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501 - SONNY JACOBY

This book takes an integrated approach, using the principles of story structure to discuss every aspect of successful science writing, from the overall structure of a paper or proposal to individual sections, paragraphs, sentences, and words. It begins by building core arguments, analyzing why some stories are engaging and memorable while others are quickly forgotten, and proceeds to the elements of story structure, showing how the structures scientists and researchers use in papers and proposals fit into classical models. The book targets

the internal structure of a paper, explaining how to write clear and professional sections, paragraphs, and sentences in a way that is clear and compelling.

There is a pervasive sense of incessant acceleration in the academic world. This book puts the temporal ordering of academic life under the microscope, and showcases the means of yielding a better understanding of how time and temporality act both as instruments of power and vulnerability within the academic space.

Why and how systems of political financing and representation in Europe and

North America give outsized influence to the wealthy and undermine democracy, and what we can do about it. One person, one vote. In theory, everyone in a democracy has equal power to decide elections. But it's hardly news that, in reality, political outcomes are heavily determined by the logic of one dollar, one vote. We take the political power of money for granted. But does it have to be this way? In *The Price of Democracy*, Julia Cagé combines economic and historical analysis with political theory to show how profoundly our systems in North America and Europe, from

think tanks and the media to election campaigns, are shaped by money. She proposes fundamental reforms to bring democracy back into line with its egalitarian promise. Cagé shows how different countries have tried to develop legislation to curb the power of private money and to develop public systems to fund campaigns and parties. But these attempts have been incoherent and unsystematic. She demonstrates that it is possible to learn from these experiments in the United States, Europe, and elsewhere to design a better system that would increase political participation and trust. This would involve setting a strict cap on private donations and creating a public voucher system to give each voter an equal amount to spend in support of political parties. More radically, Cagé argues that a significant fraction of seats in parliamentary assemblies should be set aside for representatives from disadvantaged socioeconomic groups. At a time of widespread political disenchantment, *The Price of Democracy* is a bracing reminder of the problems we face and an inspirational guide to the potential for reform. This report compares the performance of the French innovation systems with that

of other countries and presents the conclusions of interviews with 30 key actors in the French research and innovation system.

This book includes selected contributions on applied mathematics, numerical analysis, numerical simulation and scientific computing related to fluid mechanics problems, presented at the FEF-“Finite Element for Flows” conference, held in Rome in spring 2017. Written by leading international experts and covering state-of-the-art topics in numerical simulation for flows, it provides fascinating insights into and perspectives on current and future methodological and numerical developments in computational science. As such, the book is a valuable resource for researchers, as well as Masters and Ph.D students.

Rapid, inexpensive, and easy-to-deploy, near-infrared (NIR) spectroscopy can be used to analyze samples of virtually any composition, origin, and condition. The *Handbook of Near Infrared Analysis, Fourth Edition*, explores the factors necessary to perform accurate and time- and cost-effective analyses across a growing spectrum

of disciplines. This updated and expanded edition incorporates the latest advances in instrumentation, computerization, chemometrics applied to NIR spectroscopy, and method development in NIR spectroscopy, and underscores current trends in sample preparation, calibration transfer, process control, data analysis, instrument performance testing, and commercial NIR instrumentation. This work offers readers an unparalleled combination of theoretical foundations, cutting-edge applications, and practical experience. Additional features include the following: Explains how to perform accurate as well as time- and cost-effective analyses. Reviews software-enabled chemometric methods and other trends in data analysis. Highlights novel applications in pharmaceuticals, polymers, plastics, petrochemicals, textiles, foods and beverages, baked products, agricultural products, biomedicine, nutraceuticals, and counterfeit detection. Underscores current trends in sample preparation, calibration transfer, process control, data analysis, and multiple aspects of commercial NIR instrumentation. Offering the most complete single-source guide of its kind, the *Handbook of Near Infrared Analysis*,

