

BMS BOOK NEWS

INTERACTION

Volume 15

July 2010

Issue 2

A monthly bulletin

ISSN 0972-3242

Publications Update

Book Marketing Services, 2-A Ramaniyam Building, 216-217 Peters Road, Royapettah, Chennai - 600 014

Bodleian Library University of Oxford

The Original Rules of Tennis

By Bodleian Library

While Jeu de paume has been played in France for hundreds of years and was associated with the French and English medieval and renaissance courts, the modern game of tennis dates from 1874, when the rules were defined by Major Walter Clopton Wingfield. Published in association with the All England Lawn Tennis Club (Wimbledon), this book examines the history of the rules of tennis from their first codification to the present day. It also looks at the circumstances of the composition of the first rules, their scope, and afterlife, as they moved from manuscript to publication.

John Barrett played in twenty-one consecutive Wimbledon Championships between 1950 and 1970. As a BBC commentator since 1971, he was known to millions as the 'voice of tennis' until his retirement in 2006. He has edited the annual World of Tennis from 1969 to 2001.

June 2010 64pp HB Price: £. 5.99

John Aubrey and the Advancement of Learning

By William Poole, Bodleian Library

John Aubrey (1626-1697) was one of the best-connected scholars and antiquaries in the great decades of the British scientific revolution. He is remembered as the father of English life-writing, whose "Brief Lives" formed the basis of national biography.

But Aubrey's intellectual interests were much broader. He

was one of the first Fellows of the Royal Society, acquainted with leading scientists of the generation of *Robert Hooke* and *Isaac Newton*. He was also a keen mathematician, an early donor to the Ashmolean Museum and Bodleian Library, and championed Hooke's radical geological theories, supporting the organic origin of fossils. He was a pioneer county historian, and also helped develop an artificial language to aid scientific discussion. Extensively illustrated, this book is published to celebrate the 350th anniversary of the founding of the Royal Society.

William Poole is Fellow of New College, Oxford. He co-directed the AHRC-funded project 'Language-planning and free-thinking in late seventeenth-century England' (2004-2007), and is now part of the Mellon Foundation-funded 'Cultures of Knowledge' project (2009-), for which he is co-editing the correspondence of John Aubrey.

May 2010 112pp PB Price: 25.00

Stop press

BMS takes pleasure in announcing their appointment as sales promotion representatives India to **Bodleian Library Publishing** of Oxford University.

Bodleian Library Publishing has a dynamic and eclectic list of trade and scholarly books on a wide range of subjects drawn from or related to the Library's rich collection of rare books, manuscripts, maps, postcards and other ephemera.

Customers in India can look forward to having a regular flow of information concerning new publications. For details please contact bkmktg@gmail.com

Good Offices Committee (of FBPAI) *Conversion rates for Books and Journals, effective 1st July 2010*



British Pound Sterling @ Rs. 72.50 U S Dollar @ Rs. 49.00 Euro @ Rs. 60.20



Columbia University Press

Forthcoming....

New Powers: How to Become One and How to Manage Them

Amrita Narlikar

Being new is never easy, especially in the anarchic world of international politics. New powers such as Brazil, China, and India have navigated difficult terrain as they negotiate their way to the top, signaling a sufficient level of conformity to diffuse tensions and avoid preemptive reprisals. Yet habitually conciliatory diplomacy can cast an emerging state as a lightweight or a pushover. Effective bargaining is therefore the key to balancing these extremes.

Established powers also need straightforward solutions to pressing dilemmas. If the aims of a new power are limited, then engagement is a worthwhile enterprise. If its aims are radically revisionist or revolutionary, then established powers may have to contain it. Assessing the intentions of new powers and responding appropriately is crucial for the maintenance of international peace. In this enlightening study, *Amrita Narlikar* pinpoints successful negotiating strategies for rising powers. Focusing on three of the most important candidates now vying for international recognition—Brazil, China, and India—she underscores the commonalities in their diplomatic efforts and isolates the striking differences. Her study aids both emerging players and established countries struggling to reconcile evolving balances of power.

