

Writing a scientific report

A scientific report should conform to the following general arrangement:

Title

Abstract

Introduction

Materials and Methods

Results

Discussion

References

The **TITLE** should clearly and briefly indicate what the report is about. The title is never a complete sentence, and articles (a, an, the) are usually omitted. Use maximal capitalisation.

The **ABSTRACT** should be no longer than 200 words and should include the main objectives, findings (i.e. results) and the conclusions. A reader should be able to grasp the full scope and significance of the work reported without having to read the entire report.

The **INTRODUCTION** discusses the theoretical background to the investigation and places the present work in context. Relevant references should be cited and the reader's attention moved from the general to the specific. The aims of the present study should be clearly stated at the end of the introduction.

The **MATERIALS AND METHODS** section should include all information required for an exact repetition of the work performed. Since you are reporting on work already done, it is customary to use the **PAST PASSIVE** tense. Compare the following:

PAST ACTIVE: We performed the experiment over three weeks.

PAST PASSIVE: The experiment was performed over three weeks.

The **methods** should not be written as instructions to the reader, nor presented as an itemised list. Subheadings may be appropriate. For work conducted in class, a reference to the appropriate practical manual may be enough in this section.

The **RESULTS** consist of data and some comment which draws attention to the most significant aspects of the results. The data are usually presented in tables or graphs, but do not present the data in more than one format. Any comment on the results should be quantitative, not just qualitative; that is, any comments should be backed up with data.

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Edward Blair, Johnny Blair



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Pediatric Neuropsychology Elise K. Hodges, Jeffrey G. Kuentzel, Julie N. Hook, 2022-12-05 Pediatric Neuropsychology Perspectives in an Ambulatory Care Setting provides an overview of the most commonly seen disorders in outpatient settings including ADHD Autism congenital heart disease blood cancer and hematologic conditions brain tumors and epilepsy Each

chapter provides up to date information on these pediatric neurodevelopmental and medical disorders including a review of the neuroanatomic contributions as well as an overview of the neuropsychological findings. Alongside the neuroanatomic and neuropsychological underpinnings, case examples and intervention recommendations are provided for parents, educators and others who work with these populations to enhance the ecological validity of neuropsychological assessments. With reference to the latest diagnostic criteria, this book is an invaluable resource for neuropsychologists or neuropsychology students whose work includes pediatric patients with neurodevelopmental and neuro medical disorders. It is designed to provide practical information but also the most up to date research in neurobiological and neuroanatomical contributions of these disorders to inform the practitioner and enhance the care provided to their pediatric patients.

Research Methods in Psychology

Paul G. Nestor, Russell K. Schutt, 2018-10-05. The authors are proud sponsors of the 2020 SAGE Keith Roberts Teaching Innovations Award, enabling graduate students and early career faculty to attend the annual ASA pre conference teaching and learning workshop. *Research Methods in Psychology: Investigating Human Behavior* draws on fascinating stories to illustrate the entire research process within a unifying conceptual framework. Bestselling authors Paul G. Nestor and Russell K. Schutt present a clear and comprehensive introduction to the logic and techniques of research methods in psychology by employing a unique combination of two distinct yet complementary pedagogical techniques. First, chapters designed for experiential, hands-on studies put the student in the roles of researcher, participant and consumer to bring concepts to life. Second, the findings of cognitive science guide the text in a way that is most conducive to learning. This novel approach serves as an effective way to make the world of psychological research fun and rewarding for students, in addition to allowing them to gain the foundational knowledge they need to design, conduct and present research.

Science Education: Research and Practice in Asia-Pacific and Beyond Jennifer Yeo, Tang Wee Teo, Kok-Sing Tang, 2017-10-16. This book is based on presentations at the International Science Education Conference (ISEC) 2014. It showcases a selection of the best papers by researchers and science teachers from the Asia Pacific region, North America and the United Kingdom. Centered on the theme of 'Pushing the boundaries: Investing in our future', they pursue new ways of helping learners appreciate the diversity and changes in science that result from a globalised world facing complex and diverse environmental and technological issues. The chapters touch on various themes in science education that explore and investigate issues of scientific literacy, societal challenges and affect, and teacher professional development. Its comprehensive themes make it a valuable textbook for graduate students of master's and Ph.D. programs. It also appeals to pre-service and in-service teachers as a resource on innovative pedagogical practices and creative methods of professional development. With a selection that emphasises the research-practice nexus in education research, it serves as an introductory handbook for teachers to connect with the current issues facing science education.

Applied Survey Sampling Edward Blair, Johnny Blair, 2014-12-02. Written for students and researchers who wish to understand the conceptual and practical aspects of sampling. *Applied Survey Sampling* by Edward A.

