

Life Science 2014 March Paper Grade 1

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Brain-immune interactions in health and disease Adam Denes 2015-06-12 Brain-immune interactions are essential to maintain health and their dysfunction contributes to diverse human diseases. Recent data show that haematopoietic processes and immune organs are under central autonomic control. Deficient regulation of inflammatory events contributes to brain diseases, whereas acute or chronic brain injury is linked with the development of systemic inflammatory conditions or immunosuppression. At present, common disorders with high socio-economic burden such as cancer, cardiovascular-, neuroinflammatory- and neurodegenerative diseases, asthma, allergies, autism, psychiatric conditions and sepsis are believed to be influenced, at least in part, by the dysfunction of brain-immune communication. Since the median age of the world's population is increasing rapidly, it is expected that the burden of common non-communicable diseases will further increase, which represents a huge challenge to the health care systems worldwide. Thus, there is an increasing demand to understand and treat complex diseases, many of which are age-related, and this is not possible unless the fine-tuned communication between large systems -such as the nervous and the immune system- is comprehensively understood. Although it is impossible to cover all areas of relevant research in this field, papers in this eBook give some insight to a few important aspects of brain-immune interactions and their contribution to disease. We hope that this collection could stimulate further relevant research and facilitate discussions to support the understanding of the highly complex interactions between the immune system and the brain in health and disease.

Preparing Students for College and Careers Katie Larsen McClarty 2017-08-22 Preparing Students for College and Careers addresses measurement and research issues related to college and career readiness. Educational reform efforts across the United States have increasingly taken aim at measuring and improving postsecondary readiness. These initiatives include developing new content standards, redesigning assessments and performance levels, legislating new developmental education policy for colleges and universities, and highlighting gaps between graduates' skills and employers' needs. In this comprehensive book, scholarship from leading experts on each of these topics is collected for assessment professionals and for education researchers interested in this new area of focus. Cross-disciplinary chapters cover the current state of research, best practices, leading interventions, and a variety of measurement concepts, including construct definitions, assessments, performance levels, score interpretations, and test uses.

Gendered Power and Mobile Technology Caroline Wamala Larsson 2019-06-13 Mobile phones are widely viewed as the information and communication technology that holds the most promise for bridging global digital divides. Gendered Power and Mobile Technology uses empirical

research to focus on changing intersections between technology, gender and other categories of social and cultural power difference (such as age, race, class, and ethnicity) in the use of mobile communication technologies. Asking how these intersections can inform development discourse, practice, and research, this volume seeks to rectify the lack of attention to the Global South, calling for more sensitivity to the contexts and consequences of mobile phone use. Indeed, drawing on case studies from Ecuador, Ghana, Kenya, Mexico, Peru, Tanzania, and Uganda, this book engages with the intersectionality paradigm to tease out the complexities of using mobile technologies for development purposes. Gendered Power and Mobile Technology will appeal to students and researchers interested in fields such as media studies, development studies, gender and technology, feminist technoscience, anthropology, and sociology.

Race, Class, and Gentrification in Brooklyn Jerome Krase 2016-05-12 Krase and DeSena offer a comprehensive view from the street of two iconic Brooklyn neighborhoods, Crown Heights-Prospect-Lefferts Gardens and Greenpoint-Williamsburg. They analyze the neighborhoods' precipitous decline and subsequent spectacular rise.

Mastering Catastrophic Risk Howard Kunreuther 2018-05-01 A profound and insightful look at how company leaders prepare for and respond to shocks and crises that threaten their business. Successful firms strategically manage and are more accurate in their assessment of large-scale risks. Doing so is increasingly challenging given the pace of change, whether financial, technological, regulatory, or environmental. Mastering Catastrophic Risk provides real-world practical insights into how large companies are responding to this new reality and develops a framework for smarter thinking about events that can damage a business. As leading authorities on risk management, strategy, and company leadership, Howard Kunreuther and Michael Useem take us on a groundbreaking tour of firms' decision making process. They demonstrate how improving readiness for and resilience against future shocks is now an integral part of company strategy. Using the "DISRUPT" model they have developed, they highlight the seven primary Drivers of disruption: Interdependencies increase exposure; Short-term focus results in limited vision; Regulations require change and constrain opportunities; Urbanization increases the costs of disasters; Probabilities of disasters have increased; and Transparency has enhanced public awareness of problems and impacts on firms' reputations. Some disruptions can be anticipated, while others arrive without warning. Their onset stresses decision makers, impairs company operations, and may even put the enterprise at risk. The bottom-line: business leaders and their governing boards face ever more challenging disruptions and must be ever more on guard. If your company is hit tomorrow, will it bounce back, or drown?

