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### NGAV19 - SINGLETON PHELPS

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Full Coverage of All Exam Objectives for the CEH Exams 312-50 and EC0-350 Thoroughly prepare for the challenging CEH Certified Ethical Hackers exam with this comprehensive study guide. The book provides full coverage of exam topics, real-world examples, and includes a CD with chapter review questions, two full-length practice exams, electronic flashcards, a glossary of key terms, and the entire book in a searchable pdf e-book. What's Inside: Covers ethics and legal issues, footprinting, scanning, enumeration, system hacking, trojans and backdoors, sniffers, denial of service, social engineering, session hijacking, hacking Web servers, Web application vulnerabilities, and more Walks you through exam topics and includes plenty of real-world scenarios to help reinforce concepts Includes a CD with an assessment test, review questions, practice exams, electronic flashcards, and the entire book in a searchable pdf

The Roman empire remains unique. Although Rome claimed to rule the world, it did not. Rather, its uniqueness stems from the culture it created and the loyalty it inspired across an area that stretched from the Tyne to the Euphrates. Moreover, the empire created this culture with a bureaucracy smaller than that of a typical late-twentieth-century research university. In approaching this problem, Clifford Ando does not ask the ever-fashionable question, Why did the Roman empire fall? Rather, he asks, Why did the empire last so long? Imperial Ideology and Provincial Loyalty in the Roman Empire argues that the longevity of the empire rested not on Roman military power but on a gradually realized consensus that Roman rule was justified. This consensus was itself the product of a complex conversation between the central government and its far-flung peripheries. Ando investigates the mechanisms that sustained this conversation, explores its contribution to the legitimation of Roman power, and reveals as its product the provincial absorption of the forms and content of Roman political and legal discourse. Throughout, his sophisticated and subtle reading is informed by current thinking on social formation by theorists such as Max Weber, Jürgen Habermas, and Pierre Bourdieu.

INTERNATIONAL BESTSELLER A powerful and persuasive discussion about economics, freedom, and the relationship between the two, from today's brightest economist. In this classic discussion, Milton and Rose Friedman explain how our freedom has been eroded and our affluence undermined through the explosion of laws, regulations, agencies, and spending in Washington. This important

analysis reveals what has gone wrong in America in the past and what is necessary for our economic health to flourish.

In this ambitious successor to *The Great Derangement*, acclaimed writer Amitav Ghosh finds the origins of our contemporary climate crisis in Western colonialism's violent exploitation of human life and the natural environment. A powerful work of history, essay, testimony, and polemic, Amitav Ghosh's new book traces our contemporary planetary crisis back to the discovery of the New World and the sea route to the Indian Ocean. *The Nutmeg's Curse* argues that the dynamics of climate change today are rooted in a centuries-old geopolitical order constructed by Western colonialism. At the center of Ghosh's narrative is the now-ubiquitous spice nutmeg. The history of the nutmeg is one of conquest and exploitation—of both human life and the natural environment. In Ghosh's hands, the story of the nutmeg becomes a parable for our environmental crisis, revealing the ways human history has always been entangled with earthly materials such as spices, tea, sugarcane, opium, and fossil fuels. Our crisis, he shows, is ultimately the result of a mechanistic view of the earth, where nature exists only as a resource for humans to use for our own ends, rather than a force of its own, full of agency and meaning. Writing against the backdrop of the global pandemic and the Black Lives Matter protests, Ghosh frames these historical stories in a way that connects our shared colonial histories with the deep inequality we see around us today. By interweaving discussions on everything from the global history of the oil trade to the migrant crisis and the animist spirituality of Indigenous communities around the world, *The Nutmeg's Curse* offers a sharp critique of Western society and speaks to the profoundly remarkable ways in which human history is shaped by non-human forces.

Geared to entry-level craft workers, *Your Role in the Green Environment* provides pertinent information concerning the Green environment, construction practices, and building rating systems. The Instructor's Guide includes 'Green' building laboratory exercises in carpentry, electrical, plumbing, and HVAC. The culminating project is a two bedroom home, with kitchen, bathroom, laundry room, and open space. Materials lists, construction methods, and a framing plan are included.

In the years following the Civil War, a veritable army of homeless men swept across America's "wageworkers' frontier" and forged a beguiling and bedeviling counterculture known as "hobohemia." Celebrating unfettered masculinity and jealously guarding the American road as the preserve of white manhood, hoboes took command of downtown districts and swaggered onto center stage of

the new urban culture. Less obviously, perhaps, they also staked their own claims on the American polity, claims that would in fact transform the very entitlements of American citizenship. In this eye-opening work of American history, Todd DePastino tells the epic story of hobohemia's rise and fall, and crafts a stunning new interpretation of the "American century" in the process. Drawing on sources ranging from diaries, letters, and police reports to movies and memoirs, *Citizen Hobo* breathes life into the largely forgotten world of the road, but it also, crucially, shows how the hobo army so haunted the American body politic that it prompted the creation of an entirely new social order and political economy. DePastino shows how hoboes—with their reputation as dangers to civilization, sexual savages, and professional idlers—became a cultural and political force, influencing the creation of welfare state measures, the promotion of mass consumption, and the suburbanization of America. *Citizen Hobo's* sweeping retelling of American nationhood in light of enduring struggles over "home" does more than chart the change from "homelessness" to "houselessness." In its breadth and scope, the book offers nothing less than an essential new context for thinking about Americans' struggles against inequality and alienation.

*Dreamscapes of Modernity* introduces and develops the concept of sociotechnical imaginaries, demonstrating how it helps explain the divergent ways in which states and societies conceptualize futures achievable through and supportive of advances in science and technology. The book's case studies which range over health security, Apartheid, rice biotechnology, Indonesian activism, and more illustrate how different imaginations of social life and order are created in concert with imaginations of the goals, priorities, benefits, and risks of science and technology at scales ranging from national to global. The concept of sociotechnical imaginaries adds to the theoretical repertoire of the social sciences, and in so doing extends work dealing with collective beliefs about social order that until now has not been adequately attentive to the central role of science and technology in shaping human possibilities. Through their varied disciplinary training and their willingness to join a common conversation, the contributors to this volume reveal the concept's reach from science and technology studies to neighboring fields such as anthropology, history, history of science and technology, law, sociology, and public policy.

