debates on race, gender, class and access are extended by adopting intersectional theory. The case studies drawn from visual arts education are applicable to wider education settings and will interest higher education theorists and equality and diversity specialists as well as arts practitioners, gallery educators and the informal arts education sector. This book is partner to *Towards an Inclusive Arts Education* (2015), also edited by Kate Hatton.

Now Available
224 pp, 6 in x 9 in
Paper, 978 1 85856 839 3, \$ 41.95 (\$5)



Learning for a Co-operative World

Education, Social Change and the Co-operative College

Edited by Tom Woodin and Linda Shaw

Learning for a Co-operative World traces the remarkable growth of co-operative education over the decades and critically evaluates its forms today, the implications for formal and informal learning, and its potential for the

future. It considers key elements of co-operative education and learning across the age range and in diverse national and international settings.

Chapters describe models of learning in, by and for co-operatives, based upon the values and principles of the movement, namely: democracy and solidarity, equality and equity, self-help and self-responsibility. Co-operative values and principles have also been applied to over 600 co-operative schools and inform the movement for co-operative higher education. The book celebrates the centenary in 2019 of the Co-operative College, which has played a leading role in the development of co-operative education and is working towards a cooperative university.

July 2019
204 pp, 6 in x 9 in
Paper, 978 1 85856 680 1, \$ 41.95 (\$5)



Manifestos, Policies and Practices

An equalities agenda

Edited by David Scott

Presenting the case for radical policy reform through an analysis of both the 2017 Labour Party Manifesto and contemporary policies of other UK political parties, *Manifestos, Policies and Practices* argues that a left-wing, counter-reactionary political agenda must be founded on a robust notion of equality and be committed to fostering citizens' equality of goods, equality of opportunities and equality of basic capabilities.

(continued overleaf)

ACADEMIC AND PROFESSIONAL TITLES

The book comprises a series of essays on key policy areas, highlighting the values in each that underpin an equalities agenda. This agenda sets itself against five individualistic versions of human beings: self-interest, bureaucratic imperatives, libertarian impulses, non-reflection and normativity. There are alternatives to these five forms of individualism and the book proposes some of them in the form of radical policy commitments for the economy, education, environment, health, taxation, housing, identity, welfare, ecology and gender.

September 2019

280 pp, 6 in x 9 in

Paper, 978 1 78277 285 9, \$ 42.95 (\$5)



Science for All

The struggle to establish school science in England

Edgar Jenkins

The secure position science now occupies in most school curricula has been achieved only after widespread individual, institutional and political debate. In *Science for All*, Edgar Jenkins offers a thoroughly researched account of the long battle to establish school science in England, from its introduction to the classroom in the mid-nineteenth century to the launch of the National Curriculum in 1989. The book addresses the underlying question of what school science is for and reveals when, how and why the answer has changed. It exposes issues relating to the educational function of school science and obstacles to curriculum reform that are of fundamental and international significance.

In so doing, the author offers a unique perspective on current and future developments in primary and secondary school science education.

Now Available

218 pp, 6 in x 9 in

Paper, 978 1 78277 264 4, \$ 41.95 (\$5)



Struggles for Empowerment

Higher Education Stories from East and West

Ambreen Shahriar and Teresa Bruen

Worldwide, access to higher education is still a privilege. This unique volume recounts the experiences of students from two rural provinces—one in Pakistan, one in the Republic of Ireland—who have struggled to undertake graduate studies. Seeking to understand why some are able to persevere with studies against enormous odds, the authors draw on Bourdieu's theories of social and cultural capital, habitus, field and symbolic violence to analyze the students' very personal narratives. Their study reveals that, while these two provinces may appear on the surface to be entirely disparate, profound social and economic inequality in each leads mature students in Sindh and Connaught to experience similar obstacles—although these are surmounted in different ways.

Now Available

154 pp, 6 in x 9 in

Paper, 978 1 85856 896 6, \$ 32.95 (\$5)



Understanding Teacher Beliefs in an Intercultural Context

Chinese as a Foreign Language Teachers in Denmark

Li Wang

The Teaching of Chinese as a Foreign Language (TCFL) is expanding rapidly worldwide, resulting in a substantial increase in the number of Chinese as a Foreign Language (CFL) teachers, which in turn draws greater attention to a variety of global aspects. In Denmark, TCFL is a newly established profession and CFL teachers face numerous challenges when adapting to their intercultural experience.

Using empirical data from 18 CFL teachers in different educational institutions in Denmark, this book explores the dynamics of factors shaping both Chinese and Danish CFL teachers' beliefs in the Danish classrooms, and their belief change during the course of teaching. *Understanding Teacher Beliefs in an Intercultural Context* presents state-of-the-art knowledge of the beliefs and experiences of the different groups of CFL teachers in the Danish context.

This book is useful for professionals, researchers, graduate students who have an interest in education in general, foreign language education and teacher education.

June 2019

200 pp, 6 in x 9 in

Cloth, 978 8 77022 086 6, \$ 110.00 (\$6)

Lib E-Book, 978 8 77022 085 9, \$ 82.50 (10)



ENTOMOLOGY

A Guide to Crickets of Australia**David Rentz and You Ning Su**

Cricket song is a sound of the Australian bush. Even in cities, the rasping calls signify Australia's remarkable cricket biodiversity. Crickets are notable for a variety of reasons. When their population booms, some of these species become agricultural pests and destroy crop pastures. Some introduced species are of biosecurity concern. Other crickets are important food sources for native birds, reptiles and mammals, as well as domestic pets. Soon you might even put them in your cake or stir-fry, as there is a rapidly growing industry for cricket products for human consumption.

Featuring keys, distribution maps, illustrations and detailed color photographs from CSIRO's Australian National Insect Collection, *A Guide to Crickets of Australia* allows readers to reliably identify all 92 described genera and many species from the Grylloidea (true crickets) and Gryllotalpoidea (mole crickets and ant crickets) superfamilies. Not included are the Raspy Crickets (Gryllacrididae), King Crickets (Anostomatidae) or the so-called 'Pygmy Mole Crickets' (Caelifera), which despite their common names are not related to true crickets. Natural history enthusiasts and professionals will find this an essential guide.

Features:

- Comprehensive account of all 92 genera and many species from the Grylloidea (true crickets) and Gryllotalpoidea (mole

crickets and ant crickets) superfamilies.

- Keys, illustrations, detailed color photographs and distribution maps to aid identification.
- Chapters on biology, morphology, collecting crickets and crickets as food.

September 2019**416 pp, 5 in x 8 in, Color photos, illustrations, and maps****Paper, 978 1 48630 506 3, \$ 34.95 (\$5)****The Discovery of a Visual System - The Honeybee****Adrian Horridge**

This book is the only account of what honeybees actually see. Bees detect some visual features such as edges and colors, but there is no sign that they reconstruct patterns or put together features to form objects. Bees detect motion but have no perception of what it is that moves, and certainly they do not recognize "things" by their shapes. Yet they clearly see well enough to fly and find food with a minute brain. Bee vision is therefore relevant to the construction of simple artificial visual systems, for example, for mobile robots. The surprising conclusion is that bee vision is adapted to the recognition of places, not things.

In this volume, Adrian Horridge also sets out the curious and contentious history of how bee vision came to be understood, with an account of a century of neglect of old experimental results, errors of interpretation, sharp disagreements, and failures of the scientific method. The design of the experiments and the methods of making

inferences from observations are also critically examined, with the conclusion that scientists are often hesitant, imperfect and misleading, ignore the work of others, and fail to consider alternative explanations. The erratic path to understanding makes interesting reading for anyone with an interest in the workings of science but particularly those researching insect vision and invertebrate sensory systems.