Journeys through Emerging Adulthood Alan Reifman 2022-07-29 Journeys through Emerging Adulthood takes the reader on a tour of contemporary transitions to

adulthood, reporting on the latest cross-national and cross-cultural research into young adulthood and separating fact from fiction about this important life phase. Alan Reifman shows how today's youth are taking more time to enter traditional adult roles, and explores the benefits and disadvantages of this gradual emergence into adulthood. This essential textbook navigates the research that reveals the substantial variety in young people's paths to adulthood. It covers the spectrum of the young adult experience, examining the influence that parents have on their grown children's progress and identity as adults, and considering the impact of traditional milestones such as higher education, establishing a career, forming romantic relationships and becoming a parent. It examines key topics including mental health in emerging adults and the likelihood of substance abuse, and how young adults might reach out into the community through volunteerism, religious involvement and political activism. Each section includes examples and studies conducted in a range of countries, exploring how the journey to adulthood can vary according to cultural context as well as individual circumstance. The book affirms that while there is great variety in how one transitions to adulthood, there is no correct path, and most people fare well – or even thrive – in adulthood. Featuring end-of-chapter summaries, quizzes and activities, *Journeys Through Emerging Adulthood* provides an accessible yet comprehensive overview of this significant life stage, connecting fundamental psychological theories with modern social phenomena. Reifman's text is essential reading for both undergraduate and graduate students of psychology, human development and sociology, as well as students and researchers of any discipline interested in the path to adulthood.

Managing Intercollegiate Athletics Daniel Covell 2019-03-07 This practical, comprehensive book combines solid theoretical concepts with relevant examples, extensive factual information, and important insider perspectives to help prepare students who are interested in pursuing a career in collegiate athletics management. The authors' in-depth discussions reveal the inner workings of athletic departments and the conferences and governing organizations that impact them. Using examples from institutions of varying sizes and representing numerous conferences, associations, and divisions, *Managing Intercollegiate Athletics*, second edition, provides an extensive view of management processes such as generating revenue to cover expenses; recruiting and its mechanics and regulations; the role of the conferences and national governing bodies; and academic standards, reform, and fraud. New to the second edition is an increased emphasis on the impact of division, institution, and department missions and goals on decision making. The book also includes new discussions of the application of management functions--including goal setting, decision making, and strategic management--on intercollegiate athletics at various levels. Adding to the practical nature of the book, and providing an important critical-thinking component to each chapter, are "Practitioner Perspectives." These contributions demonstrate how and why administrators make and implement their decisions, and they present creative problem-solving ideas for readers that they can use in their own careers. New Practitioner Perspectives in this edition provide, for example, an insider's view from an NCAA vice president, a conference commissioner, and a Division I athletic director. Chapters also feature one or more Case Studies offering an in-depth look at how institutions grapple with management challenges. In the second edition, new case studies look at the NCAA's leadership role in the Penn State University abuse case, the role of the TRAC model to ensure data-based decision making in terminating the University of Alabama at Birmingham football program, and others. These case

studies and accompanying questions can serve as starting points for class discussion.

Urban Knowledge and Innovation Spaces Tan Yigitcanlar 2018-10-19 The expansion of knowledge economy, globalization, and economic competitiveness has imparted importance of knowledge and innovation in local economies worldwide. As a result, integrating knowledge generation and innovation considerations in urban planning and development processes has become an important agenda for establishing sustainable growth and long-term competitiveness of contemporary cities. Today, making space and place that concentrate on knowledge generation and innovation is a priority for many cities across the globe. Urban knowledge and innovation spaces are integrated centres of knowledge generation, learning, commercialization and lifestyle. In other words, they are high-growth knowledge industry and worker clusters, and distinguish the functional activity in an area, where agglomeration of knowledge and technological activities has positive externalities for the rest of the city as well as firms located there. Urban knowledge and innovation spaces are generally established with two primary objectives in mind: to be a seedbed for knowledge and technology and to play an incubator role nurturing the development and growth of new, small, high-technology firms; and to act as a catalyst for regional economic development that promotes economic growth and contributes to the development of the city as a 'knowledge or innovative city'. This book contains chapters reporting investigation findings on different aspects of urban knowledge and innovation spaces, such as urban planning and design, innovation systems, urban knowledge management, and regional science. It was originally published as a special issue of the *Journal of Urban Technology*.

The Art of Screen Time Anya Kamenetz 2018-01-30 Finally: an evidence-based, reassuring guide to what to do about kids and screens, from video games to social media. Today's babies often make their debut on social media with the very first sonogram. They begin interacting with screens at around four months old. But is this good news or bad news? A wonderful opportunity to connect around the world? Or the first step in creating a generation of addled screen zombies? Many have been quick to declare this the dawn of a neurological and emotional crisis, but solid science on the subject is surprisingly hard to come by. In *The Art of Screen Time*, Anya Kamenetz -- an expert on education and technology, as well as a mother of two young children -- takes a refreshingly practical look at the subject. Surveying hundreds of fellow parents on their practices and ideas, and cutting through a thicket of inconclusive studies and overblown claims, she hones a simple message, a riff on Michael Pollan's well-known "food rules": Enjoy Screens. Not too much. Mostly with others. This brief but powerful dictum forms the backbone of a philosophy that will help parents moderate technology in their children's lives, curb their own anxiety, and create room for a happy, healthy family life with and without screens.