*The Chicago Guide to College Science Teaching* University of Chicago Press Higher education is a strange beast. Teaching is a critical skill for scientists in academia, yet one that is barely touched upon in their professional training—despite being a substantial part of their career. This book is a practical guide for anyone teaching STEM-related academic disciplines at the college level, from graduate students teaching lab sections and newly appointed faculty to well-seasoned professors in want of fresh ideas. Terry McGlynn's straightforward, no-nonsense approach avoids off-putting pedagogical jargon and enables instructors to become true ambassadors for science. For years, McGlynn has been addressing the need for practical and accessible advice for college science teachers through his popular blog *Small Pond Science*. Now he has gathered this advice as an easy read—one that can be ingested and put to use on short deadline. Readers will learn about topics ranging from creating a syllabus and developing grading rubrics to mastering learning management systems and ensuring safety during lab and fieldwork. The book also offers advice on cultivating productive relationships with students, teaching assistants, and colleagues. *The Roles of Immigrants and Foreign Students in US Science, Innovation, and Entrepreneurship* University of Chicago Press The number of immigrants

in the US science, technology, engineering, and mathematics (STEM) workforce and among recipients of advanced STEM degrees at US universities has increased in recent decades. In light of the current public debate about immigration, there is a need for evidence on the economic impacts of immigrants on the STEM workforce and on innovation. Using new data and state-of-the-art empirical methods, this volume examines various aspects of the relationships between immigration, innovation, and entrepreneurship, including the effects of changes in the number of immigrants and their skill composition on the rate of innovation; the relationship between high-skilled immigration and entrepreneurship; and the differences between immigrant and native entrepreneurs. It presents new evidence on the postgraduation migration patterns of STEM doctoral recipients, in particular the likelihood these graduates will return to their home country. This volume also examines the role of the US higher education system and of US visa policy in attracting foreign students for graduate study and retaining them after graduation. *Think Tanks in America* University of Chicago Press Over the past half-century, think tanks have become fixtures of American politics, supplying advice to presidents and policy makers, expert testimony on Capitol Hill, and convenient facts and figures to journalists and media specialists. But what are think tanks? Who funds them? What kind of "research" do they produce? Where does their authority come from? And how influential have they become? In *Think Tanks in America*, Thomas Medvetz argues that the unsettling ambiguity of the think tank is less an accidental feature of its existence than the very key to its impact. By combining elements of more established sources of public knowledge—universities, government agencies, businesses, and the media—think tanks exert a tremendous amount of influence on the way citizens and lawmakers perceive the world, unbound by the more clearly defined roles of those other institutions. In the process, they transform the government of this country, the press, and the political role of intellectuals. Timely, succinct, and instructive, this provocative book will force us to rethink our understanding of the drivers of political debate in the United States. *Beyond Ideology* University of Chicago Press The congressional agenda, Frances Lee contends, includes many issues about which liberals and conservatives generally agree. Even over these matters, though, Democratic and Republican senators tend to fight with each other. What explains this discord? *Beyond Ideology* argues that many partisan battles are rooted in competition for power rather than disagreement over the rightful role of government. The first book to systematically distinguish Senate disputes centering on ideological questions from the large proportion of them that do not, this volume foregrounds the role of power struggle in partisan conflict. Presidential leadership, for example, inherently polarizes legislators who can influence public opinion of the president and his party by how they handle his agenda. Senators also exploit good government measures and floor debate to embarrass opponents and burnish their own party's image—even when the issues involved are broadly supported or low-stakes. Moreover, Lee contends, the congressional agenda itself amplifies conflict by increasingly focusing on issues that reliably differentiate the parties. With the new president pledging to stem the tide of partisan polarization, *Beyond Ideology* provides a timely taxonomy of exactly what stands in his way. *CITES and Cycads* Royal Botanic Gardens Kew "This user's guide covers the highly threatened cycad family and how it is regulated by the Convention on International Trade in Endangered Species (CITES). The text is written for the non-expert and the guide explores the major groups of cycads in trade, their distribution, conservation status, use and levels of trade as well as the likelihood of illegal trade. Ex-

emptions from CITES regulations are also outlined, together with suggestions to aid enforcement. The guide includes a fully illustrated PowerPoint training presentation and a checklist of cycad species, their distribution and synonymy."--P. [4] of cover.

**Trade Finance** United Nations This study introduces the basics of financing and security mechanisms in international trade and describes the methods of maximizing the benefits and neutralizing the risks involved. It examines issues such as the law and practice of international payments, financing and re-financing of mid and long term receivables, and securing the repayment of credits. It also discusses dispute resolution, international institutions related to trade finance and various model contractual provisions. A glossary is included.

**Citizen Hobo** University of Chicago Press In the years following the Civil War, a veritable army of homeless men swept across America's "wageworkers' frontier" and forged a beguiling and bedeviling counterculture known as "hobohemia." Celebrating unfettered masculinity and jealously guarding the American road as the preserve of white manhood, hoboes took command of downtown districts and swaggered onto center stage of the new urban culture. Less obviously, perhaps, they also staked their own claims on the American polity, claims that would in fact transform the very entitlements of American citizenship. In this eye-opening work of American history, Todd DePastino tells the epic story of hobohemia's rise and fall, and crafts a stunning new interpretation of the "American century" in the process. Drawing on sources ranging from diaries, letters, and police reports to movies and memoirs, Citizen Hobo breathes life into the largely forgotten world of the road, but it also, crucially, shows how the hobo army so haunted the American body politic that it prompted the creation of an entirely new social order and political economy. DePastino shows how hoboes—with their reputation as dangers to civilization, sexual savages, and professional idlers—became a cultural and political force, influencing the creation of welfare state measures, the promotion of mass consumption, and the suburbanization of America. Citizen Hobo's sweeping retelling of American nationhood in light of enduring struggles over "home" does more than chart the change from "homelessness" to "houselessness." In its breadth and scope, the book offers nothing less than an essential new context for thinking about Americans' struggles against inequality and alienation.

**Redefining Geek** University of Chicago Press A surprising and deeply researched look at how everyone can develop tech fluency by focusing on five easily developed learning habits. Picture a typical computer geek. Likely white, male, and someone you'd say has a "natural instinct" for technology. Yet, after six years teaching technology classes to first-generation, low-income middle school students in Oakland, California, Cassidy Puckett has seen firsthand that being good with technology is not something people are born with—it's something they learn. In *Redefining Geek*, she overturns the stereotypes around the digitally savvy and identifies the habits that can help everyone cultivate their inner geek. Drawing on observations and interviews with a diverse group of students around the country, Puckett zeroes in on five technology learning habits that enable tech-savvy teens to learn new technologies: a willingness to try and fail, management of frustration and boredom, use of models, and the abilities to use design logic and identify efficiencies. In *Redefining Geek*, she shows how to measure and build these habits, and she demonstrates how many teens historically marginalized in STEM are already using these habits and would benefit from recognition for their talent, access to further learning opportunities, and support in career pathways. She argues that if we can develop, recognize, and reward these technological learning habits in all kids—especially girls and historically

marginalized racial and ethnic groups—we can address many educational inequities and disparities in STEM. Revealing how being good with technology is not about natural ability but habit and persistence, *Redefining Geek* speaks to the ongoing conversation on equity in technology education and argues for a more inclusive technology learning experience for all students.

**Technology** University of Chicago Press In modern life, technology is everywhere. Yet as a concept, technology is a mess. In popular discourse, technology is little more than the latest digital innovations. Scholars do little better, offering up competing definitions that include everything from steelmaking to singing. In *Technology: Critical History of a Concept*, Eric Schatzberg explains why technology is so difficult to define by examining its three thousand year history, one shaped by persistent tensions between scholars and technical practitioners. Since the time of the ancient Greeks, scholars have tended to hold technicians in low esteem, defining technical practices as mere means toward ends defined by others. Technicians, in contrast, have repeatedly pushed back against this characterization, insisting on the dignity, creativity, and cultural worth of their work. The tension between scholars and technicians continued from Aristotle through Francis Bacon and into the nineteenth century. It was only in the twentieth century that modern meanings of technology arose: technology as the industrial arts, technology as applied science, and technology as technique. Schatzberg traces these three meanings to the present day, when discourse about technology has become pervasive, but confusion among the three principal meanings of technology remains common. He shows that only through a humanistic concept of technology can we understand the complex human choices embedded in our modern world.

