

Observational Research Paper Examples

Success in massage therapy begins with a solid foundation in the fundamentals! Mosby's Fundamentals of Therapeutic Massage, 7th Edition helps you build the skills you need, from assessing problems and planning treatment to mastering massage techniques and protocols. Hundreds of photographs demonstrate massage techniques step by step, and case studies bring concepts to life. 'How-to' videos on the Evolve companion website show manipulation techniques, body mechanics, positioning and draping, and more. If you want to prepare for licensing and certification exams and succeed in practice, this resource from massage therapy expert Sandy Fritz is your text of choice. Comprehensive coverage includes all of the fundamentals of therapeutic massage, including massage techniques, equipment and supplies, wellness, working with special populations, and business considerations; it also prepares you for success on licensing and certification exams. Step-by-step, full-color photographs demonstrate massage techniques and protocols by body area. Three hours of video on the Evolve website demonstrate techniques and body mechanics — each clip is narrated and performed by author Sandy Fritz — as well as review activities for licensing exams. Proficiency exercises provide opportunities to practice and apply what you are learning. Case studies offer practice with clinical reasoning and prepare you to address conditions commonly encountered in professional practice. Coverage of body mechanics helps you to create an ergonomically effective massage environment and to determine appropriate pressure, drag, and duration application while applying massage methods. Coverage of multiple charting methods helps you develop record-keeping and documentation skills, including SOAP and computer charting with simulation on Evolve. Learning features include chapter outlines, objectives, summaries, key terms, practical applications, activities and exercises, and workbook-type practice. Review tools include matching exercises, short answer questions, fill-in-the-blank questions, drawing exercises, and critical thinking questions, all available on Evolve. Research Literacy and Evidence-Based Practice chapter includes new research findings and explains how research is done, and how to read and understand it. Adaptive Massage chapter explains how to address the needs of specific populations, from pregnant women and infants to hospice patients and people with physical impairments. Massage Career Tracks and Practice Settings chapter covers massage therapy services offered at spas, and looks at the spa as a possible massage career. In-depth coverage of HIPAA shows how to store records in a HIPAA-compliant manner and explains HIPAA requirements and

training. Foot in the Door boxes outline the professional skills expected by prospective employers. Updated Basic Pharmacology for the Massage Therapist appendix provides up-to-date information on common medications.

This User's Guide is a resource for investigators and stakeholders who develop and review observational comparative effectiveness research protocols. It explains how to (1) identify key considerations and best practices for research design; (2) build a protocol based on these standards and best practices; and (3) judge the adequacy and completeness of a protocol. Eleven chapters cover all aspects of research design, including: developing study objectives, defining and refining study questions, addressing the heterogeneity of treatment effect, characterizing exposure, selecting a comparator, defining and measuring outcomes, and identifying optimal data sources. Checklists of guidance and key considerations for protocols are provided at the end of each chapter. The User's Guide was created by researchers affiliated with AHRQ's Effective Health Care Program, particularly those who participated in AHRQ's DEcIDE (Developing Evidence to Inform Decisions About Effectiveness) program. Chapters were subject to multiple internal and external independent reviews. More more information, please consult the Agency website: www.effectivehealthcare.ahrq.gov)

This introduction to Evidence-Based Dentistry provides a much-needed orientation in the subject for students and professionals alike. It is a ground-level book for those seeking to understand evidence-based dentistry and its significance for clinical practice. The book is anchored in the dental literature: the majority of the chapters offer guidance on interpreting a full published paper; where both the subject of the paper and the study design is of relevance to the field of dentistry. Each chapter is organised in a similar way, providing a structured approach to reading and understanding research articles or commercial product information. In this respect, Evidence-Based Dentistry is designed as an introduction to understanding published research and its implications for the dental surgery; rather than as a guide on undertaking research. * Incorporates topical published papers in order to rprovide worked examples * Explains the most6 common forms of research used in dentistry * Unlocks basic statistical and epidemiological concepts, along with key terms * Enables the reader to identify the research question, assess aspects of study design, evaluate the strengths and weaknesses of papers and understand their clinical relevance * Tables, boxes and figures are used extensively to present core information. Useful templates are also provided, which readers may use/adapt for analysis, including study clubs.

