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**KEY=2016 - KOCH EATON**

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**INTERNATIONAL JOURNAL ON MULTICULTURAL LITERATURE (IJML) VOL. 7, NO. 2**

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**JUL-17**

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*Loving Healing Press International Journal on Multicultural Literature (IJML) Volume 7 Number 2 (July 2017) ISSN 2231-6248. Highlights include Solutions to Religious Communalism as Projected in Mahesh Dattani's Final Solutions: An Analysis by S. Chelliah K.V. Dominic's Winged Reason: A Portrait of Social Realism by D.C. Chambial Tracing Political Bricoleurs in Winston Churchill's Thoughts and Adventures and Khushwant Singh's The End of India by Sreedevi R. & Raichel M. Sulus Play/Games as Sublimation of Juvenile Delinquency: An Exploration into the World of Children's Literature by Sijo Varghese Intrinsic Journey into the Epic, Savitri: A Symbolic Exploration by Santanu Basak Feminine or Feminist: Ambiguous Women in The Moor's Last Sigh by Sharmila Bhattacharjee Element of Grotesque in Carson McCullers' The Ballad of the Sad Cafe by Sarika Tiwari Alec Derwent Hope on Poet and Art of Poetry by Amodini Sreedharan Women as Victims: A Study of Nalini Sharma's Strange Equations by S. Barathi Mahesh Dattani's Final Solutions: Deconstruction of Communalism - Nidhish Kumar Singh Authenticity of Rural Life in the Novels of Chinua Achebe, Kamala Markandaya and Ramesh K. Srivastava by Smita Das Lives on Pyre: A Socio-realistic Portrayal in D.C. Chambial's The Cargoes of the Bleeding Hearts by Parthajit Ghosh & Madhu Kamra An Evolution of His Demography: A Socio-cultural Flow in the Fictional World of Manoj Das by Suresh Bera & Somali Gupta Maya Angelou's Shaker, Why Don't You Sing?: a Paroxysm of Confession by Ishita Pramanik & Shukla Banerjee Fruits of Delight in the Fields of Despair in Manas Bakshi's Dance of Satan and Other Poems by T.V. Reddy IJML is a peer-reviewed research journal in English literature published from Thodupuzha, Kerala, India. The publisher and editor is Prof. Dr. K. V. Dominic, renowned English language poet, critic, short story writer and editor who has to his credit 27 books. He is also the secretary of Guild of Indian English Writers, Editors and Critics (GIEWEC). Since 2010, IJML is a biannual journal published in January and July. The articles are sent first to the referees by the editor and only if they accept, the papers will be published. Although based in India, each issue includes worldwide contributors. Although IJML concentrates on multiculturalism, it also encompasses other literature. Each issue also includes poems, short stories, review articles, book reviews, interviews, general essays etc. under separate sections. IJML is available in paperback, Kindle, ePub, and PDF editions. Distributed by Modern History Press LCO004020 LITERARY COLLECTIONS / Asian / Indic LIT008020 Literary Criticism : Asian - Indic POL035010 Political Science : Political Freedom & Security - Human Rights Learn more at [www.profKVDominc.com](http://www.profKVDominc.com)*

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**GLOBAL INNOVATION INDEX 2017**

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**INNOVATION FEEDING THE WORLD**

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*WIPO The Global Innovation Index provides detailed metrics about the innovation performance of 127 countries and economies around the world. Its 81 indicators explore a broad vision of innovation, including political environment, education, infrastructure and business sophistication. This year's report reviews the state of innovation in agriculture and food systems across sectors and geographies. Chapters of the report provide more details on this year's theme from academic, business, and particular country perspectives from leading experts and decision makers.*

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**THE PALGRAVE HANDBOOK OF HETEROGENEITY AMONG FAMILY FIRMS**

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*Springer This handbook is the definitive source of research on the differences among family firms. It provides a timely and thorough investigation of the variant strategies and behaviors undertaken by family firms today, taking a closer look at different configurations of family involvement and how they influence outcomes and success. While studies on differences between family and non-family firms are deeply rooted in the literature, this handbook uniquely examines the family firm heterogeneity research to date and the inner firm governance, financial and non-financial objectives, and strategies such as innovation, competitive dynamics, internationalization, and human resources management. The handbook pulls together the work of the most prominent names in family business from around the world, separating itself from the competition both in content and geographical scope. Future research directions provided in each chapter will spark further interdisciplinary scholarly work, and will be enlightening for researchers, educators, and practitioners who are currently limited to the narrow and exclusive literature and advance the burgeoning research on this important topic.*

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## **HANDBOOK ON RESEARCH ASSESSMENT IN THE SOCIAL SCIENCES**

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*Edward Elgar Publishing* This Handbook provides a comprehensive overview of current developments, issues and good practices regarding assessment in social science research. It pays particular attention to the challenges in evaluation policies in the social sciences, as well as to the specificities of publishing in the area.

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## **RESEARCH METHODOLOGY AND SCIENTIFIC WRITING**

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*Springer Nature* This book presents a guide for research methodology and scientific writing covering various elements 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, and ethical issues in research. Besides introducing library and its various features in a lucid style, the latest on the use of information technology in retrieving and managing information through various means are also discussed in this book. The book is useful for students, young researchers, and professionals.

