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The Artist as Inventor Feb 28 2021 This book opens new perspectives on cinema, arts, and the media. It provides a rereading of the past and explains the challenges facing artists today.

Development and Gender Capital in India Apr 20 2020 The Indian state of Kerala has invoked much attention within development and gender debates, specifically in relation to its female capital- an outcome of interrelated historical, cultural and social practices. On the one hand, Kerala has been romanticised, with its citizenry, particularly women, being free of social divisions and uplifted through educational well-being. On the other hand, its realism is stark, particularly in the light of recent social changes. Using a Bourdieusian frame of analysis, *Development and Gender Capital in India* explores the forces of globalisation and how they are embedded within power structures. Through narratives of women's lived experiences in the private and public domains, it highlights the 'anomie of gender' through complexities and contradictions vis-à-vis processes of modernity, development and globalisation. By demonstrating the limits placed upon gender capital by structures of patriarchy and domination, it argues that discussions about the empowered Malayalee women should move from a mere 'politics of rhetoric and representation' to a more embedded 'politics of transformation', meaningfully taking into account women's changing roles and identities. This book will be of interest to scholars and students of Development Studies, Gender Studies, Anthropology and Sociology.

Electrochemical Strategies in Detection Science May 14 2022 Electrochemical methods of chemical analysis have been widely used for many years, the purpose of this volume is to address research and development advances based on new and re-vitalised methods, new materials with enhanced properties and new devices that achieve better electroanalytical signal generation.

Screen-Printing Electrochemical Architectures Mar 12 2022 This book offers an essential overview of screen-printing. Routinely utilised to fabricate a range of useful electrochemical architectures, screen-printing is also used in a broad range of areas in both industry and academia. It supports the design of next-generation electrochemical sensing platforms, and allows proven laboratory-based approaches to be upscaled and commercially applied. To those skilled in the art, screen-printing allows novel and useful electrochemical architectures to be mass produced, offering fabrication processes that are cost-effective yet highly reproducible and yield significant electrical benefits. However, there is no readily available textbook that actually equips readers to set about the task of screen-printing, explaining its techniques and implementation. Addressing that gap, this book will be of interest to both academics and industrialists delving into screen-printing for the first time. It offers an essential resource for those readers who want learn to successfully design, fabricate and implement (and mass-produce) electrochemical based architectures, as well as those who already have a basic understanding of the process and want to advance their technical knowledge and skills.

Imaging the City May 22 2020 *Imaging the City* brings together the work of designers, artists, dancers and media specialists who cross the borders of design and artistic practices to investigate how we perceive the city; how we imagine it; how we experience it; and how we might better design it. Breaking disciplinary boundaries, editors Steve Hawley, Edward Clift and Kevin

O'Brien provocatively open up the field of urban analysis and thought to the perspectives of creative professionals from non-urban disciplines. With a cast of contributors from across the globe, *Imaging the City* offers international insight for engaging with – and forecasting the future for – our cities.

