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Stable Isotopes in Ecology and Environmental Science Robert Michener 2008-04-15 This book highlights new and emerging uses of stable isotope analysis in a variety of ecological disciplines. While the use of natural abundance isotopes in ecological research is now relatively standard, new techniques and ways of interpreting patterns are developing rapidly. The second edition of this book provides a thorough, up-to-date examination of these methods of research. As part of the Ecological Methods and Concepts series which provides the latest information on experimental techniques in ecology, this book looks at a wide range of techniques that use natural abundance isotopes to: follow whole ecosystem element cycling understand processes of soil organic matter formation follow the movement of water in whole watersheds understand the effects of pollution in both terrestrial and aquatic environments study extreme systems such as hydrothermal vents follow migrating organisms In each case, the book explains the background to the methodology, looks at the underlying principles and assumptions, and outlines the potential limitations and pitfalls. *Stable Isotopes in Ecology and Environmental Science* is an ideal resource for both ecologists who are new to isotopic analysis, and more experienced isotope ecologists interested in innovative techniques and pioneering new uses.

Mr.CEO's Beloved Wife Yan Qi 2020-07-15 On the day of her wedding, she had been set up for

adultery. Her reputation had been completely ruined, and she had left the house in disgrace. Four years later, she returned with her son! That domineering CEO suddenly wanted to be her child's father. "The son is mine! Don't even think about snatching it away!" Angry, she hugged her son and tried to run. The man blocked her way with a smile, "I won't snatch, your son is yours, you are mine ..." ☒

Faculty Health in Academic Medicine Thomas Cole 2009-01-06 In the 21st century, academic medical centers across the United States continue to make scientific breakthroughs, to make improvements in patient care, and to provide the most advanced information and guidance in matters affecting public health. The signs of growth are everywhere—in new research buildings, new partnerships with industry, new forms of molecular medicine, and new sensitivity to the role of the human spirit in healing. This growth is due in large part to the dedication and productivity of our faculty, who are providing more patient care, more research, more teaching, and more community service than ever before. Today, there are roughly 135,000 physicians, scientists, and other faculty working at approximately 125 academic medical centers around the country. Increasingly, they are asked to do more with less. Since the 1990s, academic medical centers in the United States have lost the financial margin they once enjoyed, thereby putting new pressures on research, education, and clinical care.

Medical school faculty, previously given funded time for teaching and research, are increasingly drafted to bring in clinical revenues to cover their salaries. Dedicated to the missions of research, teaching, and care, our faculty have responded well to these challenges and perform at a very high level. However, we are beginning to see the results of ongoing stress.

Astrobiology Octavio A. Chon Torres 2021-11-02 Astrobiology is an exploding discipline in which not only the natural sciences, but also the social sciences and humanities converge. *Astrobiology: Science, Ethics and Public Policy* is a multidisciplinary book that presents different perspectives and points of view by its contributing specialists. Epistemological, moral and political issues arising from astrobiology, convey the complexity of challenges posed by the search for life elsewhere in the universe. We ask: if a convoy of colonists from Earth make the trip to Mars, should their genomes be edited to adapt to the Red Planet's environment? If scientists discover a biosphere with microbial life within our solar system, will it possess intrinsic value or merely utilitarian value? If astronomers discover an intelligent civilization on an exoplanet elsewhere in the Milky Way, what would be humanity's moral responsibility: to protect Earth from an existential threat? To treat other intelligences with dignity? To exploit through interstellar commerce? To conquer?

Interstellar Turbulence Jose Franco 1999-05-28 This timely volume presents a series of review articles covering every aspect of interstellar turbulence--from accretion disks, molecular clouds, atomic and ionized media, through to spiral galaxies - based on a major international conference held in Mexico City. With advances in observational techniques and the development of more efficient computer codes and faster computers, research in this area has made spectacular progress in recent years. This book provides a comprehensive overview of the most important developments in observing and modelling turbulent flows in the cosmos. It provides

graduate student and researchers with a state-of-the-art summary of observational, theoretical and computational research in interstellar turbulence.

The Urban Lawyer 2006 The national quarterly on local government law.