This book guides medical researchers through all stages of transforming their scientific data and ideas into a published paper. Many researchers in medicine, including the life sciences and health sciences, struggle to get their research written and published. Manuscripts are typically rejected and/or sent back for revisions several times before ever being published. One reason for this is that researchers have not received much instruction in the specific subjects and skills needed to write and publish scientific medical papers: research methodology, ethics, statistics, data visualization, writing, revising, and the practicalities of publishing. Instead of wasting the reader's time discussing trivialities of punctuation, spelling, etc., this book tackles all the major scientific issues that routinely lead to manuscripts getting rejected from the journals. The section "Preparing" covers the range of methodological, ethical, and practical aspects that researchers need to address before starting to write their paper. The section "Analyzing" reviews commonplace problems in the statistical analysis and presentation, and how to resolve those problems. The section "Drafting" describes what to write in all the various parts of a paper (the Introduction, Methods, Results, Discussion, Abstract, etc.) The section "Revising" explains and illustrates how to improve the writing style of any manuscript. The section "Publishing" discusses how to navigate the peer review process and all other practical aspects of the publishing phase. This book draws on the author's decade of experience as an independent medical writer and research consultant, but it is not written merely as the personal opinion of yet another expert. The entire book is grounded in the existing scientific and scholarly literature, with extensive references and a lengthy annotated bibliography, so readers can quickly obtain more information on any aspect they want. Thus this book provides a more evidence-based, scholarly account of how medical scientific papers should be written, in order to improve medical communication and accelerate scientific progress. After reading this entire book cover to cover, medical researchers will know how to write better quality medical papers, and they will be able to publish their work in better journals with less time and struggle. This book is essential reading for anyone conducting research in clinical medicine, life sciences, or health sciences.

Surviving Space

Psychological Research in the Classroom

Translating Science to Practice

Prevention of Accidents at Work

Issues for Educators and Researchers

Research Methods in Psychology

Sir David Cox's most important papers, each the subject of a new commentary by Professor Cox.

To successfully conduct an epidemiological study, academic subject knowledge must be combined with careful consideration of the practical elements involved. From an academic perspective, insights into the basis of epidemiology, the concepts behind how we study diseases, and the challenges and limitations of the results that emerge are prioritised. However, the success of the academic analysis depends on how, when, and where the data used is collected.

Epidemiological Studies: A Practical Guide focuses on the practical challenges of epidemiological data collection. Essential topics, such as how to choose the population to study, how to maximise participation and retention, and how to frame questions so that subjects provide the information required, are the core of the material presented. The book explains the skills needed to conduct a study where data is collected and presented accurately, and in appropriate formats. In addition to presenting a step-by-step guide to epidemiological investigations, the chapters in the book are accompanied by examples of how to phrase the letters and forms needed for each stage of conducting a study. Focusing on measurement, study designs, statistics, methodological issues, and key skills, the book provides a valuable background to epidemiological study. With detailed tables and figures, a clear chapter outline, and a straightforward index, the information presented is easily accessible and can quickly be applied to the reader's own work. Extensively revised, this new edition includes updates on case-crossover, Mendelian randomisation, and case-cohort. New chapters have been added to reflect the areas a student is now likely to encounter in an introductory epidemiological course, such as evidence synthesis, use of routine data, association or causation, feasibility, and pilot studies. *Epidemiological Studies: A Practical Guide* is ideal for students in epidemiology, public health, health research, and health services research. It is also highly relevant to post-graduate research students, and early stage clinical and non-clinical researchers.

Required reading in many medical and healthcare institutions, *How to Read a Paper* is a clear and wide-ranging introduction to evidence-based medicine and healthcare, helping readers to understand its central principles, critically evaluate published data, and implement the results in practical settings. Author Trisha Greenhalgh guides readers through each fundamental step of inquiry, from searching the literature to assessing methodological quality and appraising statistics. *How to Read a Paper* addresses the common criticisms of evidence-based healthcare, dispelling many of its myths and misconceptions, while providing a pragmatic framework for testing the validity of healthcare literature. Now in its sixth edition, this informative text includes new and expanded discussions of study bias, political interference in published reports, medical statistics, big data and more. Offers user-friendly guidance on evidence-based healthcare that is applicable to both experienced and novice readers. Authored by an internationally recognised

practitioner and researcher in evidence-based healthcare and primary care Includes updated references, additional figures, improved checklists and more How to Read a Paper is an ideal resource for healthcare students, practitioners and anyone seeking an accessible introduction to evidence-based healthcare.