AUDINT-Unsound:Undead Jun 03 2021 Tracing the potential of sound, infrasound, and ultrasound to access anomalous zones of transmission between the realms of the living and the dead. For as long as recording and communications technologies have existed, operators have evoked the potential of sound, infrasound, and ultrasound to access anomalous zones of transmission between the realms of the living and the dead. In *Unsound:Undead*, contributors from a variety of disciplines chart these undead zones, mapping out a nonlinear timeline populated by sonic events stretching from the 8th century BC (the song of the Sirens), to 2013 (acoustic levitation), with a speculative extension into 2057 (the emergence of holographic and holosonic phenomena). For the past seven years the AUDINT group has been researching peripheral sonic perception (unsound) and the ways in which frequencies are utilized to modulate our understanding of presence/non-presence, entertainment/torture, and ultimately life/death. Concurrently, themes of hauntology have inflected the musical zeitgeist, resonating with the notion of a general cultural malaise and a reinvestment in traces of lost futures inhabiting the present. This undead culture has already spawned a Lazarus economy in which Tupac, ODB, and Eazy-E are digitally revived as laser-lit holograms. The obscure otherworldly dimensions of sound have also been explored in the sonic fictions produced by the likes of Drexciya, Sun Ra, and Underground Resistance, where hauntology is virtually extended: the future appears in the cracks of the present. The contributions to this volume reveal how the sonic nurtures new dimensions in which the real and the imagined (fictional, hyperstitional, speculative) bleed into one another, where actual sonic events collide with spatiotemporal anomalies and time-travelling entities, and where the unsound serves to summon the undead. Contributors Lawrence Abu Hamdan, Lendl Barcelos, Charlie Blake, Lisa Blanning, Brooker Buckingham, Al Cameron, Erik Davis, Kodwo Eshun, Matthew Fuller, Kristen Gallerneaux, Lee Gamble, Agnès Gayraud, Steve Goodman, Anna Greenspan, Olga Gurionova, S. Ayesha Hameed, Tim Hecker, Julian Henriques, Toby Heys, Eleni Ikoniadou, Amy Ireland, Nicola Masciandaro, Ramona Naddaff, Anthony Nine, The Occulture, Luciana Parisi, Alina Popa, Paul Purgas, Georgina Rochefort, Steven Shaviro, Jonathan Sterne, Jenna Sutela, Eugene Thacker, Dave Tompkins, Shelley Trower, and Souzana Zamfe.

Education for Democratic Intercultural Citizenship May 02 2021 Education for Democratic Intercultural Citizenship (EDIC) is very relevant in contemporary societies. All citizens, but in particular teachers, curriculum developers, educational policy makers, and educational professionals in civil society (NGOs) have a crucial role in this. Seven European universities are working together in developing a curriculum to prepare their students for this important academic, societal and political task. As part of an Erasmus+ Strategic Partnership they each develop a module in the area of moral, intercultural and citizenship education. All modules are international and inquiry oriented, and make links with society.00In this book the leading scholars write the theoretical background of their module, their curriculum guidelines and goals, the concrete programmes, and the experiences of students. The universities had an annual intensive programme in which students and teachers of all universities came together to have try-outs of parts of the modules. These programmes contributed strongly to the network building of researchers, teachers and students.00The activities have given a strong stimulus to the implementation of Education for Democratic Intercultural Citizenship in the participating universities and in educational organisations worldwide. The experiences show both the necessity and the relevance of this topic and this kind of collaboration.

Documentary Research in the Social Sciences Feb 17 2020 From diaries and letters to surveys and interview transcripts, documents are a cornerstone of social science research. This book guides you through the documentary research process, from choosing the best research design, through data collection and analysis, to publishing and sharing research findings. Using extensive case studies and examples, it situates documentary research within a current context and empowers you to use this method to meet new challenges like digital research and big data head on. In a jargon-free style perfect for beginner researchers, this book helps you to: · Interrogate documentary material in meaningful ways · Choose the best research design for your project, from literature reviews to policy research · Understand a range of approaches, including quantitative, qualitative and mixed methods. Accessible, clear and focused, this book gives you the tools to conduct your own documentary research and celebrates the importance of documentary analysis across the social sciences.

Critical Thinking Skills for Education Students Feb 11 2022 Revised and extended to cover critical reflection and evaluation of information resources, this new edition of *Critical Thinking Skills for Education Students* is a practical and user-friendly text to help education students develop their understanding of critical analysis. It outlines the skills needed to examine and challenge data and encourages students to adopt this way of thinking to enrich their personal and professional development. The text helps students to develop their self-evaluation skills in order to recognise personal values and perceptions. Critical analysis, modeling, case studies, worked examples and reflective tasks are used to engage the reader with the text - building both skills and confidence. This book is part of the *Study Skills in Education Series*. This series addresses key study skills in the context of education courses, helping students identify their weaknesses, increase their confidence and realise their academic potential. Titles in this series are suitable for students on: any course of Initial Teacher Training leading to QTS; a degree in Education or Education Studies; a degree in Early Years or Early Childhood Education; a foundation degree in any education related subject discipline. Lesley-Jane Eales-Reynolds is Pro Vice Chancellor (Education) at Kingston University. Brenda Judge is a Senior Lecturer at Manchester Metropolitan University. Elaine McCreery is Head of Primary, Early Years and Education Studies programmes at Manchester Metropolitan University. Patrick Jones, now retired, was Senior Lecturer in Primary Education at Manchester Metropolitan University.

