

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.

A	General Works	R	Medicine
B	Philosophy, Religion, Psychology	RA	Medicine (Public Aspects)
C	History	RB	Pathology
G	Geography	RC	Internal Medicine, Psychiatry
GB	Physical Geography	RD-RS	Medical Specialties
GC	Oceanography	RT	Nursing
GN	Anthropology	RV	Other Systems
GV	Recreation	S	Agriculture
H	Social Sciences	SB	Plant Culture
J	Political Science	SD	Forestry
K	Law	SF	Animal Culture
L	Education	SH	Aquaculture
M	Music	T	Technology (General)
N	Fine Arts	TA	Engineering (General & Civil)
NA	Architecture	TD	Environmental Technology
P	Language & Literature	TE-TF	Road & Railroad Engineering
Q	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	U	Military Science
QK	Botany	V	Naval Science
QL	Zoology	Z	Bibliography & Books
QM	Human Anatomy		
QP	Physiology		
QR	Microbiology		

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BOOK NEWS

PSYCHOLOGY

BF38 2008-038168 978-1-4129-6096-0

Psychological assessment and report writing.

Goldfinger, Karen & Andrew M. Pomerantz.

Sage Publications, ©2010 147 p. \$39.95 (pa)

Designed for mental health care professionals in clinical, forensic and educational environments, this guide explores an assessment model for psychological assessment reports that covers referral contexts, the data needed to answer referral questions, the gathering of data, the integration of data and the interpretation and communication of the findings. Goldfinger, a licensed clinical psychologist in Connecticut, has teamed with Pomerantz (psychology, Southern Illinois U. Edwardsville) to provide instructions on the framework of these assessment reports. The authors discuss the use of such psychological tests for intelligence, achievement, neuropsychological factors and personality and include checklists for assessing particular behaviors and symptoms.

BF39 2007-933831 978-1-4129-4723-7

The hidden roots of critical psychology; understanding the impact of Locke, Shaftesbury, and Reid.

Billig, Michael.

Sage Publications, ©2008 219 p. \$99.95

Critical psychology faults mainstream psychology for ignoring how power differences between social classes and groups can impact the mental and physical well-being of individuals or groups. Billig (social sciences, Loughborough University, UK), who treats issues of power and ideology in such works as *Banal Nationalism* (1995), here provides a lens on these issues and the writing of psychological history by focusing on Anthony Ashley Cooper, the 3rd Earl of Shaftesbury (1671-1713 per the chronology), a now little-known rebellious student of early modern period philosopher John Locke. Following an introductory chapter examining the relations between psychology and history, he discusses Locke, Shaftesbury, and Thomas Reid in discourse with each other, Bakhtin, Wittgenstein, Diderot, and other influential thinkers.

BF76 2008-920885 978-1-4129-3441-1

Understanding research methods and statistics in psychology.

Gavin, Helen.

Sage Publications, ©2008 404 p. \$110.00

Gavin (psychology, U. of Huddersfield, UK) presents this text introducing research methods in topics undergraduates in psychology will encounter in their first two years. The chapters progressively offer a general framework and justification for research protocol, moving on to address beginning and complex quantitative research, qualitative research, and the communication of research within the field. Specific chapter topics include inferential statistics, simple experimental designs, survey research, factorial designs with more than one factor, multivariate statistics, theory in qualitative research, participant observation, and discourse analysis. When appropriate, the methods are explained by way of a particular study, covering topics including memory, fear of crime, and aggression in girls, among others.

BF76 2008-042782 978-1-4338-0438-0

What psychology majors could (and should) be doing; an informal guide to research experience and professional skills.

Silvia, Paul J.

American Psychological Assn., ©2009 167 p. \$29.95 (pa)

This guide offers advice for psychology majors getting ready to compete for the limited number of graduate school spots and jobs available to them after graduation. Authors Silva, Peter Delaney, and Stuart Marcovitch assert that getting involved in research is an excellent way to stand out from the crowd and explain how to go about selecting a research mentor and securing a position, and what to expect once on the job. The second half of the book is dedicated to improving professional skills and includes entries on understanding primary sources and journal articles, writing research papers, attending conferences and presenting a research poster or talk. All the authors are associated with the psychology department at the U. of North Carolina at Greensboro.

BF76 2009-007205 978-0-273-71556-6

Your psychology project handbook; becoming a researcher.

Wood, Clare Patricia et al.

Pearson Education, ©2009 202 p. \$26.60 (pa)

This guide to planning research projects and dissertations is aimed at psychology students who need to familiarize themselves with qualitative and quantitative research methods. Wood (developmental psychology, Coventry U., UK), Percy (senior lecturer in qualitative research, Coventry U., UK) and Giles (Reader, U. of Winchester, UK) include tips and advice on preparation, coming up with a research proposal, ethics, managing a supervisor and interpreting results. This volume also includes stories and case studies from past students and supervisors on both their successes and obstacles.

BF81 2008-019311 978-0-7619-3077-8

Foundations of psychological thought; a history of psychology.

Title main entry. Ed. by Barbara F. Gentile and Ben Miller.

Sage Publications, ©2009 670 p. \$64.95 (pa)

Gentile (social psychology, Simmons College, Kentucky) and Miller (experimental psychology, Salem State College, Massachusetts) present advanced undergraduates and above this collection of 38 readings from original sources from Descartes to contemporary authors composing an overview of the history of psychological theory. Annotations from the editors and review activities help provide context for excerpted writings on the following topics: the mind and the body, perceiving, the brain as the "black box," nativism and empiricism, levels of explanation, and normal and abnormal. Thinkers featured include Wilhelm Wundt, Thomas Reid, Sigmund Freud, John Locke, Charles Darwin, Noam Chomsky, Kurt Lewin, Karen Horney, and Samuel B. Guze, among others.

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.