**Stories of Capitalism** University of Chicago Press The financial crisis and the recession that followed caught many people off guard, including experts in the financial sector whose jobs involve predicting market fluctuations. Financial analysis offices in most international banks are supposed to forecast the rise or fall of stock prices, the success or failure of investment products, and even the growth or decline of entire national economies. And yet their predictions are heavily disputed. How do they make their forecasts—and do those forecasts have any actual value? Building on recent developments in the social studies of finance, *Stories of Capitalism* provides the first ethnography of financial analysis. Drawing on two years of fieldwork in a Swiss bank, Stefan Leins argues that financial analysts construct stories of possible economic futures, presenting them as coherent and grounded in expert research and analysis. In so doing, they establish a role for themselves—not necessarily by laying bare empirically verifiable trends but rather by presenting the market as something that makes sense and is worth investing in. *Stories of Capitalism* is a nuanced look at how banks continue to boost investment—even in unstable markets—and a rare insider's look into the often opaque financial practices that shape the global economy.

**The Great Image Has No Form, Or On the Nonobject Through Painting** University of Chicago Press In premodern China, painters used imagery not to mirror the world, but to evoke unfathomable experience. Considering this art alongside the philosophical traditions that inform it, this book explores the 'nonobject', a notion exemplified by paintings that do not seek to represent observable surroundings.

**Plant Evolution** University of Chicago Press Although plants comprise more than 90% of all visible life, and land plants and algae collectively make up the most morphologically, physiologically, and ecologically diverse group of organisms on earth, books on evolution instead tend to focus on animals. This organismal bias has led to an incomplete and often erroneous understanding of evolutionary theory. Because plants grow and repro-

duce differently than animals, they have evolved differently, and generally accepted evolutionary views—as, for example, the standard models of speciation—often fail to hold when applied to them. Tapping such wide-ranging topics as genetics, gene regulatory networks, phenotype mapping, and multicellularity, as well as paleobotany, Karl J. Niklas’s *Plant Evolution* offers fresh insight into these differences. Following up on his landmark book *The Evolutionary Biology of Plants*—in which he drew on cutting-edge computer simulations that used plants as models to illuminate key evolutionary theories—Niklas incorporates data from more than a decade of new research in the flourishing field of molecular biology, conveying not only why the study of evolution is so important, but also why the study of plants is essential to our understanding of evolutionary processes. Niklas shows us that investigating the intricacies of plant development, the diversification of early vascular land plants, and larger patterns in plant evolution is not just a botanical pursuit: it is vital to our comprehension of the history of all life on this green planet.

*Dreamscapes of Modernity* University of Chicago Press—*Dreamscapes of Modernity* introduces and develops the concept of sociotechnical imaginaries, demonstrating how it helps explain the divergent ways in which states and societies conceptualize futures achievable through and supportive of advances in science and technology. The book’s case studies—which range over health security, Apartheid, rice biotechnology, Indonesian activism, and more—illustrate how different imaginations of social life and order are created in concert with imaginations of the goals, priorities, benefits, and risks of science and technology at scales ranging from national to global. The concept of sociotechnical imaginaries adds to the theoretical repertoire of the social sciences, and in so doing extends work dealing with collective beliefs about social order that until now has not been adequately attentive to the central role of science and technology in shaping human possibilities. Through their varied disciplinary training and their willingness to join a common conversation, the contributors to this volume reveal the concept’s reach from science and technology studies to neighboring fields such as anthropology, history, history of science and technology, law, sociology, and public policy.

*The Chicago Guide to Grammar, Usage, and Punctuation* Univ of Chicago+ORMThe authoritative guide to using the English language effectively, from “the greatest writer on grammar and usage that this country has ever produced” (David Yerkes, Columbia University). The author of *The Chicago Manual of Style*’s popular “Grammar and Usage” chapter, Bryan A. Garner is renowned for explaining the vagaries of English with absolute precision and utmost clarity. With *The Chicago Guide to Grammar, Usage, and Punctuation*, he has written the definitive guide for writers who want their prose to be both memorable and correct. Garner describes standard literary English—the forms that mark writers and speakers as educated users of the language. He also offers historical context for understanding the development of these forms. The section on grammar explains how the canonical parts of speech came to be identified, while the section on syntax covers the nuances of sentence patterns as well as both traditional sentence diagramming and transformational grammar. The usage section provides an unprecedented trove of empirical evidence in the form of Google Ngrams, diagrams that illustrate the changing prevalence of specific terms over decades and even centuries of English literature. Garner also treats punctuation and word formation, and concludes the book with an exhaustive glossary of grammatical terms and a bibliography of suggested further reading and references. *The Chicago Guide to Grammar, Usage, and Punctuation* is a magisterial work, the culmination of Garner’s lifelong study of the English language. The result is

a landmark resource that will offer clear guidelines to students, writers, and editors alike. “[A manual] for those of us laboring to produce expository prose: nonfiction books, journalistic articles, memos, business letters. The conservatism of his advice pushes you to consider audience and occasion, so that you will understand when to follow convention and when you can safely break it.”—John E. McIntyre, *Baltimore Sun*

*Representative Democracy* University of Chicago PressIt is usually held that representative government is not strictly democratic, since it does not allow the people themselves to directly make decisions. But here, taking as her guide Thomas Paine’s subversive view that “Athens, by representation, would have surpassed her own democracy,” Nadia Urbinati challenges this accepted wisdom, arguing that political representation deserves to be regarded as a fully legitimate mode of democratic decision making—and not just a pragmatic second choice when direct democracy is not possible. As Urbinati shows, the idea that representation is incompatible with democracy stems from our modern concept of sovereignty, which identifies politics with a decision maker’s direct physical presence and the immediate act of the will. She goes on to contend that a democratic theory of representation can and should go beyond these identifications. Political representation, she demonstrates, is ultimately grounded in a continuum of influence and power created by political judgment, as well as the way presence through ideas and speech links society with representative institutions. Deftly integrating the ideas of such thinkers as Rousseau, Kant, Emmanuel Joseph Sieyès, Paine, and the Marquis de Condorcet with her own, Urbinati constructs a thought-provoking alternative vision of democracy.

*Powers of the Mind* University of Chicago PressIt is one thing to lament the financial pressures put on universities, quite another to face up to the poverty of resources for thinking about what universities should do when they purport to offer a liberal education. In *Powers of the Mind*, former University of Chicago dean Donald N. Levine enriches those resources by proposing fresh ways to think about liberal learning with ideas more suited to our times. He does so by defining basic values of modernity and then considering curricular principles pertinent to them. The principles he favors are powers of the mind—disciplines understood as fields of study defined not by subject matter but by their embodiment of distinct intellectual capacities. To illustrate, Levine draws on his own lifetime of teaching and educational leadership, while providing a marvelous summary of exemplary educational thinkers at the University of Chicago who continue to inspire. Out of this vital tradition, *Powers of the Mind* constructs a paradigm for liberal arts today, inclusive of all perspectives and applicable to all settings in the modern world.