Blair and Johnny Blair is designed to be accessible without requiring advanced statistical training It covers a wide range of topics from the basics of sampling to special topics such as sampling rare populations sampling organizational populations and sampling visitors to a place Using cases and examples to illustrate sampling principles and procedures the book thoroughly covers the fundamentals of modern survey sampling and addresses recent changes in the survey environment such as declining response rates the rise of Internet surveys the need to accommodate cell phones in telephone surveys and emerging uses of social media and big data **Fire Prevention Inspection** Civil Service Chronicle, New York,1912

Essentials of Psychological Assessment Supervision A. Jordan Wright,2019-09-23 The only pocket size reference on supervising psychological testing and assessment In 2014 the American Psychological Association APA adopted a set of guidelines for clinical supervision for health service psychology While technically covered by these guidelines supervising clinical psychological assessment includes additional tasks such as ensuring accurate administration scoring and interpretation of tests and tensions Supervisors must often instruct supervisees on the data integration process which can involve more direct teaching than standard clinical supervision while encompassing the same interpersonal therapeutic and less structured guiding aspects as psychotherapy supervision It is increasingly common to view clinical supervision in the assessment process and supervision of psychotherapy as two significantly different tasks Surprisingly there is very little training and guidance available on appropriate effective and beneficial methods of psychological assessment supervision Essentials of Psychological Assessment Supervision seeks to remedy the lack of literature in this area offering guidance on supervising psychological testing and assessment This much needed guide provides supervisors with authoritative up to date information on guidelines relevant to assessment supervision Additionally detailed coverage of supervision of cognitive personality emotional psychoeducational neuropsychological forensic and therapeutic assessments among others provide supervisors with guidance and structure in the supervision process Focusing on practical application this book offers guidance on topics such as assessment models appropriate in different areas of assessment diversity issues evaluation and feedback of supervisee performance and ethical legal and regulatory considerations relevant in each assessment context An invaluable resource for practitioners this book Offers practical advice on supervising a wide range of clinical psychological assessments Includes contributions from experts in their respective subfields Provides guidance on incorporating new American Psychological Association APA and Society for Personality Assessment SPA guidelines into the supervision process Fills an urgent need for an up to date reference on assessment supervision Essentials of Psychological Assessment Supervision is a must have reference for both psychology practitioners who supervise the assessment process and instructors of psychological testing and assessment *Clinical Interviewing* John Sommers-Flanagan,Rita Sommers-Flanagan,2023-12-07 Learn to conduct state of the art clinical interviews in therapeutic settings *Clinical interviewing* is the foundation upon which all counselling and psychotherapy rests In the newly revised seventh edition of

Clinical Interviewing John and Rita Sommers Flanagan provide a comprehensive analysis and discussion of the clinical interview along with skill building applications Extensive and practical coverage of culturally sensitive assessment case formulation treatment planning and psychosocial interventions are included This new edition continues in the Sommers Flanagan s tradition of relationally oriented clinical interviewing it also offers fresh content cutting edge citations diverse case examples updated language and more deeply integrates culture ethnicities and diverse representation while strengthening the book s evidence based orientation Learners will have an engaging reading experience with trusted authors who cover vital content for all mental health professionals Readers will also find Complementary videos that feature a diverse range of clinicians and clients discussing core ideas and demonstrating key techniques Guidance and strategies for clinician stress management and self care For the instructor s edition An online instructor s manual with supplementary lecture ideas discussion questions classroom demonstrations an online test bank and downloadable PowerPoint slides An essential text covering an equally essential topic Clinical Interviewing is written for aspiring and practicing counselors psychotherapists and mental health professionals seeking up to date guidance on how to conduct a state of the art and science clinical interview

Water and Wastewater Project Development Frank Rendell,1999 This volume provides instruction and guidance on the evaluation and decision making processes involved in the conception and realisation of water and wastewater engineering projects The author also explains methods for financial analysis of project proposals environmental impact assessment and the management of water projects *Business Communication: Concepts, Cases, and Applications* P. D. Chaturvedi,2011 The second edition of Business Communication Concepts Cases and Applications builds on the key strengths of the first edition clear writing style and comprehensive content by updating the material to reflect the latest research and technological developments in business communication and presenting it in a style that engages the reader

Basic Course in Production Planning and Control United States. Agency for International Development. Communications Resources Division,1961 **The Case Manager's Handbook** Catherine M. Mullahy,2016-05-23 Written by renowned author Catherine M Mullahy The Case Manager s Handbook Sixth Edition is an indispensable guide for case managers Presented in an accessible and conversational style this practical resource helps case managers learn the fundamentals study for the Certified Case Manager CCM exam and advance their careers after the exam Completely updated and enhanced with information on the latest developments affecting case management it reflects the rapidly changing healthcare landscape including the significant effects of the Affordable Care Act ACA The Sixth Edition includes new chapters on pediatric case management workers compensation case management key factors driving today s healthcare system the case manager s role in the era of value based health care case management and healthcare provider strategies for managing the high risk or high cost patient and transformative healthcare approaches for the millennial generation

