

Research Techniques For The Health Sciences 5th Edition Neutens

Research Techniques For The Health Sciences

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Research Methods in Health Promotion - Laura F. Salazar
2015-03-09

The bestselling textbook to understanding health research, updated and expanded *Research Methods in Health Promotion* provides students and practitioners with essential knowledge and skills regarding the design, implementation, analysis, and interpretation of research in the field of health promotion. Now in its second edition, this bestselling textbook has been updated with more recent research methodologies and additional information on sampling, participatory and survey research, and qualitative data analysis. The entire research process is covered, with specific points relating to both qualitative and quantitative research. By breaking the daunting process of research into simple and well-defined steps, this user-friendly text encourages students to think about research as a sequential process and provides explanations that facilitate better understanding of each step in the research process. A separate set of chapters cover the more quantitative methodological areas including designs, measurement, sampling, and data analysis in depth, giving readers the understanding they need to apply in practice. This book also provides applied chapters that illustrate the practical aspects of the research process, along with other critical information including grant writing and scientific writing. Evaluate the ethics, design, analysis, and interpretation of research Identify and understand the key components of research studies Analyze and interpret the results of experimental and survey research designs Understand the process of publishing a research report and constructing a grant proposal *Research Methods in Health Promotion* is ideal for both undergrad and graduate methods courses in health promotion and public health.

Burns and Grove's The Practice of Nursing Research - E-Book - Jennifer R. Gray 2020-07-21

Winner of the 1st-place American Journal of Nursing Book of the Year award in nursing research/evidence-based practice for 2021! Burns & Grove's *The Practice of Nursing Research: Appraisal, Synthesis, and Generation of Evidence*, 9th Edition is the trusted resource for those wanting to master the research methods that are foundational to evidence-based practice. This highly respected textbook covers how to appraise and apply existing research evidence, as well as how to participate in research and quality improvement projects. This new 9th edition has been extensively updated to reflect today's focus on online research in the digital era and includes clear, step-by-step guidelines for all major quantitative and qualitative research approaches — including supporting examples from the latest high-quality literature. There's also new content on translational research, coverage of the most current research tools and techniques, and an increased use of illustrations, tables, and other visuals to help engage visually oriented readers of all levels. Coverage of quantitative, qualitative, and other research methodologies provides a solid foundation to conduct, appraise, and apply research evidence to the realities of today's clinical practice. Balanced coverage of qualitative and quantitative methods addresses the qualitative research methodologies that are often the starting point of research projects, particularly in magnet hospitals and DNP programs. Clear, comprehensive coverage is organized into five units that include: an introduction to nursing research; coverage of the research process; application for evidence-based health care; how to analyze data, determine outcomes, and disseminate research; and how to propose and seek funding for research. Strong emphasis on evidence-based practice addresses this key graduate-level QSEN competency and reinforces how to generate research evidence and appraise and synthesize existing research for application to clinical practice. Rich examples from nursing

literature bring research principles to life. Emphasis on the most currently used research methodologies focuses on the methods used in both quantitative research and qualitative research, as well as outcomes research and mixed-methods research. Coverage of digital data collection examines the use of online research tools. Quick-reference summaries include a table of research methods inside the front cover and a list of types of research syntheses (with definitions) inside the back cover. Helpful user resources are included with each new text purchase on the companion Evolve website and feature 400 interactive review questions along with a library of 10 full-text research articles.

Health Sciences Literature Review Made Easy - Garrard 2016-08-04
Health Sciences Literature Review Made Easy: The Matrix Method, Fifth Edition describes the practical and useful methods for reviewing scientific literature in the health sciences. Please note that an access code to supplemental content such as Appendix C: Data Visualization is not included with the eBook purchase. To access this content please purchase an access code at www.jblearning.com/catalog/9781284133943/.

Evidence-based Medicine - Sharon E. Straus 2005

The accompanying CD-ROM contains clinical examples, critical appraisals and background papers.