The Conversion to Sustainable Agriculture Stephen R. Gliessman 2009-12-21 With all of the environmental and social problems confronting our food systems today, it is apparent that none of the strategies we have relied on in the past—higher-yielding varieties, increased irrigation, inorganic fertilizers, pest damage reduction—can be counted on to come to the rescue. In fact, these solutions are now part of the problem. It is becoming quite clear that the only way to keep the food crisis from escalating is to promote the conversion processes that will move agriculture to sustainability. Under the editorial guidance of agroecology experts Martha Rosemeyer and the internationally renowned Dr. Stephen R. Gliessman, *The Conversion to Sustainable Agriculture: Principles, Processes, and Practices* establishes a framework for how this conversion can be accomplished and presents case studies from around the world that illustrate how the process is already underway. The book provides a four-stage transition process for achieving sustainability and an in-depth analysis of the global efforts to make farms more energy-efficient and environmentally friendly. An international team of chapter contributors explores ways to lessen dependency on fossil fuels and pesticides, and examines each step in the conversion process. They also describe the process of monitoring change toward sustainable agriculture while integrating social and economic analysis within scientific practices. Serving as both a core textbook for students and a comprehensive reference for agricultural practitioners, this volume is a valuable resource for the change that is needed in our food system now and in the future.

Transforming Research Methods in the Social Sciences Angelo Flynn 2019-03-01 Social science researchers in the global South, and in South Africa

particularly, utilise research methods in innovative ways in order to respond to contexts characterised by diversity, racial and political tensions, socioeconomic disparities and gender inequalities. These methods often remain undocumented – a gap that this book starts to address. Written by experts from various methodological fields, *Transforming Research Methods in the Social Sciences* is a comprehensive collation of original essays and cutting-edge research that demonstrates the variety of novel techniques and research methods available to researchers responding to these context-bound issues. It is particularly relevant for study and research in the fields of applied psychology, sociology, ethnography, biography and anthropology. In addition to their unique combination of conceptual and application issues, the chapters also include discussions on ethical considerations relevant to the method in similar global South contexts. *Transforming Research Methods in the Social Sciences* has much to offer to researchers, professionals and others involved in social science research both locally and internationally.

Introduction to the Environmental Humanities J. Andrew Hubbell 2021-09-15 In an era of climate change, deforestation, melting ice caps, poisoned environments, and species loss, many people are turning to the power of the arts and humanities for sustainable solutions to global ecological problems. *Introduction to the Environmental Humanities* offers a practical and accessible guide to this dynamic and interdisciplinary field. This book provides an overview of the Environmental Humanities' evolution from the activist movements of the early and mid-twentieth century to more recent debates over climate change, sustainability, energy policy, and habitat degradation in the Anthropocene era. The text introduces readers to seminal writings, artworks, campaigns, and movements while demystifying important terms such as the Anthropocene, environmental justice, nature, ecosystem, ecology, posthuman, and non-

human. Emerging theoretical areas such as critical animal and plant studies, gender and queer studies, Indigenous studies, and energy studies are also presented. Organized by discipline, the book explores the role that the arts and humanities play in the future of the planet. Including case studies, discussion questions, annotated bibliographies, and links to online resources, this book offers a comprehensive and engaging overview of the Environmental Humanities for introductory readers. For more advanced readers, it serves as a foundation for future study, projects, or professional development.

Fermented Milks Adnan Y. Tamime 2008-04-15 Highly profitable and an important range of products within the dairy industry worldwide, the economic importance of fermented milks continues to grow. Technological developments have led to a wider range of products and increased popularity with consumers. In the second book to feature in the SDT series *Fermented Milks* reviews the properties and manufacturing methods associated with products such as yoghurt, buttermilk, kefir, koumiss milk-based fermented beverages and many other examples from around the globe, offering the reader: A practically-oriented and user-friendly guide Key commercially important information Coverage of all the major stages of manufacture Background to each product Edited by Adnan Tamime, with contributions from international authors and full of core commercially useful information for the dairy industry, this book is an essential title for dairy scientists, dairy technologists and nutritionists worldwide.