Fourth Edition, continues to offer practicing chemists and spectroscopists an unparalleled combination of theoretical foundations, cutting-edge applications, and detailed practical experience provided firsthand by more than 50 experts in the field. Public health has had positive results in the last two centuries when it comes to reducing the impact and prevalence of infectious disease. However, much remains to be done to reduce non-communicable diseases such as heart disease and cancer, which make up the major disease burden of the WHO European Region. This book takes a broad but detailed approach to public health in Europe and offers the most comprehensive analysis of this region currently available. It considers a huge range of key topics in public health and includes chapters on the following topics: Screening Health Promotion Tackling social determinants of health Health Impact Assessment The Public Health Workforce Public Health Research In addition to these topics and themes the authors consider the existing public health structures, capacities and services across a range of European countries; identifying what needs to be done to strengthen public

health action and improve public health outcomes. Reflecting the broad geographical scope of the entire WHO European region this book uses examples from a diverse range of countries to illustrate different approaches to public health. This book is essential reading for anyone studying or working in the field of public health, especially those with an interest in European practice. This title is in the European Observatory on Health Systems and Policies Series.

Real-World Electronic Voting: Design, Analysis and Deployment captures all major developments in electronic voting since 2003 in a real-world setting. It covers three broad categories: e-voting protocols, attacks reported on e-voting and new developments on the use of e-voting. This book explores recent innovations in both poll-site and remote voting systems and their application throughout the world. The requirements of elections are analysed, the available tools and technologies are described, and a variety of modern systems are presented in detail together with discussions of deployments. This is an invaluable resource for election professionals, researchers and policy makers alike. ?Key

Features: Reviews both technical and social aspects of e-voting Covers e-voting protocols, attacks reported on e-voting and new developments on the use of e-voting Designed for government election practitioners and policy makers who want to understand the threats and opportunities in e-voting and assess its suitability for future elections

La docencia e investigación en las Ciencias Sociales y Jurídicas no se realiza en el vacío. No debe ser así. Se debe tener en cuenta la realidad del mundo que las rodea y llevar además consigo un continuo proceso de aprendizaje, incluyendo el relativo a las nuevas tecnologías, las innovaciones metodológicas y de didáctica, así como otras cuestiones transversales, que permitan adaptarse a las necesidades de cada momento. Estos son los hilos conductores del libro que tiene en sus manos, el cual engloba un amplio número de capítulos realizados por un rico elenco de profesores e investigadores de universidades de varios países, incluido España, y pertenecientes a las diversas disciplinas que conforman la aludida rama de conocimiento.

Writing high quality grant applications is easier when you know how research funding agencies work and how your proposal is treated in the decision-making process. The Research Funding Toolkit provides this knowledge and teaches you the necessary skills to write high quality grant applications. A complex set of factors determine whether research projects win grants. This handbook helps you understand these factors and then face and overcome your personal barriers to research grant success. The guidance also extends to real-world challenges of grant-writing, such as obtaining the right feedback, dealing effectively with your employer and partner institutions, and making multiple applications efficiently. There are many sources that will tell you what a fundable research grant application looks like. Very few help you learn the skills you need to write one. The Toolkit fills this gap with detailed advice on creating and testing applications that are readable, understandable and convincing.

The prevalence of data science has grown exponentially in recent years. Increases in data exchange have created the need for standards and formats on handling data

from different sources. Developing Metadata Applications Profiles is an innovative reference source that discusses the latest trends and techniques for effectively managing and exchanging metadata. Including a range of perspectives on schemas and application profiles, such as interoperability, ontology-based design, and model-driven approaches, this book is ideally designed for researchers, academics, professionals, graduate students, and practitioners actively engaged in data science.