Amrita Narlikar is University Senior Lecturer in the Department of Politics and International Studies, University of Cambridge, and an official fellow of Darwin College, Cambridge. Her books include *International Trade and Developing Countries: Bargaining*

Coalitions in the GATT and WTO and The World Trade Organization: A Very Short Introduction. She has also edited several volumes, including *Deadlocks in Multilateral Negotiations: Causes and Solutions*.

July 2010 208pp HB Price: \$. 45.00

Pomodoro!: A History of the Tomato in Italy

David Gentilcore

More than just the beloved base ingredient of so many of our favorite dishes, the tomato has generated both profound riches and controversy in its farming, processing, exchange, and consumption. It is a crop infused with national pride and passion for those who grow it, and a symbol of Old World nostalgia for those who claim its history and legacy.

Over time, the tomato has embodied a range of values and meanings. From its domestication in Central America, it has traveled back and forth across the Atlantic, powering a story of aspiration and growth, agriculture and industry, class and identity, and global transition. In this entertaining and organic history, *David Gentilcore* recounts the surprising rise of the tomato from its New World origin to its Old World significance. From its inauspicious introduction into Renaissance Europe, the tomato came to dominate Italian cuisine and the food industry over the course of three centuries.

Gentilcore explores why elite and peasant cultures took so long to assimilate the tomato into Italian cooking and how it eventually triumphed. He traces the tomato's appearance in medical and agricultural treatises, travel narratives, family recipe books, kitchen accounts, and Italian art, literature, and film. He focuses on Italy's fascination with the tomato, painting a larger portrait of changing trends and habits that began with botanical practices in the sixteenth century and attitudes toward vegetables in the seventeenth and eighteenth centuries, and concluded with the emergence of factory

production in the nineteenth. *Gentilcore* continues with the transformation of the tomato into a national symbol during the years of Italian immigration and Fascism and examines the planetary success of the "Italian" tomato today, detailing its production, representation, and consumption.

David Gentilcore is professor of early modern history at the University of Leicester. He has written widely on the social and cultural history of Italy, from popular religion to the practices of medicine and healing. He is the author of *Medical Charlatanism in Early Modern Italy*, which was awarded the Jason A. Hannah Medal by the Royal Society of Canada.

June 2010 272pp HB Price: \$. 26.95

Tips for Cyber Safety.....



- **Have a strong password:** the first step in ensuring your safety online is having a strong password. Surveys have revealed that "password" is actually the most popular word used. Think of it more as a pass-phrase than a password, example *itake463bustowork*. This will make it difficult for dictionary-based software to guess your password. Examples of bad passwords, include your birth date, birth year, ordinary words, names of loved ones, etc. capitalize random letters or insert numbers for added security.
 - When banking online always look for "https://" in the address bar. The **S** indicates a secure, encrypted connection. Virtual keyboards help protect you against malicious keyloggers which capture the keystrokes you enter on a physical keyboard to log in.
 - Always use original software. Update the computer's operating system with the latest security patches when they become available. Use proper antivirus and antispyware tools, which are updated regularly.
-Courtesy: "Chip Magazine"

Log-Gases and Random Matrices

Peter J. Forrester

Random matrix theory, both as an application and as a theory, has evolved rapidly over the past fifteen years. **Log-Gases and Random Matrices** gives a comprehensive account of these developments, emphasizing log-gases as a physical picture and heuristic, as well as covering topics such as beta ensembles and Jack polynomials.

Peter Forrester presents an encyclopedic development of log-gases and random matrices viewed as examples of integrable or exactly solvable systems. Forrester develops not only the application and theory of Gaussian and circular ensembles of

Peter J. Forrester is professor of mathematics at the University of Melbourne.