*The Nutmeg’s Curse* University of Chicago PressIn this ambitious successor to *The Great Derangement*, acclaimed writer Amitav Ghosh finds the origins of our contemporary climate crisis in Western colonialism’s violent exploitation of human life and the natural environment. A powerful work of history, essay, testimony, and polemic, Amitav Ghosh’s new book traces our contemporary planetary crisis back to the discovery of the New World and the sea route to the Indian Ocean. *The Nutmeg’s Curse* argues that the dynamics of climate change today are rooted in a centuries-old geopolitical order constructed by Western colonialism. At the center of Ghosh’s narrative is the now-ubiquitous spice nutmeg. The history of the nutmeg is one of conquest and exploitation—of both human life and the natural environment. In Ghosh’s hands, the story of the nutmeg becomes a parable for our environmental crisis, revealing the ways human history has always been entangled with earthly materials such as spices, tea, sugarcane, opium, and fossil fuels. Our crisis, he shows, is ultimately the result of a mechanistic view of

the earth, where nature exists only as a resource for humans to use for our own ends, rather than a force of its own, full of agency and meaning. Writing against the backdrop of the global pandemic and the Black Lives Matter protests, Ghosh frames these historical stories in a way that connects our shared colonial histories with the deep inequality we see around us today. By interweaving discussions on everything from the global history of the oil trade to the migrant crisis and the animist spirituality of Indigenous communities around the world, *The Nutmeg's Curse* offers a sharp critique of Western society and speaks to the profoundly remarkable ways in which human history is shaped by non-human forces. *Planters, Merchants, and Slaves* University of Chicago Press "As with any enterprise involving violence and lots of money, running a plantation in early British America was a serious and brutal enterprise. Beyond resources and weapons, a plantation required a significant force of cruel and rapacious men men who, as Trevor Burnard sees it, lacked any better options for making money. In the contentious *Planters, Merchants, and Slaves*, Burnard argues that white men did not choose to develop and maintain the plantation system out of virulent racism or sadism, but rather out of economic logic because to speak bluntly it worked. These economically successful and ethically monstrous plantations required racial divisions to exist, but their successes were always measured in gold, rather than skin or blood. Burnard argues that the best example of plantations functioning as intended is not those found in the fractious and poor North American colonies, but those in their booming and integrated commercial hub, Jamaica. Sure to be controversial, this book is a major intervention in the scholarship on slavery, economic development, and political power in early British America, mounting a powerful and original argument that boldly challenges historical orthodoxy."--*Reasons of Conscience* University of Chicago Press The implicit questions that inevitably underlie German bioethics are the same ones that have pervaded all of German public life for decades: How could the Holocaust have happened? And how can Germans make sure that it will never happen again? In *Reasons of Conscience*, Stefan Sperling considers the bioethical debates surrounding embryonic stem cell research in Germany at the turn of the twenty-first century, highlighting how the country's ongoing struggle to come to terms with its past informs the decisions it makes today. Sperling brings the reader unmatched access to the offices of the German parliament to convey the role that morality and ethics play in contemporary Germany. He describes the separate and interactive workings of the two bodies assigned to shape German bioethics—the parliamentary Enquiry Commission on Law and Ethics in Modern Medicine and the executive branch's National Ethics Council—tracing each institution's genesis, projected image, and operations, and revealing that the content of bioethics cannot be separated from the workings of these institutions. Sperling then focuses his discussion around three core categories—transparency, conscience, and Germany itself—arguing that without fully considering these, we fail to understand German bioethics. He concludes with an assessment of German legislators and regulators' attempts to incorporate criteria of ethical research into the German Stem Cell Law. *Racial Resentment in the Political Mind* University of Chicago Press "The recent United States presidential election as well as the responses to the protests about the death of Blacks at the hands of the police has brought forward the question of racism among white voters. In *Racial Resentment in the Political Mind*, Darren Davis and David Wilson explore the idea that racial resentment, rather than simply racial prejudice, is the basis for growing resistance among whites to efforts to improve the circumstances faced by minorities in the United States. The

authors start with the idea that there is growing sentiment among whites that they are "losing-out" and "being cut in line" by Blacks and other minorities, as reflected in an emphasis on diversity and inclusion, multiculturalism, trigger warnings, and political correctness, an increase in African Americans occupying powerful and prestigious positions, and the election of Barack Obama as the first Black president. The culprits, as they see it, are undeserving Blacks, as well as other minorities, who are perceived to benefit unfairly from, and take advantage of, resources that come at whites' expense. This rewarding of unearned resources challenges the status quo and the "rules of the game," especially as they relate to justice and deservingness. These reactions may not stem from racial prejudice or hatred toward Blacks; instead, they may result from threats to whites' sense of justice, entitlement, and status. This sentiment is occurring among everyday citizens who do not subscribe to hate-filled racial or nationalistic ideologies but rather seek to treat everyone respectfully and equally, even those who are different, and understand that rejecting others because of racial prejudice is offensive"--*Spartan Up!* Houghton Mifflin Harcourt A life strategy guide by the creator of the Spartan Race explains how the principles that bring about success in an extreme sports environment can help anyone achieve his or her full potential in life, business, and relationships. *A Handbook of World Trade* GMB Publishing Ltd This second edition of *A Handbook of World Trade* is a reliable reference source on the framework and mechanics of world trade. The guide examines the origins and nature of the WTO, regulatory issues and disputes in international trade, the management of foreign currencies in international trade, international trade finance and documentation, and international trade development issues. This authoritative analysis is supported by a directory of essential contacts and useful information including membership of regional trading groups, banking groups with trade finance capacity, export credit agencies, and reading lists. *World Report 2022* Seven Stories Press The best country-by-country assessment of human rights. The human rights records of more than ninety countries and territories are put into perspective in Human Rights Watch's signature yearly report. Reflecting extensive investigative work undertaken by Human Rights Watch staff, in close partnership with domestic human rights activists, the annual *World Report* is an invaluable resource for journalists, diplomats, and citizens, and is a must-read for anyone interested in the fight to protect human rights in every corner of the globe. *Cochlear Implants* The cochlear implant debate has been re-framed in this collection, ranging from the ethics of genetic engineering, experiences of implanted adult deaf signers, reflections of deaf mothers who have had their children implanted, and the effects of implants on deaf identity. *Your Role in the Green Environment* Prentice Hall Geared to entry-level craft workers, *Your Role in the Green Environment* provides pertinent information concerning the Green environment, construction practices, and building rating systems. The *Instructor's Guide* includes 'Green' building laboratory exercises in carpentry, electrical, plumbing, and HVAC. The culminating project is a two bedroom home, with kitchen, bathroom, laundry room, and open space. Materials lists, construction methods, and a framing plan are included. *The HELP Guide to Cerebral Palsy* Open Access and the Humanities Cambridge University Press If you work in a university, you are almost certain to have heard the term 'open access' in the past couple of years. You may also have heard either that it is the utopian answer to all the problems of research dissemination or perhaps that it marks the beginning of an apocalyptic new era of 'pay-to-say' publishing. In this book, Martin Paul Eve sets out the histories, contexts and controversies for open access, specifically

in the humanities. Broaching practical elements alongside economic histories, open licensing, monographs and funder policies, this book is a must-read for both those new to ideas about open-access scholarly communications and those with an already keen interest in the latest developments for the humanities. This title is also available as Open Access via Cambridge Books Online.