This brand new title in the market-leading at a Glance series provides a highly-illustrated, visual introduction to the key concepts of population-level disease prevention. Accessible, double-page spreads help you understand and appreciate the determinants of health which impact on healthcare services and their effectiveness. Public Health and Epidemiology at a Glance features high-yield information on all the topics covered at medical school, including: Measurement of population health Epidemiological concepts of cause and association, surveillance, and risk Use of epidemiology in clinical decision-making Epidemiology of major health problems such as cardiovascular disease and cancer Health promotion Basics of health economics Basics of health policy, needs assessment, and evaluation Also featuring self-assessment questions to help test learning, this new title will provide an invaluable resource for medical and healthcare students, junior doctors, and those preparing for a career in public health.

Implementation Research for Digital Technologies and TB toolkit (IR4DTB)

How to Do Open Science

Proceedings of the 9th International Conference on the Prevention of Accidents at Work (WOS 2017), October 3-6, 2017, Prague, Czech Republic

Mosby's Fundamentals of Therapeutic Massage - E-Book

Research Methods for Social Workers

OpenIntro Statistics

Prevention of Accidents at Work collects papers presented at the 9th International Conference on the Prevention of Accidents at Work (WOS 2017) held in Prague, Czech Republic, on October 3-6, 2017, organized by the VSB-Technical University of Ostrava. The conference on current issues within occupational safety is organized under the umbrella of Workingonsafety.net (WOS.net). WOS.net is an international network of decision-makers, researchers and professionals responsible for the prevention of accidents and trauma at work. The network aims to bring accident prevention experts together in order to facilitate the exchange of experience, new findings and best practices between different countries and sectors. WOS.net is supported by the European Agency for Safety and Health at Work (EU-OSHA). The overall theme is safety management complexity in a changing society, with the motto: Do we need a holistic approach? Underlying topics include: Foundations of safety science: theories, principles, methods and tools; Research to practice: achievements, lessons learned and challenges; Risk management and safety culture: case studies, best practices and further needs; Safety regulation: reasonable practicable approach; Education and training: prerequisite for safety; Complexity and safety: multidisciplinary and inter-stakeholder views. Prevention of Accidents at Work should be

valuable to researchers, policy makers, safety professionals, labor inspectors, labor administrators and other experts in the prevention of occupational accidents.

Explore the essential steps for data collection, reporting, and analysis in business research. *Understanding Business Research* offers a comprehensive introduction to the entire process of designing, conducting, interpreting, and reporting findings in the business environment. With an emphasis on the human factor, the book presents a complete set of tools for tackling complex behavioral and social processes that are a part of data collection in industry settings. Utilizing numerous real-world examples throughout, the authors begin by presenting an overview of the research process, outlining key ideas relating to the business environment, ethics, and empirical methods. Quantitative techniques and considerations that are specific to business research, including sampling and the use of assessments, surveys, and objective measures are also introduced. Subsequent chapters outline both common and specialized research designs for business data, including: Correlational Research, Single Variable Between-Subjects Research, Correlated Groups Designs, Qualitative and Mixed-Method Research, Between-Subjects Designs, Between-Subjects Factorial Designs, Research with Categorical Data. Each chapter is organized using an accessible, comprehensive pedagogy that ensures a fluid presentation. Case studies showcase the real-world applications of the discussed topics while critical thinking exercises and Knowledge Checks supply questions that allow readers to test their comprehension of the presented material. Numerous graphics illustrate the visual nature of the research, and chapter-end glossaries outline definitions of key terms. In addition, detailed appendices provide a review of basic concepts and the most commonly used statistical tables. Requiring only a basic understanding of statistics, *Understanding Business Research* is an excellent book for courses on business statistics as well as business and management science research methods at the graduate level. The book is also a valuable resource for practitioners in business, finance, and management science who utilize qualitative and quantitative research methods in their everyday work.