July 2010 808pp HB Price: \$. 99.50

From Populations to Ecosystems:

Theoretical Foundations for a New Ecological Synthesis (MPB-46)

Michel Loreau

The major subdisciplines of ecology--population ecology, community ecology, ecosystem ecology, and evolutionary ecology--have diverged increasingly in recent decades. What is critically needed today is an integrated, real-world approach to ecology that reflects the interdependency of biodiversity and ecosystem functioning. *From Populations to Ecosystems* proposes an innovative theoretical synthesis that will enable us to advance our fundamental understanding of ecological systems and help us to respond to today's emerging global ecological crisis.

Michel Loreau begins by explaining

how the principles of population dynamics and ecosystem functioning can be merged.

He then addresses key issues in the study of biodiversity and ecosystems, such as functional complementarity, food webs, stability and complexity, material cycling, and metacommunities. Loreau describes the most recent theoretical advances that link the properties of individual populations to the aggregate properties of communities, and the properties of functional groups or trophic levels to the functioning of whole ecosystems, placing special emphasis on the relationship between biodiversity and ecosystem functioning. Finally, he turns his attention to the controversial issue of the evolution of entire ecosystems and their properties, laying the theoretical foundations for a genuine evolutionary ecosystem ecology.

From Populations to Ecosystems points the way to a much-needed synthesis in ecology, one that offers a fuller understanding of ecosystem processes in the natural world.

Michel Loreau is professor and Canada Research Chair in theoretical ecology at McGill University.

Table of Contents:

- Acknowledgments vii
- Preface: On Unifying Approaches in Ecology ix
- Chapter 1: Population and Ecosystem Approaches in Ecology 1
- Chapter 2: The Maintenance and Functional Consequences of Species Diversity
- Chapter 3: Biodiversity and Ecosystem Functioning
- Chapter 4: Food Webs, Interaction Webs, and Ecosystem Functioning
- Chapter 5: Stability and Complexity of Ecosystems: New Perspectives on an Old Debate
- Chapter 6: Material Cycling and the Overall Functioning of Ecosystems
- Chapter 7: Spatial Dynamics of Biodiversity and Ecosystem Functioning: Metacommunities and Metaecosystems
- Chapter 8: Evolution of Ecosystems and Ecosystem Properties
- Chapter 9: Postface: Toward an Integrated, Predictive Ecology

References . Index

Aug. 2010 328pp PB Price: \$. 45.00
HB Price: \$. 99.50

Website of the month..!

<http://www.learnerstv.com>

This is a comprehensive site providing thousands of downloadable Video lectures, Live Online Tests, etc in the fields of Biology, Physics, Chemistry, Mathematics, Computer Science, Engineering, Medicine, Management and Accounting, Dentistry, Nursing, Psychology, History, Language Training, Literature, Law etc FREE to its visitors...



New....

Cinema, Emergence, and the Films of Satyajit Ray

Keya Ganguly

Although revered as one of the world's great filmmakers, the Indian director Satyajit Ray is described either in narrowly nationalistic terms or as an artist whose critique of modernity is largely derived from European ideas. Rarely is he seen as an influential modernist in his own right whose contributions to world cinema remain unsurpassed. In this benchmark study, *Keya Ganguly* situates Ray's work within the internationalist spirit of the twentieth century, arguing that his film experiments revive the category of political or "committed" art. She suggests that in their depictions of Indian life, Ray's films intimate the sense of a radical future and document the capacity of the image to conceptualize a different world glimpsed in the remnants of a disappearing past.

Anved Ashby is Professor of Music at the Ohio State University

June 2010 274pp PB Price: \$. 24.95
HB Price: \$. 60.00

Soccer Empire The World Cup and the Future of France

Laurent Dubois

When France both hosted and won the World Cup in 1998, the face of its star player, Zinedine Zidane, the son of Algerian immigrants, was projected onto the Arc de Triomphe. During the 2006 World Cup finals, Zidane stunned the country by ending his spectacular career with an assault on an Italian player. In **Soccer Empire**, *Laurent Dubois* illuminates the connections between empire and sport by tracing the story of World Cup soccer, from the Cup's French origins in the 1930s to Africa and the Caribbean and back again. As he vividly recounts the lives of two of soccer's most electrifying players, Zidane and his outspoken teammate, Lilian Thuram, *Dubois* deepens our understanding of the legacies of empire that persist in Europe and brilliantly captures the power of soccer to change the nation and the world.