**The Web Application Hacker's Handbook** John Wiley & Sons This book is a practical guide to discovering and exploiting security flaws in web applications. The authors explain each category of vulnerability using real-world examples, screen shots and code extracts. The book is extremely practical in focus, and describes in detail the steps involved in detecting and exploiting each kind of security weakness found within a variety of applications such as online banking, e-commerce and other web applications. The topics covered include bypassing login mechanisms, injecting code, exploiting logic flaws and compromising other users. Because every web application is different, attacking them entails bringing to bear various general principles, techniques and experience in an imaginative way. The most successful hackers go beyond this, and find ways to automate their bespoke attacks. This handbook describes a proven methodology that combines the virtues of human intelligence and computerized brute force, often with devastating results. The authors are professional penetration testers who have been involved in web application security for nearly a decade. They have presented training courses at the Black Hat security conferences throughout the world. Under the alias "PortSwigger", Dafydd developed the popular Burp Suite of web application hack tools.

**Leadership Education III** Leadership Education III Can Blockchain Revolutionize International Trade? Trade has always been shaped by technological innovation. In recent times, a new technology, Blockchain, has been greeted by many as the next big game-changer. Can Blockchain revolutionize international trade? This publication seeks to demystify the Blockchain phenomenon by providing a basic explanation of the technology. It analyses the relevance of this technology for international trade by reviewing how it is currently used or can be used in the various areas covered by WTO rules. In doing so, it provides an insight into the extent to which this technology could affect cross-border trade in goods and services, and intellectual property rights. It discusses the potential of Blockchain for reducing trade costs and enhancing supply chain transparency as well as the opportunities it provides for small-scale producers and companies. Finally, it reviews various challenges that must be addressed before the technology can be used on a wide scale and have a significant impact on international trade.

**CEH Certified Ethical Hacker Study Guide** Sybex Full Coverage of All Exam Objectives for the CEH Exams 312-50 and EC0-350 Thoroughly prepare for the challenging CEH Certified Ethical Hackers exam with this comprehensive study guide. The book provides full coverage of exam topics, real-world examples, and includes a CD with chapter review questions, two full-length practice exams, electronic flashcards, a glossary of key terms, and the entire book in a searchable pdf e-book.

**What's Inside: Covers ethics and legal issues, footprinting, scanning, enumeration, system hacking, trojans and backdoors, sniffers, denial of service, social engineering, session hijacking, hacking Web servers, Web application vulnerabilities, and more** Walks you through exam topics and includes plenty of real-world scenarios to help reinforce concepts Includes a CD with an assessment test, review questions, practice exams, electronic flashcards, and the entire book in a searchable pdf

**Knowmad Society** Education Futures LLC Knowmads are nomadic knowledge workers –creative, imaginative, and innovative people who can work with almost anybody, anytime, and anywhere. The jobs associated with 21st century

knowledge and innovation workers have become much less specific concerning task and place, but require more value-generative applications of what they know. The office as we know it is gone. Schools and other learning spaces will follow next. This book explores the future of learning, work and how we relate with each other in a world where we are now asked to design our own futures. Key topics covered include: reframing learning and human development; required skills and competencies; rethinking schooling; flattening organizations; co-creating learning; and new value creation in organizations. In this volume, nine authors from three continents, ranging from academics to business leaders, share their visions for the future of learning and work. Educational and organizational implications are uncovered, experiences are shared, and the contributors explore what it's going to take for individuals, organizations, and nations to succeed in Knowmad Society.

**Paralysis Resource Guide** The Paralysis Resource Guide, produced by the Christopher & Dana Reeve Foundation, is a reference and lifestyle tool for people affected by paralysis. The book includes details on medical and clinical subjects related to all causes of paralysis, as well as health maintenance information. The fully-illustrated book provides a detailed overview of biomedical research, assistive technology, sports and recreation activities, legal and civil rights, social security and benefits, and numerous lifestyle options.

**Genetic Evaluation for Insect Resistance in Rice** Int. Rice Res. Inst. Imperial Ideology and Provincial Loyalty in the Roman Empire Univ of California Press The Roman empire remains unique. Although Rome claimed to rule the world, it did not. Rather, its uniqueness stems from the culture it created and the loyalty it inspired across an area that stretched from the Tyne to the Euphrates. Moreover, the empire created this culture with a bureaucracy smaller than that of a typical late-twentieth-century research university. In approaching this problem, Clifford Ando does not ask the ever-fashionable question, Why did the Roman empire fall? Rather, he asks, Why did the empire last so long? Imperial Ideology and Provincial Loyalty in the Roman Empire argues that the longevity of the empire rested not on Roman military power but on a gradually realized consensus that Roman rule was justified. This consensus was itself the product of a complex conversation between the central government and its far-flung peripheries. Ando investigates the mechanisms that sustained this conversation, explores its contribution to the legitimation of Roman power, and reveals as its product the provincial absorption of the forms and content of Roman political and legal discourse. Throughout, his sophisticated and subtle reading is informed by current thinking on social formation by theorists such as Max Weber, Jürgen Habermas, and Pierre Bourdieu.

**Finding Alphas** John Wiley & Sons Design more successful trading systems with this practical guide to identifying alphas Finding Alphas seeks to teach you how to do one thing and do it well: design alphas. Written by experienced practitioners from WorldQuant, including its founder and CEO Igor Tulchinsky, this book provides detailed insight into the alchemic art of generating trading signals, and gives you access to the tools you need to practice and explore. Equally applicable across regions, this practical guide provides you with methods for uncovering the hidden signals in your data. A collection of essays provides diverse viewpoints to show the similarities, as well as unique approaches, to alpha design, covering a wide variety of topics, ranging from abstract theory to concrete technical aspects. You'll learn the dos and don'ts of information research, fundamental analysis, statistical arbitrage, alpha diversity, and more, and then delve into more advanced areas and more complex designs. The companion website, [www.worldquantchallenge.com](http://www.worldquantchallenge.com), features alpha examples with formulas and explanations. Further,

this book also provides practical guidance for using WorldQuant's online simulation tool WebSim® to get hands-on practice in alpha design. Alpha is an algorithm which trades financial securities. This book shows you the ins and outs of alpha design, with key insight from experienced practitioners. Learn the seven habits of highly effective quants Understand the key technical aspects of alpha design Use WebSim® to experiment and create more successful alphas Finding Alphas is the detailed, informative guide you need to start designing robust, successful alphas. Speech & Language Processing Pearson Education India Free To Choose HarperCollins INTERNATIONAL BESTSELLER A powerful and persuasive discussion about economics, freedom, and the relationship between the two, from today's brightest economist. In this classic discussion, Milton and Rose Friedman explain how our freedom has been eroded and our affluence undermined through the explosion of laws, regulations, agencies, and spending in Washington. This important analysis reveals what has gone wrong in America in the past and what is necessary for our economic health to flourish. Leadership Education I Trade has always been shaped by technological innovation. In recent times, a new technology, Blockchain, has been greeted by many as the next big game-changer. Can Blockchain revolutionize international trade? This publication seeks to demystify the Blockchain phenomenon by providing a basic explanation of the technology. It analyses the relevance of this technology for international trade by reviewing how it is currently used or can be used in the various areas covered by WTO rules. In doing so, it provides an insight into the extent to which this technology could affect cross-border trade in goods and services, and intellectual property rights. It discusses the potential of Blockchain for reducing trade costs and enhancing supply chain transparency as well as the opportunities it provides for small-scale producers and companies. Finally, it reviews various challenges that must be addressed before the technology can be used on a wide scale and have a significant impact on international trade.