Research Methods for the Behavioral Sciences - Frederick J Gravetter
2015-01-01

RESEARCH METHODS FOR THE BEHAVIORAL SCIENCES, Fifth Edition, helps readers see how interesting and exciting experimental and nonexperimental research can be. Inviting and conversational, the book leads readers through the research process from start to finish. It begins with tips and strategies for generating research ideas, moves to selecting measures and participants, and then offers an examination of research strategy and design. This step-by-step presentation emphasizes the decisions researchers must make at each stage of the process. The authors avoid a cookbook approach by linking terminology with applied concepts; their lecture in a book style makes the text accessible by emphasizing discussion and explanation of topics. Examples and content throughout the book reflect the most current APA guidelines. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Handbook of Research Methodology - 9781545703403

This comprehensive Handbook is aimed at both academic researchers and practitioners in the field of research. The book's 8 chapters, provide in-depth coverage of research methods based on the revised syllabus of various universities especially considering the students of under graduate, post graduate and doctorate level. This book is a product of extensive literature survey made by the authors. The authors have made sincere efforts to write the book in simple language. The book comprises all the aspects according to new syllabus of PCI and APJ Abdul Kalam Technical University, Lucknow. Though this book is intended for the use of pharmacy students of any level yet it can also be useful to students of applied fields and medical students. The book deals with interdisciplinary fields such as finding research problems, writing research proposals, obtaining funds for research, selecting research designs, searching the literature and review, collection of data and analysis, preparation of thesis, writing research papers for journals, citation and listing of references, preparation of visual materials, oral and poster presentation in conferences, minutes of meetings, and ethical issues in research. At the end of every chapter and book some questions related to chapter have been mentioned for the support of students to understand the subject. Valuable suggestions for the improvement of this book are most

welcome.

Single-Case Research Methods for the Behavioral and Health Sciences - David L. Morgan 2008-08-01

This text introduces readers to the history, epistemology, and strategies of single-case research design. The authors offer concrete information on how to observe, measure, and interpret change in relevant outcome variables and how to design strategies that promote causal inferences. Key Features Includes case vignettes on specific single-case designs Describes clinical and applied case studies Draws on multiple examples of single-case designs from published journals across a wide range of disciplines Covers recent developments in applied research, including meta-analysis and the distinction between statistical and clinical significance Provides pedagogical tools to help readers master the material, including a glossary, interim summaries, end-of-chapter review questions, and activities that encourage active processing of material. Intended Audience This text is intended for students and practitioners in a variety of disciplines—including psychology, nursing, physical therapy, and occupational therapy—who are increasingly called upon to document the effectiveness of interventions.

Basic Research Methods for Librarians - Ronald R. Powell 2004

Any library that does not have a copy of Basic Research Methods for Librarians ought to acquire this edition, and many library schools will want to put it on the list of required readings. It remains the best book on its subject.

Family Relationships and Familial Responses to Health Issues - Sampson Lee Blair 2014-10-13

Around the globe, families are often faced with a variety of health issues, often as a result of social, political, religious, and economic forces. This multidisciplinary volume addresses the impact these issues have on the family as a unit; how they impact family relationships as well as how the family as a whole responds.

Research Methods for Public Health - Stuart McClean 2019-09-30

Research Methods for Public Health offers an in-depth introduction to the theories, concepts, approaches and practices, relevant to research methods in a public health setting. Informed by a socio-ecological model of public health, the book uses real world research examples and contemporary social, political and environmental themes of public health that reflect UK and international contexts. The book provides a straightforward approach to developing a research project and applying methods in practical and realistic ways, using an innovative, integrative approach that combines methodologies. The authors have moved away from traditional approaches to research methods, and include chapters on primary quantitative, qualitative and mixed methods research, evidence synthesis approaches, critical appraisal, research governance and ethics, and dissemination. Essential reading for postgraduate students, researchers and public health practitioners, or individuals preparing for the UK Faculty of Public Health Part A examination.

Mixed Methods Research for Nursing and the Health Sciences - Sharon Andrew 2009-09-24