Inspiring Conversations with Women Professors: The Many Routes to Career Success provides stories behind the many paths to professorship taken by these featured women. It includes information on their diverse life stories and how they navigated the beginning, middle stages, and other parts of their careers, including unexpected paths, support and how they got hooked by science/their field. In addition, they discuss why they chose this career, the obstacles they encountered, and how they found a way forward. Each interview encapsulates the advice and practical solutions they give. Features interviews with a diverse group of females in faculty and leadership positions, and from a broad

range of STEM disciplines Includes coverage of the tenure-track process, integration into the academic community, challenges at leadership level, and advantages of corporate governance Focuses on strong, actionable solutions for overcoming career obstacles

This book analyses and discusses the recent developments for assessing research quality in the humanities and related fields in the social sciences. Research assessments in the humanities are highly controversial and the evaluation of humanities research is delicate. While citation-based research performance indicators are widely used in the natural and life sciences, quantitative measures for research performance meet strong opposition in the humanities. This volume combines the presentation of state-of-the-art projects on research assessments in the humanities by humanities scholars themselves with a description of the evaluation of humanities research in practice presented by research funders. Bibliometric issues concerning humanities research complete the exhaustive analysis of humanities research assessment. The selection of authors is well-

l-balanced between humanities scholars, research funders, and researchers on higher education. Hence, the edited volume succeeds in painting a comprehensive picture of research evaluation in the humanities. This book is valuable to university and science policy makers, university administrators, research evaluators, bibliometricians as well as humanities scholars who seek expert knowledge in research evaluation in the humanities.

How can empathy and persuasiveness help us become better professionals and address society's big issues? You can find the answers in this guide to solving problems based on stories from scientists and company founders. You can pre-order the book here: https://dgo.formstack.com/forms/preorderform_empathic_entrepreneurial_engineering

This Handbook offers an overview of the thriving and diverse field of anthropological studies of technology. It features 39 original chapters, each reviewing the state of the art of current research and enlivening the field of study through ethnographic analysis of human-technology interfaces, forms of social organisation, technological

practices and/or systems of belief and meaning in different parts of the world. The Handbook is organised around some of the most important characteristics of anthropological studies of technology today: the diverse knowledge practices that technologies involve and on which they depend; the communities, collectives, and categories that emerge around technologies; anthropology's contribution to proliferating debates on ethics, values, and morality in relation to technology; and infrastructures that highlight how all technologies are embedded in broader political economies and socio-historical processes that shape and often reinforce inequality and discrimination while also generating diversity. All chapters share a commitment to human experiences, embodiments, practices, and materialities in the daily lives of those people and institutions involved in the development, manufacturing, deployment, and/or use of particular technologies.

"How to write effective EU Proposals" is a practical guide on getting funding for Horizon 2020. The book shows you how to: Develop ideas and find opportunities for funding within the Horizon 2020 programme.

Start networking and make yourself a natural partner for a proposal. Use successful partner search strategies and tactics. Manage your way to EU funding, weed out bad proposals and join successful networks. Apply a step by step approach to increase your chances of funding by guiding you through the often neglected areas of proposal positioning through excellence and urgency and writing for impact. Evaluate and improve your proposal before submission. The book describes these steps beyond the technical requirements and focuses on the lesser known - but essential - social and procedural factors for obtaining funding for your Horizon 2020 project. See <http://horizonbook.eu> for additional resources.

Investigators, their home institutions, and funding agencies play significant roles in the development and outcomes of scientific projects. Submitting a proposal to a funding agency is only one dimension of a multivariable and complex funding process, and understanding this is a good first step toward unlocking the puzzle behind why some research proposals receive awards while others are declined. The