The cochlear implant debate has been reframed in this collection, ranging from the ethics of genetic engineering, experiences of implanted adult deaf signers, reflections of deaf mothers who have had their children implanted, and the effects of implants on deaf identity.

"This user's guide covers the highly threatened cycad family and how it is regulated by the Convention on International Trade in Endangered Species (CITES). The text is written for the non-expert and the guide explores the major groups of cycads in trade, their distribution, conservation status, use and levels of trade as well as the likelihood of illegal trade. Exemptions from CITES regulations are also outlined, together with suggestions to aid enforcement. The guide includes a fully illustrated PowerPoint training presentation and a checklist of cycad species, their distribution and synonymy."--P. [4] of cover.

If you work in a university, you are almost certain to have heard the term 'open access' in the past couple of years. You may also have heard either that it is the utopian answer to all the problems of research dissemination or perhaps that it marks the beginning of an apocalyptic new era of 'pay-to-say' publishing. In this book, Martin Paul Eve sets out the histories, contexts and controversies for open access, specifically in the humanities. Broaching practical elements alongside economic histories, open licensing, monographs and funder policies, this book is a must-read for both those new to ideas about open-access scholarly communications and those with an already keen interest in the latest developments for the humanities. This title is also available as Open Access via Cambridge

Books Online.

Knowmads are nomadic knowledge workers –creative, imaginative, and innovative people who can work with almost anybody, anytime, and anywhere. The jobs associated with 21st century knowledge and innovation workers have become much less specific concerning task and place, but require more value-generative applications of what they know. The office as we know it is gone. Schools and other learning spaces will follow next. This book explores the future of learning, work and how we relate with each other in a world where we are now asked to design our own futures. Key topics covered include: reframing learning and human development; required skills and competencies; rethinking schooling; flattening organizations; co-creating learning; and new value creation in organizations. In this volume, nine authors from three continents, ranging from academics to business leaders, share their visions for the future of learning and work. Educational and organizational implications are uncovered, experiences are shared, and the contributors explore what it's going to take for individuals, organizations, and nations to succeed in Knowmad Society.

This second edition of *A Handbook of World Trade* is a reliable reference source on the framework and mechanics of world trade. The guide examines the origins and nature of the WTO, regulatory issues and disputes in international trade, the management of foreign currencies in international trade, international trade finance and documentation, and international trade development issues. This authoritative analysis is supported by a directory of essential contacts and useful information including membership of regional trading groups, banking groups with trade finance capacity, export credit agencies, and reading lists.

The best country-by-country assessment of human rights. The human rights records of more than ninety countries and territories are put into perspective in Human Rights Watch's signature yearly report. Reflecting extensive investigative work undertaken by Human Rights Watch staff, in close partnership with domestic human rights activists, the annual World Report is an invaluable resource for journalists, diplomats, and citizens, and is a must-read for anyone interested in the fight to protect human rights in every corner of the globe.

Although plants comprise more than 90% of all visible life, and land plants and algae collectively make up the most morphologically, physiologically, and ecologically diverse group of organisms on earth, books on evolution instead tend to focus on animals. This organismal bias has led to an incomplete and often erroneous understanding of evolutionary theory. Because plants grow and reproduce differently than animals, they have evolved differently, and generally accepted evolutionary views—as, for example, the standard models of speciation—often fail to hold when applied to them. Tapping such wide-ranging topics as genetics, gene regulatory networks, phenotype mapping, and multicellularity, as well as paleobotany, Karl J. Niklas's *Plant Evolution* offers fresh insight into these differences. Following up on his landmark book *The Evolutionary Biology of Plants*—in which he drew on cutting-edge computer simulations that used plants as models to illuminate key evolutionary theories—Niklas incorporates data from more than a decade of new research in the flourishing field of molecular biology, conveying not only why the study of evolution is so important, but also why the study of plants is essential to our understanding of evolutionary processes. Niklas shows us that investigating the intricacies of plant development, the diversification of early vascular land plants, and larger patterns in plant evolution is not just a botanical pursuit: it is vital to our comprehension of

the history of all life on this green planet.

It is usually held that representative government is not strictly democratic, since it does not allow the people themselves to directly make decisions. But here, taking as her guide Thomas Paine's subversive view that "Athens, by representation, would have surpassed her own democracy," Nadia Urbinati challenges this accepted wisdom, arguing that political representation deserves to be regarded as a fully legitimate mode of democratic decision making—and not just a pragmatic second choice when direct democracy is not possible. As Urbinati shows, the idea that representation is incompatible with democracy stems from our modern concept of sovereignty, which identifies politics with a decision maker's direct physical presence and the immediate act of the will. She goes on to contend that a democratic theory of representation can and should go beyond these identifications. Political representation, she demonstrates, is ultimately grounded in a continuum of influence and power created by political judgment, as well as the way presence through ideas and speech links society with representative institutions. Deftly integrating the ideas of such thinkers as Rousseau, Kant, Emmanuel Joseph Sieyès, Paine, and the Marquis de Condorcet with her own, Urbinati constructs a thought-provoking alternative vision of democracy.

The Paralysis Resource Guide, produced by the Christopher & Dana Reeve Foundation, is a reference and lifestyle tool for people affected by paralysis. The book includes details on medical and clinical subjects related to all causes of paralysis, as well as health maintenance information. The fully-illustrated book provides a detailed overview of biomedical research, assistive technology, sports and recreation activities, legal and civil rights, social security and benefits, and numerous lifestyle options. "As with any enterprise involving violence and lots of money, running a plantation in early British America was a serious and brutal enterprise. Beyond resources and weapons, a plantation required a significant force of cruel and rapacious men men who, as Trevor Burnard sees it, lacked any better options for making money. In the contentious Planters, Merchants, and Slaves, Burnard argues that white men did not choose to develop and maintain the plantation system out of virulent racism or sadism, but rather out of economic logic because to speak bluntly it worked. These economically successful and ethically monstrous plantations required racial divisions to exist, but their successes were always measured in gold, rather than skin or blood. Burnard argues that the best example of plantations functioning as intended is not those found in the fractious and poor North American colonies, but those in their booming and integrated commercial hub, Jamaica. Sure to be controversial, this book is a major intervention in the scholarship on slavery, economic development, and political power in early British America, mounting a powerful and original argument that boldly challenges historical orthodoxy."--

In modern life, technology is everywhere. Yet as a concept, technology is a mess. In popular discourse, technology is little more than the latest digital innovations. Scholars do little better, offering up competing definitions that include everything from steelmaking to singing. In *Technology: Critical History of a Concept*, Eric Schatzberg explains why technology is so difficult to define by examining its three thousand year history, one shaped by persistent tensions between scholars and technical practitioners. Since the time of the ancient Greeks, scholars have tended to hold technicians in low esteem, defining technical practices as mere means toward ends defined by others. Technicians, in contrast, have repeatedly pushed back against this characterization, insisting on the dignity, creati-

ty, and cultural worth of their work. The tension between scholars and technicians continued from Aristotle through Francis Bacon and into the nineteenth century. It was only in the twentieth century that modern meanings of technology arose: technology as the industrial arts, technology as applied science, and technology as technique. Schatzberg traces these three meanings to the present day, when discourse about technology has become pervasive, but confusion among the three principal meanings of technology remains common. He shows that only through a humanistic concept of technology can we understand the complex human choices embedded in our modern world.