Mixed methods research combines quantitative and qualitative research methods in a single study. The use of mixed methods research is increasingly popular in nursing and health sciences research. This growth in popularity has been driven by the increasing complexity of research problems relating to human health and wellbeing. Mixed Method Research for Nursing and the Health Sciences is an accessible, practical guide to the design, conduct and reporting of mixed method research in nursing or the health sciences. Each chapter stands alone, describing the various steps of the research process, but contains links to other chapters. Within the text, 'real-life' examples from the published literature, doctoral theses and the unpublished work of the authors, illustrate the concepts being discussed. Places mixed methods research within its contemporary context Includes international contributions from UK, Australia, NZ and USA Provides an accessible introduction to theoretical and philosophical underpinnings Demystifies strategies for analysing mixed methods data Examines strategies for publishing mixed methods research Includes learning objectives and exemplars in each chapter Final chapters provide 'real-life' examples of applied research About the Authors: Sharon Andrew is Head of Program (Postgraduate) and Elizabeth J. Halcomb is Senior Lecturer, School of Nursing & Midwifery, University of Western Sydney. Also of Interest: The Research Process in Nursing (Fifth Edition) Edited by Kate Gerrish and Anne Lacey 978-14051-3013-4 Research Handbook for Healthcare Professionals Mary Hickson 978-14051-7737-5 Real World Research: A Resource for Social Scientists and Practitioner-Researchers Second edition Colin Robson 978-0631-21305-5 Reviewing Research Evidence for Nursing

Practice: Systematic Reviews Edited by Christine Webb and Brenda Roe 978-14051-4423-0

Research Methods in Kinesiology and the Health Sciences - Susan Jean Hall 2014

Wolters Kluwer Health is pleased to introduce this innovative first edition by acclaimed authors Susan Hall and Nancy Getchell aimed at helping students learn vital research skills in an accessible manner. Designed for introductory research methods courses at the beginning graduate and undergraduate levels, Research Methods in Kinesiology includes all major topics conventionally addressed in introductory research methods texts. Taking a practical approach, this book focuses on topics directly related to development of research proposals, since these topics are most relevant to beginning researchers With unique chapters on research writing style and matching statistical tools with research protocols, readers will find this book written in a conversational tone intended to make the topic more readily understood by today's student. Problem-based learning activities help students apply the skills they've learned and prepare for actual research. An online suite of ancillaries rounds out this book and provides instructors with additional support in teaching this critical topic.

Public Health Research Methods - Greg Guest 2014-03-03

Providing a comprehensive foundation for planning, executing, and monitoring public health research of all types, this book goes beyond traditional epidemiologic research designs to cover technology-based approaches emerging in the new public health landscape.

Research Methods in the Social and Health Sciences - Ted Palys 2021-02-03

Research Methods in the Social and Health Sciences: Research Decisions, by Ted Palys and Chris Atchison, gives students a thorough, thoughtful, and highly readable introduction to the entire research process from start to finish. From its underlying premise that your research questions and objectives, rather than any specific method, should guide your research, this book discusses each step of the research process, from limiting the scope of a literature review to navigating ethical considerations to deciding which methods are best suited for finding answers to specific research questions to how to analyze data and present findings. Readers are encouraged to think deeply about each step of the research process. The book promotes this deliberation by discussing the strengths and limitations of different methods and. Throughout the process, the authors provide many examples from their own and student research, sharing insights for research decisions arising from that experience. Readers will develop the skills to create solid research questions, perform literature reviews, identify appropriate data sources and methods, conduct research, analyze and interpret data and translate the resulting knowledge generated from the research process to a wider audience— all core parts of the research process —by developing their knowledge and creating confidence in their own decision-making skills. After explaining the unique and often complementary strengths of qualitative and quantitative methods, students focus on what methods are best suited for finding answers to the research questions that interest them. Major types of research including experiments, case studies, surveys, quasi-experiments, ethnographies, focus groups, participatory action research, and archival studies all receive significant coverage. The text illustrates how these methods are enhanced by integrating them with 21st century technologies and combining them in mixed methods projects. Chapters on constructing a research proposal and disseminating research bookend the process with concrete steps in between to support students designing their own original research projects. Study questions at the end of each chapter encourage students to think critically about the research process and how the choices a researcher makes will broaden or constrain what they can find. By the end of the text, social and health science students will feel confident in undertaking ethical and thoughtful research.

Introduction to Health Research Methods - Kathryn H. Jacobsen 2016-07-29

A step-by-step guide to conducting research in medicine, public health, and other health sciences, this clear, practical, and straightforward text demystifies the research process and empowers students (and other new investigators) to conduct their own original research projects.

Qualitative Research Methods for Health Professionals - Janice M. Morse 1995

With the drastically revised second edition of Qualitative Research Methods for Health Professionals, authors Janice M. Morse and Peggy Anne Field expand on their clear, pragmatic guide to qualitative research

study. Step by step, the book examines the research process, from theory development, approaches and conceptualization of the qualitative project, and writing the research proposal to data collection, analysis, and creation of a qualitative report. Complementing the already rich compendium of first-edition material, the authors respond to new developments in technology and acceptability of qualitative methods with major additions: an extensively revised chapter on the process of analyzing data and original sections on concepts, validity, and triangulation; telephone recording, narratives, and focus group interviews; and the use of computers in fieldwork.