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## **UNDERSTANDING AND REDUCING LANDSLIDE DISASTER RISK**

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### **VOLUME 1 SENDAI LANDSLIDE PARTNERSHIPS AND KYOTO LANDSLIDE COMMITMENT**

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*Springer Nature* This book is a part of ICL new book series "ICL Contribution to Landslide Disaster Risk Reduction" founded in 2019. Peer-reviewed papers submitted to the Fifth World Landslide Forum were published in six volumes of this book series. This book contains the followings: • Four Forum lectures and one award paper • Sendai Landslide Partnerships, Kyoto Landslide Commitment, and International Programme on Landslides. • Landslide-induced tsunamis • Landslides at UNESCO designates sites and contribution from WMO, FAO, and IRDR • Education and Capacity Development for Risk Management and Risk Governance Prof. Kyoji Sassa is the Founding President and the Secretary-General of International Consortium on Landslides (ICL). He has been the Editor-in-Chief of International Journal Landslides since its foundation in 2004. Prof. Matjaž Mikoš is the Vice President of International Consortium on Landslides and Vice President of Slovenian Academy of Engineering. He is a Professor and Dean of Faculty of Civil and Geodetic Engineering, University of Ljubljana, Slovenia. Dr. Shinji Sassa is Head of Soil Dynamics Group and Research Director of International Research Center for Coastal Disasters, Port and Airport Research Institute, National Institute of Maritime, Port and Aviation Technology, Japan. Prof. Peter Bobrowsky is the President of International Consortium on Landslides. He is a Senior Scientist of Geological Survey of Canada, Ottawa, Canada. Prof. Kaoru Takara is the Executive Director of International Consortium on Landslides. He is a Professor and Dean of Graduate School of Advanced Integrated Studies (GSAIS) in Human Survivability (Shishu-Kan), Kyoto University. Dr. Khang Dang is the Secretary General of the Fifth World Landslide Forum. He also serves as the Research Promotion Officer of ICL and a Lecturer at the University of Science, Vietnam National University, Hanoi.

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## **HUMAN SUBJECT RESEARCH FOR ENGINEERS**

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### **A PRACTICAL GUIDE**

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*Springer* This Brief introduces engineers to the main principles in ethics, research design, statistics, and publishing of human subject research. In recent years, engineering has become strongly connected to disciplines such as biology, medicine, and psychology. Often, engineers (and engineering students) are expected to perform human subject research. Typical human subject research topics conducted by engineers include human-computer interaction (e.g., evaluating the usability of software), exoskeletons, virtual reality, teleoperation, modelling of human behaviour and decision making (often within the framework of 'big data' research), product evaluation, biometrics, behavioural tracking (e.g., of work and travel patterns, or mobile phone use), transport and planning (e.g., an analysis of flows or safety issues), etc. Thus, it can be said that knowledge on how to do human subject research is indispensable for a substantial portion of engineers. Engineers are generally well trained in calculus and mechanics, but may lack the appropriate knowledge on how to do research with human participants. In order to do high-quality human subject research in an ethical manner, several guidelines have to be followed and pitfalls have to be avoided. This book discusses these guidelines and pitfalls. The aim is to prepare engineers and engineering students to carry out independent research in a responsible manner.

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## **LITERATURE REVIEWS**

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### **MODERN METHODS FOR INVESTIGATING SCIENTIFIC AND TECHNOLOGICAL KNOWLEDGE**

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*Springer Nature* This book begins by introducing the topic of knowledge in literature, including its scientific foundations. Due to the ever-increasing number of scientific publications, literature reviews are becoming more and more essential to stay updated. Literature Reviews describes an innovative system for creating systematic literature reviews, through reviewing, analyzing, and synthesizing scientific and technological literature. It then discusses systematic literature reviews, content analysis, and literature synthesis separately, before presenting the methodology to combine them in one process. It showcases computational tools to aid in this technique and offers examples of the method in action. Finally, the book takes a new of future developments in the subject. This book is of interest to graduate students, as well as researchers and academics, helping them to deepen insights and improve skills needed to conduct thorough literature reviews.

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## **AN UPDATE OF DENTAL IMPLANTOLOGY AND BIOMATERIAL**

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*BoD - Books on Demand* The aim of An Update in Dental Implantology and Biomaterial is to continue the challenge of reconstruction and implantology into another volume with unique updates. As a surgeon who is usually asked to accomplish the reconstructive skeleton of the rehabilitation plan, questions like "Doc, I am in a hurry, how fast can you finish the treatment?" are becoming very common in practice these days. This phenomenon goes hand in hand with people's current lifestyles. Another challenge is the

*inapplicable prosthetic plan due to the difficulty at the patient side or the surgical intervention side. The advancement in reconstruction is appreciated, but apparently it has not reached the limit of placing the factors of cost, time, and invasiveness into one location. I believe that cases should be treated and rehabilitated as soon as possible, with reasonable cost and feasible technicality, so that clients can focus on their daily lives. With this book I am honored to present a homogeneous gathering of literature on implantology, elaborated with up-to-date techniques of grafting, the improvement of anterior aesthetics, and answers to questions concerning postoperative implant complications and microbiota care.*