Design more successful trading systems with this practical guide to identifying alphas *Finding Alphas* seeks to teach you how to do one thing and do it well: design alphas. Written by experienced practitioners from WorldQuant, including its founder and CEO Igor Tulchinsky, this book provides detailed insight into the alchemic art of generating trading signals, and gives you access to the tools you need to practice and explore. Equally applicable across regions, this practical guide provides you with methods for uncovering the hidden signals in your data. A collection of essays provides diverse viewpoints to show the similarities, as well as unique approaches, to alpha design, covering a wide variety of topics, ranging from abstract theory to concrete technical aspects. You'll learn the dos and don'ts of information research, fundamental analysis, statistical arbitrage, alpha diversity, and more, and then delve into more advanced areas and more complex designs. The companion website, [www.worldquantchallenge.com](http://www.worldquantchallenge.com), features alpha examples with formulas and explanations. Further, this book also provides practical guidance for using WorldQuant's online simulation tool WebSim® to get hands-on practice in alpha design. Alpha is an algorithm which trades financial securities. This book shows you the ins and outs of alpha design, with key insight from experienced practitioners. Learn the seven habits of highly effective quants Understand the key technical aspects of alpha design Use WebSim® to experiment and create more successful alphas *Finding Alphas* is the detailed, informative guide you need to start designing robust, successful alphas.

Over the past half-century, think tanks have become fixtures of American politics, supplying advice to presidents and policy makers, expert testimony on Capitol Hill, and convenient facts and figures to journalists and media specialists. But what are think tanks? Who funds them? What kind of "research" do they produce? Where does their authority come from? And how influential have they become? In *Think Tanks in America*, Thomas Medvetz argues that the unsettling ambiguity of the think tank is less an accidental feature of its existence than the very key to its impact. By combining elements of more established sources of public knowledge—universities, government agencies, businesses, and the media—think tanks exert a tremendous amount of influence on the way citizens and lawmakers perceive the world, unbound by the more clearly defined roles of those other institutions. In the process, they transform the government of this country, the press, and the political role of intellectuals. Timely, succinct, and instructive, this provocative book will force us to rethink our understanding of the drivers of political debate in the United States.

"The recent United States presidential election as well as the responses to the protests about the death of Blacks at the hands of the police has brought forward the question of racism among white voters. In *Racial Resentment in the Political Mind*, Darren Davis and David Wilson explore the idea that racial resentment, rather than simply racial prejudice, is the basis for growing resistance among whites to efforts to improve the circumstances faced by minorities in the United States. The authors



start with the idea that there is growing sentiment among whites that they are "losing-out" and "being cut in line" by Blacks and other minorities, as reflected in an emphasis on diversity and inclusion, multiculturalism, trigger warnings, and political correctness, an increase in African Americans occupying powerful and prestigious positions, and the election of Barack Obama as the first Black president. The culprits, as they see it, are undeserving Blacks, as well as other minorities, who are perceived to benefit unfairly from, and take advantage of, resources that come at whites' expense. This rewarding of unearned resources challenges the status quo and the "rules of the game," especially as they relate to justice and deservingness. These reactions may not stem from racial prejudice or hatred toward Blacks; instead, they may result from threats to whites' sense of justice, entitlement, and status. This sentiment is occurring among everyday citizens who do not subscribe to hate-filled racial or nationalistic ideologies but rather seek to treat everyone respectfully and equally, even those who are different, and understand that rejecting others because of racial prejudice is offensive"--

This study introduces the basics of financing and security mechanisms in international trade and describes the methods of maximizing the benefits and neutralizing the risks involved. It examines issues such as the law and practice of international payments, financing and re-financing of mid and long term receivables, and securing the repayment of credits. It also discusses dispute resolution, international institutions related to trade finance and various model contractual provisions. A glossary is included.

The implicit questions that inevitably underlie German bioethics are the same ones that have pervaded all of German public life for decades: How could the Holocaust have happened? And how can Germans make sure that it will never happen again? In *Reasons of Conscience*, Stefan Sperling considers the bioethical debates surrounding embryonic stem cell research in Germany at the turn of the twenty-first century, highlighting how the country's ongoing struggle to come to terms with its past informs the decisions it makes today. Sperling brings the reader unmatched access to the offices of the German parliament to convey the role that morality and ethics play in contemporary Germany. He describes the separate and interactive workings of the two bodies assigned to shape German bioethics—the parliamentary Enquiry Commission on Law and Ethics in Modern Medicine and the executive branch's National Ethics Council—tracing each institution's genesis, projected image, and operations, and revealing that the content of bioethics cannot be separated from the workings of these institutions. Sperling then focuses his discussion around three core categories—transparency, conscience, and Germany itself—arguing that without fully considering these, we fail to understand German bioethics. He concludes with an assessment of German legislators and regulators' attempts to incorporate criteria of ethical research into the German Stem Cell Law.

Higher education is a strange beast. Teaching is a critical skill for scientists in academia, yet one that is barely touched upon in their professional training—despite being a substantial part of their career. This book is a practical guide for anyone teaching STEM-related academic disciplines at the college level, from graduate students teaching lab sections and newly appointed faculty to well-seasoned professors in want of fresh ideas. Terry McGlynn's straightforward, no-nonsense approach avoids off-putting pedagogical jargon and enables instructors to become true ambassadors for science. For years, McGlynn has been addressing the need for practical and accessible advice for col-

lege science teachers through his popular blog Small Pond Science. Now he has gathered this advice as an easy read—one that can be ingested and put to use on short deadline. Readers will learn about topics ranging from creating a syllabus and developing grading rubrics to mastering learning management systems and ensuring safety during lab and fieldwork. The book also offers advice on cultivating productive relationships with students, teaching assistants, and colleagues.