Research Methods for Clinical Therapists E-Book - Carolyn M. Hicks 2009-08-07

Struggling to do a project or dissertation, evaluate published research or conduct your own research? Help is at hand with this 5th edition of *Research Methods for Clinical Therapists*, which explains, in a clear and simple manner, how to evaluate existing research and how to conduct your own research. Aimed at undergraduate and postgraduate students, as well as the practising health care professional, the focus of the text is the design and analysis of experimental studies. These are vital to the effectiveness studies that are central to the work of the healthcare professional. Specific examples from different areas of healthcare are used to explain the core research concepts and relate them to clinical situations. Statistical theory and jargon are kept to a minimum. 'Key concept' boxes to explain technical research terms Activities and exercises (with answers provided in an appendix) to reinforce learning Sample critique of a published research article Comprehensive coverage of the key components of a robust research study Explanation of basic mathematical concepts Extended section on calculating sample sizes Guidelines on the preparation of posters Calculation of Inter-rater reliability measures, including Cohen's Kappa, ICC (interclass correlation) and Bland-Altman graphs of inter-rater agreement Introduction to Receiver Operating Characteristics, for use in screening and diagnostic testing against gold-standards The Thurstone Paired Comparison Technique, valuable in capturing the user voice on a variety of service planning, design and development issues Undertaking Systematic Reviews Relevant further reading for each chapter to support readers in their work.

Health Professions Education - Institute of Medicine 2003-07-01

The Institute of Medicine study *Crossing the Quality Chasm* (2001) recommended that an interdisciplinary summit be held to further reform of health professions education in order to enhance quality and patient safety. *Health Professions Education: A Bridge to Quality* is the follow up to that summit, held in June 2002, where 150 participants across disciplines and occupations developed ideas about how to integrate a core set of competencies into health professions education. These core competencies include patient-centered care, interdisciplinary teams, evidence-based practice, quality improvement, and informatics. This book recommends a mix of approaches to health education improvement, including those related to oversight processes, the training environment, research, public reporting, and leadership. Educators, administrators, and health professionals can use this book to help achieve an approach to education that better prepares clinicians to meet both the needs of patients and the requirements of a changing health care system.

Quantitative Methods for Health Research - Nigel Bruce 2013-03-18

Quantitative Research Methods for Health Professionals: A Practical Interactive Course is a superb introduction to epidemiology, biostatistics, and research methodology for the whole health care community.

Drawing examples from a wide range of health research, this practical handbook covers important contemporary health research methods such as survival analysis, Cox regression, and meta-analysis, the understanding of which go beyond introductory concepts. The book includes self-assessment exercises throughout to help students explore and reflect on their understanding and a clear distinction is made between a) knowledge and concepts that all students should ensure they understand and b) those that can be pursued by students who wish to do so. The authors incorporate a program of practical exercises in SPSS using a prepared data set that helps to consolidate the theory and develop skills and confidence in data handling, analysis and interpretation.

Statistics for the Health Sciences - Christine Dancey 2012-04-04

This is a highly accessible textbook on understanding statistics for the health sciences, both conceptually and via SPSS. The authors give clear explanations of the concepts underlying statistical analyzes and descriptions of how these analyzes are applied in health sciences research without complex statistical formulae. The book takes students

from the basics of research design, hypothesis testing, and descriptive statistical techniques through to more advanced inferential statistical tests that health sciences students are likely to encounter. Exercises and tips throughout the book allow students to practice using SPSS.

Research Techniques for the Health Sciences - James J. Neutens 2014

Research Techniques for the Health Sciences focuses on pragmatic aspects of health science research. Underlying concepts and theory are explained and illustrated through a common-sense approach utilizing case studies. All of the text's case studies are health-oriented in school, community, and hospital settings involving students, teachers, physicians, nurses, and health science researchers. This edition features more applied questions for the case studies, general guidelines on how to create a poster, journal publication, and oral presentation, and reorganized chapters.