Attachments to War Jennifer Terry 2017-10-20 In *Attachments to War* Jennifer Terry traces how biomedical logics entangle Americans in a perpetual state of war. Focusing on the Afghanistan and Iraq wars between 2002 and 2014, Terry identifies the presence of a biomedicine-war nexus in which new forms of wounding provoke the continual development of complex treatment, rehabilitation, and prosthetic technologies. At the same time, the U.S. military rationalizes violence and military occupation as necessary conditions for advancing medical knowledge and saving lives. Terry examines the treatment of war-generated polytrauma, postinjury bionic prosthetics design, and the development of defenses against infectious pathogens, showing how the interdependence between war and

biomedicine is interwoven with neoliberal ideals of freedom, democracy, and prosperity. She also outlines the ways in which military-sponsored biomedicine relies on racialized logics that devalue the lives of Afghan and Iraqi citizens and U.S. veterans of color. Uncovering the mechanisms that attach all Americans to war and highlighting their embeddedness and institutionalization in everyday life via the government, media, biotechnology, finance, and higher education, Terry helps lay the foundation for a more meaningful opposition to war.

Staying with the Trouble Donna J. Haraway 2016-08-19 In the midst of spiraling ecological devastation, multispecies feminist theorist Donna J. Haraway offers provocative new ways to reconfigure our relations to the earth and all its inhabitants. She eschews referring to our current epoch as the Anthropocene, preferring to conceptualize it as what she calls the Chthulucene, as it more aptly and fully describes our epoch as one in which the human and nonhuman are inextricably linked in tentacular practices. The Chthulucene, Haraway explains, requires sym-poiesis, or making-with, rather than auto-poiesis, or self-making. Learning to stay with the trouble of living and dying together on a damaged earth will prove more conducive to the kind of thinking that would provide the means to building more livable futures. Theoretically and methodologically driven by the signifier SF—string figures, science fact, science fiction, speculative feminism, speculative fabulation, so far—Staying with the Trouble further cements Haraway's reputation as one of the most daring and original thinkers of our time.

SOC Nijole V. Benokraitis 2018-03-08 4LTR Press solutions give students the option to choose the format that best suits their learning preferences. This option is perfect for those students who focus on the textbook as their main course resource. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Teach Janice Koch 2018-12-04 Teach is a concise introduction to education that challenges readers' preconceived notions of teaching in order to transform them into reflective practitioners. Empathizing with the difficulties students face as they move from the college classroom to their own classrooms, revered author Janice Koch invites readers to both reflect on their own dispositions for teaching and look outside of themselves to the demands of the profession, making the philosophy of teaching and learning accessible and relevant. The Fourth Edition emphasizes the changing student population and the role of technology and globalization in the field, while also including the Interstate Teacher Assessment and Support Consortium (InTASC) standards correlating with each chapter's content. With the guidance of this supportive text, readers will gain vital exposure by engaging with professional standards from the very start of their career.

Importing Care, Faithful Service Stephen M. Cherry 2022-06-17 Every year thousands of foreign-born Filipino and Indian nurses immigrate to the United States. Despite being well trained and desperately needed, they enter the country at a time, not unlike the past, when the American social and political climate is once again increasingly unwelcoming to them as immigrants. Drawing on rich ethnographic and survey data, collected over a four-year period, this study explores the role Catholicism plays in shaping the professional and community lives of foreign-born Filipino and Indian American nurses in the face of these challenges, while working at a Veterans hospital. Their stories provide unique insights into the often-unseen roles race, religion and gender play in the daily lives of new immigrants employed in American healthcare. In many ways, these nurses find themselves foreign in more ways than just their nativity. Seeing nursing as a religious

calling, they care for their patients, both at the hospital and in the wider community, with a sense of divine purpose but must also confront the cultural tensions and disconnects between how they were raised and trained in another country and the legal separation of church and state. How they cope with and engage these tensions and disconnects plays an important role in not only shaping how they see themselves as Catholic nurses but their place in the new American story.

Advances in Service-Oriented and Cloud Computing Antonio Celesti 2016-04-26 This volume contains the technical papers presented in the seven high-quality workshops associated with the European Conference on Service-Oriented and Cloud Computing, ESOC 2015, held in Taormina, Italy, in September 2015: Third International Workshop on Cloud for IoT (CLIoT 2015), 5th International Workshop on Adaptive Services for the Future Internet (WAS4FI 2015), Second Workshop on Seamless Adaptive Multi-cloud Management of Service-Based Applications (SeaClouds 2015), First International Workshop on Cloud Adoption and Migration (CloudWay 2015), First International Workshop on Digital Enterprise Architecture and Engineering (IDEA 2015), First Workshop on Federated Cloud Networking (FedCloudNet 2015). Abstracts of the presentations held at the European Projects Forum (EU Projects 2015) are included in the back matter of this volume. The 25 full papers and 6 short papers were carefully reviewed and selected from 48 submissions. They focus on specific topics in service-oriented and cloud computing domains such as limits and /or advantages of existing cloud solutions, Future Internet technologies, efficient and adaptive deployment and management of service-based applications across multiple clouds, novel cloud service migration practices and solutions, digitization of enterprises in the cloud computing era, federated cloud networking services.