Laurent Dubois is Professor of French and History at Duke University. He is the author of a number of award-winning books, including *Avengers of the New World: The Story of the Haitian Revolution*.

June 2010 353pp HB Price: \$. 27.50

*"Those that fail to learn from
history, are doomed to repeat
it."*

- Winston Churchill

*I hear and I forget,
I see and I remember,
I do and I understand*

- Confucius



The University of Chicago Press

Tacit and Explicit Knowledge

Harry Collins

Much of what humans know we cannot say. And much of what we do we cannot describe. For example, how do we know how to ride a bike when we can't explain how we do it? Abilities like this were called "tacit knowledge" by physical chemist and philosopher Michael Polanyi, but here *Harry Collins* analyzes the term, and the behavior, in much greater detail, often departing from Polanyi's treatment.

In Tacit and Explicit Knowledge, *Collins* develops a common conceptual language to bridge the concept's disparate domains by explaining explicit knowledge and classifying tacit knowledge. *Collins* then teases apart the three very different meanings, which, until now, all fell under the umbrella of Polanyi's term: relational tacit knowledge (things we could describe in principle if someone put effort into describing them), somatic tacit knowledge (things our bodies can do but we cannot describe how, like balancing on a bike), and collective tacit knowledge (knowledge we draw that is the property of society, such as the rules for language). Thus, bicycle riding consists of some somatic tacit knowledge and some collective tacit knowledge, such as the knowledge that allows us to navigate in traffic. The intermixing of the three kinds of tacit knowledge has led to confusion in the past; *Collins's* book will at last unravel the complexities of the idea.

Tacit knowledge drives everything from language, science, education, and management to sport, bicycle riding, art, and our interaction with technology. In *Collins's* able hands, it also functions at last as a framework for understanding human behavior in a range of disciplines.

Harry Collins is distinguished research professor of sociology and director of the Centre for the Study of Knowledge, Expertise, and Science at Cardiff University. He is coauthor of *Rethinking Expertise and Dr. Golem: How to Think about Medicine*, and the author of *Gravity's Shadow: The Search for Gravitational Waves*, all published by the University of Chicago Press.

June 2010 200pp HB Price: \$. 32.50

Nietzsche, Psychology, and First Philosophy

Robert B. Pippin

Friedrich Nietzsche is one of the most elusive thinkers in the philosophical tradition. His highly unusual style and insistence on what remains hidden or unsaid in his writing make pinning him to a particular position tricky. Nonetheless, certain readings of his work have become standard and influential. In this major new interpretation of Nietzsche's work, *Robert B. Pippin* challenges various traditional views of Nietzsche, taking him at his word when he says that his writing can best be understood as a kind of psychology. *Pippin* traces this idea of Nietzsche as a psychologist to his admiration for the French moralists: La Rochefoucauld, Pascal, Stendhal, and especially Montaigne. In distinction from philosophers, *Pippin* shows, these writers avoided grand metaphysical theories in favor of reflections on life as lived and experienced. Aligning himself with this project, Nietzsche sought to make psychology "the queen of the sciences" and the "path to the fundamental problems." *Pippin* contends that Nietzsche's singular prose was an essential part of this goal, and so he organizes the book around four of Nietzsche's most important images and metaphors: that truth could be a woman, that a science could be gay, that God could have died, and that an agent is as much one with his act as lightning is with its flash.

Expanded from a series of lectures *Pippin* delivered at the Collège de France, Nietzsche, Psychology, and

First Philosophy offers a brilliant, novel, and accessible reading of this seminal thinker.

Robert B. Pippin is the Evelyn Stefansson Net Distinguished Service Professor in the John U. Nef Committee on Social Thought, the Department of Philosophy, and the College at the University of Chicago. He is the author or editor of nearly a dozen books, including, most recently, *Hegel's Practical Philosophy: Rational Agency as Ethical Life*.