Resources in Education ,1995 **Therapeutic Practice in Schools** Lyn French,Reva Klein,2013-03 This book is an

indispensable guide to providing therapy services for children and adolescents in primary and secondary school settings The contributors have extensive experience in the field and carefully examine every aspect of the work ranging from developing an understanding of the school context in all its complexity through to what to say and do in challenging therapy sessions and in meetings with school staff or parents and carers Therapeutic Practice in Schools opens with an overview of key psychoanalytic concepts informing therapy practice This is followed by a detailed exploration of the hopes and anxieties raised by providing therapy in schools the factors that either enable or impede the therapist's work and how to manage expectations as well as measure outcomes The practical aspects of delivering therapy sessions are also covered from the initial assessment phase through recognising and working with anxieties defences transference and counter transference to working with endings An awareness of the impact of social identity gender race and culture on both the therapist and client is woven into the book and is also discussed in depth in a dedicated chapter The manual offers a comprehensive yet highly readable guide to the complex world of school based therapy It provides practical examples of how therapists translate theory into everyday language that can be understood by their young clients ensuring that trainees starting a placement in schools as well as therapists beginning work in the educational setting for the first time are able to take up their role with confidence

Dare to Be a Revolutionary Leader Charley Swords, 2021-04-15 There is no such thing as perfection only growth The same applies to leadership Charley Swords an expert in working with leadership and management teams drives home the point that there is no one size fits all leadership style She argues that the most important thing to know about leadership is that it occurs at all levels individual group and across the organization As you read this guide you'll learn how to develop a new mental image of yourself value and lead your employees with integrity balance intrinsic and extrinsic motivators The author also highlights the importance of consciously choosing your thoughts feelings and actions to support achieving your personal and professional goals Other topics include self leadership powerful communications engaging and empowering your employees the art of delegation and ultimately living your life on purpose Filled with simple effective and insightful exercises this guide provides a detailed framework to assess and develop your skills as a leader The choice to become a soul centered and people focused leader is yours and it starts with daring to be a revolutionary leader

Scientific Method Randall K. Noon, 2009-04-27 Most failure or accident investigations begin at the end of the story after the explosion after the fire has been extinguished or after the collapse In many instances information about the last event and the starting event is known reasonably well Information about what occurred between these endpoints however is often unclear confusing and perhaps contradictory *Scientific Method Applications in Failure Investigation and Forensic Science* explains how scientific investigative methods can best be used to determine why and how a particular event occurred While employing examples from forensic engineering the book uses principles and ideas applicable to most of the forensic sciences The author examines the role of the failure investigator describes the fundamental method for investigation discusses the

optimal way to organize evidence and explores the four most common reasons why some investigations fail The book provides three case studies that exemplify proper report writing contains a special chapter profiling a criminal case by noted forensic specialist Jon J Nordby and offers a reading list of resources for further study Concise and illustrative this volume demonstrates how the scientific method can be applied to failure investigation in ways that avoid flawed reasoning while delivering convincing reconstruction scenarios Investigators can pinpoint where things went wrong providing valuable information that can prevent another catastrophe

High-Impact Assessment Reports for Children and Adolescents Robert Lichtenstein, Bruce Ecker, 2019-01-07 Assessment provides rich opportunities for understanding the needs of children and adolescents yet reports are often hard for parents teachers and other consumers to comprehend and utilize This book provides step by step guidelines for creating psychoeducational and psychological reports that communicate findings clearly promote collaboration and maximize impact Effective practices for written and oral reporting are presented including what assessment data to emphasize how to organize reports and convey test results and how to craft useful recommendations In a large size format for easy photocopying the book includes sample reports training exercises and reproducible templates rubrics and forms Purchasers get access to a Web page where they can download and print the reproducible materials This book is in The Guilford Practical Intervention in the Schools Series edited by Sandra M Chafouleas

Individualizing Psychological Assessment Constance T. Fischer, 2012-12-06 Assessments by psychologists educators and other human service professionals too often end with the client being reported in terms of scores bell shaped curves traits psychodynamic forces or diagnostic labels Individualizing Psychological Assessment uses these classification devices in ways that facilitate returning from them to the individual s life both during the assessment session and in written reports The book presents an approach and procedures through which a person s actual life becomes the subject matter of assessment Thoroughly revised from the previous edition the book presents a wide range of concrete examples and illustrative cases that will serve both students and practicing professionals alike in individualizing assessments

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