The Survival of E-space Nov 15 2019

Theory and Methods in Social Research Dec 29 2020 This new edition provides a scholarly and readable introduction to all the key qualitative and quantitative research methodologies and methods, enabling postgraduate and masters-level students and new researchers to reflect on which ones suit their needs and to receive guidance on how to find out more. With chapters written by experienced research practitioners, this second edition has been extensively expanded and updated. There are seven completely new chapters, as well as new material on literature reviews, a new introduction to quantitative methods, an expanded glossary, weblinks with free access to a wide range of peer-reviewed journal articles, and an annotated bibliography with conversational notes from authors in each chapter. This book will act as your 'expert friend' throughout your research project, providing advice, explaining key concepts and the implications for your research design, and illustrating these with examples of real research studies.

From Dissertation to Book Mar 20 2020 All new Phd's hope that their dissertations can become books. But a dissertation is written for a committee and a book for the larger world. William Germano's *From Dissertation to Book* is the essential guide for academic writers who want to revise a doctoral thesis for publication. The author of *Getting It Published*, Germano draws upon his extensive experience in academic publishing to provide writers with a state-of-the-art view of how to turn a dissertation into a manuscript that publishers will notice. Acknowledging first that

not all these can become books, Germano shows how some dissertations might have a better life as one or more journal articles or as chapters in a newly conceived book. But even dissertations strong enough to be published as books first need to become book manuscripts, and at the heart of *From Dissertation to Book* is the idea that revising the dissertation is a fundamental process of adapting from one genre of writing to another. Germano offers clear guidance on how to do just this. Writers will find advice on such topics as rethinking the table of contents, taming runaway footnotes, shaping chapter length, and confronting the limitations of jargon, alongside helpful timetables for light or heavy revision. With crisp directives, engaging examples, and a sympathetic eye for the foibles of academic writing, *From Dissertation to Book* reveals to recent PhD's the process of careful and thoughtful revision—a truly invaluable skill as they grow into their new roles as professional writers.

British Universities in the Brexit Moment Sep 18 2022 This timely book provides an invaluable analysis of the impact the Brexit decision has and will offer a reflection on the reflexive relationship British higher education had to the Brexit vote itself.

Science Jan 10 2022

Cluster and Classification Techniques for the Biosciences Jan 22 2023 Advances in experimental methods have resulted in the generation of enormous volumes of data across the life sciences. Hence clustering and classification techniques that were once predominantly the domain of ecologists are now being used more widely. This 2006 book provides an overview of these important data analysis methods, from long-established statistical methods to more recent machine learning techniques. It aims to provide a framework that will enable the reader to recognise the assumptions and constraints that are implicit in all such techniques. Important generic issues are discussed first and then the major families of algorithms are described. Throughout the focus is on explanation and understanding and readers are directed to other resources that provide additional mathematical rigour when it is required. Examples taken from across the whole of biology, including bioinformatics, are provided throughout the book to illustrate the key concepts and each technique's potential.

Picturing Animals in Britain, 1750-1850 Jan 18 2020 From fine art paintings by such artists as Stubbs and Landseer to zoological illustrations and popular prints, a vast array of animal images was created in Britain during the century from 1750 to 1850. This highly original book investigates the rich meanings of these visual representations as well as the ways in which animals were actually used and abused. What Diana Donald discovers in this fascinating study is a deep and unresolved ambivalence that lies at the heart of human attitudes toward animals. The author brings to light dichotomies in human thinking about animals throughout this key period: awestruck with the beauty and spirit of wild animals, people nevertheless desired to capture and tame them; the belief that other species are inferior was firmly held, yet at the same time animals in stories and fables were given human attributes; though laws against animal cruelty were introduced, the overworking of horses and the allure of sport hunting persisted. Animals are central in cultural history, Donald concludes, and compelling questions about them--then and now--remain unanswered.