Teaching Informational Text in K-3 Classrooms Mariam Jean Dreher 2015-09-19 Specifically designed for K-3 teachers, this accessible guide describes ways to use informational text creatively and effectively in both reading and writing instruction. The book presents lessons, read-alouds, and activities that motivate students to engage with a wide variety of exemplary texts. Links to the Common Core State Standards (CCSS) are explained throughout. Key topics include how to build academic vocabulary, balance fiction and nonfiction, and address the needs of English language learners. Examples from diverse classrooms and end-of-chapter discussion questions and engagement activities enhance the book's utility as a professional development resource. Reproducible handouts and other tools can be downloaded and printed in a convenient 8 1/2" x 11" size.

Applying Dialogic Pedagogy Cynthia Z. Cohen 2018-08-15 This case study of discussion-based teaching finds improvements in student concentration; scaffolding towards higher critical thinking; inclusion of non-traditional learning styles; and reduction of student absenteeism. However, this study did not find effective socialization in discussion-based disciplinary methods.

Light of the Stars: Alien Worlds and the Fate of the Earth Adam Frank 2018-06-12 Winner of the 2019 Phi Beta Kappa Award for Science "A valuable perspective on the most important problem of our time." —Adam Becker, NPR Light of the Stars tells the story of humanity's coming of age as we realize we might not be alone in this universe. Astrophysicist Adam Frank traces the question of alien life from the ancient Greeks to modern thinkers, and he demonstrates that recognizing the possibility of its existence might be the key to save us from climate change. With clarity and conviction, Light of the Stars asks the consequential question: What can the likely presence of life on other planets tell us about our own fate?

Renewing Democracy in Young America Daniel Hart

2017-11-30 With a government plagued by systemic ills and deep ideological divides, democracy, as we know it, is in jeopardy. Yet, ironically, voter apathy remains prevalent and evidence suggests standard civic education has done little to instill a sense of civic duty in the American public. While some are waiting for change to come from within, trying to influence already polarized voters, or counting down the days until the "next election," leading child and adolescent development experts Daniel Hart and James Youniss are looking to another solution: America's youth. In *Renewing Democracy in Young America*, Hart and Youniss examine the widening generation gap, the concentration of wealth in pockets of the US, and the polarized political climate, and they arrive at a compelling solution to some of the most hotly contested issues of our time. The future of democracy depends on the American people seeing citizenship as a long-term psychological identity, and thus it is critical that youth have the opportunity to act as citizens during the time of their identity formation. Proposing that 16- and 17-year-olds be able to vote in municipal elections and suggesting that schools create science-based, community-oriented environmental engagement programs, the authors expound that by engaging youth through direct citizen-participatory experiences, we can successfully create active and committed citizens. Political scientists, media commentators, and citizens alike agree that democratic processes are broken across the nation, but we cannot stop at simply showing that our political system is dysfunctional. Refreshingly lucid and unabashedly hopeful, *Renewing Democracy in Young America* is an impeccably timed call to action.

What's Left Now? Andrew Hindmoor 2018-02-02 Our sense of history shapes how we think about ourselves. One of the distinguishing features of the left in Britain is that it holds to a remorselessly bleak and miserabilist view of our recent political history – one in which Margaret Thatcher's election in 1979 marked the start of a still-continuing fall from political grace made evident by the triumph of a free market get-what-you-can neoliberal ideology, dizzying levels of inequality, social decay, rampant individualism, state authoritarianism, and political corruption. The left does not like what has happened to us and it does not like what we have become. Andrew Hindmoor argues that this history is wrong and self-harming. It is wrong because Britain has in many respects become a more politically attractive and progressive country over the last few decades. It is self-harming because this bleak history undermines faith in politics. Post-Brexit, post-Grenfell, and post the 2010, 2015, and 2017 general elections, things may not, right now, look that great. But looked at over the longer haul, Britain is a long way from being a posterchild for neoliberalism. Left-wing ideas and arguments have shaped and continue to shape our politics.

Early Engineering Learning Lyn English 2018-05-29 This book addresses engineering learning in early childhood, spanning ages 3 to 8 years. It explores why engineering experiences are important in young children's overall development and how engineering is a core component of early STEM learning, including how engineering education links and supports children's existing experiences in science, mathematics, and design and technology, both before school and in the early school years. Promoting STEM education across the school years is a key goal of many nations, with the realization that building STEM skills required by societies takes time and needs to begin as early as possible. Despite calls from national and international organisations, the inclusion of engineering-based learning within elementary and primary school programs remains limited in many countries. Engineering experiences for young children in the pre-

school or early school years has received almost no attention, even though young children can be considered natural engineers. This book addresses this void by exposing what we know about engineering for young learners, including their capabilities for solving engineering-based problems and the (few) existing programs that are capitalising on their potential.