June 2010 152pp HB Price: \$. 29.00



facet publishing

Forthcoming....

Digital Curation

A how-to-do-it manual

Ross Harvey

International authority *Ross Harvey's* new how-to-do-it manual is the first one-stop resource in digital curation, and guides readers to understand and make the best use of the wide-ranging combinations of strategies, technological approaches, and activities that apply to this rapidly-emerging field. Any information professional who appraises, selects, organizes, or maintains digital resources acts as a digital curator. Whether you are a librarian, archivist, or records manager, you will find useful concepts here whatever your professional setting.

Harvey offers an in-depth, start-to-finish explanation of the digital curation process, and clarifies each step in the Digital Curation Centre's (DCC) lifecycle model, including: • create or receive • appraise and select • ingest • preservation action • store • access, use, and reuse • transform.

You will learn best practices for improving data access, quality, and protection, and find time-saving tools such as an extensive directory of online

resources, tutorials and further references in the area. Book buyers receive exclusive access to a password-protected companion website that offers electronic, customizable versions of planning forms, checklists, and more.

This book's essential techniques and expert advice are crucial to ensuring that today's digital resources will be available to and useable by future generations.

Ross Harvey, Professor of Library and Information Management at Charles Sturt University's School of Information Studies, Australia

Aug. 2010 250pp PB Price: £. 44.95

Practical Cataloguing AACR, RDA and MARC21

Anne Welsh and Sue Batley

The launch of Resource Description and Access (RDA) will transform cataloguing standards that have been virtually unchanged for 30 years. Existing standards, as laid out in the Anglo American Cataloguing Rules, have struggled to keep pace with new publishing formats and new publishing practices. RDA provides a more flexible framework for resource description and is likely to be adopted by the major cataloguing agencies. These developments in standards for bibliographic description follow on from the introduction of the MARC21 formats, adopted in the UK in 2004, but poorly covered in existing cataloguing textbooks.

As yet there is little help for cataloguers in the transition to RDA, and a new textbook is urgently needed to assist them in mapping the new standard onto the existing rules for description. This textbook, which builds on John Bowman's highly regarded *Essential Cataloguing*, will fill that gap. It features coverage of FRBR (Functional Requirements of Bibliographic Records) and FRAD (Functional Requirements of Authority Data), on which the new rules are built, and will also explore how DA elements can be incorporated into MARC21.

The key chapters are: • introduction to catalogues and cataloguing standards • publication formats and bibliographic elements access points and headings • RDA: the new standard, its development, structure and features • AACR and RDA: the similarities and differences between the two standards • the MARC21 record, studying tags, indicators and sub-field codes • summary, outlining the major issues.

The new code will be crucial in ensuring that continually emerging new formats are made fully accessible by users. The cataloguing standards are internationally applied, so this timely new guide will have global application. It will be essential reading for students of library and information studies and practising library and information professionals in all sectors. It will also be of great interest to the archives sector.

Anne Welsh, Lecturer in Library and Information Studies, Department of Information Studies, University College London, and **Sue Batley**, Course Director, MA in Information Management, London Metropolitan University.

Aug. 2010 224pp PB Price: £. 39.95

Laugh.....!

As the stranger enters a village store, he spots a sign: "Danger ! Beware of Dog!". Inside, he sees a harmless old hound asleep in the middle of the floor.

Stranger: " Is that the dog we're supposed to beware of ?" he asks the owner.

"That's him," comes the reply.

Stranger: "He doesn't look dangerous to me. Why would you post that sign?"

Storekeeper: "Before I poste it, people kept tripping over him."

Yale University Press

New & Forthcoming....

Venice
An Architectural Guide

Richard Goy

Each year, millions of visitors travel to Venice to admire the architectural marvels of this famed city. In this brief yet comprehensive volume, distinguished architect and critic *Richard Goy* offers a convenient and accessible guide to the city's piazzas, palazzos, basilicas, and other architectural points of interest, as well as pertinent historical details regarding Venice's unique urban environment.