Turbulence in Magnetohydrodynamics Andrey Beresnyak 2019-07-08 Magnetohydrodynamics describes dynamics in electrically conductive fluids. These occur in our environment as well as in our atmosphere and magnetosphere, and play a role in the sun's interaction with our planet. In most cases these phenomena involve turbulences, and thus are very challenging to understand and calculate. A sound knowledge is needed to tackle these

problems. This work gives the basic information on turbulence in nature, containing the needed equations, notions and numerical simulations. The current state of our knowledge and future implications of MHD turbulence are outlined systematically. It is indispensable for all scientists engaged in research of our atmosphere and in space science.

Big-Time Sports in American Universities Charles T. Clotfelter 2019-02-21 For almost a century, big-time college athletics has been a wildly popular but consistently problematic part of American higher education. The challenges it poses to traditional academic values have been recognized from the start, but they have grown more ominous in recent decades, as cable television has become ubiquitous, commercial opportunities have proliferated, and athletic budgets have ballooned. In the second edition of his influential book *Big-Time Sports in American Universities*, Clotfelter continues to examine the role of athletics in American universities, building on his argument that commercial sports have become a core function of the universities that engage in them. Drawing on recent scandals on large-scale college campuses and updates on several high-profile court cases, Clotfelter brings clear economic analysis to the variety of problems that sports raise for university and public policy, providing the basis for the continuation of constructive conversations about the value of big-time sports in higher education.

The Bitch is Back Sarah Appleton Aguiar 2001 When she wrote *The Robber Bride*, Margaret Atwood created a really villainous villain who happened to be a woman, partly in reaction to the fact that in Western literature the most meaty, wicked, and therefore interesting parts always seemed to go to male characters. Aguiar (English, Murray State U.) cites the beacon shone by Atwood in introducing her study, which discusses the dawning in contemporary literature of "the season of the bitch": a re-evaluation and reclaiming of female toughness, thorniness, and just plain badness

in which women characters are also portrayed as more complete, possessed of motivations, and strongly individual. Annotation copyrighted by Book News Inc., Portland, OR

Encyclopedia of Mathematics Education Stephen Lerman 2020-02-07 The *Encyclopedia of Mathematics Education* is a comprehensive reference text, covering every topic in the field with entries ranging from short descriptions to much longer pieces where the topic warrants more elaboration. The entries provide access to theories and to research in the area and refer to the leading publications for further reading. The *Encyclopedia* is aimed at graduate students, researchers, curriculum developers, policy makers, and others with interests in the field of mathematics education. It is planned to be 700 pages in length in its hard copy form but the text will subsequently be updated and developed on-line in a way that retains the integrity of the ideas, the responsibility for which will be in the hands of the Editor-in-Chief and the Editorial Board. This second edition will include additional entries on: new ideas in the politics of mathematics education, working with minority students, mathematics and art, other cross-disciplinary studies, studies in emotions and mathematics, new frameworks for analysis of mathematics classrooms, and using simulations in mathematics teacher education. Existing entries will be revised and new entries written. Members of the international mathematics education research community will be invited to propose new entries. Editorial Board: Bharath Sriraman Melony Graven Yoshinori Shimizu Ruhama Even Michele Artigue Eva Jablonka Wish to Become an Author? Springer's *Encyclopedia of Mathematics Education's* first edition was published in 2014. The *Encyclopedia* is a "living" project and will continue to accept articles online as part of an eventual second edition. Articles will be peer-reviewed in a timely manner and, if found acceptable, will be immediately published online. Suggested articles are, of course, welcome. Feel encouraged to think

about additional topics that we overlooked the first time around, and to suggest colleagues (including yourself!) who will want to write them. Interested new authors should contact the editor in chief, Stephen Lerman, at lermans@lsbu.ac.uk, for more specific instructions.

Principles of Effective Online Teaching Nicole A. Buzzetto-More 2007-01-01

Why Choose the Liberal Arts? Mark William Roche 2010-08-20 In a world where the value of a liberal arts education is no longer taken for granted, Mark William Roche lucidly and passionately argues for its essential importance. Drawing on more than thirty years of experience in higher education as a student, faculty member, and administrator, Roche deftly connects the broad theoretical perspective of educators to the practical needs and questions of students and their parents. Roche develops three overlapping arguments for a strong liberal arts education: first, the intrinsic value of learning for its own sake, including exploration of the profound questions that give meaning to life; second, the cultivation of intellectual virtues necessary for success beyond the academy; and third, the formative influence of the liberal arts on character and on the development of a sense of higher purpose and vocation. Together with his exploration of these three values—intrinsic, practical, and idealistic—Roche reflects on ways to integrate them, interweaving empirical data with personal experience. *Why Choose the Liberal Arts?* is an accessible and thought-provoking work of interest to students, parents, and administrators.