Research Methods in the Social Sciences Jul 24 2020 `This book provides an excellent balance between theory and practical application in social research. The book works well to develop students' understanding of particular methods of inquiry, embedding them within "real world" settings. I enviSAGE that it will help students to understand the nuances of particular approaches, the complementarity of certain methods, and the areas of conflict/contention within social research in a way that overcomes the sometimes abstract nature of these discussions? - Dr Jon Tan, School of Education and Professional Training, Leeds Metropolitan University `This book unlocks all of the important areas of social science research in an easily digestible and

stimulating style. Both students and supervisors in a range of disciplines will find this an excellent resource? - Fazal Rizvi, Professor in Educational Policy Studies at the University of Illinois at Urbana-Champaign Rather than being written by one or two `generalists?, this innovative book is written by a large number of active researchers about their specialisms in methods/methodologies. The book introduces all the key qualitative and quantitative research methodologies and methods and seeks to draw readers into a community of researchers engaged in reflection on the research process. Included are narrative accounts of carrying out a research study that explore the way in which the research design and methods are shaped by the methodology, discussing problematic issues, and reflecting on the way in which knowledge and understanding develop. Aimed at researchers and postgraduate students, it will also be invaluable for students at masters level. Click on the companion website logo above to access additional resources and links to accompany each chapter in the book. `Research Methods in the Social Sciences is a valuable pedagogical tool. It is organized as a dialogue between theory and key concepts, and practice - stories from the field allowing novices and scholars alike to see how critical interpretive research is actually conducted? - Norman K Denzin, University of Illinois

First Class Murder Sep 25 2020 The third instalment in the bestselling Murder Most Unladylike series; just like the iconic Agatha Christie, Hazel and Daisy have boarded the Orient Express! ----- 'A delight . . . Hazel and Daisy are aboard the Orient Express: cue spies, priceless jewels, a murder and seriously upgraded bun breaks' The Bookseller 'Addictive . . . A rumbustious reworking of Agatha Christie's Orient Express caper' New Statesman ----- Daisy Wells and Hazel Wong are taking a holiday on the world-famous Orient Express - and it's clear that each of their fellow first-class passengers has something to hide. Even more intriguing: there is rumour of a spy in their midst. Then, during dinner, there is a scream from inside one of the cabins. When the door is broken down, a passenger is found murdered, her stunning ruby necklace gone. But the killer has vanished - as if into thin air. Daisy and Hazel are faced with their first ever locked-room mystery - and with competition from several other sleuths, who are just as determined to crack the case.

Encyclopedia of Geographic Information Science Jun 22 2020 Geographic information science (GIScience) is an emerging field that combines aspects of many different disciplines. Spatial literacy is rapidly becoming recognized as a new, essential pier of basic education, alongside grammatical, logical and mathematical literacy. By incorporating location as an essential but often overlooked characteristic of what we seek to understand in the natural and built environment, geographic information science (GIScience) and systems (GISystems) provide the conceptual foundation and tools to explore this new frontier. The Encyclopedia of Geographic Information Science covers the essence of this exciting, new, and expanding field in an easily understood but richly detailed style. In addition to contributions from some of the best recognized scholars in GIScience, this volume contains contributions from experts in GIS' supporting disciplines who explore how their disciplinary perspectives are expanded within the context of GIScienceâ€"what changes when consideration of location is added, what complexities in analytical procedures are added when we consider objects in 2, 3 or even 4 dimensions, what can we gain by visualizing our analytical results on a map or 3D display? Key Features Brings together GIScience literature that is spread widely across the academic spectrum Offers details about the key foundations of GIScience, no matter what their disciplinary origins Elucidates vocabulary that is an amalgam of all of these fields Key Themes Conceptual Foundations Cartography and Visualization Design Aspects Data Manipulation Data Modeling Geocomputation Geospatial Data Societal Issues Spatial Analysis Organizational and Institutional Aspects The Encyclopedia of Geographic Information Science is an important resource for academic and corporate libraries.