May 2019**256 pp, 6.75 in x 9.75 in****Cloth, 978 1 78924 089 4, \$ 140.00 (\$6)**

ORNITHOLOGY

Australian Magpie

Biology and Behaviour of an Unusual Songbird

SECOND EDITION

Gisela Kaplan

The Australian magpie is one of that nation's most popular and iconic birds. It is loved for its impressive vocal abilities, propensity to play, excellent parenting and willingness to form enduring friendships with people.

Written by award-winning author Gisela Kaplan, a leading authority on animal behavior and Australian birds, this second edition of *Australian Magpie* is a thoroughly updated and substantially expanded account of the behavior of these birds. With new chapters on classification, cognition and caring for young, it reveals the extraordinary capabilities of the magpie, including its

(continued overleaf)

ACADEMIC AND PROFESSIONAL TITLES

complex social behavior. The author, who has devoted more than 20 years to studying and interacting with magpies, brings together the latest research on the magpie's biology and behavior, along with information on the origin of magpies, their development and health not published previously.

This fascinating book has a wide appeal to bird lovers, amateur ornithologists and naturalists, as well as those with a scientific or professional interest in avian behavior and ecology and those interested in the importance of native birds to the environment.

Features:

- A fully updated account of this Australian icon, written by one of Australia's leading animal behavior researchers
- Interweaves rigorous academic research with hundreds of hours of the author's personal observations
- Unravels the complex family and social behavior of magpies in an engaging text

September 2019

**280 pp, 6 in x 9 in, 16 color photos, 66 b/w photos & 46 b/w illus
Paper, 978 1 48630 724 1, \$ 35.95 (\$5)**



Kaplan: University of New England

Birds of Prey of Australia

A Field Guide

THIRD EDITION

Stephen Debus

Raptors are popular and iconic birds, and are important ecologically, with some species listed as threatened. Yet they are among the

most difficult birds to identify. This fully updated Third Edition of the popular and award-winning field guide *Birds of Prey of Australia* contains two sections: a field guide with distribution maps, detailed illustrations and information on identification; and a handbook which includes an overview of the current knowledge about raptors, including their biology, ecology and behavior. An illustrated section on difficult-to-distinguish species pairs is also included, along with new photographs.

Birds of Prey of Australia will appeal to a wide range of readers, including ornithologists, raptor biologists, birdwatchers, wildlife rescuers/carers, raptor rehabilitators, zookeepers, naturalists, bushwalkers, ecological consultants, fauna authorities, park rangers, state forestry personnel and students.

Features:

- Updated edition of this popular and award-winning field guide "Bible" of raptor identification, providing current knowledge on the ecology and biology of these species
- New and improved photos
- Companion to the recently released *Australian Birds of Prey in Flight*, which aids identification of soaring raptors

October 2019

**224 pp, 5 in x 8 in, Color photographs, color plates, illustrations, & maps
Paper, 978 1 48631 111 8, \$ 35.95 (\$5)**



ANIMAL AND VETERINARY SCIENCE

Animal Nutrition

From Theory to Practice

Philip Ian Hynd

The text covers the following aspects of nutrition for all major animal species: digestive anatomy and physiology, energy, protein, vitamin and mineral requirements, and common nutritional and metabolic diseases. With a consistent structure, a large number of breakout sections, clear diagrams and chapter key points, the text is user-friendly and readily-accessed. It is reader-focused, evidence-based and multi-layered so readers can find relevant information easily. Covering dogs, cats, horses, sheep, beef cattle, dairy cattle, camelids, goats, pigs, and poultry, this text is an important resource for senior undergraduate students in agricultural science, animal science and veterinary science, as well as practicing animal nutritionists, veterinarians, livestock consultants and producers.

Key Points:

- Inclusion of camelids and goats widens the market beyond Western markets
- Covers the science behind nutrition, including detailed digestive physiology of the animals using the latest research findings
- Aimed at global animal systems

November 2019

**320 pp, 6 in x 9 in
Paper, 978 1 78924 291 1, \$ 75.00 (\$6)**



Differential Diagnosis in Small Animal Cytology

The Skin and Subcutis

Francesco Cian and Paola Monti

Illustrated with high-quality photomicrographs, *Differential Diagnosis in Small Animal Cytology: the Skin and Subcutis* is a comprehensive resource for identifying—through cytology—the most common cutaneous and subcutaneous diseases of dogs and cats.

With key points describing the main clinical and cytological features of each lesion, the book provides lists of differential diagnoses, including diagnostic algorithms, and handy “hints and tips” boxes. It is also enriched by chapters on the correct use and maintenance of the microscope, and techniques of collection and preparation of cytological specimens, making the book a valuable resource for veterinary pathologists (clinical and anatomic), residents, veterinary undergraduate students and small animal practitioners.

September 2019**160 pp, 6 in x 9 in, photomicrographs Paper, 978 1 78639 225 1, \$ 65.00 (\$6)****Manual of Equine Dermatology****Rosanna Marsella**

This book deals exclusively with the equine dermatological problems that the clinician would see in practice. It is the perfect reference for the practitioner who must quickly diagnose and treat the problems. Illustrated in color throughout, coverage progresses from the approach to a case which covers history, signalment, identification of primary vs secondary lesions, distribution of lesions, with examples of differential diagnoses based on the detection of specific lesions to therapy and to chapters of diseases organized by presenting problems and signs - pruritus, allergy, parasitic, crusting, nodules, ulcerative and regional. Over 90 color images together with tables and flow charts provide quick access to important diagnostic and treatment information.

October 2019**240 pp, 7 in x 9 in, Color illus & photos Cloth, 978 1 78639 508 5, \$ 99.00 (\$6)****Animal Welfare**

A Concise Guide for Veterinary Professionals

Edited by Joe Anzuino, Kathy Anzuino, Paul Roger

This concise, practical guide provides an up to date, comprehensive, yet succinct overview of animal welfare, including ethics, legislation and advocacy, in a pocket-sized format for the busy practicing veterinary professional. Written by veterinary practitioners for veterinary practitioners, it provides an easily accessible, plain English guide to animal welfare, ethics and the law. Find key facts at a glance through summaries, tables and boxes, and case studies. For veterinary practitioners and all those needing an interesting, concise yet comprehensive practical handbook which helps guide the veterinarian through difficult ethical dilemmas and explains how they can make a difference to the welfare of animals worldwide, it emphasizes the role of the veterinary profession as a global advocate for animals

September 2019**304 pp, 6.125 in x 9.25 in Paper, 978 1 78639 155 1, \$ 65.00 (\$6)**

ACADEMIC AND PROFESSIONAL TITLES

Cats in Australia

Companion and Killer

**John Woinarski, Sarah Legge and
Chris Dickman**

Across the world, cats are loved as pets or are kept or tolerated for their role in controlling some animal pests. But cats, both pets and feral, also kill many native animals and this toll can be enormous. Cats have been remarkably successful in Australia, spreading pervasively across the continent and many islands, occurring in all environments, and proving to be adept and adaptable hunters. A large proportion of Australia's distinctive fauna is threatened and recent research highlights the significant role that cats play in the decline and extinction of native species.