Regulatory Restructuring United States. Congress. House. Committee on Financial Services 2009

The Bariatric Bible CAROL. BOWEN BALL 2019-04-30 This comprehensive guide offers advice on the types of surgery on offer and highlights the many diets that are required prior to surgery. Its main focus is on advice and recipes for after surgery to help the post-op patient maximise their best chance of long-term success with weight-loss and better health.

School Leadership that Works Robert J. Marzano 2005 Describes a variety of leadership responsibilities that have an effect on student achievement.

Improving Interagency Collaboration, Innovation and Learning in Criminal Justice Systems Sarah Hean 2021-08-03 This Open Access edited collection seeks to improve collaboration between criminal justice and welfare services in order to help prepare offenders for life after serving a prison sentence. It examines the potential tensions between criminal justice agencies and other organisations which are involved in the rehabilitation and reintegration of offenders, most notably those engaged in mental health care or third sector organisations. It then suggests a variety of different methods and approaches to help to overcome such tensions and promote inter-agency collaboration and co-working, drawing on emerging research and models, with a focus on the practice in European and Scandinavian countries. For academics and practitioners working in prisons and the penal system, this collection will be invaluable.

Bioeconomics of Invasive Species Reuben P. Keller 2009-04-22 Biological invasions are one of the strongest drivers of global environmental change, and invasive species are now often in the public discourse. At the same time, economists have begun to take a real interest in determining how invasive species interact with economic systems, and how invaders should be controlled to optimize societal wealth. Although the work from ecologists and economists have both greatly expanded our understanding of the drivers and impacts of invasions, little integration between the fields has occurred that would allow managers and policy-makers to identify the optimal expenditures on, for example, prevention and control of invasive species. Because the level of effort expended on invasive species management is intricately linked to the costs and projected benefits of that management, there is an urgent need for greater synthesis between ecology and economics. This book brings ecology

and economics together in new ways to address how we deal with the dynamics and impacts of invasive species, and is the outcome of many years of collaborative research between a small group of economists and ecologists. The outcome is clear demonstration of the utility of combining ecological and economic models for addressing critical questions in the management of invasive species.

Universal Design in Higher Education Sheryl E. Burgstahler 2010-01-01 *Universal Design in Higher Education* looks at the design of physical and technological environments at institutions of higher education; at issues pertaining to curriculum and instruction; and at the full array of student services. *Universal Design in Higher Education* is a comprehensive guide for researchers and practitioners on creating fully accessible college and university programs. It is founded upon, and contributes to, theories of universal design in education that have been gaining increasingly wide attention in recent years. As greater numbers of students with disabilities attend postsecondary educational institutions, administrators have expressed increased interest in making their programs accessible to all students. This book provides both theoretical and practical guidance for schools as they work to turn this admirable goal into a reality. It addresses a comprehensive range of topics on universal design for higher education institutions, thus making a crucial contribution to the growing body of literature on special education and universal design. This book will be of unique value to university and college administrators, and to special education researchers, practitioners, and activists.

Injury Impoverished Nate Holdren 2020-04-30 Combining archival research, critical theory, and gender- and disability-analysis, Nate Holdren argues that Progressive Era reform to employee injury law created new employment discrimination against disabled people and a new injury culture that treated employees and their injuries instrumentally.