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## **MEDICAL WRITING**

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### **A GUIDE FOR CLINICIANS, EDUCATORS, AND RESEARCHERS**

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*Springer* This book is a clear and comprehensive guide that assists readers in translating observations, ideas, and research into articles, reports, or book chapters ready for publication. For both researchers and practicing physicians, skills in medical writing are essential. Dr. Robert B. Taylor, a distinguished leader in academic medicine, uses a clear, conversational style throughout this book to emphasize the professional and personal enrichment that writing can bring. The text includes in depth instructions for writing and publishing: review articles, case reports, editorials and letters to the editor, book reviews, book chapters, reference books, research protocols, grant proposals, and research reports. This third edition is additionally fully updated to include the intricacies of medical writing and publishing today, with new coverage of: open access, pay to publish and predatory journals, peer review fraud, publication bias, parachute studies, public domain images, and phantom authors. Loaded with practical information, tips to help achieve publication, and real world examples, *Medical Writing* can improve skills for clinicians, educators, and researchers, whether they are new to writing or seasoned authors.

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### **SPRINGER HANDBOOK OF SCIENCE AND TECHNOLOGY INDICATORS**

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*Springer Nature* This handbook presents the state of the art of quantitative methods and models to understand and assess the science and technology system. Focusing on various aspects of the development and application of indicators derived from data on scholarly publications, patents and electronic communications, the individual chapters, written by leading experts, discuss theoretical and methodological issues, illustrate applications, highlight their policy context and relevance, and point to future research directions. A substantial portion of the book is dedicated to detailed descriptions and analyses of data sources, presenting both traditional and advanced approaches. It addresses the main bibliographic metrics and indexes, such as the journal impact factor and the h-index, as well as altmetric and webometric indicators and science mapping techniques on different levels of aggregation and in the context of their value for the assessment of research performance as well as their impact on research policy and society. It also presents and critically discusses various national research evaluation systems. Complementing the sections reflecting on the science system, the technology section includes multiple chapters that explain different aspects of patent statistics, patent classification and database search methods to retrieve patent-related information. In addition, it examines the relevance of trademarks and standards as additional technological indicators. The *Springer Handbook of Science and Technology Indicators* is an invaluable resource for practitioners, scientists and policy makers wanting a systematic and thorough analysis of the potential and limitations of the various approaches to assess research and research performance.

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### **DEVELOPMENT AND EDUCATION STUDIES**

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*Hiperlink eğit.ilet.yay.san.tic.ve ltd.sti.* Early math skills are crucial to children's math and school success in the following years. The use of storybooks as a mathematics learning method has been discussed frequently in recent years. Shared book reading allows different mathematical conversations to pass between parent or teacher and child. NCTM (1989) promotes the using of mathematics storybooks as a way of introducing mathematical ideas to children, as it offers a meaningful context for teaching mathematics concepts to children. Shared book reading improves children's problem-solving skills, allows for an exchange of ideas, establishes logical, and may prompt discussion of abstract concepts. This chapter reviews how children learn mathematics and research on the use of storybooks for mathematics skill development. It concludes with examples of how explicit and implicit storybooks, in either paper or digital versions, may be used. Keywords: Storybooks, mathematics, children's learning of mathematics, children's development

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### **WORLD MIGRATION REPORT 2018**

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*United Nations* This report is the ninth in the world migration report series which is designed as a substantive contribution to increasing the understanding of current and strategic migration issues throughout the world. It presents key data and information on migration as well as thematic chapters on highly topical migration issues. It is structured to focus on two key contributions for readers: Part I: key information on migration and migrants (including migration-related statistics); and Part II: balanced, evidence-based analysis of complex and emerging migration issues. The two parts are intended to provide both overview information that helps to explain migration patterns and processes globally and regionally, as well as insights and recommendations on major issues that policymakers are - or soon - will be grappling with.

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### **POSITIVE PSYCHOLOGY IN THE MIDDLE EAST/NORTH AFRICA**

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#### **RESEARCH, POLICY, AND PRACTISE**

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*Springer* This volume looks at positive psychology from a culturally-responsive, empirically-driven perspective to avoid a descent into pseudoscience. Through evidence-based, regionally relevant topics in the field of well-being, this volume shows how increasing levels of excellence in the GCC region enhance upon business, education, research, and social innovations. Grounded in the empirical research literature, each chapter applies psychological concepts to locally relevant considerations, such as culture, religion, and socio-

political contexts, making this book an essential tool for understanding positive psychology and well-being in the GCC nations and beyond.

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## **THE GLOBAL INNOVATION INDEX 2018**

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### **ENERGIZING THE WORLD WITH INNOVATION**

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*WIPO* The Global Innovation Index 2018 provides detailed metrics about the innovation performance of 126 countries and economies around the world. Its 80 indicators explore a broad vision of innovation, including political environment, education, infrastructure and business sophistication. The GII 2018 analyses the energy innovation landscape of the next decade and identifies possible breakthroughs in fields such as energy production, storage, distribution, and consumption. It also looks at how breakthrough innovation occurs at the grassroots level and describes how small-scale renewable systems are on the rise.