Handbook of Scientific Proposal Writing offers researchers and research administrators a broad perspective on the process of initiating and conducting funded scientific research projects. Written for students and researchers in all fields and disciplines, this reference offers a holistic approach to conceiving and then converting new ideas into effective proposals. It focuses on the technical aspects of writing proposals rather than the fund-raising issues. Chapters provide full coverage of the scientific method, including information on how scientific research should be conducted. Providing the tools necessary to organize ideas and obtain the funds needed to effectively manage projects, the Handbook of Scientific Proposal Writing includes: 56 figures and 25 tables to help convey key ideas More than 150 citations that provide pointers to additional sources for further reading Examples to help the reader ease through more abstract concepts End-of-chapter questions to stimulate further examination and comprehension Dreaming of a successful future in science? This practical guide for students, postdocs and professors offers a unique step-by-step approach to help you get the

funding to start or consolidate your own research career. From preparing and writing effective career grant applications, to understanding how funding agencies will evaluate them, it provides guidance to enhance your skills and combine them with those of others who can support you on the road to success. Learn how to generate great original ideas for your application, strategically prepare and optimise your plan and résumé, develop a convincing title and abstract, convert reviewers' comments to your advantage, and succeed at a selection interview. With numerous valuable tips, real-life stories and novel practical exercises, this must-read guide provides everything you need to optimise your funding opportunities and take responsibility for your own career in science. Navigating research careers is often highly challenging for early career researchers (ECRs) in the social sciences. The ability to thrive in research careers is complex and requires "soft" people and management skills and resilience that often cannot be formally taught through university coursework. Written from a peer perspective, this book provides guidance and establishes emotional rapport on topical issues rele-

vant for ECRs in academia and industry. The authors are ECRs who have been successful in navigating their careers, and they seek to connect with readers in a supportive and collegial manner. Each chapter includes elements of story-telling and scientific thinking and is organized into three parts: (1) a personal story that is relevant to the topic; (2) key content on professional and personal effectiveness based on evidence in the psychological, sociological, and/or management sciences; and (3) action points and practical recommendations. The topics covered are specifically curated for people considering undertaking research careers or already working in research, including: Work Hard, Snore Hard: Recovery from Work for Early Career Researchers Networking and Collaborating in Academia: Increasing Your Scientific Impact and Having Fun in the Process Accelerating Your Research Career with Open Science Engaging with the Press and Media Make Your Science Go Viral: How to Maximize the Impact of Your Research Exploring the Horizon: Navigating Research Careers Outside of Academia Thinking like an Implementation Scientist and Applying Your Research in Practice Survival Guide

for Early Career Researchers summarizes relevant evidence-based research to offer advice in strategic but also supportive ways to ECRs. It is an essential go-to practical resource for PhD students, postdoctoral fellows, and junior faculty. This book will also benefit senior researchers who are serving as mentors or delivering professional development programs, administrators and educators in institutions of higher learning, and anyone with an interest in building a successful research career.

Since the European Research Area was launched at the beginning of the century, significant efforts have been made to realise the vision of a coherent space for science and research in Europe. But how does one define such a space and measure its development? This timely book analyses the dynamics of change in the policy and governance of science and research within Europe over the past decade. It widens the scope of traditional policy analysis by focusing attention on the interaction between policy rationales, new governance mechanisms, and the organisational dynamics of the scientific field. The contributors build a novel analytical framework to understand the European research

space as one shifting from a fragmented space of “Science in Europe” to one that is labeled “European Science”. The chapters explore the dynamics of this shift through the lenses of political science, organisation theory, science policy and related analytical traditions. *Towards European Science* is an interdisciplinary book which will attract a wide set of scholars and professionals interested in science policy, governance and scientific practice. It will also be of use to university leaders and managers, as well as policy-makers and practitioners working on issues of internationalisation and the Europeanisation of science.