The financial crisis and the recession that followed caught many people off guard, including experts in the financial sector whose jobs involve predicting market fluctuations. Financial analysis offices in most international banks are supposed to forecast the rise or fall of stock prices, the success or failure of investment products, and even the growth or decline of entire national economies. And yet their predictions are heavily disputed. How do they make their forecasts—and do those forecasts have any actual value? Building on recent developments in the social studies of finance, *Stories of Capitalism* provides the first ethnography of financial analysis. Drawing on two years of fieldwork in a Swiss bank, Stefan Leins argues that financial analysts construct stories of possible economic futures, presenting them as coherent and grounded in expert research and analysis. In so doing, they establish a role for themselves—not necessarily by laying bare empirically verifiable trends but rather by presenting the market as something that makes sense and is worth investing in. *Stories of Capitalism* is a nuanced look at how banks continue to boost investment—even in unstable markets—and a rare insider's look into the often opaque financial practices that shape the global economy. In premodern China, painters used imagery not to mirror the world, but to evoke unfathomable experience. Considering this art alongside the philosophical traditions that inform it, this book explores the 'nonobject', a notion exemplified by paintings that do not seek to represent observable surroundings.

The congressional agenda, Frances Lee contends, includes many issues about which liberals and conservatives generally agree. Even over these matters, though, Democratic and Republican senators tend to fight with each other. What explains this discord? *Beyond Ideology* argues that many partisan battles are rooted in competition for power rather than disagreement over the rightful role of government. The first book to systematically distinguish Senate disputes centering on ideological questions from the large proportion of them that do not, this volume foregrounds the role of power struggle in partisan conflict. Presidential leadership, for example, inherently polarizes legislators who can influence public opinion of the president and his party by how they handle his agenda. Senators also exploit good government measures and floor debate to embarrass opponents and burnish their own party's image—even when the issues involved are broadly supported or low-stakes. Moreover, Lee contends, the congressional agenda itself amplifies conflict by increasingly focusing on issues that reliably differentiate the parties. With the new president pledging to stem the tide of partisan polarization, *Beyond Ideology* provides a timely taxonomy of exactly what stands in his way.

A life strategy guide by the creator of the Spartan Race explains how the principles that bring about success in an extreme sports environment can help anyone achieve his or her full potential in life, business, and relationships.

A surprising and deeply researched look at how everyone can develop tech fluency by focusing on five easily developed learning habits. Picture a typical computer geek. Likely white, male, and someone you'd say has a "natural instinct" for technology. Yet, after six years teaching technology class-

es to first-generation, low-income middle school students in Oakland, California, Cassidy Puckett has seen firsthand that being good with technology is not something people are born with—it's something they learn. In *Redefining Geek*, she overturns the stereotypes around the digitally savvy and identifies the habits that can help everyone cultivate their inner geek. Drawing on observations and interviews with a diverse group of students around the country, Puckett zeroes in on five technology learning habits that enable tech-savvy teens to learn new technologies: a willingness to try and fail, management of frustration and boredom, use of models, and the abilities to use design logic and identify efficiencies. In *Redefining Geek*, she shows how to measure and build these habits, and she demonstrates how many teens historically marginalized in STEM are already using these habits and would benefit from recognition for their talent, access to further learning opportunities, and support in career pathways. She argues that if we can develop, recognize, and reward these technological learning habits in all kids—especially girls and historically marginalized racial and ethnic groups—we can address many educational inequities and disparities in STEM. Revealing how being good with technology is not about natural ability but habit and persistence, *Redefining Geek* speaks to the ongoing conversation on equity in technology education and argues for a more inclusive technology learning experience for all students.

The Chicago Guide to College Science Teaching University of Chicago Press

The authoritative guide to using the English language effectively, from “the greatest writer on grammar and usage that this country has ever produced” (David Yerkes, Columbia University). The author of *The Chicago Manual of Style*'s popular “Grammar and Usage” chapter, Bryan A. Garner is renowned for explaining the vagaries of English with absolute precision and utmost clarity. With *The Chicago Guide to Grammar, Usage, and Punctuation*, he has written the definitive guide for writers who want their prose to be both memorable and correct. Garner describes standard literary English—the forms that mark writers and speakers as educated users of the language. He also offers historical context for understanding the development of these forms. The section on grammar explains how the canonical parts of speech came to be identified, while the section on syntax covers the nuances of sentence patterns as well as both traditional sentence diagramming and transformational grammar. The usage section provides an unprecedented trove of empirical evidence in the form of Google Ngrams, diagrams that illustrate the changing prevalence of specific terms over decades and even centuries of English literature. Garner also treats punctuation and word formation, and concludes the book with an exhaustive glossary of grammatical terms and a bibliography of suggested further reading and references. *The Chicago Guide to Grammar, Usage, and Punctuation* is a magisterial work, the culmination of Garner's lifelong study of the English language. The result is a landmark resource that will offer clear guidelines to students, writers, and editors alike. “[A manual] for those of us laboring to produce expository prose: nonfiction books, journalistic articles, memos, business letters. The conservatism of his advice pushes you to consider audience and occasion, so that you will understand when to follow convention and when you can safely break it.”—John

E. McIntyre, Baltimore Sun

It is one thing to lament the financial pressures put on universities, quite another to face up to the poverty of resources for thinking about what universities should do when they purport to offer a liberal education. In *Powers of the Mind*, former University of Chicago dean Donald N. Levine enriches those resources by proposing fresh ways to think about liberal learning with ideas more suited to our times. He does so by defining basic values of modernity and then considering curricular principles pertinent to them. The principles he favors are powers of the mind—disciplines understood as fields of study defined not by subject matter but by their embodiment of distinct intellectual capacities. To illustrate, Levine draws on his own lifetime of teaching and educational leadership, while providing a marvelous summary of exemplary educational thinkers at the University of Chicago who continue to inspire. Out of this vital tradition, *Powers of the Mind* constructs a paradigm for liberal arts today, inclusive of all perspectives and applicable to all settings in the modern world.

This book is a practical guide to discovering and exploiting security flaws in web applications. The authors explain each category of vulnerability using real-world examples, screen shots and code extracts. The book is extremely practical in focus, and describes in detail the steps involved in detecting and exploiting each kind of security weakness found within a variety of applications such as online banking, e-commerce and other web applications. The topics covered include bypassing login mechanisms, injecting code, exploiting logic flaws and compromising other users. Because every web application is different, attacking them entails bringing to bear various general principles, techniques and experience in an imaginative way. The most successful hackers go beyond this, and find ways to automate their bespoke attacks. This handbook describes a proven methodology that combines the virtues of human intelligence and computerized brute force, often with devastating results. The authors are professional penetration testers who have been involved in web application security for nearly a decade. They have presented training courses at the Black Hat security conferences throughout the world. Under the alias “PortSwigger”, Dafydd developed the popular Burp Suite of web application hack tools.

The number of immigrants in the US science, technology, engineering, and mathematics (STEM) workforce and among recipients of advanced STEM degrees at US universities has increased in recent decades. In light of the current public debate about immigration, there is a need for evidence on the economic impacts of immigrants on the STEM workforce and on innovation. Using new data and state-of-the-art empirical methods, this volume examines various aspects of the relationships between immigration, innovation, and entrepreneurship, including the effects of changes in the number of immigrants and their skill composition on the rate of innovation; the relationship between high-skilled immigration and entrepreneurship; and the differences between immigrant and native entrepreneurs. It presents new evidence on the postgraduation migration patterns of STEM doctoral recipients, in particular the likelihood these graduates will return to their home country. This volume also examines the role of the US higher education system and of US visa policy in attracting foreign students for graduate study and retaining them after graduation.