Cats in Australia brings this research together, documenting the extent to which cats have subverted, and are continuing to subvert, Australia's biodiversity. But the book does much more than spotlight the impacts of cats on Australian nature. It describes the origins of cats and their global spread, their long-standing and varying relationship with people, their global impacts and their ecology. It also seeks to describe the challenge of managing cats, and the options available to constrain their impacts

September 2019**332 pp, 6 in x 9 in, Color photos & illustrations****Paper, 978 1 48630 843 9, \$ 47.95 (\$5)****Current Therapy in
Medicine of Australian
Mammals****Edited by Larry Vogelnest and Timothy
Portas**

Current Therapy in Medicine of Australian Mammals provides an update on Australian mammal medicine. Although much of the companion volume, *Medicine of Australian Mammals*, is still relevant and current, there have been significant advances in Australian mammal medicine and surgery since its publication in 2008. The two texts together remain the most comprehensive source of information available in this field.

This volume is divided into two sections. The first includes comprehensive chapters on general topics and topics relevant to multiple taxa. Several new topics are presented including: wildlife health in Australia and the important role veterinarians play in Australia's biosecurity systems; medical aspects of native mammal reintroductions and translocations; disease risk analysis; wildlife rehabilitation practices in Australia with an emphasis on welfare of animals undergoing rehabilitation; management of overabundant populations; immunology; and stress physiology. The second section provides updates on current knowledge relevant to specific taxa. Several appendices provide useful reference data and information on clinical reference ranges, recommended venipuncture sites, chemical restraint agent doses and regimens, a drug formulary and dental charts. It is a must-have for veterinarians, students, biologists, zoologists and wildlife carers and other wildlife

professionals.

August 2019**796 pp, 8 in x 10 in, Color plates, illustrations, & photographs****Cloth, 978 1 48630 751 7, \$ 174.95 (\$5)****Saving the Tasmanian
Devil****Edited by Carolyn Hogg, Samantha
Fox, David Pemberton, and Katherine
Belov**

The Tasmanian devil is threatened by Devil Facial Tumour Disease (DFTD), a transmissible form of cancer that has reduced the population by over 80%. Hunting, extreme climate events, vehicle collision and habitat destruction also put pressure on this endangered species. The recovery effort to save the Tasmanian devil commenced over 15 years ago as a collaborative initiative between the Tasmanian government, the Australian government, the Zoo and Aquarium Association Australasia, and many research institutions.

Saving the Tasmanian Devil documents the journey taken by partner organizations in discovering what DFTD is, the effect it has on wild devil populations, and the outcomes achieved through research and management actions. Chapters describe all aspects of devil conservation, including the captive devil populations, applied pathology, immunology and genetic research findings, adaptive management, and the importance of advocacy and partnerships. This book will provide management practitioners and

conservation scientists with insight into the complexities of undertaking a program of this scale, and will also be of value to researchers, students and others interested in conservation.

October 2019

348 pp, 8 in x 10 in, Color plates, illustrations, & photographs
Cloth, 978 1 48630 0718 0, \$ 95.99 (\$5)



AGRICULTURE AND PLANT SCIENCE

Modelling Nature

An introduction to mathematical modelling of natural systems

Edward Gillman and Michael Gillman

This short textbook introduces students to the concept of describing natural systems using mathematical models. We highlight the variety of ways in which natural systems lend themselves to mathematical description and the importance of models in revealing fundamental processes. The process of science via the building, testing and use of models (theories) is described and forms the structure of the book.

The book covers a broad range from the molecular to ecosystems and whole-Earth phenomena. Themes running through the chapters include scale (temporal and spatial), change (linear and nonlinear), emergent phenomena and uncertainty. Mathematical descriptions are kept to a minimum and we illustrate mechanisms and results in graphical form wherever possible. Essential mathematical details are described fully, with

the use of boxes. The mathematics *supports* but does not *lead* the text.

August 2019

262 pp, 6.25 in x 9.75 in
Cloth, 978 1 78639 310 4, \$ 160.00 (\$6)
Paper, 978 1 78639 313 5, \$ 75.00 (\$6)



GM Agriculture and Food Security

Fears and Facts

Stuart Smyth, William A. Kerr, Peter W. B. Phillips

Myths about biotechnology have prevented it from helping improve food security in the developing world. This book explores the myths and the reality under the following headings: The Sustainability Challenge: Is science leading to a chemical Armageddon? Plant Vitality: Will 'superweeds' strangle our future? Genetic Diversity: Will science drive monoculture and destroy the common heritage of mankind? Is it Safe? The politicization of risk and impacts on food safety, Industrial Agriculture and Corporate Profits: Who is the real winner? The Local Food Movement, Expertise and Opportunism: Who should we listen to? The Nature of Natural: Whose preferences should dominate? And Food Labelling: What does it really mean?

September 2019

156 pp, 6 in x 9 in
Paper, 978 1 78639 224 4, \$ 65.00 (\$6)



Smyth: University of Saskatchewan
Kerr: University of Saskatchewan
Phillips: University of Saskatchewan

Bunch and Oil Analysis of Oil Palm

A Manual

Pujo Widodo, Fazrin Nur, Evi Nafisah, Brian P. Forster and H. A. Hasibuan

This is a hands-on, practical guide to describe physical bunch and oil analysis of oil palm bunches. Bunch and oil analysis laboratories are set up at oil mills to assess production, yield potential of plantations and oil extraction rates relative to targets. The higher the oil yields the planting material produces, the less land that is needed to achieve a specific level of production, hence helping in the sustainability of the crop.

Techniques in Plantation Science

July 2019

96 pp, 6 in x 9 in
Paper, 978 1 78924 136 5, \$ 30.00 (\$6)



Nursery Practices in Oil Palm

A Manual

Nur Dian Laksono, Umi Setiawati, Fazrin Nur, Miranti Rahmaningsih, Yassier Anwar, Heru Rusfiandi, Eben Haeser Sembiring, Brian P. Forster, Avasarala Sreenivasa Subbarao and Hafni Zahara

This is a hands-on, practical guide to general and specific practices in oil palm nurseries to produce healthy, vigorous and uniform plants ready for field planting. There are two nursery stages, a pre-nursery and a main nursery. The pre-nursery receives both germinated seeds and tissue culture

(continued overleaf)

ACADEMIC AND PROFESSIONAL TITLES

produced plantlets (ramets) which are planted in small pots in a relatively small area in which shade and humidity can be controlled. Once seedlings and ramets are established they are transferred to the main nursery, potted-on and grown on to produce field-ready plants.

Techniques in Plantation Science

August 2019

128 pp, 6 in x 9 in

Paper, 978 1 78924 214 0, \$ 35.00 (\$6)



The Common Agricultural Policy and Romanian Agriculture

Jean Vasile Andrei, Mihaela Cristina Dragoi and David Hemming

This book focuses on Romania, but also compares it with various countries worldwide, including those in the EU. Its outcomes will be shared with an international network of stakeholders, including research institutions, universities, and individual researchers in such spheres as: agricultural economics, rural economics, economic models and patterns. Moreover, this book will provide insights and support executives for policy makers and investors in the field of agriculture.

October 2019

120 pp, 6 in x 9 in

Cloth, 978 1 78924 220 1, \$ 115.00 (\$6)



Biopesticides Manual

Guidelines for Selecting, Sourcing, Producing and Using Biopesticides for Key Pests of Tobacco

K. A. Holmes, Dirk Babendreier, M. Bateman, M. Chaudhary, J. Grunder, M. Mulaa, L. Durocher-Granger and M. Faheem

The *Biopesticides Manual* provides information resources and technical advice in order to support the deployment of biopesticides. It is a one-stop-shop to address the information needs of the key groups who are responsible for selecting, sourcing and using biopesticides in the tobacco production system.