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### **ACCOUNTING JOURNALS: SCOPUS, WEB OF SCIENCE, SCIMAGO**

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*Sciendo* This book is a full guidebook among more than 218 accounting international journals with an evaluation of 3,000 publications for over the last two years. It aims to help readers for selecting an appropriate journal for publishing own research in the international arena or to find the required topic for conducting further investigating or to be informed about so large-scale science as accounting. Here a reader will find detailed information about accounting journals in terms of Scopus, Web of Science and SCImago databases. In addition, there are highlighted accounting journals in terms of IFRS and blockchain concentration in accounting researches nowadays. The relevant aims and scope of each journal are also presented. Anyway, this book is an indispensable assistant for students while getting the "Accounting" specialization, as well as teachers and scientists while conducting empirical researches in the practice and theory of the accounting filed.

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### **ASIAN SCIENTISTS ON THE MOVE**

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### **CHANGING SCIENCE IN A CHANGING ASIA**

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*Cambridge University Press* Explore how Western-trained Asian-born scientists' return migrations are fueling and fueled by Asia's rise in the global scientific field.

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### **DIGITAL TOOLS FOR ACADEMIC BRANDING AND SELF-PROMOTION**

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*IGI Global* Reputation can be a pivotal factor to potential success throughout one's academic career. By utilizing available technological assets and tools, professionals can effectively manage their personal brands. Digital Tools for Academic Branding and Self-Promotion is an authoritative reference source for the latest research on the interrelationship between digital branding and academic reputation. Showcasing relevant digital platforms and techniques, this book is a compendium of vital material for academics, professionals, practitioners, and marketers interested in effective reputation management.

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### **UNIFYING THE APPLICATIONS AND FOUNDATIONS OF BIOMEDICAL AND HEALTH INFORMATICS**

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*IOS Press* Informatics and technology have become an intrinsic part of healthcare management in recent years; it is almost impossible to imagine a modern healthcare system without them. This book presents the proceedings of the 14th annual International Conference on Informatics, Management and Technology in Healthcare (ICIMTH), held in Athens, Greece, in July 2016. The conference treats the field of biomedical informatics in a very broad framework, and the 68 full papers included here examine the research and applications outcomes of informatics from cell to population, including a number of technologies such as imaging, sensors, mobile communications, biomedical equipment and management, as well as legal and societal issues related to the application of health informatics. The book is divided into sections: Biomedical Technology; Clinical Informatics; E-learning and Education; Formalisation of Knowledge, Ontologies, Clinical Guidelines and Standards of Healthcare; Health Informatics; Healthcare Management and Public Health; mHealth and Telemedicine; and Social Media and Health. Also included are two keynote speeches. Covering a wide spectrum of applications, the book will be of interest to all those working in the design, management and delivery of healthcare services whose work involves the development or use of biomedical informatics.

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### **HANDBOOK BIBLIOMETRICS**

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*Walter de Gruyter GmbH & Co KG* Bibliometrics and altmetrics are increasingly becoming the focus of interest in the context of research evaluation. The Handbook Bibliometrics provides a comprehensive introduction to quantifying scientific output in addition to a historical derivation, individual indicators, institutions, application perspectives and data bases. Furthermore, application scenarios, training and qualification on bibliometrics and their implications are considered.

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### **OXFORD HANDBOOK OF CLINICAL AND HEALTHCARE RESEARCH**

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*Oxford University Press* The Oxford Handbook of Clinical and Healthcare Research is a practical, concise, and easy-to-use reference for the full range of clinical and healthcare research topics, while incorporating evidence based medicine. Comprehensively providing a wide breadth of knowledge, this handbook clearly covers both the qualitative and quantitative aspects. This handbook includes clear instructions on the legislative requirements as well as the practical requirements of commissioning, conducting, analysing, and reporting research for those in clinical or healthcare practice, education or training. This book has been written with Good Clinical Practice (GCP) education in mind, giving valuable information needed for the accredited certificates and diploma-level benchmark exams now commonly required by employers. Whether you need practical advice on setting up and running a trial, negotiating regulations, learning vital research skills, or to study the underpinning concepts of research methods, this handbook will give you the vital information, clinical evidence, and guidance you need.

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## **JOURNAL OF THE HOUSE OF REPRESENTATIVES OF THE UNITED STATES**

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Some vols. include supplemental journals of "such proceedings of the sessions, as, during the time they were depending, were ordered to be kept secret, and respecting which the injunction of secrecy was afterwards taken off by the order of the House".

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## **RECENT ADVANCES IN INFORMATION SYSTEMS AND TECHNOLOGIES**

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### **VOLUME 1**

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Springer This book presents a selection of papers from the 2017 World Conference on Information Systems and Technologies (WorldCIST'17), held between the 11st and 13th of April 2017 at Porto Santo Island, Madeira, Portugal. WorldCIST is a global forum for researchers and practitioners to present and discuss recent results and innovations, current trends, professional experiences and challenges involved in modern Information Systems and Technologies research, together with technological developments and applications. The main topics covered are: Information and Knowledge Management; Organizational Models and Information Systems; Software and Systems Modeling; Software Systems, Architectures, Applications and Tools; Multimedia Systems and Applications; Computer Networks, Mobility and Pervasive Systems; Intelligent and Decision Support Systems; Big Data Analytics and Applications; Human-Computer Interaction; Ethics, Computers & Security; Health Informatics; Information Technologies in Education; and Information Technologies in Radiocommunications.