Geoethics G. Di Capua 2021-06-08 This is the second volume focused on geoethics published by the Geological Society of London. This is a significant step forward in which authors address the maturation of geoethics. The field of geoethics is now ready to be introduced outside the geoscience community as a logical platform for global ethics that addresses anthropogenic changes. Geoethics has a distinction in the geoscientific community for discussing ethical, social and cultural implications of geoscience knowledge, research, practice, education and communication. This provides a common ground for confronting ideas, experiences and proposals on how geosciences can supply additional service to society in order to improve the way humans interact responsibly with the Earth system. This book provides new messages to geoscientists, social scientists, intellectuals, law- and decision-makers, and laypeople. Motivations and actions for facing global anthropogenic changes and their intense impacts on the planet need to be governed by an ethical framework capable of merging a solid conceptual structure with pragmatic approaches based on geoscientific knowledge. This philosophy defines geoethics.

Intrinsic and Extrinsic Motivation Carol Sansone 2000-09-12 In understanding human behavior, psychologists have long been interested in what motivates specific actions. Debates have pitted extrinsic motivators (e.g. rewards/punishment) against intrinsic motivation in attempting to determine what best motivates individuals. This book provides a summary view of what research has determined about both extrinsic and intrinsic motivation, and clarifies what questions remain unanswered. Divided into three sections, section I revisits the debate about the effects of extrinsic incentives or constraints on intrinsic motivation and creativity, and identifies theoretical advances in motivational research. Section II focuses on the hidden costs and benefits of different types of achievement goals on motivation and performance. Section III discusses theory and research findings on

how extrinsic and intrinsic motivators may work in everyday life and over time. This book is of interest to researchers in psychology, education, and business, as well as to a wider audience interested in promoting optimal motivation and performance. Coverage in this book includes: * Debates and controversies in motivational research * Developmental nature of intrinsic and extrinsic motivation over time * Influences of parents, educators, and employers in facilitating motivation * Effect of achievement goals on learning and performance * The role of intrinsic and extrinsic motivation in self-regulation Key Features * Brings together major figures in the fields of motivation, education, and social psychology * Provides a mix of theory, basic and applied research * Presents research conducted both in laboratories and educational settings * Comprehensive chapters provide excellent reviews of previous literature as well as outlines important new directions *

Provides different perspectives on controversial debates in a balanced, constructive manner

Multi-scale Dynamical Processes in Space and Astrophysical Plasmas Manfred P. Leubner

2012-08-01 Magnetized plasmas in the universe exhibit complex dynamical behavior over a huge range of scales. The fundamental mechanisms of energy transport, redistribution and conversion occur at multiple scales. The driving mechanisms often include energy accumulation, free-energy-excited relaxation processes, dissipation and self-organization. The plasma processes associated with energy conversion, transport and self-organization, such as magnetic reconnection, instabilities, linear and nonlinear waves, wave-particle interactions, dynamo processes, turbulence, heating, diffusion and convection represent fundamental physical effects. They demonstrate similar dynamical behavior in near-Earth space, on the Sun, in the heliosphere and in astrophysical environments. 'Multi-scale Dynamical Processes in Space and Astrophysical Plasmas' presents the proceedings of the International Astrophysics Forum Alpbach 2011.

The contributions discuss the latest advances in the exploration of dynamical behavior in space plasmas environments, including comprehensive approaches to theoretical, experimental and numerical aspects. The book will appeal to researchers and students in the fields of physics, space and astrophysics, solar physics, geophysics and planetary science.

Historical Climate Variability and Impacts in North America Lesley-Ann Dupigny-Giroux 2009-09-18

Climatologists with an eye on the past have any number of sources for their work, from personal diaries to weather station reports. Piecing together the trajectory of a weather event can thus be a painstaking process taking years and involving real detective work. Missing pieces of a climate puzzle can come from very far afield, often in unlikely places. In this book, a series of case studies examine specific regions across North America, using instrumental and documentary data from the 17th to the 19th centuries. Extreme weather events such as the Sitka hurricane of 1880 are recounted in detail, while the chapters also cover more widespread phenomena such as the collapse of the Low Country rice culture. The book also looks at the role of weather station histories in complementing the instrumental record, and sets out the methods that involve early instrumental and documentary climate data. Finally, the book's focus on North America reflects the fact that the historical climate community there has only grown relatively recently. Up to now, most such studies have focused on Europe and Asia. The four sections begin with regional case studies, and move on to reconstruct extreme events and parameters. This is followed by the role of station history and, lastly, methodologies and other analyses. The editors' aim has been to produce a volume that would be instrumental in molding the next generation of historical climatologists. They designed this book for use by general researchers as well as in upper-level undergraduate or graduate level courses.