Biopesticides are a key component of integrated pest management (IPM) in tobacco. IPM seeks to reduce the risk of harm to people and the environment. When used in conjunction with good crop management, biopesticides can help to keep pest levels under control, reducing the need to apply conventional pesticides.

Now Available, 158 pp, 6 in x 9 in

Paper, 978 1 78924 202 7, \$ 40.00 (\$6)



Community-based Control of Invasive Species

Edited by Paul Martin, Theodore Alter, Don Hine and Tanya Howard

Invasive species are among the greatest challenges to environmental sustainability and agricultural productivity in the world. One of the most promising approaches to managing invasive species is voluntary citizen stewardship. However, in order for control measures to be effective, private citizens often need to make sustained and sometimes burdensome commitments.

Community-Based Control of Invasive Species is based on five years of research by leading scholars in natural resource and human behavioral sciences, which involved government and citizen groups in Australia and the United States. It examines questions including, "how can citizens be engaged in voluntarily managing invasive species?," "what communication strategies will ensure good motivation and coordination?," and "how can governing bodies support citizens in their efforts?"

With chapters on institutional frameworks, changing governance, systems thinking, organizational learning, engagement, communication and behavioral change, this book will be a valuable reference for researchers and practitioners involved in natural resources management.

August 2019, 232 pp, 6 in x 9 in

Cloth, 978 1 78924 253 9, \$ 105.00 (\$6)



The UK Pesticide Guide 2019

Edited by Martin A. Lainsbury

The UK Pesticide Guide is a unique and authoritative source of information on pesticides and adjuvants approved for use in agriculture, amenity, forestry, pest control and horticulture. This edition has 8 new active ingredient profiles plus a number of new formulations and products for a wide range of crops. It contains a variety of herbicide, fungicide and insecticide and PGR additions, bringing the guide up-to-date for 2019.

Now Available

800 pp, 6.875 in x 9.75 in

Paper, 978 1 99989 662 1, \$ 85.00 (\$6)



FORESTRY

Introductory Probability and Statistics

Applications for Forestry and Natural Sciences

REVISED EDITION

Robert A. Kozak, Susan B. Watts and Christina L. Staudhammer

All students, practitioners and researchers in forestry and related disciplines need a good grounding in statistics and probability. This need is increasing as techniques for gathering and analyzing large amounts of data are becoming commonplace.

This special revised edition of this unique textbook is specifically designed for statistics and probability courses taught to students of forestry and related disciplines. It introduces probability, statistical techniques, data analysis, hypothesis testing, experimental design, sampling methods, nonparametric tests and statistical quality control, using examples drawn from a forestry, wood science and conservation context. The book now includes several new practical exercises for students to practice data analysis and experimental design themselves. It has been updated throughout, and its scope has been broadened to reflect the evolving and dynamic nature of forestry, bringing in examples from conservation science, recreation and urban forestry.

October 2019
400 pp, 6 in x 9 in
Paper, 978 1 78924 330 7, \$ 65.00 (\$6)



Kozak: The University of British Columbia
Watts: The University of British Columbia
Staudhammer: University of Alabama

The Silviculture of Trees Used in British Forestry

THIRD EDITION

Peter S. Savill

British woodlands and forests are often located on sites and in regions that are marginal for agriculture; many are at high elevations and exposed, with short growing seasons. Wherever forests are located, site and climatic conditions must dictate species choice in forest management. This book provides a detailed guide to the biological suitability of different sites and soils for all important native trees and the most extensively used exotics. Apart from physical difficulties such as steepness and stoniness, forest soils also frequently have problems associated with them. They can be waterlogged or drought-prone, suffer from extremes of acidity or alkalinity, or have compacted layers.

The book provides information species suitability for different purposes. It includes details of species origin and introduction (where applicable), as well as their climatic and soil requirements and other silvicultural characteristics. Information about provenance, yield and timber is also provided. Fully updated throughout, this 3rd edition puts more emphasis on species suitable for changing climatic conditions, with accounts of several species that may become

more prominent in British forests: including several silver firs, hickories, eucalypts, spruces, poplars and wingnuts. The book concludes with simple keys for identifying the trees most likely to be encountered in British forests. It is an essential resource for students, researchers and forestry professionals.

July 2019
384 pp, 6 in x 9 in
Cloth, 978 1 78639 392 0, \$ 160.00 (\$6)

**ENVIRONMENT AND THE NATURAL WORLD****Finding Resilience**

Change and Uncertainty in Nature and Society

Brian Walker

Floods, fires, famines, epidemics and disasters of all kinds are on the increase, and as their frequency rises so does the call for greater resilience. But what does that mean?

The word is used differently in psychology, ecology, economics and engineering and runs the risk of becoming meaningless jargon. This would be most unfortunate because, if we are to successfully navigate very real and dangerous global trends, it is resilience that needs to be understood and fostered.

Finding Resilience is international in scope and unravels how ecosystems, societies and people cope with disturbance and adversity. Written for a general

(continued overleaf)

ACADEMIC AND PROFESSIONAL TITLES

readership and based on the experiences of researchers, these fascinating stories from around the world reveal what resilience is, how it works in different kinds of systems, how it is expressed, and how it can be gained and lost.

June 2019

168 pp, 6 in x 9 in

Paper, 978 1 78924 159 4, \$ 65.00 (\$6)



Wildlife of the Otways and Shipwreck Coast

Grant Palmer

The Otways and Shipwreck Coast is known for its natural beauty and attracts millions of visitors each year, particularly along the Great Ocean Road. The value of the region's rich biodiversity is recognized at the national and global level and its wildlife is markedly different to other regions, including eastern Victoria which supports similar vegetation types.

Wildlife of the Otways and Shipwreck Coast is a photographic field guide to the vertebrate wildlife of Victoria's south-west. It covers all the mammals, birds, reptiles and frogs that occur in the region, including on land and in coastal waters. Each of the 288 species profiles includes a description and information on identification, range, conservation status, habitat use and ecology and is complemented by an exquisite color photograph and a detailed distribution map. The book also includes chapters on habitat types, conservation and management, and on 14 key places in the region to view wildlife.

This book will allow those interested in wildlife, including residents and visitors, to identify vertebrate animals found in the region. Readers will also become more familiar with the distinct role the Otways has in conserving Australia's biodiversity.

July 2019

304 pp, 6.69 in x 9.64 in, color photos & maps

Paper, 978 1 48630 898 9, \$ 39.95 (\$5)



Planetary Health

Human Health in an Era of Global Environmental Change

Edited by Jennifer Cole

Planetary Health - the idea that human health and the health of the environment are inextricably linked - encourages the preservation and sustainability of natural systems for the benefit of human health. Drawing from disciplines such as public health, environmental science, evolutionary anthropology, welfare economics, geography, policy and organizational theory, it addresses the challenges of the modern world, where human health and well-being is threatened by increasing pollution and climate change.

A comprehensive publication covering key concepts in this emerging field, *Planetary Health* reviews ideas and approaches to the subject such as natural capital, ecological resilience, evolutionary biology, One Earth and transhumanism. It also sets out through case study chapters the main links between human health and environmental change, covering climate change, land use and waterborne infectious diseases; sanitation,

clean energy and fertilizer use; trees, well-being and urban greening; and livestock, antibiotics and greenhouse gas emissions.

Providing an extensive overview of key theories and literature for academics and practitioners who are new to the field, this engaging and informative read also offers an important resource for students of a diverse range of subjects, including environmental sciences, animal sciences, geography and health.