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## **ANATOMY OF WRITING FOR PUBLICATION FOR NURSES, THIRD EDITION**

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Sigma Theta Tau Highly anticipated and fully updated, *Anatomy of Writing for Publication for Nurses, Third Edition*, is a practical and useful guide for nurses who need to bridge the gap from incomplete sentences to a published manuscript. Lead Author and Editor Cynthia Saver removes the fear and confusion most nurses have about the writing and publishing process. Along the way, 25 of nursing's top writing experts and decision makers share important insights to help you increase the likelihood that your manuscript gets accepted for publication.

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## **THE OXFORD HANDBOOK OF THE SCIENCE OF SCIENCE COMMUNICATION**

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Oxford University Press The proposal to vaccinate adolescent girls against the human papilloma virus ignited political controversy, as did the advent of fracking and a host of other emerging technologies. These disputes attest to the persistent gap between expert and public perceptions. Complicating the communication of sound science and the debates that surround the societal applications of that science is a changing media environment in which misinformation can elicit belief without corrective context and likeminded individuals are prone to seek ideologically comforting information within their own self-constructed media enclaves. Drawing on the expertise of leading science communication scholars from six countries, *The Oxford Handbook of the Science of Science Communication* not only charts the media landscape - from news and entertainment to blogs and films - but also examines the powers and perils of human biases - from the disposition to seek confirming evidence to the inclination to overweight endpoints in a trend line. In the process, it draws together the best available social science on ways to communicate science while also minimizing the pernicious effects of human bias. The Handbook adds case studies exploring instances in which communication undercut or facilitated the access to scientific evidence. The range of topics addressed is wide, from genetically engineered organisms and nanotechnology to vaccination controversies and climate change. Also unique to this book is a focus on the complexities of involving the public in decision making about the uses of science, the regulations that should govern its application, and the ethical boundaries within which science should operate. The Handbook is an invaluable resource for researchers in the communication fields, particularly in science and health communication, as well as to scholars involved in research on scientific topics susceptible to distortion in partisan debate.

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## **PUBLICATIONS COMBINED - OVER 100 STUDIES IN NANOTECHNOLOGY WITH MEDICAL, MILITARY AND INDUSTRIAL APPLICATIONS 2008-2017**

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Jeffrey Frank Jones Over 7,300 total pages ... Just a sample of the contents: Title : Multifunctional Nanotechnology Research Descriptive Note : Technical Report,01 Jan 2015,31 Jan 2016 Title : Preparation of Solvent-Dispersible Graphene and its Application to Nanocomposites Descriptive Note : Technical Report Title : Improvements To Micro Contact Performance And Reliability Descriptive Note : Technical Report Title : Delivery of Nanotethered Therapies to Brain Metastases of Primary Breast Cancer Using a Cellular Trojan Horse Descriptive Note : Technical Report,15 Sep 2013,14 Sep 2016 Title : Nanotechnology-Based Detection of Novel microRNAs for Early Diagnosis of Prostate Cancer Descriptive Note : Technical Report,15 Jul 2016,14 Jul 2017 Title : A Federal Vision for Future Computing: A Nanotechnology-Inspired Grand Challenge Descriptive Note : Technical Report Title : Quantifying Nanoparticle Release from Nanotechnology: Scientific Operating Procedure Series: SOP C 3 Descriptive Note : Technical Report Title : Synthesis, Characterization And Modeling Of Functionally Graded Multifunctional Hybrid Composites For Extreme Environments Descriptive Note : Technical Report,15 Sep 2009,14 Mar 2015 Title : Equilibrium Structures and Absorption Spectra for SixOy Molecular Clusters using Density Functional Theory Descriptive Note : Technical Report Title : Nanotechnology for the Solid Waste Reduction of Military Food Packaging Descriptive Note : Technical Report,01 Apr 2008,01 Jan 2015 Title : Magneto-Electric Conversion of Optical Energy to Electricity Descriptive Note : Final performance rept. 1 Apr 2012-31 Mar 2015 Title : Surface Area Analysis Using the Brunauer-Emmett-Teller (BET) Method: Standard Operating Procedure Series: SOP-C Descriptive Note : Technical Report,30 Sep 2015,30 Sep 2016 Title : Stabilizing Protein Effects on the Pressure Sensitivity of Fluorescent Gold Nanoclusters Descriptive Note : Technical Report Title : Theory-Guided Innovation of Noncarbon Two-Dimensional Nanomaterials Descriptive Note : Technical Report,14 Feb 2012,14 Feb 2016 Title : Detering Emergent Technologies Descriptive Note : Journal Article Title : The Human Domain and the Future of Army Warfare: Present as Prelude to 2050 Descriptive Note : Technical Report Title : Drone Swarms Descriptive Note : Technical Report,06 Jul 2016,25 May 2017 Title : OFFSETTING TOMORROW'S ADVERSARY IN A CONTESTED ENVIRONMENT: DEFENDING EXPEDITIONARY