Founded in 2007 to fund basic research, the European Research Council (ERC) has become the most revered instrument in European science policy and one of the world’s most important focal points for the funding of scientific research. Its grants are much sought-after by researchers and scholars and it is widely considered to have had a major impact on research communities and institutions across Europe. How did this remarkable organization, the creation of which was widely regarded as a ‘miracle’, come into being, what has it

achieved and how is it likely to adapt in the face of current and future challenges? This book is the first comprehensive history of the creation and development of the ERC. Drawing on first-hand knowledge, Thomas König gives a detailed account of how a group of strong-minded European scientists succeeded in creating the ERC by pushing for a single goal: more money for scientific research with fewer strings attached. But he also shows how this campaign would have failed had it not been taken up by skilful officials of the European Commission, who recognized the ERC as a way to gain more influence in shaping European science policy. Once established, the ERC developed a carefully crafted self-image that emphasized its reliance on peer review and its differences from all other EU research programmes. In addition to analysing the creation and development of the ERC, this book critically examines its achievements and its claims. It also explores the implications of the rise of the ERC and the challenges and threats that it faces today, engaging with broader questions concerning the relationship of politics, science, and money at the beginning of the 21st century. It will be essential

reading for all scholars and students of science policy, for decision-makers and administrators across Europe, and for researchers and academics looking to engage with and understand the ERC.

Research in Medical and Biological Sciences covers the wide range of topics that a researcher must be familiar with in order to become a successful biomedical scientist. Perfect for aspiring as well as practicing professionals in the medical and biological sciences, this publication discusses a broad range of topics that are common yet not traditionally considered part of formal curricula, including philosophy of science, ethics, statistics, and grant applications. The information presented in this book also facilitates communication across conventional disciplinary boundaries, in line with the increasingly multidisciplinary nature of modern research projects. Covers the breadth of topics that a researcher must understand in order to be a successful experimental scientist Provides a broad scientific perspective that is perfect for students with various professional backgrounds Contains easily accessible, concise material about diverse methods Includes extensive online resources such as

further reading suggestions, data files, statistical tables, and the StaTable application package Emphasizes the ethics and statistics of medical and biological sciences

This volume examines the criteria of excellence producing inequalities of gender in the daily working environment and evaluation of academics. Policymakers have increasingly placed emphasis on gender equality as part of a strategy for achieving research excellence, and efforts to reduce gender bias have become mainstream. This book suggests that this goal has remained elusive in practice due to continuing under-representation of women across many academic and scientific fields. Questioning the old structures of male dominance still prevalent in national research policy, the book explores the effects of institutional values and practices on the careers of academics, particularly the academic identities of women and their career developments. It focuses on case studies drawn from Europe while also highlighting the rise of new forms of public management and a neoliberal framing of the value of academic work, that have a much broader global reach. Using participatory re-

search, the book analyses contemporary forms of "gendered excellence" in an intersectional and international perspective. It will be of interest to junior/senior researchers, teachers, and scholars in sociology, education, gender studies, history, political science and science and technology studies.

The ultimate goal of program verification is not the theory behind the tools or the tools themselves, but the application of the theory and tools in the software engineering process. Our society relies on the correctness of a vast and growing amount of software. Improving the software engineering process is an important, long-term goal with many steps. Two of those steps are the KeY tool and this KeY book.

Available Open Access under CC-BY-NC licence. In a world dominated by austerity politics and policies, *Advising in austerity* provides a lively and thought-provoking account of the conditions, consequences and challenges of advice work in the UK, presenting a rare and rich view of the world of advice giving. Based on original research it examines how advisors negotiate the private troubles of those who come to Cit-

izens Advice Bureaux (CAB) and construct ways forward. Exploring how advisors are trained, the strong contributor team reflect on the challenges facing Citizens Advice Bureaux in the future, where austerity will ensure that the need for advice services increase, while funding for such services declines.

This book analyses and describes the effects of the reforms of the European science systems on research. Taking the multilevel governance of the science system into account, the authors describe the effects of the reforms on different aspects: research collaborations and research lines, PhD education, performance profiles, research funding and legal aspects. The first part of the book deals with “PhD education” from an economic perspective. How successful are Research Training Groups and is heterogeneity really a factor of success? What kind of PhD education leads to success? The second part focuses on the interactions of governance and research. How do changes at the national and organisational level influence research cooperation, research lines and research performance? The third part reflects the Europeanisation and Internationalisation of re-

search and research funding. To what extent are research collaborations becoming international? How is the role of European funding agencies changing?