Self-Interest before Adam Smith Jul 04 2021 Self-Interest before Adam Smith inquires into the foundations of economic theory. It is generally assumed that the birth of modern economic science, marked by the publication of *The Wealth of Nations* in 1776, was the triumph of the 'selfish hypothesis' (the idea that self-interest is the motive of human action). Yet, as a neo-Epicurean idea, this hypothesis had been a matter of controversy for over a century and Smith opposed it from a neo-Stoic point of view. But how can the Epicurean principles of orthodox economic theory be reconciled with the Stoic principles of Adam Smith's philosophy? Pierre Force shows how Smith's theory refutes the 'selfish hypothesis' and integrates it at the same time. He also explains how Smith appropriated Rousseau's 'republican' critique of modern commercial society, and makes the case that the autonomy of economic science is an unintended consequence of Smith's 'republican' principles.

British Qualifications 2013 Dec 17 2019 Now in its 43rd edition, *British Qualifications* is the definitive one-volume guide to every qualification on offer in the United Kingdom. With full details of all institutions and organizations involved in the provision of further and higher education, this publication is an essential reference source for careers advisors, students and employers. It also includes a comprehensive and up-to-date description of the structure of further and higher education in the UK. The book includes information on awards provided by over 350 professional institutions and accrediting bodies, details of academic universities and colleges and a full description of the current framework of academic and vocational educational. It is compiled and checked annually to ensure accuracy of information.

Covert Research Apr 01 2021 Undercover research is an emotive and controversial field often equated with deception and transgression. Using classic examples and contemporary case studies this book challenges covert research's dispersed place within the social sciences and rehabilitates its reputation as a powerful research method. Drawing in part on his own undercover research into the night-time economy of bouncers, the author explores the roots and evolution of covert research; his deft treatment of the fear and fascination within furtive fieldwork is grounded in the practicality of the methods and tools needed to conduct quality research in the field. Packed with learning-by-example tips, this book shows that with critical imagination and proper ethical foundations, covert research could be a great addition to your methodological toolkit.

New Manchester Alphabet Jan 30 2021

The Neuroscience of Creativity Jul 16 2022 Discover how the creative brain works across musical, literary, visual artistic, kinesthetic and scientific spheres, and how to study it.

Georgette Heyer, History and Historical Fiction Nov 27 2020 The Nonesuch is the name of one of Georgette Heyer's most famous novels. It means a person or thing without equal, and Georgette Heyer is certainly that. Her historical works inspire a fiercely loyal, international readership and are championed by literary figures such as A. S. Byatt and Stephen Fry. *Georgette Heyer, History, and Historical Fiction* brings together an eclectic range of chapters from scholars all over the world to explore the contexts of Heyer's career. Divided into four parts – gender; genre; sources; and circulation and reception – the volume draws on scholarship on Heyer and her contemporaries to show how her work sits in a chain of influence, and why it remains pertinent to current conversations on books and publishing in the twenty-first century. Heyer's impact on science fiction is accounted for, as are the milieu she was writing in, the many subsequent works that owe Heyer's writing a debt, and new methods for analysing these enduring books. From the gothic to data science, there is something for everyone in this volume; a celebration of Heyer's 'nonesuch' status amongst historical novelists, proving that she and her contemporary women writers deserve to be read (and studied) as more than just guilty pleasures.

Ethnography in Social Science Practice Feb 23 2023 *Ethnography in Social Science Practice* explores ethnography's increasing use across the social sciences, beyond its traditional bases in

social anthropology and sociology. It explores the disciplinary roots of ethnographic research within social anthropology, and contextualizes it within both field and disciplinary settings. The book is of two parts: Part one places ethnography as a methodology in its historical, ethical and disciplinary context, and also discusses the increasing popularity of ethnography across the social sciences. Part two explores the stages of ethnographic research via a selection of multidisciplinary case studies. A number of key questions are explored: What exactly is ethnographic research and what makes it different from other qualitative approaches? Why did ethnography emerge within one social science discipline and not others? Why did its adoption across the social sciences prove problematic? What are the methodological advantages and disadvantages of doing ethnographic research? Why are ethnographers so concerned by issues of ethics, politics, representation and power? What does ethnography look like within different social science disciplines? The book is aimed at social science students at both undergraduate and postgraduate level and each chapter has pedagogic features, including reflective activities and suggested further readings for students.