Emerging Technologies for STEAM Education Xun Ge

2015-09-09 This theory-to-practice guide offers leading-edge ideas for wide-scale curriculum reform in sciences, technology, engineering, the arts, and mathematics--the STEAM subjects. Chapters emphasize the critical importance of current and emerging digital technologies in bringing STEM education up to speed and implementing changes to curricula at the classroom level. Of particular interest are the diverse ways of integrating the liberal arts into STEM course content in mutually reshaping humanities education and scientific education. This framework and its many instructive examples are geared to ensure that both educators and students can become innovative thinkers and effective problem-solvers in a knowledge-based society. Included in the coverage: Reconceptualizing a college science learning experience in the new digital era. Using mobile devices to support formal, informal, and semi-formal learning. Change of attitudes, self-concept, and team dynamics in engineering education. The language arts as foundational for science, technology, engineering, art, and mathematics. Can K-12 math teachers train students to make valid logical reasoning? Moving forward with STEAM education research. *Emerging Technologies for STEAM Education* equips educators, education researchers, administrators, and education policymakers with curricular and pedagogical strategies for making STEAM education the bedrock of accessible, relevant learning in keeping with today's digital advances.

The Intersection of International Achievement Testing and Educational Policy Louis Volante 2016-06-10

Educational systems around the world look to student assessment programs as they initiate reforms and revise educational policies to increase student achievement. This edited volume examines the intersection of international achievement testing and education policy development in key countries around the world, exploring how assessments can inform curriculum, pedagogy, strategic planning, and ultimately determine large-scale education policy and governance. Noted chapter contributors explore how educational leadership and governance issues have been influenced by assessment programs across a range of political, economic, cultural, and educational contexts. *The Intersection of International Achievement Testing and Education Policy* provides educators, academics, and policymakers with cultural insights, historical contexts, and a framework for negotiating and understanding the consequences of educational policy decisions in schools.

The Ideas Industry Daniel Drezner 2017-03-01 The public intellectual, as a person and ideal, has a long and storied history. Writing in venues like the *New Republic* and *Commentary*, such intellectuals were always expected to opine on a broad array of topics, from foreign policy to literature to economics. Yet in recent years a new kind of thinker has supplanted that archetype: the thought leader. Equipped with one big idea, thought leaders focus their energies on TED talks rather than highbrow periodicals. How did this shift happen? In *The Ideas Industry*, Daniel W. Drezner points to the roles of political polarization, heightened inequality, and eroding trust in authority as ushering in the change. In contrast to public intellectuals, thought leaders gain fame as single-idea merchants. Their ideas are often laudable and highly ambitious: ending global poverty by 2025, for example. But instead of a class composed of university professors and freelance intellectuals debating in highbrow magazines, thought leaders often

work through institutions that are closed to the public. They are more immune to criticism--and in this century, the criticism of public intellectuals also counts for less. Three equally important factors that have reshaped the world of ideas have been waning trust in expertise, increasing political polarization and plutocracy. The erosion of trust has lowered the barriers to entry in the marketplace of ideas. Thought leaders don't need doctorates or fellowships to advance their arguments. Polarization is hardly a new phenomenon in the world of ideas, but in contrast to their predecessors, today's intellectuals are more likely to enjoy the support of ideologically friendly private funders and be housed in ideologically-driven think tanks. Increasing inequality as a key driver of this shift: more than ever before, contemporary plutocrats fund intellectuals and idea factories that generate arguments that align with their own. But, while there are certainly some downsides to the contemporary ideas industry, Drezner argues that it is very good at broadcasting ideas widely and reaching large audiences of people hungry for new thinking. Both fair-minded and trenchant, *The Ideas Industry* will reshape our understanding of contemporary public intellectual life in America and the West.

Human Specialization in Design and Technology Patricia A. Young 2020-12-29 *Human Specialization in Design and Technology* explores emerging trends in learning and training—standardization, personalization, customization, and specialization—with a unique focus on innovations specific to human needs and conditions.

Analyzing evidence from current academic research as well as the popular press, this concise volume defines and examines the trajectory of instructional design and technologies toward more human-centered and specialized products, services, processes, environments, and systems. Examples from education, healthcare, business, and other sectors offer real-world demonstrations for scholars and graduate students of educational technology, instructional design, and business development. The book features insights into the future of professors, public schools, equity and access, extended technologies, open educational resources, and more, concluding with a set of concrete solutions.

Emerging Applications of Control and Systems Theory

Roberto Tempo 2018-02-24 This book celebrates Professor Mathukumalli Vidyasagar's outstanding achievements in systems, control, robotics, statistical learning, computational biology, and allied areas. The contributions in the book summarize the content of invited lectures given at the workshop "Emerging Applications of Control and Systems Theory" (EACST17) held at the University of Texas at Dallas in late September 2017 in honor of Professor Vidyasagar's seventieth birthday. These contributions are the work of twenty-eight distinguished speakers from eight countries and are related to Professor Vidyasagar's areas of research. This Festschrift volume will remain as a permanent scientific record of this event.