Today, the European Union is facing a crisis as serious as anything it has experienced since its origins more than half a century ago. What makes this so serious is that it is not a single crisis but rather multiple crises – the euro crisis, the migration/refugee crisis, Brexit, etc. – that overlap and reinforce one another, creating a cumulative array of challenges that threatens the very survival of the EU. For the first time in its history, there is a real risk that the EU could break up. This volume brings together sociologists, economists and political scientists from around Europe to shed light on how the EU got into this predicament. It argues that the multiple crises that have plagued the European Union in the last decade stem to a large extent from flaws in its construction and that these flaws are consequences of the political processes that led to the formation of the EU – in other words, the decisions that made possible the development of the EU created the conditions for the multiple crises it experiences today. This timely and

wide-ranging book on one of the most important issues of our time will be of great interest to students and scholars in the social sciences, to politicians and policy-makers and to anyone concerned with Europe and its future.

A practical guide to optimising funding opportunities for establishing or consolidating a successful research career in science.

This volume explores how digitalization--in different forms--affects the welfare state. Digitalization is likely to have a lasting impact on work, welfare, and the distribution of income. It will radically transform not only social risks in health, education and the labour market, but also the means by which these risks are addressed. The volume studies how digitalization affects policies as well as the underlying power relationship between actors, i.e. the politics of the welfare state. The volume brings together internationally renowned welfare-state scholars to identify - the socio-economic challenges that result from rapid technological change; - the ensuing political conflicts and struggles in the domain of welfare state reform broadly defined; -

how these changes challenge and shape existing labour market and welfare state arrangements. Overall, the volume explains the potential and real political and policy responses to these challenges, grasps the contours of future developments, and reflects on whether the current wave of technological change might promote the emergence of a new paradigm of welfare state policy-making. The rapid and accelerating pace of technological change has potentially radical ramifications for the welfare state that demand an engagement with possible future scenarios. The authors therefore adopt a forward-looking perspective. Based on this approach, the volume uniquely offers a theoretically informed empirical basis for social science and public debates about the long-term implications of the digital revolution for the welfare state, covering a broad range of policy areas such as education, pensions, labour market policies, tax policy, and health care.

Aimed at recently qualified psychiatrists or those looking to qualify soon, *How to Succeed in Psychiatry* is not a source of clinical information but a survival guide to help you through the first years practising

psychiatry. This book covers the topics you won't find in standard textbooks. It deals with daily problems and practical solutions for young psychiatrists. Psychiatric training is less team based than other specialties, so there is less opportunity for learning from colleagues than one would expect: this book helps to fill that gap. The book opens with an overview of psychiatry training, describing the similarities and differences among various countries. Subsequent chapters address the opportunities for research and how to publish the results. Psychotherapy and community psychiatry each merit their own chapter on training. Next, the book guides you through the transition phase into a job, discussing opportunities in both the public and private sectors and considering how to choose the best career for you. It reviews important general considerations, such as ethics, professionalism, leadership and management, how to avoid stress and burn out, and how to liaise with other specialties. The book closes with an account of the role of psychiatry associations and continuing professional development. Written by early career psychiatrists from around the world, this book provides in-

valuable first-hand experience to all those wishing to embark on a career in this exciting discipline. Practical tips for young psychiatrists starting their careers on the wards or in private practice Advice on the transition phase at the end of training, career choice and job opportunities

Over the past 50 years, thousands of satellites have been sent into space on missions to collect data about the Earth. Today, the ability to forecast weather, climate, and natural hazards depends critically on these satellite-based observations. At the request of the National Aeronautics and Space Administration, the National Research Council convened a committee to examine the scientific accomplishments that have resulted from space-based observations. This book describes how the ability to view the entire globe at once, uniquely available from satellite observations, has revolutionized Earth studies and ushered in a new era of multidisciplinary Earth sciences. In particular, the ability to gather satellite images frequently enough to create "movies" of the changing planet is improving the understanding of Earth's dynamic processes and helping society to manage limited resources and environmen-

tal challenges. The book concludes that continued Earth observations from space will be required to address scientific and societal challenges of the future.