Clearly laid out and fully illustrated in color, this handbook is designed around a series of expertly planned walking tours that encompass not only the city's most admired architectural sites but also its lesser-known gems. Specially made maps accompany each walking tour and provide additional references and insights alongside introductory chapters on the city's architectural history, urban design, and building materials and techniques. Featuring a complete bibliography, glossary of key terms, and other useful reference materials, *Goy's* guide will appeal both to travelers who desire greater architectural context and analysis than a traditional guide may provide and to return visitors looking to rediscover Venice's most enchanting sites.

Richard Goy is a practicing architect and has written several books on the architectural history of Venice.

Jun 2010 320pp PB **Price: \$. 28.00**

The Spirit of the Buddha

Martine Batchelor

In this slim, enlightening volume, internationally recognized Buddhist teacher *Martine Batchelor* presents the basic tenets and teachings of the Buddha through a selection of essential texts from the Pali canon, the earliest Buddhist scriptures.

Viewed by scholars as the actual substance of the historical teachings (and possibly even the words) of the Buddha, these texts are essential to an understanding of the Buddhist faith, and *Batchelor* illuminates them with her lucid analysis and interpretations. Both accessible to nonpractitioners and helpful to scholars, **The Spirit of the Buddha** touches upon key themes, including dharma, compassion, meditation, and peace, among others, creating a panoramic view of one of the world's most widely practiced faiths that is deeply rooted in its most vital texts.

Martine Batchelor, a former Buddhist nun, studied Zen Buddhism under the guidance of Kusan Sunim and is the author of *Let Go*, *Women in Korean Zen*, *Buddhism and Ecology*, *Principles of Zen*, *Meditation for Life*, and *The Path of Compassion: The Bodhisattva Precepts*, a translation of the Chinese *Brahma's Net Sutra*. She lives in France.

July 2010 192pp PB **Price: \$. 15.00**

Interesting Facts...!

- Many years ago, a fish was caught that was 33 inches long and seemed to be heavier than it should. When they cut the fish, fishermen found a full of bottle of ale inside it !
- John F. Kennedy's rocking chair was auctioned off for \$453,500 !
- A honey bee strikes its wings about 11,500 times a minute !
- A German World War II submarine was sunk due to malfunction of the toilet !
- Orville Wright, a pilot, was involved in the first aircraft accident. His passenger, a Frenchman, was killed !
- The word "Oral-B" is a combination of oral hygiene and the letter B, which stands for the word "better." !



CABI Publishing

The Soybean: Botany, Production and Uses

G Singh, Punjab Agricultural University, India

The soybean is a crop of global importance and is one of most frequently cultivated crops worldwide. It is rich in oil and protein, used for human and animal consumption as well as for industrial purposes. Soybean plants also play an important role in crop diversification and benefit the growth of other crops, adding nitrogen to the soil during crop rotation. With contributions from eminent researchers from around the world.

The Soybean provides a concise coverage of all aspects of this important crop, including genetics and physiology, varietal improvement, production and protection technology, utilization and nutritional value.

July 2010 480pp HB **Price: £. 95.00**

Health-Promoting Properties of Fruits and Vegetables

L Terry, Cranfield University, UK

Fruits and vegetables are among the richest sources of ascorbic acid, other antioxidants and they produce specific bioactive compounds. A General concensus from health experts has confirmed that an increased dietary intake of antioxidant compounds found in most fresh produce types may protect against oxidative damage caused by free radicals and reduce the incidence of certain cancers and chronic diseases.

This work collectively discusses and reviews empirical data on the health promoting properties of all fresh produce types, and it provides detailed information on the identity, nature, bioavailability, chemopreventive

effects and postharvest stability of specific chemical classes with known bioactive properties. In addition, chapters discuss the various methodologies for extraction, isolation, characterization and quantification of bioactive compounds and the in-vitro and in-vivo anticancer assays.