Armstrong's Handbook of Reward Management Practice Oct 15 2019 Armstrong's Handbook of Reward Management Practice is the definitive guide to understanding, developing and implementing effective reward. It is closely aligned to the CIPD's standard in reward management and is supported by online resources for both lecturers and students. Updated to reflect the practical implications of the most recent research and discussion on reward management, this new fifth edition includes a new chapter on computerized reward management, completely updated chapters on job evaluation, pay structures, merit pay and executive pay, and new case studies. As with all of Armstrong's texts, Armstrong's Handbook of Reward Management Practice truly bridges the gap between academic and practitioner and is, therefore ideally suited to anyone studying for a professional qualification in HR, of which Reward is often a core part, in particular the CIPD's intermediate and advanced level qualifications. Online supporting resources include lecture slides, an instructor's manual and a student's manual complete with a glossary, bibliography and literature review.

Environmental Forensics Dec 09 2021 This publication is based on peer-reviewed manuscripts from the 2014 International Network of Environmental Forensics (INEF) Conference held at St John's College, Cambridge. INEF is an organization founded by environmental forensic scientists for the express purpose of sharing and disseminating environmental forensic information to the international scientific community. Providing a wide range of up to date topics on the advancement and refinement of environmental forensic techniques, this book ensures the reader gets a good understanding of the scope of environmental forensics. Aimed at scientists, regulators, academics and consultants throughout the world, this professionally edited book is the fourth of a series of INEF conference publications chronicling the current state of the art in environmental forensics. Priced at £125.00 US\$200.00 €156.25

Saving sick Britain Oct 07 2021 Britain is sick and it needs saving. Covid-19 has brought death, disruption and disorder. It has revealed fundamental failures in public policy and our approach to health. For years, the same failures have perpetuated a host of modern plagues - long-running deadly epidemics in diabetes, depression and heart disease. These plagues pose systemic risks to society itself. In this timely book, Yuille and Ollier envisage a society that always puts the health of citizens first: the 'Health Society'. The time for dithering and tinkering has passed. Prevention of disease is a task for all branches of government – not just the NHS but also for every workplace, employer, community and citizen. The 'Health Society' means working in radically new ways to extend our healthy lives and sustainably increase national prosperity. Saving sick Britain follows the science and lays down a challenge to us all: are we ready to make the change required to end these modern plagues? In answering the question the book helps steer the reader

towards rethinking what both 'prevention' and 'health' mean in modern Britain.

Materials and Technology for Sportswear and Performance Apparel Aug 05 2021 Materials and Technology for Sportswear and Performance Apparel takes a close look at the design and development of functional apparel designed for high-performance sportswear. Implementing materials, performance, technology, and design and marketing, the book examines this rapidly emerging textile market and outlines future directions and growing trends. The book begins by explaining how a comfort-driven focus has led the industry to embrace knitted fabric as a popular choice of constructional material. Using examples of leading brands, it outlines the basic terminology, structural details, and essential properties appropriate for performance apparel, especially for sportswear. This book describes the differences between woven and knitted structures, provides an understanding of fabric behavior and the characteristics of a functional garment, and outlines the importance of garment fit and consumer perception of garment comfort in its design and development. The authors present key research outcomes on the design and development of functional apparel designed for high-performance sportswear that explore smart materials, impact-resistant fabrics and pressure sensing. They consider the use of 3-D body scanning and its influence on pattern engineering for apparel product development; highlight the widely used fiber types for sportswear and the importance of fiber blends and their performance, and discuss the relevance of fabric structure and its interaction with the human body. The book also presents research on moisture management and temperature regulation and analyzes the performance and development of smart sportswear intended for monitoring health and performance for a range of end uses. A definitive guide detailing the future of functional clothing and sportswear, this book: Describes how to design and develop functional clothing for sportswear Reflects current research outcomes and industry requirements Clarifies with visual illustration, practical examples, and case studies an understanding of techniques and concepts Explores specifics of garment design such as fit, shape, function, fashion and design Focuses on a commitment to designing ethical and sustainable products