September 2019

160 pp, 6 in x 9 in

Paper, 978 1 78924 164 8, \$ 50.00 (\$6)



(please box the below title)

Food Gardens for a Changing World

Daniela Soleri, David A. Cleveland and Steven E. Smith

Food gardening is becoming increasingly popular, as people look for new ways to live more sustainably and minimize harm to the environment. This book addresses the most pressing challenges facing food gardening in the 21st century – worldwide changes in climate, the environment, natural resources, and communities – and the basic biological, ecological and social concepts which influence our understanding. Examples throughout the text demonstrate how gardeners can use these theories to their advantage.

PART I: Starting at the beginning: gardens and the big picture

Chapter 1: What can food gardens contribute?

Gardens and wellbeing

Chapter 2: Changes coming to your garden

Chapter 3: Responding to change as a food gardening strategy

Chapter 3: Appendix, Worked formal garden experiments

PART II: Starting the garden

Chapter 4: Garden placement

Chapter 5: How plants live and grow

Chapter 6: Starting and caring for garden plants

PART III: Garden management

Chapter 7: Soil, nutrients, and organic matter

Chapter 8: Water, soils, and plants

Chapter 9: Managing pests, pathogens, and beneficial organisms

Chapter 10: Saving seeds for planting and sharing

June 2019

336 pp, 7.5 in x 9.625 in

Cloth, Jun 30, 2019, 978 1 78924 098 6, \$ 160.00 (S6)

Paper, Jun 30, 2019, 978 1 78924 099 3, \$ 75.00 (S6)



Soleri: University of California, Santa Barbara

Cleveland: University of California, Santa Barbara

Smith: University of Arizona

Food Plants of the World

Identification, Culinary Uses and Nutritional Value

REVISED EDITION

Ben-Erik van Wyk

Plants and plant-derived products make up the bulk of what we eat and drink every day, and people often wonder where their favorite food or drink comes from. This scientifically accurate photographic guide provides quick and informative answers.

Food Plants of the World is a comprehensive overview of the plants that provide us with food, beverages, spices and flavors. It is written in easy to understand language but gives accurate scientific information on the plants and their uses. This expanded and revised edition of the book includes: descriptions of more than 400 food and flavor plants and their close relatives, including origin, history, cultivation, harvesting, properties and culinary uses; more than 1000 full-color photographs, showing the plants, flowers and plant parts that are used; introductory chapters on cereals, pulses (legumes), nuts and seeds, fruits, vegetables, culinary herbs, sugar plants, beverages, spices and flavorings; interesting facts about the historical and contemporary uses of the various plant-derived products; and a checklist of more than 800 of the most important and well-known food plants of the world.

June 2019

512 pp, 6 in x 9 in, Color photos

Cloth, 978 1 78924 130 3, \$ 69.95 (S6)



TOURISM

Diversity Competence

Cultures Don't Meet, People Do

Edwin Hoffman and Arjan Verdooren

In today's world many people live, learn and work in international and multicultural environments. Intercultural communication has become an important topic in many fields of work and study. Given the complexities of globalization, knowledge of cultures and cultural differences is rarely sufficient.

In this book, interpersonal communication forms the point of departure: the meeting of people, not of cultures. The authors describe what diversity competence entails: which processes, challenges and skills are relevant in a "superdiverse" world. They demonstrate how the TOPOI model (a systemic framework of points of attention and interventions for diversity-sensitive communication) offers an inclusive, communicative approach to analyzing and addressing potential miscommunication.

Now Available

352 pp, 6 in x 9 in

Paper, 978 1 78924 240 9, \$ 60.00 (S6)



ACADEMIC AND PROFESSIONAL TITLES

Overtourism

Excesses, Discontents and Measures in Travel and Tourism

Edited by Claudio Milano, Joseph M. Cheer

The "overtourism" phenomenon is defined as the excessive growth of visitors leading to overcrowding and the consequential suffering of residents, due to temporary and often seasonal tourism peaks, that lead to permanent changes in lifestyles, amenities and well-being. Enormous tensions in overtourism affected destinations have driven the intensification of policy making and scholarly attention toward seeking antidotes to an issue that is considered paradoxical and problematic. Moving beyond the "top 10 things you can do about overtourism," this book examines the evolution of the phenomenon and explores the genesis of overtourism as well as the system dynamics underpinning it. With a rigorous scientific approach the book uses systems-thinking and contemporary paradigms around sustainable development, resilience planning and degrowth; while considering global economic, socio-political, environmental

July 2019

224 pp, 6 in x 9 in

Cloth, 978 1 78639 982 3, \$ 140.00 (\$6)

**Tourism, Pilgrimage and Intercultural Dialogue**

Interpreting Sacred Stories

Edited by Dolores Vidal-Casellas, Silvia Aulet and Neus Crous-Costa

Religious heritage and sacred sites offer an opportunity to visitors to explore the knowledge of the community visited, however the importance of interpretation, meaning, experience, and narrative need to be considered.

This book is a timely re-assessment of the increasing linkages and interconnections between management of diversity and religious tourism and secular spaces on a global stage. It explores key learning points from a range of contemporary case studies of religious and pilgrimage activity, related to ancient, sacred and emerging tourist destinations and new forms of pilgrimage, faith systems and quasi-religious activities.

By providing a conceptual framework the book demonstrates the symbolism of sacred spaces within religious traditions and the relations developed among them. It offers explanations on how to manage and how to communicate the religious diversity and provides a solid overview of: religious tourism as a tool for intercultural dialogue, the Interpretation of religious heritage for tourism; and cross-cultural contacts. The book will provide a valuable resource for those researching and practising in tourism management, pilgrimage and religious tourism.

CABI Religious Tourism and Pilgrimage Series

August 2019

208 pp, 6 in x 9 in

Cloth, 978 1 78924 112 9, \$ 160.00 (\$6)



ENGINEERING

Coiled Tubing and Other Stimulation Techniques

Formation Damage, Well Stimulation Techniques for Production Enhancement

Mohammed Ismail Iqbal, Shohaib Khan

Good engineers never stop looking for opportunities to improve the performance of their production systems. Performance enhancement methods are always carefully examined, and production data is analyzed in order to identify determining factors affecting performance.

The two main activities of the production engineer in the petroleum and related industries are reservoir stimulation and artificial lift. The classic solution to maximizing a well's productivity is to stimulate it. The basis for selecting stimulation candidates should be a review of the well's actual and theoretical IPR. Low permeability wells often need fracturing on initial completion. In low permeability zones, additional post stimulation production can be significant to the economics, however, the production engineer needs to make management aware of the true long term potential or else overly optimistic projections can easily be made.

The main purpose of stimulation is to enhance the property value by the faster delivery of the petroleum fluid and/or to increase ultimate economic recovery. The aim of reservoir stimulation is to bypass near-wellbore damage and return a well to its "natural" productivity/injectivity, to extend a conductive path deep into a formation and

thus increase productivity beyond the natural level and to produce hydrocarbon from tight formation. This book presents procedures taken in the Oil & Gas Industry for identifying well problems, and it suggests means of solving problems with the help of the Coil Tube unit which is used for improving well productivity and techniques like Acidizing and Hydraulic Fracturing.

Now Available

300 pp, 6 in x 9 in

Cloth, 978 8 77022 074 3, \$ 115.00 (S6)

Lib E-Book, 978 8 77022 073 6, \$ 86.25 (10)



Mathematical Modelling of System Resilience

Kanchan Das, Mangey Ram

Almost all the systems in our world, including technical, social, economic, and environmental systems, are becoming interconnected and increasingly complex, and as such they are vulnerable to various risks. Due to this trend, resilience creation is becoming more important to system managers and decision makers, this to ensure sustained performance. In order to be able to ensure an acceptable sustained performance under such interconnectedness and complexity, resilience creation with a system approach is a requirement. Mathematical modeling based approaches are the most common approach for system resilience creation.