Five Stars Carmine Gallo 2018-06-14 From the bestselling author of *Talk Like Ted* - how to get to master the art of persuasion. 'An easy-to-read and practical journey through personal development, plus tips on structuring the storytelling that is still considered key to connecting with other people and, crucially, with customers and investors in business.' *Financial Times* (Business Book of the Month) Ideas don't sell themselves. As the forces of globalization, automation, and artificial intelligence combine to disrupt every field, having a good idea isn't good enough. Mastering the ancient art of persuasion is the key to standing out, getting ahead, and achieving greatness in the modern world. Communication is no longer a "soft" skill - it is the human edge that will make you unstoppable, irresistible, and irreplaceable - earning you that perfect rating, that fifth star. In *Five Stars*, you will

learn: -The one skill billionaire Warren Buffett says will raise your value by 50 percent. -Why your job might fall into a category where 75 percent or more of your income relies on your ability to sell your idea. -How Airbnb's founders follow a classic 3-part formula shared by successful Hollywood movies. -Why you should speak in third-grade language to persuade adult listeners. -The one brain hack Steve Jobs, Leonardo da Vinci, and Picasso used to unlock their best ideas. In *Five Stars*, Carmine Gallo, bestselling author of *Talk Like TED*, breaks down how to apply Aristotle's formula of persuasion to inspire contemporary audiences. As the nature of work changes, and technology carries things across the globe in a moment, communication skills become more valuable - not less. Gallo interviews neuroscientists, economists, historians, billionaires, and business leaders of companies like Google, Nike, and Airbnb to show first-hand how they use their words to captivate your imagination and ignite your dreams. In the knowledge age - the information economy - you are only as valuable as your ideas. *Five Stars* is a book to help you bridge the gap between mediocrity and exceptionalism, and gain your competitive edge in the age of automation.

Eurasian Economic Perspectives Mehmet Huseyin Bilgin 2020-06-27 This book gathers selected papers from the 28th Eurasia Business and Economics Society (EBES) Conference, held in Coventry, United Kingdom. While the theoretical and empirical papers presented cover diverse areas of economics and finance in various geographic regions, the main focus is on the latest research concerning the economics of innovation, finance and macroeconomics. The book also includes regional studies.

How Civil Wars Start Barbara F. Walter 2022-01-06 'When one of the world's leading scholars of civil war tells us that a country is on the brink of violent conflict, we should pay attention. This is an important book' Steven Levitsky and Daniel Ziblatt, authors of *How Democracies Die* Civil wars are the biggest danger to world peace today - this book shows us why they happen, and how to avoid them. Most of us don't know it, but we are living in the world's greatest era of civil wars. While violence has declined worldwide, civil wars have increased. This is a new phenomenon. With the exception of a handful of cases - the American and English civil wars, the French Revolution - historically it has been rare for people to organise and fight their governments. This has changed. Since 1946, over 250 armed conflicts have broken out around the world, a number that continues to rise. Major civil wars are now being fought in countries including Iraq, Syria and Libya. Smaller civil wars are being fought in Ukraine, India, and Malaysia. Even countries we thought could never experience another civil war - such as the USA, Sweden and Ireland - are showing signs of unrest. In *How Civil Wars Start*, acclaimed expert Barbara F. Walter, who has advised on political violence everywhere from the CIA to the U.S. Senate to the United Nations, explains the rise of civil war and the conditions that create it. As democracies across the world backslide and citizens become more polarised, civil wars will become even more widespread and last longer than they have in the past. This urgent and important book shows us a path back toward peace.

Rankings and the Reshaping of Higher Education Ellen Hazelkorn 2015-03-23 University rankings have gained popularity around the world and are now a significant factor shaping reputation. This second edition updates Ellen Hazelkorn's first comprehensive study of rankings from a global perspective, drawing in new original research and extensive analysis. It is essential reading for policymakers, managers and scholars.

Climate Futures Kum-Kum Bhavnani 2019-10-15 Approaching the issues of climate change and climate justice from a range of diverse perspectives including those of

culture, gender, indigeneity, race, and sexuality, as well as challenging colonial histories and capitalist presents, *Climate Futures* boldly addresses the apparent inevitability of climate chaos. Seeking better explanations of the underlying causes and consequences of climate change, and mapping strategies toward a better future, or at a minimum, the most likely best-case world that we can get to, this book envisions planetary social movements robust enough to spark the necessary changes needed to achieve deeply sustainable and just economic, social, and political policies and practices. Bringing together insights from interdisciplinary scholars, policymakers, creatives and activists, *Climate Futures* argues for the need to get past us-and-them divides and acknowledge how lives of creatures far and near, human and non-human, are interconnected.

Complex Dynamical Systems in Education Matthijs Koopmans 2016-02-19 This book capitalizes on the developments in dynamical systems and education by presenting some of the most recent advances in this area in seventeen non-overlapping chapters. The first half of the book discusses the conceptual framework of complex dynamical systems and its applicability to educational processes. The second half presents a set of empirical studies that illustrate the use of various research methodologies to investigate complex dynamical processes in education, and help the reader appreciate what we learn about dynamical processes in education from using these approaches.