July 2010 400pp HB Price: £. 95.00

RSC Publishing

New....

Ecosystem Services

R M Harrison , R E Hester

As human populations grow, so do the resource demands imposed on ecosystems, and the impacts of anthropogenic use and abuse are becoming ever more apparent. This has led to the development of the concept of ecosystem services, which describes the beneficial functions provided by ecosystems for human society.

Ecosystem services are limited and hence threatened by over-exploitation, and there is an urgent imperative to evaluate trade-offs between immediate and long-term human needs and to take action to protect biodiversity, which is a key factor in delivering ecosystem services. To help inform decision-makers, economic value is increasingly being associated with many ecosystem services and is often based on the replacement with anthropogenic alternatives. The on-going challenges of maintaining sustainable ecosystems and prescribing economic value to nature is prompting multi-disciplinary shifts in how we recognise and manage the environment.

This volume brings together emerging topics in environmental science, making an excellent source for policy makers and environmental consultants working in the field or related areas. **Ecosystem Services** also serves as a concise and referenced primer for advanced students and researchers in environmental science and management.

Ronald E Hester is at the University of York, UK. **Roy M Harrison** is at the University of Birmingham, UK

2010 192pp HB Price: £. 59.95

Mass Spectrometry and Nutrition Research

Laurent Bernard Fay, Martin Kussmann

Mass spectrometry has developed into a platform for the assessment of health, sensory, quality and safety aspects of food. Current nutrition research focuses on unraveling the link between acute or chronic dietary and nutrient intake and the physiological effects at cellular, tissue and whole body level. The bioavailability and bioefficacy of food constituents and dose-effect correlations are key to understanding the impact of food on defined health outcomes. To generate this information, appropriate analytical tools are required to identify and quantify minute amounts of individual compounds in highly complex matrices (such as food or biological fluids) and to monitor molecular changes in the body in a highly specific and sensitive manner. Mass spectrometry has become the method of choice for such work and now has broad applications throughout all areas of nutrition research.

This book focuses the contribution of mass spectrometry to the advancement of nutrition research. Aimed at students, teachers and researchers, it provides a link between nutrition and analytical biochemistry. It guides nutritionists to the appropriate techniques for their work and introduces analytical biochemists to new fields of application in nutrition and health.

The first part of the book is dedicated to the assessment of macro- and micro-nutrient status with a view to making dietary recommendations for the treatment of diet-related diseases. The second part shows how mass spectrometry has changed nutrition research in fields like energy metabolism, body composition, protein turnover, immune modulation and

cardiovascular health.

Laurent B. Fay is currently Head of the BioAnalytical Science Department at the Nestlé Research Center in Switzerland. Dr. Fay is the author of more than 150 peer-reviewed publications. He is a member of the American Society for Mass Spectrometry and an honorary member of the Swiss Group for Mass Spectrometry.

Prof. Dr. Martin Kussmann leads the Functional Genomics Group at the Nestlé Research Centre and is Honorary Professor at the Faculty of Science, Aarhus University, Denmark. Prof. Kussmann holds a M.Sc. and a Ph.D. in Chemistry, obtained at the Universities of Aachen and Konstanz, Germany, and at the University of California, San Francisco, USA

Prof. P. Roepstorff, University of Southern Denmark, Odense.

2010 360pp HB Price: £. 121.99



New....

Bioenergy and Biofuel from Biowastes and Biomass

Samir K. Khanal, Rao Y. Surampalli, Tian C. Zhang, Buddhi P. Lamsal, R.D. Tyagi, C.M. Kao.

Sponsored by the Bioenergy and Biofuel Task Committee of the Environmental Council of the Environmental and Water Resources Institute of ASCE.

This book is one of the first to provide in-depth technical information on the broad topics of biofuel and bioenergy with extensive illustrations, case studies, summary tables, and up-to-date references. Biofuel and bioenergy produced from biowastes and biomass is a clean energy source that can be produced renewably.