Mathematical Modelling of System Resilience covers resilience creation for various system aspects including a functional system of the supply chain, overall supply

chain systems; various methodologies for modeling system resilience; satellite-based approach for addressing climate related risks, repair-based approach for sustainable performance of an engineering system, and modeling measures of the reliability for a vertical take-off and landing system. Each of the chapters contributes state of the art research for the relevant resilience related topic covered in the chapter.

Now Available

200 pp, 6 in x 9 in

Cloth, 978 8 77022 070 5, \$ 115.00 (S6)

Lib E-Book, 978 8 77022 069 9, \$ 86.25 (10)



Re-Use and Recycling of Materials

Solid Waste Management and Water Treatment

Edited by Ange Nzihou, Sabu Thomas, Nandakumar Kalarikkal, Jibin K.P.

In recent years, a considerable amount of effort has been devoted, both in industry and academia, towards the recycling and reuse of materials. Most nations are now trying to reduce the amount of waste materials, through the proper recycling of materials.

Re-Use and Recycling of Materials will help readers to understand the current status in the field of waste management, as well as what research is taking place to deal with such issues.

Technical topics discussed in the book include: municipal solid waste management; recycling of WEEE; waste of industrially important products like lignin and cellulose;

recycling of agriculture waste; and polymer and plastic recycling.

April 2019

250 pp, 6 in x 9 in

Cloth, 978 8 77022 058 3, \$ 115.00 (S6)

Lib E-Book, 978 8 77022 057 6, \$ 86.25 (S6)



Slime Mould in Arts and Architecture

Edited by Andrew Adamatzky

The slime mould *Physarum polycephalum* was a source of explosive growth of bioengineered hybrid sensing and computing devices in the past decade. Being in its vegetative state, the plasmodium, the slime mould configures its protoplasmic network to optimize its geometry with relation to patterns of attractants and repellents.

The slime mould's adaptability, polymorphism and aestheticism inspired artists and architects. The slime mould has been seen as a self-conscious liquid form continuously changing its shape in response to external stimulation and due to interactions of thousands of micro-oscillators in its body. Elusiveness is a magic feature of the slime mould. One moment the slime mould gives you a solution to a mathematical problem by a shape of its body, next moment it changes its shape and the solution disappears.

Slime Mould in Arts and Architecture presents a set of unique chapters written by leading artists, architects and scientists, which

(continued overleaf)

ACADEMIC AND PROFESSIONAL TITLES

resulted from creative translations of the slime mould behavior into forms and sounds, unconventional investigations and sensorial experiences and the slime mould ability to remove boundaries between living and artificial, solid and fluid, science and arts. The book gives readers unique tools for designing architectural forms and creative works using the slime mould, understanding how pro-cognitive living substrates can be used in everyday life, it sparks new ideas and initiates further progress in many fields or arts, architecture, science and engineering.

Now Available**310 pp, 6 in x 9 in****Cloth, 978 8 77022 072 9, \$ 90.00 (\$6)****Lib E-Book, 978 8 77022 071 2, \$ 67.50 (10)****Veins of the Desert**

A Review on Qanat / Falaj / Karez

Ali Asghar Semsar Yazdi, Majid Labbaf Khaneiki

A qanat is a gently sloping subterranean canal which taps a water-bearing zone at a higher elevation than cultivated lands. It consist of a series of vertical shafts in sloping ground, interconnected at the bottom by a tunnel with a gradient flatter than that of the ground. From the air, this system looks like a line of anthills leading from the foothills across the desert to the greenery of an irrigated settlement. In a traditional realm, qanats are embraced by a socio-economic system which guarantees their sustainability. The facets of this socio-economic system operate closely together and make it possible for the qanats to remain into the future.

Veins of the Desert shows that digging a qanat requires a variety of sciences and technologies, though at a glance qanat is just a horizontal tunnel which drains out groundwater. A qanat is a feat of technology left from our ancestors hidden underground, but its technical importance is apparent and not less valuable than such surface structures as bridges, castles, towers, etc. A qanat enjoys extended structures and sometimes its length reaches tens of kilometers. It passes through geological formations and faces different conditions and obstacles; this has led to the accumulation of knowledge in terms of qanat construction over time, which has been handed down from generation to generation. A qanat is one of the most complicated traditional technologies, which requires knowledge on nature ranging from groundwater to management. This indigenous technology is used to bring water efficiently from tens of kilometers away to the thirsty lands.

This book also gives insight into the cultural and social heritages which have crystalized around this technique, still influencing the social life of the people living in such regions as the central plateau of Iran where qanats has been the only means of supplying water. This technology is the focal point of the genesis of a particular civilization in the arid and semi-arid regions of Iran. Thus, the qanat is not only an irrigational means, but it should be seen as a technical and cultural legacy which deserves more attention. This book is a small encyclopedia on qanat system, providing the readers with easy answers to their questions about different aspects of this ancient technology.

June 2019**250 pp, 6 in x 9 in****Cloth, 978 8 77022 084 2, \$ 100.00 (\$6)****Lib E-Book, 978 8 77022 083 5, \$ 75.00 (10)**

COMPUTER SCIENCE

Challenges in Cybersecurity and Privacy

The European Research Landscape

Edited by Jorge Bernal Bernabe, Antonio Skarmeta

Cybersecurity and Privacy issues are becoming an important barrier for a trusted and dependable global digital society development. Cyber-criminals are continuously shifting their cyber-attacks especially against cyber-physical systems and IoT, since they present additional vulnerabilities due to their constrained capabilities, their unattended nature and the usage of potential untrustworthiness components. Likewise, identity-theft, fraud, personal data leakages, and other related cyber-crimes are continuously evolving, causing important damages and privacy problems for European citizens in both virtual and physical scenarios.

New holistic approaches, methodologies, techniques and tools are needed both to cope with those issues, and to mitigate cyberattacks, by employing novel cyber-situational awareness frameworks, risk analysis and modeling, threat intelligent systems, cyber-threat information sharing methods, advanced big-data analysis

techniques as well as exploiting the benefits from latest technologies such as SDN/NFV and Cloud systems. In addition, novel privacy-preserving techniques, and crypto-privacy mechanisms, identity and eID management systems, trust services, and recommendations are needed to protect citizens' privacy while keeping usability levels.

The European Commission is addressing the challenge through different means, including the Horizon 2020 Research and Innovation program, financing innovative projects that can cope with the increasing cyberthreat landscape. This book introduces several cybersecurity and privacy research challenges and how they are being addressed in the scope of 15 European research projects (ANASTACIA, SAINT, YAKSHA, FORTIKA, CYBECO, SISSDEN, CIPSEC, CS-AWARE, RED-Alert, Truessec.eu, ARIES, LIGHTest, CREDENTIAL, FutureTrust, and LEPS).

June 2019
250 pp, 6 in x 9 in
Cloth, 978 8 77022 088 0, \$ 110.00 (\$6)
Lib E-Book, 978 8 77022 087 3, \$ 82.50 (10)



Getting Started for Internet of Things with Launch Pad and ESP8266

Rajesh Singh, Anita Gehlot, Lovi Raj Gupta, Bhupendra Singh, Priyanka Tyagi

Getting Started for Internet of Things with Launch Pad and ESP8266 provides a platform to get started with the Ti launch pad

and IoT modules for Internet of Things applications. The book provides the basic knowledge of Ti launch Pad and ESP8266 based customized modules with their interfacing, along with the programming. The book discusses the application of Internet of Things in different areas. Several examples for rapid prototyping are included to help the reader understand the concept of IoT.