The definitive work in D&I research -- now completely updated and expanded. The application of scientific research to the creation of evidence-based policies is a science unto itself -- and one that is never easy. Dissemination and implementation research (D&I) is the study of how scientific advances can be implemented into everyday life, and understanding how it works has never been more important for students and professionals across the scientific, academic, and governmental communities. *DISSEMINATION AND IMPLEMENTATION RESEARCH IN HEALTH* is a practical guide to making research more consequential, a collection assembled and written by today's leading D&I researchers. Readers of this book are taught to:

- Evaluate the evidence base in an effective intervention
- Choose a strategy that produces the greatest impact
- Design an appropriate and effectual study
- Track essential outcomes
- Account for the barriers to uptake in communities, social service agencies, and health care facilities

The challenges to moving research into practice are universal, and they're complicated by the current landscape's reliance on partnerships and multi-center research. In this light, *DISSEMINATION AND IMPLEMENTATION RESEARCH IN HEALTH* is nothing less than a roadmap to effecting change in the sciences. It will have broad utility to researchers and practitioners in epidemiology, biostatistics, behavioral science, economics, medicine, social work, psychology, and anthropology -- both today and in our slightly better future.

This practical guide speaks to two audiences: those who read and those who conduct research. Clinicians are medical detectives by training. For

each patient, they assemble clinical clues to establish causes of signs and symptoms. The task involves both clinical acumen and knowledge of medical research. This book helps guide clinicians through this detective work, by enabling them to make sense of research and to review medical literature critically. It will also be invaluable to researchers who conduct clinical research, particularly randomized controlled trials. Building on previously published, peer-reviewed articles from The Lancet, this handbook is essential for busy clinicians and active researchers interested in research methods. Written by leaders in the field of clinical research who have published extensively with authorship of hundreds of articles in medical journals. The authorship includes one of the three authors of the CONSORT guidelines for the reporting of randomized controlled trials. The book presents the essential concepts to a wide array of topics including randomized control trials, descriptive studies, cohort studies, case-control studies, bias, and screening tests. The book utilises a readable and humorous prose style, lightening what can be a difficult area for clinical readers. Derived from decades of teaching clinical research in seminar settings the book will empower clinicians to make sense of, and critically appraise, current medical research and will enable researchers to enrich the quality of their work. The updated new edition includes six new chapters: Surrogate endpoints Limitations of observational epidemiology Participant recruitment Practicalities of double-blinding Randomized trials in the context of a prospective meta-analysis Reporting studies in medical journals: CONSORT

Oxford Textbook of Public Health Palliative Care

Research in Medicine

Papers on Infant Observation

a toolkit for evaluating the implementation and scale-up of digital innovations across the TB continuum of care

General Technical Report PNW-GTR

Evidence-Based Dentistry

Rheumatic disease is a major cause of morbidity and disability in the Western world. There have been major developments in our understanding of the causes of rheumatic disease and in their treatment during the last half-century, and there are relatively few papers which can be regarded as truly 'landmark' in their construction and subsequent findings. Part of the Landmark Papers in series, this book provides a detailed review of the seminal papers that have paved the way for breakthroughs in the clinical management of the entire spectrum of rheumatic diseases.

Master the fundamentals of planning, preparing, conducting, and presenting engineering research with this one-stop resource Engineering Research: Design, Methods, and Publication delivers a concise but comprehensive guide on how to properly conceive and execute research projects within an engineering field. Accomplished professional and author Herman Tang covers the foundational and advanced topics necessary to understand

engineering research, from conceiving an idea to disseminating the results of the project. Organized in the same order as the most common sequence of activities for an engineering research project, the book is split into three parts and nine chapters. The book begins with a section focused on proposal development and literature review, followed by a description of data and methods that explores quantitative and qualitative experiments and analysis, and ends with a section on project presentation and preparation of scholarly publication. Engineering Research offers readers the opportunity to understand the methodology of the entire process of engineering research in the real world. The author focuses on executable process and principle-guided exercise as opposed to abstract theory. Readers will learn about: An overview of scientific research in engineering, including foundational and fundamental concepts like types of research and considerations of research validity How to develop research proposals and how to search and review the scientific literature How to collect data and select a research method for their quantitative or qualitative experiment and analysis How to prepare, present, and submit their research to audiences and scholarly papers and publications Perfect for advanced undergraduate and engineering students taking research methods courses, Engineering Research also belongs on the bookshelves of engineering and technical professionals who wish to brush up on their knowledge about planning, preparing, conducting, and presenting their own scientific research.