Student Engagement Techniques Elizabeth F.

Barkley 2009-10-06 Keeping students involved,

motivated, and actively learning is challenging educators across the country, yet good advice on how to accomplish this has not been readily available. *Student Engagement Techniques* is a comprehensive resource that offers college teachers a dynamic model for engaging students and includes over one hundred tips, strategies, and techniques that have been proven to help teachers from a wide variety of disciplines and institutions motivate and connect with their students. The ready-to-use format shows how to apply each of the book's techniques in the classroom and includes purpose, preparation, procedures, examples, online implementation, variations and extensions, observations and advice, and key resources. "Given the current and welcome surge of interest in improving student learning and success, this guide is a timely and important tool, sharply focused on practical strategies that can really matter." ?Kay McClenney, director, Center for Community College Student Engagement, Community College Leadership Program, the University of Texas at Austin "This book is a 'must' for every new faculty orientation program; it not only emphasizes the importance of concentrating on what students learn but provides clear steps to prepare and execute an engagement technique. Faculty looking for ideas to heighten student engagement in their courses will find useful techniques that can be adopted, adapted, extended, or modified." ?Bob Smallwood, cocreator of CLASSE (Classroom Survey of Student Engagement) and assistant to the provost for assessment, Office of Institutional Effectiveness, University of Alabama "Elizabeth Barkley's encyclopedia of active learning techniques (here called SETs) combines both a solid discussion of the research on learning that supports the concept of engagement and real-life examples of these approaches to teaching in action." ?James Rhem, executive editor, The National Teaching & Learning Forum

The Encyclopedia of Farm Animal Nutrition M. F. Fuller 2004 Embracing a wide range of disciplines,

including physiology, biochemistry, veterinary medicine and feed technology, this book covers every type of farm animal found in both developing and developed countries, including cattle, sheep, pigs, chickens, goats, horses, fish, deer, buffaloes, rabbits and camelids, as well as ducks, turkeys, ostriches and other birds. The encyclopedia contains approximately 2000 entries from 90 contributors. These entries range from short definitions to more discursive articles, all entries are fully cross-referenced to aid further research.

[Did Westward Subduction Cause Cretaceous-Tertiary Orogeny in the North American Cordillera?](#) Robert S. Hildebrand 2009-01-01 Within the Sonora segment to the south, break-off magmatism was also prevalent. Both the Canadian and Sonoran segments have abundant porphyry copper mineralization temporally and spatially associated with the break-off magmas, which suggests a genetic link between slab failure and porphyry copper mineralization. By 53 Ma, eastwardly dipping subduction of Pacific Ocean crust was generating arc magmatism on the amalgamated Cordilleran collision zone in both the Canadian and Sonoran segments. Oceanic schists, such as the Orocochia-Pelona-Rand, were formed in the ocean basin west of Rubia and accreted during initiation of the new easterly dipping subduction zone. A major transform fault, called the Phoenix fault, connects the Sevier fold-thrust belt at the California-Nevada border with that in eastern Mexico and separates the Great Basin and Sonoran segments. It juxtaposes the Sierra-Mojave-Sonora block alongside the Transition Zone of the Colorado Plateau. Cordilleran events affected the subsequent development of western North America. For example, the structural Basin and Range Province appears to coincide with the region where exotic allochthons sit atop North American crust in both the Great Basin and Sonoran segments. Also, within the triangular Columbia embayment, large segments of Rubia appear to have escaped laterally during the Cordilleran orogeny to create a

lithospheric "hole" that was later filled by basalt of the Columbia River and Modoc plateaux.

The Best Candidate Eugene D. Mazo 2020-09-17

Leading scholars examine the law governing the American presidential nomination process and offer practical ideas for reform.

Graduate STEM Education for the 21st Century

National Academies of Sciences, Engineering, and Medicine 2018-09-21 The U.S. system of graduate education in science, technology, engineering, and mathematics (STEM) has served the nation and its science and engineering enterprise extremely well.

