

**SciTech Book News** reviews books in the physical and biological sciences, mathematics, medicine, engineering, technology, and agriculture. We emphasize graduate level texts, serious scholarly treatises, and professional references. Our goal is to characterize titles for academic and research librarians and others responsible for selecting or recommending sci-tech-med books. Quick listing is our hallmark.

Reviews are sequenced by Library of Congress classification. This brief abridgement of the LC classification system can be used as a table of contents.

<b>A</b> General Works	<b>R</b> Medicine
<b>B</b> Philosophy, Religion, Psychology	RA Medicine (Public Aspects)
<b>C</b> History	RB Pathology
<b>G</b> Geography	RC Internal Medicine, Psychiatry
GB Physical Geography	RD-RS Medical Specialties
GC Oceanography	RT Nursing
GN Anthropology	RV Other Systems
GV Recreation	<b>S</b> Agriculture
<b>H</b> Social Sciences	SB Plant Culture
<b>J</b> Political Science	SD Forestry
<b>K</b> Law	SF Animal Culture
<b>L</b> Education	SH Aquaculture
<b>M</b> Music	<b>T</b> Technology (General)
<b>N</b> Fine Arts	TA Engineering (General & Civil)
NA Architecture	TD Environmental Technology
<b>P</b> Language & Literature	TE-TFRoad & Railroad Engineering
<b>Q</b> Science (General)	TJ Mechanical Engineering & Machinery
QA Mathematics, Computer Science	TK Electrical & Nuclear Engineering
QB Astronomy	TN Mining & Mining Engineering
QC Physics	TP Chemical Technology
QD Chemistry	TS Manufactures
QE Geology	TT Industrial Arts
QH Natural History, Biology, Cytology	<b>U</b> Military Science
QK Botany	<b>V</b> Naval Science
QL Zoology	<b>Z</b> Bibliography & Books
QM Human Anatomy	
QP Physiology	
QR Microbiology	

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## BOOK NEWS

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### PHILOSOPHY

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B753 2007-025721 978-0-415-44499-6  
**Ibn `Arabi, time and cosmology.**  
 Yousef, Mohamed Haj. (Culture and civilisation in the Middle East)  
 Routledge, ©2008 223 p. \$140.00

Among Ibn `Arabi's most controversial theories is the oneness of being, a concept which is imbued with questions about the character of time and its relationship with the cosmos and its relationship with the Creator. Yousef (physics, United Arab Emirates U.) takes on this challenging question by comparing Ibn `Arabi's approach with that of modern physics and cosmology. Yousef takes an interdisciplinary approach that includes philosophy, cosmology, physics and theology as he explains Ibn `Arabi's concept of time and days, the significance of the divine week and its seven days, the actual flow of time, the nature of unicity and multiplicity, the Single Monad model of the cosmos and its implications for modern physics. Along the way he finds possible solutions for such awkward elements of current models as Zeno's paradoxes of motion and current discrepancies between quantum mechanics and relativity.

B818 2007-014520 978-1-4051-4912-9  
**Charles Darwin.**  
 Ruse, Michael. (Blackwell great minds; 4)  
 Blackwell Publishing, ©2008 337 p. \$74.95

Ruse (philosophy, Florida State U.) brings to the series his long philosophical interest in both biology and Darwin (1809-82). He explores the English naturalists' philosophical thoughts as he developed his theories on evolution, and the philosophical implications of his discoveries and interpretations of them. He also considers neo-Darwinism, which is how most people today understand his work.

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### PSYCHOLOGY

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BF39 2007-042292 978-0-7494-5080-9  
**Psychometrics in coaching; using psychological and psychometric tools for development.**

Title main entry. Ed. by Jonathan Passmore.  
 Kogan Page Ltd., ©2008 350 p. \$50.00 (pa)

Passmore (University of East London) provides an overview of some of the key psychometric tests that executive coaches, consultants, and human resources managers can use to develop individuals in and out of the workplace. For coaches new to psychometric testing, the first two chapters of the book explain basic concepts such as validity and reliability, and offer insight on giving feedback. In the rest of the book, international contributors, including coaching practitioners and psychometricians, explain the theory and research underpinning specific instruments, and give tips on how to select and apply them effectively. The book is for new and experienced practitioners using psychometric tests, as well as students in psychology, psychometrics, business, and human resources management.

Watch for four stars: The stars you see at the beginning of some annotations can help with collection development. They indicate that a previous edition has been cited in *Books for College Libraries, 3rd ed.*, in *Guide to Reference Books*, or in other standard references.

BF76 978-1-60021-924-5

**Advances in psychology research; v.53.**

Title main entry. Ed. by Alexandra M. Columbus. (Series: title)  
 Nova Science Publishers, ©2008 231 p. \$129.00

Volume 53 of the eponymous series, this title begins with two commentaries on the question of interoception, stable characteristic, or person-by-person interaction (from a team of Belgian research psychologists at the U. of Leuven), and a call for a forum for persons who are harmed by forensic reports (from a scholar at the Cambridge (Mass.) Institute of Psychology and Religion). Ten further research and review studies are then presented from worldwide scholars on diverse topics such as test anxiety and its consequences on performance among university students; relationships between mood, coping, and stress symptoms among students who work in schools; the conscious self as a help, hindrance, or irrelevant to the creative process; and term usage difference in a single dataset through collaborative registration. The academic credentials of the editor are not provided, and the title contains an almost impractical range of topics without a central theme.

BF80 2007-045485 978-1-4338-0341-3

**Studying psychology in the United States; expert guidance for international students.**

Title main entry. Ed. by Nadia T. Hasan et al.  
 American Psychological Assn., ©2008 180 p. \$29.95 (pa)

This book is aimed at international students who are considering studying psychology at the graduate level in the US, as well as their supervisors, advisors, and administrators. Through 14 chapters, psychologists and international students provide advice on the advantages and disadvantages of studying in the US, how to find university resources and financial help, and dealing with visa and work permits, in addition to cultural issues, teaching, and conducting research, and deciding whether to pursue employment in America. Hasan and Fouad work in counseling psychology at universities in the US, and Williams-Nickelson is a counseling psychologist and associated with the American Psychological Association of Graduate Students, which hosts a listserv from which the book originated.

BF109 2007-049399 978-0-7864-3292-9

**A biographical dictionary of psychologists, psychiatrists, and psychotherapists.**

Stewart, William.  
 McFarland & Co., ©2008 325 p. \$75.00

Anyone curious about theories and their proponents in the field of psychology and psychiatry will find this an excellent reference. Organized alphabetically by last name, the volume presents entries of over 400 figures who have had an impact in the field. The practitioner's main field of study is noted in prominent type immediately below their name, making it easy for readers to select fields of interest. Each entry contains a brief summary of the figure's place of birth, education, and career, followed by a discussion of their major contributions, and concluding with a list of major publications. The result is a handy and fascinating one-stop reference that will be of interest to students, professionals, and the general reader.