Psychological Research in the Classroom: Issues for Educators and Researchers is a collection of papers that tackles various psychological concerns in the context of education. The articles in the title emphasize the role of psychological research in improving the overall quality of education. The first part of the text covers issues, such as the gap between teachers and researchers and the applicability of research findings. In the second part, the selection details the capability of psychological research in addressing educational issues. Next, the title talks about educational practitioners' research needs and their role in research. The last part discusses the prospect for research in the classroom. The book will be of great use to educators and psychologists.

A practical guide to methods of survival analysis for medical researchers with limited statistical experience. Methods and techniques described range from descriptive and exploratory analysis to multivariate regression methods. Uses illustrative data from actual clinical trials and observational studies to describe methods of analysing and reporting results. Also reviews the features and performance of statistical software available for applying the methods of analysis discussed.

Essential Readings in Infectious Disease Epidemiology

How to Write Better Medical Papers

Discussing Doctorateness

Analysing Survival Data from Clinical Trials and Observational Studies

Principles and Practice of Clinical Research

Essential Concepts in Clinical Research

Death, dying, loss, and care giving are not just medical issues, but societal ones. Palliative care has become increasingly professionalised, focused around symptom science. With this emphasis on minimizing the harms of physical, psychological, and spiritual stress, there has been a loss of how cultures and communities look after their dying, with the wider social experience of death often sidelined in the professionalisation and medicalisation of care. However, the people we know and love in the places we know and love make up what matters most for those undergoing the experiences of death, loss, and care giving. Over the last 25 years the theory, practice, research evidence base, and clinical applications have developed, generating widespread adoption of the principles of public health approaches to palliative care. The essential principles of prevention, harm reduction, early intervention, and health and wellbeing promotion can be applied to the universal experience of end of life, irrespective of disease or diagnosis. Compassionate communities have become a routine part of the strategy and service development in palliative care, both within the UK and internationally. The Oxford Textbook of Public Health Palliative Care provides a reframing of palliative care, bringing together the full scope of theory, practice, and evidence into one volume. Written by international leaders in the field, it provides the first truly comprehensive and authoritative textbook on the subject that will help to further inform developments in this growing specialty.

Health professionals are increasingly drawn towards research in the course of their training, often with little guidance on the skills and techniques required. This practical text provides essential advice to guide the beginner through the processes involved in selecting, organizing, funding, undertaking, evaluating and publishing a biomedical research project, and completing a postgraduate qualification. Cartoon illustrations provide a wry commentary on the ups and downs of life in research. This edition contains new content on choosing supervisors, career implications, degree structures, ethical issues and time conflicts between

research and service needs, and is fully revised and updated to reflect changes in the structure of medical careers and degree courses, and the use of computational and information technology in research presentation. An invaluable guide suitable for all stages of a medical research career, from the first stages of research, through to professional supervisors, career counselors and postgraduate tutors.

Private Management and Public Policy is a landmark work at the intersection of business and society. First published in 1975, it focuses on the management processes that companies use to respond to social issues. The text develops the "principle of public responsibility" as an alternative to the notion that firms have unlimited accountability. And, it presents one of the first systems-based approaches to corporate responsibility, providing theoretical support for business involvement in public policy. Arguably, the book's major contribution is its broad outline of an alternative theory of the firm in society—one that offers the possibility of overcoming traditional public and private dichotomies.