The book comprises of twenty-seven chapters, which are divided into four sections and which focus on the design of various independent prototypes. Section-A gives a brief introduction to Ti launch pad (MSP430) and Internet of Things platforms like GPRS, NodeMCU and NUTTYFi (ESP8266 customized board), and it shows steps to program these boards. Examples on how to interface these boards with display units, analog sensors, digital sensors and actuators are also included to help make the reader comfortable with the platforms. Section-B discusses the communication modes to relay the data like serial out, PWM and I2C. Section-C explores the IoT data loggers and shows certain steps to design and interact with the servers. Section-D includes IoT based case studies in various fields.

Now Available
325 pp, 6 in x 9 in
Cloth, 978 8 77022 068 2, \$ 115.00 (\$6)
Lib E-Book, 978 8 77022 067 5, \$ 86.25 (10)



PUBLIC HEALTH & MEDICINE

Direct Nerve Stimulation for Induction of Sensation and Treatment of Phantom Limb Pain

Edited by Winnie Jensen

The amputation of a limb is a surgical intervention used as a last resort to remove irreparably damaged, diseased, or congenitally malformed limbs where retention of the limb is a threat to the well-being of the individual. The procedure traumatically alters the body image, but often leaves sensations that refer to the missing body part, the phantom limb. In 50-80% of cases, these sensations are perceived as painful and referred to as "Phantom Limb Pain."

Direct Nerve Stimulation for Induction of Sensation and Treatment of Phantom Limb Pain provides an overview of research, experiences and results for the design, development and test of hardware and software components, and the ambition to safely implant and evaluate a novel neural interface system to combat phantom limb pain in an amputee volunteer subject.

Now Available
150 pp, 6 in x 9 in
Cloth, 978 8 77022 076 7, \$ 115.00 (\$6)
Lib E-Book, 978 8 77022 075 0, \$ 86.25 (10)



ACADEMIC AND PROFESSIONAL TITLES

European Health Report 2018

More than numbers - evidence for all
WHO Regional Office for Europe,

With the half-way point in the implementation period of Health 2020 having been crossed, this report reflects on the effect that the policy has had on the Region. Like its predecessors in 2012 and 2015, the 2018 report is an essential resource for the 53 Member States of the WHO European Region to report on progress towards the Health 2020 targets, outlining areas that may be unfinished by 2020 and beyond. Lessons learned from across the Region on action taken by the WHO Regional Office for Europe and Member States to improve the health and well-being of their populations are presented.

The report also addresses the new public health challenges that have emerged in recent years. To respond effectively to these challenges, new forms of evidence are essential to measure health and well-being in different cultural and subjective contexts. This is particularly important in the context of the 2030 Agenda for Sustainable Development and the Sustainable Development Goals, whose health indicators overlap significantly with those for Health 2020.

A EURO Publication

Now Available

157 pp, 6 in x 9 in

Paper, 978 9 28905 343 3, \$ 42.00 (\$6)

**European Health Report 2018 Highlights**

More than numbers - evidence for all
WHO Regional Office for Europe,

The publication of the *European Health Report* every three years gives readers (including policy-makers, politicians, public health specialists and journalists) a vital snapshot of health in the WHO European Region and progress towards health and well-being for all. The report also shows trends in and progress towards the goals of Health 2020, the European health policy, and reveals some gaps in progress, inequalities and areas of concern and uncertainty, where action must be taken.

A EURO Publication

Now Available

16 pp, 6 in x 9 in

Paper, 978 9 28905 344 0, \$ 18.00 (\$6)

**Evaluation of Certain Food Additives**

Eighty-sixth report of the Joint
FAO/WHO Expert Committee on
Food Additives

World Health Organization

This report represents the conclusions of a Joint FAO/WHO Expert Committee (JECFA) convened to evaluate the safety of various food additives, including flavoring agents, with a view to concluding on safety concerns and to prepare specifications for the identity and purity of the food additives.

WHO Technical Report Series 965

Now Available

166 pp, 6 in x 9 in

Paper, 978 9 24121 023 2, \$ 48.00 (\$6)

**Global Action Plan on Physical Activity 2018-2030**

More Active People for a Healthier
World

World Health Organization

Regular physical activity is proven to help prevent and treat noncommunicable diseases (NCDs) such as heart disease, stroke, diabetes and breast and colon cancer. It also helps to prevent hypertension, overweight and obesity and can improve mental health, quality of life and well-being. In addition to the multiple health benefits of physical activity, societies that are more active can generate additional returns on investment including a reduced use of fossil fuels, cleaner air and less congested, safer roads. These outcomes are interconnected with achieving the shared goals, political priorities and ambition of the Sustainable Development Agenda 2030.

The new WHO global action plan to promote physical activity responds to the requests by countries for updated guidance, and a framework of effective and feasible policy actions to increase physical activity at all levels. It also responds to requests for global leadership and stronger regional and national coordination, and the need for a whole-of-society response to achieve a paradigm shift in both supporting and valuing all people being regularly active,

according to ability and across the life course.

Now Available
101 pp, 8.26 in x 11.69 in
Paper, 978 9 24151 418 7, \$ 36.00 (\$6)



Global Status Report on Alcohol and Health 2018

World Health Organization

The report provides an overview of alcohol consumption and harms in relation to the UN Sustainable Development Goals (Chapter 1), presents global strategies, action plans and monitoring frameworks (Chapter 2), gives detailed information on: the consumption of alcohol in populations (Chapter 3); the health consequences of alcohol consumption (Chapter 4); and policy responses at the national level (Chapter 5). In its final Chapter 6, the imperative for reducing harmful use of alcohol in a public health perspective is presented. In addition, the report contains country profiles for WHO Member States and appendices with statistical annexes, a description of the data sources and methods used to produce the estimates and references.

Now Available
469 pp, 8 in x 11 in
Paper, 978 9 24156 563 9, \$ 84.00 (\$6)



Global Status Report on Road Safety 2018

World Health Organization

The *Global Status Report on Road Safety 2018*, launched by WHO in December 2018, highlights that the number of annual road traffic deaths has reached 1.35 million. Road traffic injuries are now the leading killer of people aged 5-29 years. The burden is disproportionately borne by pedestrians, cyclists and motorcyclists, in particular those living in developing countries. The report suggests that the price paid for mobility is too high, especially because proven measures exist. Drastic action is needed to put these measures in place to meet any future global target that might be set and save lives.

Now Available
419 pp, 8.26 in x 11.69 in
Paper, 978 9 24156 568 4, \$ 96.00 (\$6)



Global Tuberculosis Report 2018

World Health Organization

WHO has published a global TB report every year since 1997. The main aim of the report is to provide a comprehensive and up-to-date assessment of the TB epidemic, and of progress in prevention, diagnosis and treatment of the disease at global, regional and country levels. This is done in the context of recommended global TB strategies and targets endorsed by WHO's Member States and broader development goals set by the United Nations (UN).

Now Available
273 pp, 8.26 in x 11.69 in
Paper, 978 9 24156 564 6, \$ 60.00 (\$6)



INSPIRE Handbook

Action for Implementing the Seven Strategies for Ending Violence Against Children

World Health Organization

The *INSPIRE Handbook* explains in detail how to choose and implement interventions that will fit your needs and context. The seven strategy-specific chapters address the implementation and enforcement of laws; norms and values; safe environments; parent and caregiver support; income and economic strengthening; response and support services; and education and life skills. The handbook concludes with a summary of INSPIRE's implementation and impact indicators, drawn from the companion INSPIRE indicator guidance and results framework.