*ADVANCE BASES IN 2025 AND BEYOND* Descriptive Note : Technical Report Title : A Self Sustaining Solar-Bio-Nano Based Wastewater Treatment System for Forward Operating Bases Descriptive Note : Technical Report,01 Feb 2012,31 Aug 2017 Title : Radiation Hard and Self Healing Substrate Agnostic Nanocrystalline ZnO Thin Film Electronics Descriptive Note : Technical Report,26 Sep 2011,25 Sep 2015 Title : Modeling and Experiments with Carbon Nanotubes for Applications in High Performance Circuits Descriptive Note : Technical Report Title : Radiation Hard and Self Healing Substrate Agnostic Nanocrystalline ZnO Thin Film Electronics (Per5 E) Descriptive Note : Technical Report,01 Oct 2011,28 Jun 2017 Title : High Thermal Conductivity Carbon Nanomaterials for Improved Thermal Management in Armament Composites Descriptive Note : Technical Report Title : Emerging Science and Technology Trends: 2017-2047 Descriptive Note : Technical Report Title : Catalysts for Lightweight Solar Fuels Generation Descriptive Note : Technical Report,01 Feb 2013,31 Jan 2017 Title : Integrated Real-Time Control and Imaging System for Microbiorobotics and Nanobiostructures Descriptive Note : Technical Report,01 Aug 2013,31 Jul 2014

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## **MATHEMATICAL AND STATISTICS ANXIETY: EDUCATIONAL, SOCIAL, DEVELOPMENTAL AND COGNITIVE PERSPECTIVES**

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*Frontiers Media SA* Mathematical anxiety is a feeling of tension, apprehension or fear which arises when a person is faced with mathematical content. The negative consequences of mathematical anxiety are well-documented. Students with high levels of mathematical anxiety might underperform in important test situations, they tend to hold negative attitudes towards mathematics, and they are likely to opt out of elective mathematics courses, which also affects their career opportunities. Although at the university level many students do not continue to study mathematics, social science students are confronted with the fact that their disciplines involve learning about statistics - another potential source of anxiety for students who are uncomfortable with dealing with numerical content. Research on mathematical anxiety is a truly interdisciplinary field with contributions from educational, developmental, cognitive, social and neuroscience researchers. The current collection of papers demonstrates the diversity of the field, offering both new empirical contributions and reviews of existing studies. The contributors also outline future directions for this line of research.

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## **ROBERTS ACADEMIC MEDICINE HANDBOOK**

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### **A GUIDE TO ACHIEVEMENT AND FULFILLMENT FOR ACADEMIC FACULTY**

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*Springer Nature* This authoritative, updated and expanded title serves as the gold-standard resource to assist physicians, clinicians, and scientists in developing effective and satisfactory careers in academic medicine. Covering such critical topics as finding one's path in academic medicine, getting established at an institution, approaching work with colleagues, writing and reviewing manuscripts, conducting empirical research, developing administrative skills, advancing one's academic career, and balancing one's professional and personal life, each chapter includes valuable career pointers and best practice strategies, as well as pithy words to the wise and questions to ask a mentor or colleague. Building on the success of the first edition, the *Roberts Academic Medicine Handbook: A Guide to Achievement and Fulfillment for Academic Faculty, 2nd Edition* includes new case examples and updated references, as well as many new and timely chapters on topics such as public speaking, working with the media, working with community-based organizations, philanthropy, and finding meaning and a sense of belonging in one's work. The *Roberts Academic Medicine Handbook, 2nd Edition* is an indispensable resource for all professionals entering or already established in academic medicine who wish to achieve a fulfilling career.

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## **INNOVATION, REGIONAL INTEGRATION, AND DEVELOPMENT IN AFRICA**

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### **RETHINKING THEORIES, INSTITUTIONS, AND POLICIES**

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*Springer* This edited volume discusses the role of innovation and regional integration in economic development in Africa. Over the past five decades, post-colonial African countries have struggled to break loose from the trap of poverty and underdevelopment through the adoption of various development strategies at regional, national, and continental levels. However, the results of both national and regional efforts at advancing development on the continent have been mixed. Although the importance of agglomeration and fusion of institutions have long been recognized as possible path to achieving economic development in Africa, the approach to regionalism has been unduly focused on market integration, while neglecting other dimensions such as social policy, mobility of labor, educational policy, biotechnology, regional legislation, manufacturing, innovation, and science and technology. This volume investigates the link between innovation, regional integration, and development in Africa, arguing that the immediate and long term development of Africa lies not just in the structural transformation of its economies but in the advancement of scientific and innovation capacities. The book is divided into four parts. Part I addresses the theoretical and conceptual underpinnings of innovation and regional integration in Africa. Part II presents case studies which examine how regional economic institutions are fostering innovation in Africa. Part III of the book deals with sectoral issues on innovation and integrated development in Africa. Part IV sets the future research on innovation, regional integration, and development in Africa. Combining theoretical analysis and a comparative, interdisciplinary approach, this volume is appropriate for researchers and students interested in economic development, political economy, African studies, international relations, agricultural science, and geography, as well as policymakers in regional economic communities and the African Union.

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## **ASIAN RESEARCH ON ENGLISH FOR SPECIFIC PURPOSES**

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### **PROCEEDINGS OF THE FIRST SYMPOSIUM ON ASIA ENGLISH FOR SPECIFIC PURPOSES, 2017**

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*Springer Nature* English for Specific Purposes (ESP), addressing the communicative needs and practices of particular professional or occupational groups, has developed rapidly in the past fifty years and is now a major force in English language teaching and research. This critical volume helps innovate the theory, practice, and methodology for ESP teaching and research in Asian countries and areas. Promoting communication and enhancing cooperation on ESP research and pedagogy across cultures, it provides ESP scholars,

educators and practitioners with an opportunity to benefit from each other's research and expertise in an age of globalization and digitalization. The volume provides an in-depth analysis of the latest scholarship on English teaching and research for general and specific academic and occupational purposes; the intercultural communication in ESP contexts; corpus linguistics and data-driven instruction for ESP; computer-assisted language learning and mobile-assisted language learning; evaluation of English writing courses; and ESP translation strategies.