A comprehensive introduction to research methods and best practices for designing, conducting, interpreting, and reporting findings. This text is designed to develop in students a passion for conducting research and an understanding of the practical value of systematic information-gathering and decision-making. It features step-by-step coverage of the research process including research design, statistical considerations, and guidance on writing up and presenting results. Recognized leaders in the field—authors Bart Weathington, Christopher Cunningham, and David Pittenger—present: Introductions to multiple research designs—including single-participant, multi-group, longitudinal, correlational, and experimental designs—accompanied by examples. Bibliographic research and methods for appropriate sampling. Identifying, developing, and evaluating reliable and valid approaches to measurement. The issues and steps common to all single-factor and multifactor studies, as well as single-subject and nonexperimental methods. How to summarize research in writing that conforms to the editorial guidelines of the American Psychological Association. A comprehensive review of research methods and the statistical concepts that support them, Research Methods for the Behavioral and Social Sciences offers the best techniques for studying behavior and social phenomena.

Data Collection and Analysis

An Introduction

MEDINFO 2019: Health and Wellbeing e-Networks for All

Selected Papers from the Proceedings of Workshops

Dissemination and Implementation Research in Health

Engineering Research

This expanded third edition provides an introduction to the conduct of clinical research as well as more comprehensive and expansive content about the infrastructure necessary for a successful clinical research organization or enterprise. With authors who are experts in clinical research in both the public and private sectors, this publication

provides essential information to clinical investigators who wish to develop and conduct well designed patient-based research protocols that comply with rigorous study design, ethical, and regulatory requirements.

Popular science writing has exploded in the past decade, both in print and online. Who better to guide writers striving to succeed in the profession than a group of award-winning independent journalists with a combined total of 225 years of experience? From Thomas Hayden's chapter on the perfect pitch to Emma Maris's advice on book proposals to Mark Schrope's essential information on contracts, the members of SciLance give writers of all experience levels the practical information they need to succeed, as either a staffer or a freelancer. Going beyond craft, The Science Writer's Handbook also tackles issues such as creating productive office space, balancing work and family, and finding lasting career satisfaction. It is the ultimate guide for anyone looking to prosper as a science writer in the new era of publishing.

This accessible and clearly structured book, written by experienced researchers and practitioners, provides a one-stop introduction to the most common qualitative, quantitative and desk-based research designs and methods in health and social care. Essential Readings in Infectious Disease Epidemiology is a collection of readings and practice exercises designed to complement the methods training presented in the main text, Essentials of Infectious Disease Epidemiology. Where the parent text focuses on methods, this book provides actual readings and examples on which to practice new skills. Important Notice: The digital edition of this book is missing some of the images or content found in the physical edition.

Research Methods for the Behavioral and Social Sciences

ESSENTIALS OF BIOSTATISTICS & RESEARCH METHODOLOGY

Research Methods for Environmental Psychology

Everything You Need to Know to Pitch, Publish, and Prosper in the Digital Age

The Basics of Evidence-based Medicine and Healthcare

Perspectives on Research Assessment in Architecture, Music and the Arts

This handy book is a one-stop introduction to research and evaluation for social workers.

Online Library Observational Research Paper Examples

Including unique project examples, exercises, discussion points and extensive signposting to further reading, and drawing on the author's many years of teaching experience, it is essential reading for students who may be unfamiliar with research methods.

In simple and non-technical terms, this text illustrates a wide range of techniques and approaches used in social research projects.

Surviving Space is a collection of papers on infant observation and related issues by contemporary experts in the field, commemorating the centenary of Esther Bick and the unique contribution she has made to psychoanalytic theory. As part of the prestigious Tavistock Clinic Series, this is an essential addition to this highly-valued and innovative series. Infant observation is crucial to most psychotherapy training, and this work would be of obvious value to those commencing their training, as well as valuable insights for all psychotherapists.

This text book is a comprehensive, user friendly and easy to read resource on Biostatistics and Research Methodology. It is meant for undergraduate and post graduate students of medical and biomedical sciences. Health researchers, research supervisors and faculty members may find it useful as a reference book.