Contemporary Research Methods in Pharmacy and Health Services - Shane Dessel 2022-05-10

Emerging methods, as well as best practices in well-used methods, in pharmacy are of great benefit to researchers, graduate students, graduate programs, residents and fellows also in other health science areas. Researchers require a text to assist in the design of experiments to address seemingly age-old problems. New interventions are needed to improve medication adherence, patients' lived experiences in health care, provider-patient relationships, and even various facets of pharmacogenomics. Advances in systems re-engineering can optimize health care practitioners' roles. *Contemporary Research Methods in Pharmacy and Health Services* includes multi-authored chapters by renowned experts in their field. Chapters cover examples in pharmacy, health services and others transcendent of medical care, following a standardized format, including key research points; valid and invalid assumptions; pitfalls to avoid; applications; and further inquiry. This is a valuable resource for researchers both in academia and corporate R&D, primarily in pharmacy but also in health services, and other health disciplines. Social science researchers and government scientists can also benefit from the reading. Provides multi-authored chapters by renowned experts in their field Includes examples for pharmacy and health services and others that are transcendent of medical care Covers key research points, valid and invalid assumptions, pitfalls to avoid, applications, and further inquiry

Introduction to Research in the Health Sciences - Stephen Polgar 2019-11

Now in its 7th edition this textbook is a must have for any health professional student. It provides a comprehensive overview of health research, in a concise and easy to read format using examples directly related to the health sciences. It helps students understand health research models, and how research goes on to inform and improve evidence-based clinical practice. For practitioners it provides guidance on published research in journals, providing an essential tool to keep their practice evidence based. Uses simple language and demystifies research jargon Covers both quantitative and qualitative research methodology, taking a very practical approach Provides an extensive glossary for better understanding of the language of research Fully updated online interactive self-assessment tests including MCQs, true or false questions and short answer questions.

Research Methods in Health - Ann Bowling 2002-01

This second edition has been revised and updated to reflect key methodological developments in health research. It is a comprehensive, easy to read, guide to the range of methods used to study and evaluate health and health services. It describes the concepts and methods used by the main disciplines involved in health research, including: demography, epidemiology, health economics, psychology and sociology. *Research Methods in Health Humanities* - Craig M. Klugman 2019-09-02 *Research Methods in Health Humanities* surveys the diverse and unique research methods used by scholars in the growing, transdisciplinary field of health humanities. Appropriate for advanced undergraduates, but rich enough to engage more seasoned students and scholars, this volume is an essential teaching and reference tool for health humanities teachers and scholars. Health humanities is a field committed to social justice and to applying expertise to real world concerns, creating research that translates to participants and communities in meaningful and useful ways. The chapters in this field-defining volume reflect these values by examining the human aspects of health and health care that are critical, reflective, textual, contextual, qualitative, and quantitative. Divided into four sections, the volume demonstrates how to conduct research on texts, contexts, people, and programs. Readers will find research methods from traditional disciplines adapted to health humanities work,

such as close reading of diverse texts, archival research, ethnography, interviews, and surveys. The book also features transdisciplinary methods unique to the health humanities, such as health and social justice studies, digital health humanities, and community dialogues. Each chapter provides learning objectives, step-by-step instructions, resources, and exercises, with illustrations of the method provided by the authors' own research. An invaluable tool in learning, curricular development, and research design, this volume provides a grounding in the traditions of the humanities, fine arts, and social sciences for students considering health care careers, but also provides useful tools of inquiry for everyone, as we are all future patients and future caregivers of a loved one.

Introduction to Research - Elizabeth DePoy 1998

Updated to reflect changes that have occurred in health care and human service research since the first edition, *Introduction to Research: Understanding and Applying Multiple Strategies*, 2nd edition, recognizes and values multiple research strategies. It proposes that naturalistic and experimental-type research strategies have equal value and contribute in complementary and distinct ways to a science of practice. Knowledge of these different research traditions presents new opportunities for addressing the complex research questions that are emerging as a consequence of today's constantly changing health care and human service environments.

Social Science Research - Anol Bhattacharjee 2012-04-01

This book is designed to introduce doctoral and graduate students to the process of conducting scientific research in the social sciences, business, education, public health, and related disciplines. It is a one-stop, comprehensive, and compact source for foundational concepts in behavioral research, and can serve as a stand-alone text or as a supplement to research readings in any doctoral seminar or research methods class. This book is currently used as a research text at universities on six continents and will shortly be available in nine different languages.