The 21 chapters of this book offer state-of-the-art reviews, current research, and technology developments with respect to first-, second-, and third-generation biofuels and bioenergy. The book focuses on the biological/biochemical pathway, as this option has been reported to be the most cost-effective method for biofuel/bioenergy production. The opening chapter gives an overview of the current status of biofuel and bioenergy production. Subsequent chapters cover biomethane production, microbial fuel cells, feedstock production, preprocessing, biomass pretreatment, enzyme hydrolysis, and syngas fermentation. Algal processes for biofuel production, biobutanol production, bioreactor systems, and value-added processing of biofuel residues are included.

This book addresses life-cycle analyses of first- and second-generation biofuels (from corn, soybean, jatropha, and cellulosic biomass) and the emerging applications of nanotechnology in biofuel/bioenergy production. Each chapter builds a foundation for the one that follows, and each chapter concludes with current research trends and further research needs.

This book will be valuable to researchers, instructors, senior undergraduate and graduate students, decision-makers, professionals, and others interested in the field of biofuel/bioenergy.

2010 522pp PB Price: \$. 140.00

Ultrafine Cement in Pressure Grouting

Raymond W. Henn, Ph.D., P.G.; Nathan C. Soule, P.E., P.G.

Ultrafine Cement in Pressure Grouting presents the technical and practical information required by engineers to plan and implement grouting programs that are cost effective and technically sound. As a key component of modern grouting programs, ultrafine cement is an ideal

solution for geotechnical engineers and construction contractors who are grappling with the challenges of managing costs while developing sites that may be less than ideal. Increasingly, the virtues of ultrafine cement lead engineers and contractors to use it rather than the less-expensive portland cements.

The authors concisely define ultrafine cement, describe its engineering properties, and explain its manufacture, packaging, and storage. Mixing and pumping procedures and quality control issues are covered, as well as recommendations for specifying ultrafine cement in contracts. An appendix offers 16 brief project descriptions.

Ultrafine Cement in Pressure Grouting is a fundamental reference that will be consulted frequently by geotechnical engineers who specify grouting materials for construction projects.

Raymond W. Henn, Ph.D., P.G., is a principal of Lyman Henn, Inc., where he is responsible for tunnel and underground engineering and for construction management services. He is the author of *Practical Guide to Grouting of Underground Structures* (ASCE Press, 1996) and the editor of *AUA Guidelines for Backfilling and Contact Grouting of Tunnels and Shafts* (ASCE Press, 2003).

Nathan C. Soule, P.E., P.G., A.M.ASCE, is a project engineer at Lyman Henn, Inc., working on geotechnical and geological projects.

2010 82pp PB Price: \$. 65.00

"We come to love not by finding a perfect person, but by learning to see an imperfect person perfectly."

- Sam Keen

Health Watch...

Home Health Checks that can save your Life...!

Do a Wheeze Check

(Untreated asthma leads to thousands of deaths a year)

Asthma can make exercising a struggle and everyday activities a challenge. But it's often overlooked, especially in adults. In one recent study of more than 4000 African American men and women, 10 per cent had signs of undiagnosed asthma. Experts say that about the same proportion of people over age 65 have the disease without knowing it. "You may think you're just having breathing problems because you're getting older," says researcher Paul Enright, MD of the University of Arizona. "But don't downplay it. Undiagnosed asthma can make life more difficult, and could even be deadly."

Home Check : Ask yourself these two questions used to assess respiratory health in a pair of studies involving nearly 27,000 people. The questions are simple, but they can identify 90 percent of people with asthma: 1. Do you have wheeze sometimes ? 2. Do you experience shortness of breath while you're exercising or exerting yourself ?

Your next Step: If you answered yes to one or both questions, ask your doctor to check you for asthma. Dr. Enright says. Your physician may prescribe an inhaled asthma medication to see if it helps. Or she may perform what's known as a spirometry test and, if that signals asthma, an inhalation challenge--both of which help your doctor gauge your lung function.

.....Courtesy: **Reader's Digest**