Selected Statistical Papers of Sir David Cox: Volume 1, Design of Investigations, Statistical Methods and Applications

Planning a Project - Writing a Thesis

Understanding Business Research

Soil Resource Inventories and Development Planning

Transparent and Reproducible Social Science Research

Landmark Papers in Rheumatology

Covering the full spectrum of methodology, the timely and indispensable *Research Methods for Environmental surveys the research and application methods for studying, changing, and improving human attitudes, behaviour and well-being in relation to the physical environment. The first new book covering research methods in environmental psychology in over 25 years. Brings the subject completely up-to-date with coverage of the latest methodology in the field The level of public concern over the impact of the environment on humans is high, making this book timely and of real interest to a fast growing discipline Comprehensively surveys the research and application methods for studying, changing, and improving human attitudes, behavior, and well-being in relation to the physical environment Robert Gifford is internationally recognised as one of the leading individuals in this field, and the contributors include many of the major leaders in the discipline*

Research in the creative fields of architecture, design, music and the arts has experienced dynamic development for over two decades. The research in these practice- and arts-based fields has become increasingly mature but has also led to various discussions on what constitutes doctoral proficiency in these fields. The term 'doctorateness' is often used when referring to the assessment of the production of doctoral research and the research competence

of research students, but in architecture and the arts, the concept of doctorateness has not yet attained a clearly articulated definition. The assessment of quality has been practiced by way of supervising, mentoring and the evaluation of dissertations but much less discussed. This book offers perspectives on how to qualify and assess research in architecture, music and the arts. It creates a broader arena for discussion on doctorateness by establishing a framework for its application to creative fields. The book is grouped into three sections and includes contributions from international experts in the various fields working in Australia, Belgium, Brazil, Canada, Norway, Sweden, Switzerland, Spain, the Netherlands and the UK. The first section offers general frameworks for further conceptualising doctorateness in the fields in question. It is followed by a section that describes and discusses various experiences, concerns and visions on the production and assessment of doctoral research reporting from doctoral programmes in different stages of development. The third section includes future-oriented perspectives on knowledge-building processes, and asks how the ongoing, profound changes in academia could influence the concept of quality in both doctoral process and product. The book presents different perspectives on research assessment practices and developments of relevant criteria in the practice-based and creative fields of architecture and the arts. The contributions propose ways of framing this issue conceptually, show the need for awareness of the specific context and tradition programmes develop and give proposals for various potential trajectories for the future.

*Recently, social science has had numerous episodes of influential research that was found invalid when placed under rigorous scrutiny. The growing sense that many published results are potentially erroneous has made those conducting social science research more determined to ensure the underlying research is sound. **Transparent and Reproducible Social Science Research** is the first book to summarize and synthesize new approaches to combat false positives and non-reproducible findings in social science research, document the underlying problems in research practices, and teach a new generation of students and scholars how to overcome them. Understanding that social science research has real consequences for individuals when used by professionals in public policy, health, law enforcement, and other fields, the book crystallizes new insights, practices, and methods that help ensure greater research transparency, openness, and reproducibility. Readers are guided through well-known problems and are encouraged to work through new solutions and practices to improve the openness of their research. Created with both experienced and novice researchers in mind, **Transparent and Reproducible Social Science Research** serves as an indispensable resource for the production of high quality social science research.*

Combining and integrating cross-institutional data remains a challenge for both researchers and those involved in patient care. Patient-generated data can contribute precious information to healthcare professionals by enabling monitoring under normal life conditions and also helping patients play a more active role in their own care. This book presents the proceedings of MEDINFO 2019, the 17th World Congress on Medical and Health Informatics, held in Lyon, France, from 25 to 30 August 2019. The theme of this year's conference was 'Health and Wellbeing: E-Networks for All', stressing the increasing importance of networks in healthcare on the one hand, and the patient-centered perspective on the other. Over 1100 manuscripts were submitted to the conference and, after a thorough review process by at least three reviewers and assessment by a scientific program committee member, 285 papers and 296 posters were accepted, together with 47 podium abstracts, 7 demonstrations, 45 panels, 21 workshops and 9 tutorials. All accepted paper and poster contributions are included in these proceedings. The papers are grouped under four thematic tracks: interpreting health and biomedical data, supporting care delivery, enabling precision medicine and public health, and the human element in medical informatics. The posters are divided into the same four groups. The book presents an overview of state-of-the-art informatics projects from multiple regions of the world; it will be of interest to anyone working in the field of medical informatics.

***Developing a Protocol for Observational Comparative Effectiveness Research: A User's Guide**
Resources in Education*

Randomised Controlled Trials and Observational Epidemiology

Public Health and Epidemiology at a Glance

The Science Writers' Handbook

Research Methods for Health and Social Care