Health Sciences Literature Review Made Easy - Judith Garrard 2013-05-20

Health Sciences Literature Review Made Easy: The Matrix Method, Fourth Edition helps students and practitioners better understand scientific literature by instilling the essential skills (via the matrix method) needed to evaluate article findings critically. Covered at the most basic level are the fundamental principles of searching, organizing, reviewing, and synthesizing. Woven throughout the text are visual examples and a single case study. This easy-to-read and practical reference is an invaluable aid to students, researchers, and practitioners. This text also features access to the *Navigate Companion Website* to accompany *Health Sciences Literature Review Made Easy*, Fourth Edition which offers a variety of resources to enhance your course and provides students with a solid foundation and the tools they need to evaluate articles and research effectively. The *Navigate Companion Website* is comprised entirely of bonus content not found in the book. This is an excellent additional resource for students! Key Features:

- Bonus Appendix called "Appendix C: Data Visualization—A Digital Exploration" is an 11-part appendix that walks students through learning about data visualization using nine author podcasts as well as outside resources, such as TED talks, articles, and blogs
- Objectives exclusive to the appendix for students to complete

Each new copy of *Health Sciences Literature Review Made Easy*, Fourth Edition features access to the *Navigate Companion Website* at no additional cost. Online access to the *Navigate Companion Website* may be purchased separately by adding this product to the shopping cart. To preview the *Companion Website* visit go.jblearning.com/garrardcws4e.

Measurement in Nursing and Health Research - Dr. Carolyn F. Waltz, PhD, RN, FAAN 2010-04-17

Designated a Doody's Core Title! "This is a valuable resource for readers seeking basic to advanced information on measurement. It should be on the bookshelf of all researchers, and a requirement for graduate nursing students." Score: 100, 5 stars--Doody's Medical Reviews "...this book is a wonderful shelf reference for nurse researcher mentors and investigators who may need to explore content or use content to design, test, select, and evaluate instruments and methods used in measuring nurse concepts and outcomes."--Clinical Nurse Specialist This fourth edition presents everything nurses and health researchers need to know about designing, testing, selecting, and evaluating instruments and methods for measuring in nursing. Thoroughly updated, this fourth edition now contains only the latest, most cutting-edge measurement instruments that have direct applicability for nurses and health researchers in a

variety of roles, including students, clinicians, educators, researchers, administrators, and consultants. Using clear and accessible language, the authors explain in detail, and illustrate by example, how to conduct sound measurement practices that have been adequately tested for reliability and validity. This edition is enriched with topics on the leading edge of nursing and health care research, such as measurement in the digital world, biomedical instrumentation, new clinical data collection methods, and methods for measuring quality of care. Key features:

- Provides new and emerging strategies for testing the validity of specific measures
- Discusses computer-based testing: the use of Internet research and data collection
- Investigates methods for measuring physiological variables using biomedical instrumentation
- Includes information on measurement practices in clinical research, focusing on clinical data collection methods, such as clinimetrics
- Identifies the challenges of measuring quality of care and how to address them

Mixed Methods in Health Sciences Research - Leslie Curry 2014-09-30

Mixed Methods in Health Sciences Research: A Practical Primer, by Leslie Curry and Marcella Nunez-Smith, presents key theories, concepts, and approaches in an accessible way. Packed with illustrations from the health sciences literature, this ready-to-use guidebook shows readers how to design, conduct, review, and use mixed methods research findings. Helpful checklists, figures, tables, templates, and much more give readers examples that will elevate the quality of their research, facilitate communication about their methods, and improve efficiency over the course of their projects. Real-world examples and insights from mixed methods researchers provide unique perspectives on every aspect of mixed methods research. This book successfully pulls together foundational mixed methods principles, synthesizes the knowledge base in the field, and translates it for a health science researcher audience. "The content is highly applicable to real life research teams in the areas of clinical research, health services research, and implementation science, providing sound content and practical advice. The authors have synthesized and pull key concepts from a variety of sources to provide a concise resource." —Linda M. Herrick, South Dakota State University "Everything from the references, to the topics, checklists, conceptual graphic representations, and organizers, interviews, and resources, all contribute to the content and aid with understanding and/or application. ... It addresses specific MM research as it pertains to health sciences in a way that other texts just do not even attempt." —Denise L. Winsor, University of Memphis "[This text is] a very pragmatic approach to mixed methods research; excellent resources, tables, and figures [are] provided, along with cases and examples of value to researchers and grant reviewers. Its relevance to practice, education, and research, as well as to potential policy implications, is a strong focus that would make this a valued textbook for any researcher!" ? —Karen Devereaux Melillo, University of Massachusetts Lowell "The text is cutting edge. It leads the way with its focus on team dynamics. [The authors] succeed in making the book relevant and practical. They also articulate a number of key insights in the area of mixed methods that rarely get addressed, such as teams and conflict. Great read with a lot of good, practical information for mixed methods researchers at all levels. The practical approach of this text makes it an innovative and valuable resource." —John G. Schumacher, University of Maryland