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### **EVALUATION STUDY OF THE IFPRI/A4NH RESEARCH PROGRAM ON DIET QUALITY AND HEALTH OF THE POOR**

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*Intl Food Policy Res Inst IFPRI's Poverty, Health, and Nutrition Division (PHND) and the CGIAR Research Program on Agriculture for Nutrition and Health (A4NH) have conducted research since 2003 on the critical links between nutrition, health, and agriculture. This evaluation considers the impact of the work carried out through 2016, looking at the research strategy, engagement, capacity building, and impact on programs and policies and global dialogue. Findings suggest that the Diet Quality and Health of the Poor program has been successful in developing and sharing valuable research, knowledge, and data, and has brought new issues and approaches to partners and stakeholders. Through a range of projects, the program has effectively engaged with stakeholders, partners, and governments to support capacity enhancement and to help shape national interventions to improve nutrition.*

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### **DRIVING SCIENCE INFORMATION DISCOVERY IN THE DIGITAL AGE**

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*Chandos Publishing New digital technologies have transformed how scientific information is created, disseminated—and discovered. The emergence of new forms of scientific publishing based on open science and open access have caused a major shift in scientific communication and a restructuring of the flow of information. Specialized indexing services and search engines are trying to get into information seekers' minds to understand what users are actually looking for when typing all these keywords or drawing chemical structures. Using artificial intelligence (AI), machine learning, and semantic indexing, these "discovery agents" are trying to anticipate users' information needs. In this highly competitive environment, authors should not sit and rely only on publishers, search engines, and indexing services to make their works visible. They need to communicate about their research and reach out to a larger audience. Driving Science Information Discovery in the Digital Age looks through the "eyes" of the main "players" in this "game" and examines the discovery of scientific information from three different, but intertwined, perspectives: Discovering, managing, and using information (Information seeker perspective) Publishing, disseminating, and making information discoverable (Publisher perspective) Creating, spreading, and promoting information (Author perspective). Presents an overview of the current scientific publishing landscape Shows how users can search for scientific information more efficiently Critically analyses the metrics used to measure the quality of journals and the impact of research Looks at the discovery of scientific information from the perspectives of information seekers, publishers, and authors Delves into the practices used by specialized indexing services and search engines to process scientific information and make it discoverable Recommends strategies that authors could use to promote their research.*

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### **THESIS WRITING FOR MASTER'S AND PH.D. PROGRAM**

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*Springer This book on Thesis Writing for Master's and Ph.D. program focuses on the difficulties students encounter with regard to choosing a guide; selecting an appropriate research title considering the available resources; conducting research; and ways to overcome the hardships they face while researching, writing and preparing their dissertation for submission. Thesis writing is an essential skill that medical and other postgraduates are expected to learn during their academic career as a mandatory partial requirement in order to receive the Master's degree. However, at the majority of medical schools, writing a thesis is largely based on self-learning, which adds to the burden on students due to the tremendous amount of time spent learning the writing skills in addition to their exhausting clinical and academic work. Due to the difficulties faced during the early grooming years and lack of adequate guidance, acquiring writing skills continues to be a daunting task for most students. This book addresses these difficulties and deficiencies and provides comprehensive guidance, from selecting the research title to publishing in a scientific journal.*

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### **INTERDISCIPLINARY RESEARCH IN TECHNOLOGY AND MANAGEMENT**

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#### **PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON INTERDISCIPLINARY RESEARCH IN TECHNOLOGY AND MANAGEMENT (IRTM, 2021), 26-28 FEBRUARY, 2021, KOLKATA, INDIA**

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*CRC Press The conference on "Interdisciplinary Research in Technology and Management" was a bold experiment in deviating from the traditional approach of conferences which focus on a specific topic or theme. By attempting to bring diverse inter-related topics on a common platform, the conference has sought to answer a long felt need and give a fillip to interdisciplinary research not only within the technology domain but across domains in the management field as well. The spectrum of topics covered in the research papers is too wide to be singled out for specific mention but it is noteworthy that these papers addressed many important and relevant concerns of the day.*

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### **COMPARATIVE RESEARCH ON EARNINGS MANAGEMENT, CORPORATE GOVERNANCE, AND ECONOMIC VALUE**

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*IGI Global New trends are emerging regarding earnings management and corporate governance showing similarities and striking differences in the practices of different countries and economies. These new trends currently shape the field of modern corporate governance with crucial issues being looked at in governance law and practices, accounting systems, earnings quality and management, stakeholder involvement, and more. In order to advance these new avenues in corporate governance, research looks at accounting policies firms use in different opportunistic circumstances in order to manage earnings, the corporate governance practices in different countries, firm performance, and other dimensions of companies. The understanding of these topics is beneficial in understanding the current state of different types of firms and their practices in modern times. Comparative Research on Earnings Management, Corporate Governance, and Economic Value is focused on the investigation of key challenges and perspectives of corporate governance and earnings management and outlines possible scenarios of its development. The chapters explore this new*

avenue of research and cover theoretical, empirical, and experimental studies related to different themes in the global context of earnings management and corporate governance. This book is ideal for economists, businesses, managers, accountants, practitioners, stakeholders, researchers, academicians, and students who are interested in the current issues and advancements in corporate governance and earnings management.