Biological Aspects of Disease Sep 06 2021 Contains eleven contributions which address specific examples of the way in which animal experimentation leads to data applicable to human disease. Includes coverage of the ethics of animal use and advantages of animal models over alternate systems, including computer simulation, tissue culture, and in vitro biochemistry. Annotation copyrighted by Book News, Inc., Portland, OR

Introduction to Crowd Science Apr 13 2022 Includes Case Studies from a Range of Event Sites Introduction to Crowd Science examines the growing rate of crowd-related accidents and incidents around the world. Using tools, methods, and worked examples gleaned from over 20 years of experience, this text provides an understanding of crowd safety. It establishes how crowd accidents and incidents (specifically mass fatalities in crowded spaces) can occur. The author explores the underlying causes and implements techniques for crowd risk analysis and crowd safety engineering that can help minimize and even eliminate occurrences altogether. Understand Overall Crowd Dynamics and Levels of Complex Structure The book outlines a simple modeling approach to crowd risk analysis and crowds safety in places of public assembly. With consideration for major events, and large-scale urban environments, the material focuses on the practical elements of developing the crowd risk analysis and crowd safety aspects of an event plan. It outlines a range of modeling techniques, including line diagrams that represent crowd flow, calculations of the speed at which a space can fill, and the time it takes for that space to reach critical and crush density. It also determines what to consider during the event planning and approval (licensing/permitting) phases of the event process. Introduction to Crowd Science addresses key questions and presents a systematic approach to managing crowd risks in complex sites. It provides an understanding of the complexity of a site, that helps you plan for crowds in

public places.

The Palgrave Handbook of Women and Science since 1660 Dec 21 2022 This handbook provides a comprehensive overview of core areas of investigation and theory relating to the history of women and science. Bringing together new research with syntheses of pivotal scholarship, the volume acknowledges and integrates history, theory and practice across a range of disciplines and periods. While the handbook's primary focus is on women's experiences, chapters also reflect more broadly on gender, including issues of femininity and masculinity as related to scientific practice and representation. Spanning the period from the birth of modern science in the late seventeenth century to current challenges facing women in STEM, it takes a thematic and comparative approach to unpack the central issues relating to women in science across different regions and cultures. Topics covered include scientific networks; institutions and archives; cultures of science; science communication; and access and diversity. With its breadth of coverage, this handbook will be the go-to resource for undergraduates taking courses on the history and philosophy of science and gender history, while at the same time providing the foundation for more advanced scholars to undertake further historical and theoretical investigation.

In the Shadow of Enoch Powell Aug 25 2020 This book contributes to race and ethnicity studies through a focus on the small scale, racialised dynamics of locality during a sharpening climate of crisis in British society.

Advanced Strength and Conditioning Nov 20 2022 Becoming an effective strength and conditioning practitioner requires the development of a professional skills set and a thorough understanding of the scientific basis of best practice. Aimed at advanced students and novice-to-expert practitioners, in this book the authors explore the latest scientific evidence and apply it to exercise selection and programming choices across the full range of areas in strength and conditioning, from strength and power, speed and agility, to aerobic conditioning. Since the first edition of this text was written extensive research has expanded the supporting evidence base that provides the theoretical foundation for each chapter. In addition, some areas that were previously under-researched have now been expanded and some key concepts have been further challenged. Each chapter is written by experts with experience in a wide variety of sports, including both applied and research experience, ensuring this concise but sophisticated textbook is the perfect bridge from introductory study to effective professional practice. While advanced concepts are explored within the book, the coach must not forget that consistency in the application of the basic principles of strength and conditioning is the foundation of athletic development. **Advanced Strength and Conditioning: An Evidence-based Approach** is a valuable resource for all advanced students and practitioners of strength and conditioning and fitness training.