Over the course of their education, graduate students become involved in advancing the frontiers of discovery, as well as in making significant contributions to the growth of the U.S. economy, its national security, and the health and well-being of its people. However, continuous, dramatic innovations in research methods and technologies, changes in the nature and availability of work, shifts in demographics, and expansions in the scope of occupations needing STEM expertise raise questions about how well the current STEM graduate education system is meeting the full array of 21st century needs. Indeed, recent surveys of employers and graduates and studies of graduate education suggest that many graduate programs do not adequately prepare students to translate their knowledge into impact in multiple careers.

Graduate STEM Education for the 21st Century examines the current state of U.S. graduate STEM education. This report explores how the system might best respond to ongoing developments in the conduct of research on evidence-based teaching practices and in the needs and interests of its students and the broader society it seeks to serve.

This will be an essential resource for the primary stakeholders in the U.S. STEM enterprise, including federal and state policymakers, public and private funders, institutions of higher education, their administrators and faculty, leaders in business and industry, and the students the system is intended to educate.

Educating Citizens Anne Colby 2003-06-17

Educating Citizens reports on how some American colleges and universities are preparing thoughtful, committed, and socially responsible graduates. Many institutions assert these ambitions, but too few act on them. The authors demonstrate the fundamental importance of moral and civic education, describe how the historical and contemporary landscapes of higher education have shaped it, and explain the educational and developmental goals and processes involved in educating citizens. They examine the challenges colleges and universities face when they dedicate themselves to this vital task and present concrete ways to overcome those challenges.

Funding for United States Study Institute of

International Education (New York, N.Y.) 1996

Techniques for Teaching Law 2 Gerald F. Hess

2011 Designed for law teachers who want to improve their teaching and students' learning, this book offers general teaching principles and dozens of concrete ideas. The first two chapters present foundational principles of learning and instruction as well as insights from students. The next 12 chapters address classroom dynamics, technology, questioning, discussion, collaborative learning, experiential learning, feedback, assessment, and continued development for teachers. Each of these 12 chapters introduces the topic based on educational research and then offers classroom-tested exercises, approaches, material, and methods contributed by veteran teachers. The co-authors/editors, Gerald Hess (Gonzaga), Steven Friedland (Elon), Michael Hunter Schwartz (Washburn), and Sophie Sparrow (New Hampshire) are experts in legal education pedagogy. *Techniques for Teaching Law 2* retains the format of the first volume, but introduces new content and new ideas that instructors of any level and background will find useful.

Building a Sustainable Business 2003

Essentials of Understanding Abnormal Behavior

David Sue 2016-01-01 ESSENTIALS OF UNDERSTANDING ABNORMAL BEHAVIOR, 3rd Edition offers the same multidimensional focus,

multicultural emphasis, topical coverage, and engaging style as its comprehensive counterpart -- UNDERSTANDING ABNORMAL BEHAVIOR -- in a condensed, student-friendly format. Updated to reflect DSM-5 and the newest scientific, psychological, multicultural, and psychiatric research, the text introduces and integrates the Multipath Model of Mental Disorders to explain how biological, psychological, social, and sociocultural factors interact to cause mental disorders. A focus on resilience highlights prevention and recovery from the symptoms of various disorders, and the book also continues its emphasis on the multicultural, sociocultural, and diversity aspects of abnormal psychology. The authors present material in a lively and engaging manner, connecting topics to real-world case studies, current events, and issues of particular importance and relevance to college students. Important Notice: Media content referenced within the product description or the product text may not be available

in the ebook version.

Redesigning Rice Photosynthesis to Increase Yield

J. E. Sheehy 2000

After Latin American Studies Shirley A. Kregar 1995

The Reflexivity of Pain and Privilege Ellis Hurd

2019-01-17 The Reflexivity of Pain and Privilege

offers a fresh and critical perspective to people of indigenous and/or marginalized identifications. It highlights the research, shared experiences and personal stories, and the artistic collections of those who are of mixed heritage and/or identity, as well as the perspectives of young adolescents who identify as being of mixed racial, socio-economic, linguistic, and ethno-cultural backgrounds and experiences. These auto-ethnographic collections serve as an impetus for the untold stories of millions of marginalized people who may find solace here and in the stories of others who are of mixed identity.