Managing Scientific Information and Research Data Svetla Baykoucheva 2015-07-14 Innovative technologies are changing the way research is performed, preserved, and communicated. *Managing Scientific Information and Research Data* explores how these technologies are used and provides detailed analysis of the approaches and tools developed to manage scientific information and data. Following an introduction, the book is then divided into 15 chapters discussing the changes in scientific communication; new models of publishing and peer review; ethics in scientific communication; preservation of data; discovery tools; discipline-specific practices of researchers for gathering and using scientific information; academic social networks; bibliographic management tools; information literacy and the information needs of students and researchers; the involvement of academic libraries in eScience and the new opportunities it presents to librarians; and interviews with experts in scientific information and publishing. Promotes innovative technologies for creating, sharing and managing scientific content Presents new models of scientific publishing, peer review, and dissemination of information Serves as a practical guide for researchers, students, and librarians on how to discover, filter, and manage scientific information Advocates for the adoption of unique author identifiers such as ORCID and ResearchID Looks into new tools that make scientific information easy to discover and manage Shows what eScience is and why it is becoming a priority for academic libraries Demonstrates how Electronic Laboratory Notebooks can be used to record, store, share, and manage research data Shows how social media and the new area of Altmetrics increase researchers' visibility and measure attention to their research Directs to sources for datasets Provides directions on choosing and using bibliographic management tools Critically examines the metrics used to evaluate research impact Aids strategic thinking and informs decision making

The Growing Gap in Life Expectancy by Income National Academies of Sciences, Engineering, and Medicine 2015-09-17 The U.S. population is aging. Social Security projections suggest that between 2013 and 2050, the population aged 65 and over will almost double, from 45 million to 86 million. One key driver of population

aging is ongoing increases in life expectancy. Average U.S. life expectancy was 67 years for males and 73 years for females five decades ago; the averages are now 76 and 81, respectively. It has long been the case that better-educated, higher-income people enjoy longer life expectancies than less-educated, lower-income people. The causes include early life conditions, behavioral factors (such as nutrition, exercise, and smoking behaviors), stress, and access to health care services, all of which can vary across education and income. Our major entitlement programs - Medicare, Medicaid, Social Security, and Supplemental Security Income - have come to deliver disproportionately larger lifetime benefits to higher-income people because, on average, they are increasingly collecting those benefits over more years than others. This report studies the impact the growing gap in life expectancy has on the present value of lifetime benefits that people with higher or lower earnings will receive from major entitlement programs. The analysis presented in *The Growing Gap in Life Expectancy by Income* goes beyond an examination of the existing literature by providing the first comprehensive estimates of how lifetime benefits are affected by the changing distribution of life expectancy. The report also explores, from a lifetime benefit perspective, how the growing gap in longevity affects traditional policy analyses of reforms to the nation's leading entitlement programs. This in-depth analysis of the economic impacts of the longevity gap will inform debate and assist decision makers, economists, and researchers.

That's What She Said Joanne Lipman 2018-02-22 A FINANCIAL TIMES BUSINESS BOOK OF THE MONTH 'Urgently needed' Charles Duhigg, bestselling author of *THE POWER OF HABIT* and *SMARTER* 'Attention, good guys: this book is for you' Adam Grant, bestselling author of *ORIGINALS* and *OPTION B* with Sheryl Sandberg 'I know what you're thinking: 'Not another career guide-cum-manifesto, telling us to "woman up" and demand more money.' But that isn't what Lipman says. Instead, she uses data, reams of it, to expose how the system is rigged against women. She then calls for men to join the fight to make the workplace more equal' SUNDAY TIMES STYLE MAGAZINE Women spend their working lives adapting to an environment set up for men, by men: from altering the way they speak to changing the clothes they wear to power posing. But still the gender gap persists. And once you see it - women being overlooked, interrupted, their ideas credited to men - it's impossible to ignore. But it needn't be this way. Diving deep into the wide range of government initiatives, corporate experiments and social science research Joanne Lipman offers fascinating new revelations about the way men and women work culled from the Enron scandal, from brain research, from transgender scientists and from Iceland's campaign to 'feminise' an entire nation. Packed with fascinating and entertaining examples - from the woman behind the success of Tupperware to how Google reinvented its hiring process - *That's What She Said* is a rallying cry to both men and women to finally take real steps towards closing the gender gap. Previously published as *WIN WIN: When Business Works for Women, It Works for Everyone*

Principles of Economics in Context Neva Goodwin 2019-08-01 The study of economics should not be highly abstract, but closely related to real-world events. *Principles of Economics in Context* addresses this challenge, laying out the principles of micro-and macroeconomics in a manner that is thorough, up to date and relevant to students, keeping theoretical exposition close to experience. Emphasizing writing that is compelling, clear, and attractive to students, it addresses such critical concerns as ecological sustainability, distributional equity, the quality of employment, and the adequacy of living standards. Key features include: Clear explanation of basic concepts and analytical tools, with Discussion Questions at the

end of each section, encouraging immediate review of what has been read and relating the material to the students' own experience; Full complement of instructor and student support materials online, including test banks and grading through Canvas; Key terms highlighted in boldface throughout the text, and important ideas and definitions set off from the main text; A glossary at the end of the book containing all key terms, their definitions, and the number of the chapter(s) in which each was first used and defined. Updates for the second edition include: Expanded coverage of topics including inequality, financialization and debt issues, the changing nature of jobs, and sustainable development; New material on wage discrimination by race and gender; an expanded section on labor markets and immigration; Updated discussion of fiscal policy to include more recent developments such as the Trump tax cuts; New material on behavioral economics, public goods, and climate change policy; a new section on "The Economics of Renewable Energy." This new, affordable edition combines the just-released new editions of *Microeconomics in Context* and *Macroeconomics in Context* to provide an integrated full-year text covering all aspects of both micro-and macro-analysis and application, with many up-to-date examples and extensive supporting Web resources for instructors and students.