Manchester Metropolitan University, Food Science Oct 27 2020

Humanizing Mathematics and its Philosophy Aug 17 2022 This Festschrift contains numerous colorful and eclectic essays from well-known mathematicians, philosophers, logicians, and linguists celebrating the 90th birthday of Reuben Hersh. The essays offer, in part, attempts to answer the following questions set forth by Reuben himself as a focus for this volume: Can practicing mathematicians, as such, contribute anything to the philosophy of math? Can or should philosophers of math, as such, say anything to practicing mathematicians? Twenty or fifty years from now, what will be similar, and what will, or could, or should be altogether different: About the philosophy of math? About math education? About math research institutions? About data processing and scientific computing? The essays also offer glimpses into Reuben's fertile mind and his lasting influence on the mathematical community, as well as revealing the diverse roots, obstacles and philosophical dispositions that characterize the working lives of mathematicians. With contributions from a veritable "who's who" list of 20th century luminaries

from mathematics and philosophy, as well as from Reuben himself, this volume will appeal to a wide variety of readers from curious undergraduates to prominent mathematicians.

Encyclopedia of Renewable and Sustainable Materials Oct 19 2022 Encyclopedia of Renewable and Sustainable Materials provides a comprehensive overview, covering research and development on all aspects of renewable, recyclable and sustainable materials. The use of renewable and sustainable materials in building construction, the automotive sector, energy, textiles and others can create markets for agricultural products and additional revenue streams for farmers, as well as significantly reduce carbon dioxide (CO₂) emissions, manufacturing energy requirements, manufacturing costs and waste. This book provides researchers, students and professionals in materials science and engineering with tactics and information as they face increasingly complex challenges around the development, selection and use of construction and manufacturing materials. Covers a broad range of topics not available elsewhere in one resource Arranged thematically for ease of navigation Discusses key features on processing, use, application and the environmental benefits of renewable and sustainable materials Contains a special focus on sustainability that will lead to the reduction of carbon emissions and enhance protection of the natural environment with regard to sustainable materials

The European Nitrogen Assessment Jun 15 2022 Presenting the first continental-scale assessment of reactive nitrogen in the environment, this book sets the related environmental problems in context by providing a multidisciplinary introduction to the nitrogen cycle processes. Issues of upscaling from farm plot and city to national and continental scales are addressed in detail with emphasis on opportunities for better management at local to global levels. The five key societal threats posed by reactive nitrogen are assessed, providing a framework for joined-up management of the nitrogen cycle in Europe, including the first cost-benefit analysis for different reactive nitrogen forms and future scenarios. Incorporating comprehensive maps, a handy technical synopsis and a summary for policy makers, this landmark volume is an essential reference for academic researchers across a wide range of disciplines, as well as stakeholders and policy makers. It is also a valuable tool in communicating the key environmental issues and future challenges to the wider public.

Effective Science Communication Nov 08 2021 Being a scientist in the 21st century can be extremely demanding. In addition to conducting exceptional research we are expected to communicate it effectively to a variety of audiences, from scientists and students to policymakers and press officers. This book provides a roadmap for how to disseminate your research findings in an engaging manner via a range of channels, such as scientific publications, press releases, social media and outreach. Furthermore, by providing advice and worked examples on how to fund and publish your research, develop additional skills and support inclusive practices, this book provides a comprehensive handbook for how to be a successful scientist. This second edition brings the text up to date and includes additional material, while retaining the combination of clear insight and practical advice that made the first edition essential.

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- [The Neuroscience Of Creativity](#)

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- [Electrochemical Strategies In Detection Science](#)
- [Introduction To Crowd Science](#)
- [Screen Printing Electrochemical Architectures](#)
- [Critical Thinking Skills For Education Students](#)
- [Science](#)
- [Environmental Forensics](#)
- [Effective Science Communication](#)
- [Saving Sick Britain](#)
- [Biological Aspects Of Disease](#)
- [Materials And Technology For Sportswear And Performance Apparel](#)
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- [Covert Research](#)
- [The Artist As Inventor](#)
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