Now Available
299 pp, 8 in x 11 in
Spiral bound, 978 9 24151 409 5, \$ 60.00 (\$6)



ACADEMIC AND PROFESSIONAL TITLES

Quality Assurance of Pharmaceuticals 2018

WHO guidelines, related guidance and GXP training materials

World Health Organization

Quality assurance of pharmaceutical products is a continuing concern of WHO. Despite efforts made around the world to ensure a supply of quality and effective medicines, substandard products still compromise health-care delivery in many countries.

To respond to the global need for adequate quality assurance of pharmaceuticals, WHO's Expert Committee on Specifications for Pharmaceutical Preparations has over the years made numerous recommendations to establish standards and guidelines and to promote the effective functioning of national regulatory and control systems, and the implementation of internationally agreed standards by trained personnel. More than 75 relevant international guidelines, standards and good practices endorsed by the Committee are reproduced in this volume, providing guidance covering all aspects of quality assurance including good manufacturing practices (GMP).

**Now Available
CD-ROM, 978 9 24155 031 4, \$ 180.00
(\$6)**

**Shiga Toxin-producing Escherichia coli (STEC) and Food**

Attribution, Characterization and Monitoring

World Health Organization

Shiga toxin-producing *Escherichia coli* (STEC) infections are a substantial health issue worldwide. Circa 2010, foodborne STEC caused; 1 million human illnesses, 128 deaths, and ~ 13,000 Disability Adjusted Life Years (DALYs). Targeting interventions to address this hazard relies on identifying those STEC strains of greatest risk to human health and determining the food vehicles for such infections.

This report brings together the review and analysis of existing information on the burden, source attribution, hazard characterization and monitoring of STEC. It proposes a set of criteria for categorizing the potential risk of severity of illness associated with the presence of a STEC in food, for consideration by risk managers, as part of a risk-based approach to control STEC in foods. It presents the initial results on source attribution of foodborne STEC, highlighting that while ruminants and other land animals are considered the main reservoirs for STEC, largescale outbreaks have also been linked to other foods, such as fresh produce. It also provides a review of monitoring programs and methodology for STEC, which can serve

as a reference for countries planning to develop such programs.

**Microbiological Risk Assessment Series
19**

**Now Available
172 pp, 8.26 in x 11.69 in
Paper, 978 9 24151 427 9, \$ 48.00 (\$6)**

**The International Pharmacopoeia 2018**

EIGHTH EDITION

World Health Organization

The *International Pharmacopoeia* comprises a collection of recommended procedures for analysis and specifications for the determination of "pharmaceutical substances" (active pharmaceutical ingredients), excipients and "dosage forms" (general texts and individual finished pharmaceutical products) that is intended to serve as source material for reference or adaptation by any World Health Organization (WHO) Member State wishing to establish pharmaceutical requirements. The pharmacopoeia, or any part of it, shall have legal status whenever a national or regional authority expressly introduces it into appropriate legislation.

The *International Pharmacopoeia* is based on advice and decisions from the WHO Expert Committee on Specifications for

Pharmaceutical Preparations (ECSP). All specifications included in this Eighth Edition have been developed following the WHO consultation process and were adopted by the ECSP.

Now Available

CD-ROM, 978 9 24155 030 7, \$ 180.00 (S6)



WHO Expert Committee on Drug Dependence

Fortieth Report

World Health Organization

This report presents the recommendations of the fortieth WHO Expert Committee on Drug Dependence (ECDD). The ECDD is responsible for the assessment of psychoactive substances for possible scheduling under the International Drug Control Conventions. The ECDD reviews the

therapeutic usefulness, the liability for abuse and dependence, and the public health and social harm of each substance. The ECDD will advise the Director-General of WHO, to schedule or to amend the scheduling status of a substance. The Director-General will, as appropriate, communicate the recommendations to the Secretary-General of the United Nations, who will in turn communicate the advice to the Commission on Narcotic Drugs (CND).

WHO Technical Report Series 965

Now Available

56 pp, 6 in x 9 in

Paper, 978 9 24121 022 5, \$ 30.00 (S6)



World Malaria Report 2018

World Health Organization

This year's report shows that after an unprecedented period of success in global malaria control, progress has stalled. Data from 2015-2017 highlight that no significant progress in reducing global malaria cases was made in this period. There were an estimated 219 million cases and 435,000 related deaths in 2017.

The *World Malaria Report 2018* draws on data from 90 countries and areas with ongoing malaria transmission. The information is supplemented by data from national household surveys and databases held by other organizations.

Now Available

204 pp, 8 in x 11 in

Paper, 978 9 24156 565 3, \$ 48.00 (S6)



SALES REPRESENTATION

UNITED STATES

NEW ENGLAND,

MID-ATLANTIC: CT, DC,
DE, MA, MD, ME, NH, NJ,
NY, PA, RI, VT

Parson Weems

48 Wawayanda Rd
Warwick, NY 10990
Tel: (845) 987-7233
Fax: (866) 761-7112

E-mail: office@parsonweems.com

Reps: Eileen Bertelli
Linda Cannon
Christopher Kerr
Causten Stehle
Jason Kincade
Kevin Moran

MIDWEST: IA, IL, IN, KS,
KY, MI, MN, MO, ND, NE,
OH, SD, WI

Blue4Books

705 Delaware Ct
Lawton, MI 49065
Tel: (269) 808-9800
Fax: (312) 624-7927
E-mail: ian@blue4books.com
Reps: Ian Booth
Nicholas Booth
Scott Bartlett

WEST, NORTHWEST AND

HAWAII: AK, AZ, CA, CO, HI, ID,
MT, NM, NV, OR, UT, WA, WY

Terry & Read, LLC

2713 Quail Cove Drive
Highland Village, TX 75077
Tel: (281) 360-5204
Fax: (281) 360-5215
Reps: Ted H. Terry
Alan Read
David M. Terry

SOUTH AND SOUTHWEST:

FL, GA, MS, NC, SC, TN, WV, VA,
TX, LA, AR, OK, MS, AL and TN.

Southeastern Book Travelers, LLC

1920 Valleydale Road,
Suite 220
Birmingham, AL 35244
Tel: (205) 682-8570
Fax: (770) 804-2013
E-mail: sbtorders@bellsouth.net
Web site: www.southeasternbooktravelers.com
Reps: Chip Mercer
Stewart Koontz
Sal McLeMore
Larry Hollern

CANADA

Login Canada Corporate Office & Distribution Centre

300 Saulteaux Crescent
Winnipeg, Manitoba R3J 3T2
Phone: 800.665.1148 or
204.837.2987
Fax: 800.665.0103 or
204.837.3116

Eastern Distribution Centre

Unit 1, 6255 Cantay Road
Mississauga, Ontario L5R 3Z4
Phone: 905.507.8953
Fax: 905.507.9919

UK, EUROPE, ASIA, MIDDLE EAST, AFRICA, & AUSTRALIA

(STYLUS IMPRINT ONLY)

Eurospan Group

3 Henrietta Street
London WC2E 8LU
United Kingdom

Trade Orders & Enquiries:

Tel: +44 (0) 1767 604972
Fax: +44 (0) 1767 601640
Email: info@eurospangroup.com

Individual Orders:

www.eurospanbookstore.com/styluspublishing
Individuals may also order
using the contact details
above

Source Code: 19FALL



22883 Quicksilver Drive
Sterling, VA 20166-2102

Trade, Academic,
and Professional Books
Fall 2019

Vital books from independent publishers | www.styluspub.com