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## **A GUIDE TO THE SCIENTIFIC CAREER**

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### **VIRTUES, COMMUNICATION, RESEARCH, AND ACADEMIC WRITING**

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John Wiley & Sons A concise, easy-to-read source of essential tips and skills for writing research papers and career management In order to be truly successful in the biomedical professions, one must have excellent communication skills and networking abilities. Of equal importance is the possession of sufficient clinical knowledge, as well as a proficiency in conducting research and writing scientific papers. This unique and important book provides medical students and residents with the most commonly encountered topics in the academic and professional lifestyle, teaching them all of the practical nuances that are often only learned through experience. Written by a team of experienced professionals to help guide younger researchers, *A Guide to the Scientific Career: Virtues, Communication, Research and Academic Writing* features ten sections composed of seventy-four chapters that cover: qualities of research scientists; career satisfaction and its determinants; publishing in academic medicine; assessing a researcher's scientific productivity and scholarly impact; manners in academics; communication skills; essence of collaborative research; dealing with manipulative people; writing and scientific misconduct: ethical and legal aspects; plagiarism; research regulations, proposals, grants, and practice; publication and resources; tips on writing every type of paper and report; and much more. An easy-to-read source of essential tips and skills for scientific research Emphasizes good communication skills, sound clinical judgment, knowledge of research methodology, and good writing skills Offers comprehensive guidelines that address every aspect of the medical student/resident academic and professional lifestyle Combines elements of a career-management guide and publication guide in one comprehensive reference source Includes selected personal stories by great researchers, fascinating writers, inspiring mentors, and extraordinary clinicians/scientists *A Guide to the Scientific Career: Virtues, Communication, Research and Academic Writing* is an excellent interdisciplinary text that will appeal to all medical students and scientists who seek to improve their writing and communication skills in order to make the most of their chosen career.

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## **SCIENCE TEACHERS' KNOWLEDGE DEVELOPMENT**

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BRILL Jan van Driel presents an overview of his research on the professional knowledge that science teachers develop and enact in their teaching to promote student understanding and engagement in science.

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## **GETTING TO GOOD**

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### **RESEARCH INTEGRITY IN THE BIOMEDICAL SCIENCES**

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Springer This book represents the first comprehensive, gold standard reader on research integrity in the biomedical sciences. Now more than ever, the responsible conduct of research (RCR) has become critically important as new technologies affect research practices in both positive and negative ways. Since learning to do science and practicing it brings researchers into contact with a vast array of ethical issues, it is critical to know the standards and how they are evolving. Indeed, research integrity requires scientists at all levels to operate ethically in a system that supports ethical practice. This unique, foundational text covers all the relevant areas -- subject protection, research misconduct and conflict of interest as well as newly quantified concerns about research bias and non-reproducibility, as well as other unique issues. Developed by renowned experts, this compelling title discusses the full range of practices and policies that should support research that is honestly produced and disseminated. It also specifically incorporates topics noted by the National Institutes of Health as essential and required for training in RCR. *Getting to Good - Research Integrity in the Biomedical Sciences* is a major contribution to the literature on bioethics and will serve as an invaluable resource for all researchers, students, administrators and professionals interested in research ethics and integrity.

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## **REVISITING THE EFFECTIVENESS OF TRANSCRANIAL DIRECT CURRENT BRAIN STIMULATION FOR COGNITION: EVIDENCE, CHALLENGES, AND OPEN QUESTIONS**

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Frontiers Media SA The aim of this Frontiers Research Topic is to assemble a collection of papers from experts in the field of non-invasive brain stimulation that will discuss (1) the strength of the evidence regarding the potential of tDCS to modulate different aspects of cognition; (2) methodological caveats associated with the technique that may account for the variability in the reported findings; and (3) a set of challenges and future directions for the use of tDCS that can determine its potential as a reliable method for cognitive rehabilitation, maintenance, or enhancement.

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## **CORPORATE SOCIAL RESPONSIBILITY AND ORGANIZATIONAL PSYCHOLOGY: QUID PRO QUO**

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Frontiers Media SA Researchers, corporate leaders, and other stakeholders have shown increasing interest in Corporate Social Responsibility (CSR)—a company's discretionary actions and policies that appear to advance societal well-being beyond its immediate financial interests and legal requirements. Spanning decades of research activity, the scholarly literature on CSR has been dominated by meso- and macro-level perspectives, such as studies within corporate strategy that examine relationships between firm-level indicators of social/environmental performance and corporate financial performance. In recent years, however, there has been an explosion of micro-oriented CSR research conducted at the individual-level of analysis, especially with respect to studies on how and why job seekers and employees perceive and react to CSR practices. This micro-level focus is reflected in 12 articles published in this edited volume as a research topic collection in *Frontiers in Psychology (Organizational Psychology Specialty Section)* titled "Corporate social responsibility and organizational psychology: Quid pro quo."