The companion website can be found at:

<http://www.bu.edu/eci/education-materials/textbooks/principles-of-economics-in-context/>

Sociology David M. Newman 2020-01-08 In *Sociology: Exploring the Architecture of Everyday Life*, David Newman shows students how to see the "unfamiliar in the familiar"—to step back and see organization and predictability in their personal experiences. Through his approachable writing style and lively personal anecdotes, the author has maintained his goal from the first edition: to write a textbook that "reads like a real book." Many adopters of this book are fans of Peter Berger's classic works, which helped introduce the idea of "social constructionism" to sociology. Newman uses the metaphors of "architecture" and "construction," to help students understand that society is not something that exists "out there," independently of themselves; it is a human creation that is planned, maintained, or altered by individuals. Using vivid prose, current examples, and recent data, the Thirteenth Edition presents a unique and thought-provoking overview of how society is constructed and experienced. Instead of surveying every subfield in sociology, the more streamlined coverage (14 chapters) focuses on the individual and society, the construction of self and society, and social inequality in the context of social structures. Give your students the SAGE Edge! SAGE Edge offers a robust online environment featuring an impressive array of free tools and resources for review, study, and further exploration, keeping both instructors and students on the cutting edge of teaching and learning. Learn more at edge.sagepub.com/newman13e.

Teaching at Its Best Linda B. Nilson 2016-07-18 The classic teaching toolbox, updated with new research and ideas *Teaching at Its Best* is the bestselling, research-based toolbox for college instructors at any level, in any higher education setting. Packed with practical guidance, proven techniques, and expert perspectives, this book helps instructors improve student learning both face-to-face and online. This new fourth edition features five new chapters on building critical thinking into course design, creating a welcoming classroom environment, helping students learn how to learn, giving

and receiving feedback, and teaching in multiple modes, along with the latest research and new questions to facilitate faculty discussion. Topics include new coverage of the flipped classroom, cutting-edge technologies, self-regulated learning, the mental processes involved in learning and memory, and more, in the accessible format and easy-to-understand style that has made this book a much-valued resource among college faculty. Good instructors are always looking for ways to improve student learning. With college classrooms becoming increasingly varied by age, ability, and experience, the need for fresh ideas and techniques has never been greater. This book provides a wealth of research-backed practices that apply across the board. Teach students practical, real-world problem solving Interpret student ratings accurately Boost motivation and help students understand how they learn Explore alternative techniques, formats, activities, and exercises Given the ever-growing body of research on student learning, faculty now have many more choices of effective teaching strategies than they used to have, along with many more ways to achieve excellence in the classroom. *Teaching at Its Best* is an invaluable toolbox for refreshing your approach, and providing the exceptional education your students deserve.

Our Social World Jeanne H. Ballantine 2016-11-30 Inspire your students to develop their sociological imaginations in *Our Social World*. Focused on deep learning rather than memorization, this book encourages readers to analyze, evaluate, and apply information about the social world; to see the connection between the world and personal events from a new perspective; and to confront sociological issues on a day-to-day basis. Organized around the "Social World Model", a conceptual framework used across chapters to see the complex links between various micro- to macro-levels of the social system, students will develop the practice of using three levels of analysis, and to view sociology as an integrated whole, rather than a set of discrete subjects.

On Unemployment Mark R. Reiff 2015-10-07 With unemployment at historically high rates that show signs of becoming structural, there is a pressing need for an in-depth exploration of this economic injustice. Unemployment is one of the problems most likely to put critical pressure on our political institutions, disrupt the social fabric of our way of life, and even threaten the continuation of liberalism itself. Despite the obvious importance of the problem of unemployment, however, there has been a curious lack of attention paid to this issue by contemporary non-Marxist political philosophers. *On Unemployment* explores the moral implications of the problem of unemployment despite the continuing uncertainty involving both its causes and its cures. Reiff takes up a series of questions about the nature of unemployment and what justice has to tell us about what we should do, if anything, to alleviate it. The book comprehensively discusses the related theory and suggests how we might implement these more general observations in the real world. It addresses the politics of unemployment and the extent to which opposition to some or all of the book's various proposals stem not from empirical disagreements about the best solutions, but from more basic moral disagreements about whether the reduction of unemployment is indeed an appropriate moral goal. This exciting new text will be essential for scholars and readers across business, economics, and finance, as well as politics, philosophy, and sociology.