Legal academics in Europe publish a wide variety of materials including books, articles and essays, in an assortment of languages, and for a diverse readership. As a consequence, this variety can pose a problem for the evaluation of academic legal research. This thought-provoking book offers an overview of the legal and policy norms, methods and criteria applied in the evaluation of academic legal research, from a comparative perspective.

This ground-breaking volume is a follow-up to *Intellectuals and Their Publics*. In contrast to the earlier book, which was mainly concerned with the activity of intellectuals and how it relates to the public, this volume analyses what happens when sociology and sociologists engage with or serve various publics. More specifically, this problem will be studied from the following three angles: How does one become a public sociologist and prominent intellectual in the first place? (Part I) How complex and complicated are the stories of institu-

tions and professional associations when they take on a public role or tackle a major social or political problem? (Part II) How can one investigate the relationship between individual sociologists and intellectuals and their various publics? (Part III) This book will be of interest to academics and students working in the fields of the sociology of knowledge and ideas, the history of social sciences, intellectual history, cultural sociology, and cultural studies.

Winner of the Harald Kaufmann Prize for Senior Researchers, 2018 This book examines the question of whether the process of European integration in research funding has led to new forms of oligarchization and elite formation in the European Research Area. Based on a study of the European Research Council (ERC), the author investigates profound structural change in the social organization of science, as the ERC intervenes in public science systems that, until now, have largely been organized at the national level. Against the background of an emerging new science policy, Europe's New Scientific Elite explores the social mechanisms that generate, reproduce and modify existing dynamics of stratification and oligarchization in

science, shedding light on the strong normative impact of the ERC's funding on problem-choice in science, the cultural legitimacy and future vision of science, and the building of new research councils of national, European and global scope. A comparative, theory-driven investigation of European research funding, this book will appeal to social scientists with interests in the sociology of knowledge.

Martha Albertson Fineman's earlier work developed a theory of inevitable and derivative dependencies as a way of problematizing the core assumptions underlying the 'autonomous' subject of liberal law and politics in the context of US equality discourse. Her 'vulnerability thesis' represents the evolution of that earlier work and situates human vulnerability as a critical heuristic for exploring alternative legal and political foundations. This book draws together major British and American scholars who present different perspectives on the concept of vulnerability and Fineman's 'vulnerability thesis'. The contributors include scholars who have thought about vulnerability in different ways and contexts prior to encountering Fineman's work, as well as those for whom Fineman's work

provided an introduction to thinking through a vulnerability lens. This collection demonstrates the broad and intellectually exciting potential of vulnerability as a theoretical foundation for legal and political engagements with a range of urgent contemporary challenges. Exploring ways in which vulnerability might provide a new ethical foundation for law and politics, the book will be of interest to the general reader, as well as academics and students in fields such as jurisprudence, philosophy, legal theory, political theory, feminist theory,

and ethics.

Since 1992 the Department of Defense (DOD), through the U.S. Army Medical Research and Materiel Command, has received congressionally earmarked appropriations for programs of biomedical research on prostate, breast, and ovarian cancer; neurofibromatosis; tuberous sclerosis; and other health problems. Appropriations for these Congressionally Directed Medical Research Programs are used to support peer reviewed extramural research project, training, and infrastructure grants. Congress has become concerned

about funding increases for these programs given current demands on the military budget. At the request of Congress, the Institute of Medicine (IOM) examined possibilities of augmenting program funding from alternative sources. The resulting IOM book, *Strategies to Leverage Research Funding: Guiding DOD's Peer Reviewed Medical Research Programs*, focuses on nonfederal and private sector contributions that could extend the appropriated funds without biasing the peer review project selection process.