Qualitative Methods for Health Research - Judith Green 2018-02-26

Packed with practical advice and research quick tips, this book is the perfect companion to your health research project. It not only explains the theory of qualitative health research so you can interpret the studies of others, but also showcases how to approach, start, maintain, and disseminate your own research. It will help you: Understand the role of the researcher Develop an effective research proposal Seek ethical approval Conduct interviews, observational studies, mixed methods, and web-based designs Use secondary and digital sources Code, manage, and analyse data Write up your results Whether you are studying public health, sports medicine, occupational therapy, nursing, midwifery, or another health discipline, the authors will be your surrogate supervisors and guide you through evaluating or undertaking any type of health research. Judith Green is Professor of Sociology of Health at King's College London. Nicki Thorogood is Programme Director, DrPH, at the London School of Hygiene & Tropical Medicine.

Research in Medical and Biological Sciences - Petter Laake 2015-06-05

Research in Medical and Biological Sciences covers the wide range of topics that a researcher must be familiar with in order to become a successful biomedical scientist. Perfect for aspiring as well as practicing

professionals in the medical and biological sciences, this publication discusses a broad range of topics that are common yet not traditionally considered part of formal curricula, including philosophy of science, ethics, statistics, and grant applications. The information presented in this book also facilitates communication across conventional disciplinary boundaries, in line with the increasingly multidisciplinary nature of modern research projects. Covers the breadth of topics that a researcher must understand in order to be a successful experimental scientist Provides a broad scientific perspective that is perfect for students with various professional backgrounds Contains easily accessible, concise material about diverse methods Includes extensive online resources such as further reading suggestions, data files, statistical tables, and the StaTable application package Emphasizes the ethics and statistics of medical and biological sciences

Introduction to Research in the Health Sciences - E-Book - Stephen Polgar 2019-08-31

Now in its 7th edition this textbook is a must have for any health professional student. It provides a comprehensive overview of health research, in a concise and easy to read format using examples directly related to the health sciences. It helps students understand health research models, and how research goes on to inform and improve evidence-based clinical practice. For practitioners it provides guidance on published research in journals, providing an essential tool to keep their practice evidence based. Uses simple language and demystifies research jargon Covers both quantitative and qualitative research methodology, taking a very practical approach Provides an extensive glossary for better understanding of the language of research Fully updated online interactive self-assessment tests including MCQs, true or false questions and short answer questions.

Research Methodology in the Health Sciences: A Quick Reference Guide - Prasanta Kumar Bhattacharya 2021-05-06

Publisher's Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. Concise, readable, and easy to navigate—a practical and thorough guide to conducting efficient and effective medical research Whether you're a student, scholar, faculty member, or practicing healthcare professional Research Methodology in the Health Sciences helps you improve your research skills and critically appraise original research and apply it in evidence-based patient care. This peerless guide describes the principles of biostatistics and provides detailed examples to build your comprehension of the utility and applicability of bio-statistical tests, without going into the mathematical details of such tests. You'll find accessible coverage of the principles of biomedical ethics in research and publication, review of the medical literature, how to write a dissertation, how to prepare and submit a research manuscript for publication in a journal, how to apply for a research grant to funding agencies, and much more. To enhance the learning process, all examples drawn exclusively from real healthcare scenarios. Research Methodology in the Health Sciences covers: Planning a research study Writing a dissertation Types of studies in clinical research Observational and interventional studies Approaches to qualitative research Ethics in medical research Biostatistics and descriptive statistics Approaches to statistical inference

Health Promotion & Education Research Methods - Randy Cottrell 2011

The main objective in writing a thesis or dissertation is to teach students how to conduct research in a planned and systematic way. Health Promotion & Education Research Methods, Second Edition provides a comprehensive and thorough presentation of the skills and processes needed to complete high quality research. Students will receive an overview of the different approaches to research methods and are introduced to the five-chapter thesis or dissertation format. Each chapter contains information relevant to the writing of one or more chapters of a thesis or dissertation.

Medical Statistics - Stephen J. Walters 2021-02-01

The 5th edition of this popular introduction to statistics for the medical and health sciences has undergone a significant revision, with several new chapters added and examples refreshed throughout the book. Yet it retains its central philosophy to explain medical statistics with as little technical detail as possible, making it accessible to a wide audience. Helpful multi-choice exercises are included at the end of each chapter, with answers provided at the end of the book. Each analysis technique is

carefully explained and the mathematics kept to minimum. Written in a style suitable for statisticians and clinicians alike, this edition features many real and original examples, taken from the authors' combined many years' experience of designing and analysing clinical trials and teaching statistics. Students of the health sciences, such as medicine, nursing, dentistry, physiotherapy, occupational therapy, and radiography should find the book useful, with examples relevant to their disciplines. The aim of training courses in medical statistics pertinent to these areas is not to turn the students into medical statisticians but rather to help them interpret the published scientific literature and appreciate how to design studies and analyse data arising from their own projects.

However, the reader who is about to design their own study and collect, analyse and report on their own data will benefit from a clearly written book on the subject which provides practical guidance to such issues. The practical guidance provided by this book will be of use to professionals working in and/or managing clinical trials, in academic, public health, government and industry settings, particularly medical statisticians, clinicians, trial co-ordinators. Its practical approach will appeal to applied statisticians and biomedical researchers, in particular those in the biopharmaceutical industry, medical and public health organisations.

Introduction to Research in the Health Sciences E-Book - Stephen Polgar 2013-08-22

This popular textbook provides a concise, but comprehensive, overview of health research as an integrated, problem-solving process. It bridges the gap between health research methods and evidence-based clinical practice, making it an essential tool for students embarking on research. Practitioners also benefit from guidance on interpreting the ever-expanding published research in clinical and scientific journals, to ensure their practice is up to date and evidence-based and to help patients understand information obtained online. Uses simple language and demystifies research jargon Covers both quantitative and qualitative research methodology, taking a very practical approach Gives examples directly related to the health sciences Each chapter contains a self-assessment test so that the reader can be sure they know all the important points Provides an extensive glossary for better understanding of the language of research Online interactive self-assessment tests: Multiple choice questions True or false questions Short answer questions Log on to evolve.elsevier.com/Polgar/research and register to access the above assets.

Handbook of Research Methods in Health Social Sciences - Pranee Liamputtong 2019

"Updated content will continue to be published as 'Living Reference Works'"--Publisher.

Essentials of Research Methods in Health, Physical Education, Exercise Science, and Recreation - Kris E. Berg 2004

Designed to teach Health, Physical Education, Exercise Science, and Recreation students how to be consumers of research in their fields, this text is ideal for upper level and graduate level research courses in Exercise Science, Kinesiology, and Physical Education. New to the Second Edition are expanded statistics problems and data sets, additional statistics and application examples, and computer applications for data analysis. Key concepts are highlighted, and unique and humorous cartoons are used to help illustrate selected points.

Biostatistics - Wayne W. Daniel 2018-11-13

The ability to analyze and interpret enormous amounts of data has become a prerequisite for success in allied healthcare and the health sciences. Now in its 11th edition, Biostatistics: A Foundation for Analysis in the Health Sciences continues to offer in-depth guidance toward biostatistical concepts, techniques, and practical applications in the modern healthcare setting. Comprehensive in scope yet detailed in coverage, this text helps students understand—and appropriately use—probability distributions, sampling distributions, estimation, hypothesis testing, variance analysis, regression, correlation analysis, and other statistical tools fundamental to the science and practice of medicine. Clearly-defined pedagogical tools help students stay up-to-date on new material, and an emphasis on statistical software allows faster, more accurate calculation while putting the focus on the underlying concepts rather than the math. Students develop highly relevant skills in inferential and differential statistical techniques, equipping them with the ability to organize, summarize, and interpret large bodies of data. Suitable for both graduate and advanced undergraduate coursework, this text retains the rigor required for use as a professional reference.