This seminar focuses on recent achievements and new goals of nuclear structure in both experiment and theory. Several topics at the forefront of current research in this field are covered by major experts. The main themes are: exotic nuclei; the present role and perspectives of the shell model; modes of excitation in deformed and superdeformed nuclei; and nuclear astrophysics.

The way we tell stories influences how others react to our emotions, and impacts how we cope with emotions ourselves.

The book is the culmination of a research effort which spanned all continents and involved a large number of research teams from both the industrialised and developing countries. The book addresses a number of key issues related to technology transfer by small and medium-sized enterprises most especially whether such companies are more effective transferors than larger transnational corporations. A key aspect of the research was the fact that firms in source and host countries were matched to assure a degree of consistency in the firm coverage and their responses.

The COVID-19 pandemic shook the world to its core. After a brief pause, organizations of all kinds had to adapt to the new circumstances given to them with very little time. The presence of the pandemic caused multiple threats that caused several disruptions to the norms, beliefs, and practices in various domains of everyday life. Both from macro and micro perspectives, individuals, households, markets, institutions, and governments developed strategies to respond to the new environment—responses that hope to eliminate or at least decrease the threats of the COVID-19 pandemic. The Handbook of Research on Interdisciplinary Perspectives on the Threats and Impacts of Pandemics explores the COVID-19 pandemic from an interdisciplinary perspective and determines how future pandemics may impact society. Beginning as a health threat, the pandemic has led the way to economic, social, psychological, political, and informational crises necessitating the examination of the phenomenon from different academic disciplines. Covering topics such as distance education, human security, and predictions, this handbook of research is an essential resource for scholars, managers, media representatives, governors, health officials, government officials, policymakers, students, professors, researchers, and academicians.
This book has two primary goals. On the level of theory development, the book clarifies the nature of an emerging "models and modeling perspective" about teaching, learning, and problem solving in mathematics and science education. On the level of emphasizing practical problems, it clarifies the nature of some of the most important elementary-but-powerful mathematical or scientific understandings and abilities that Americans are likely to need as foundations for success in the present and future technology-based information age. Beyond Constructivism: Models and Modeling Perspectives on Mathematics Problem Solving, Learning, and Teaching features an innovative Web site housing online appendices for each chapter, designed to supplement the print chapters with digital resources that include example problems, relevant research tools and video clips, as well as transcripts and other samples of students' work:
http://tctc.soe.purdue.edu/booksULandULjournals/modelsULandUL modeling/ This is an essential volume for graduate-level courses in mathematics and science education, cognition and learning, and critical and creative thinking, as well as a valuable resource for researchers and practitioners in these areas.

The current volume focuses on behavioral similarities and differences within individual animals, larger populations, and species as a whole. Research from ecological, social ontogenetic, physiological, and other perspectives is presented to explicate specific behaviors, as well as to provide a more profound understanding of how behavior work influences thought about evolutionary processes.

An authoritative, topical, and comprehensive reference to the keyconcepts and most important traditional and contemporary issues in medical sociology. Contains 35 chapters by recognized experts in the field, bothestablished and rising young scholars Covers standard topics in the field as well as new and engagingissues such as bioterrorism, bioethics, and infectious disease Chapters are thematically arranged to cover the major issues ofthe sub-discipline Global range of contributors and an internationalperspective

One of the most significant developments in archaeology in recent years is the emergence of its environmental branch: the study of humans' interactions with their natural surroundings over long periods and of organic remains instead of the artifacts and household items generally associated with sites. With the current attention paid to human responsibility for environmental change, this innovative field is recognized by scientists, conservation and heritage managers and policymakers worldwide. In this context comes Environmental Archaeology by Elizabeth Reitz and Myra Shackley, updating the seminal 1981 text Environmental Archaeology by Myra Shackley. Rigorously detailed yet concise and accessible, this volume surveys the complex and technical field of environmental archaeology for researchers interested in the causes, consequences and potential future impact of environmental change and archaeology. Its coverage acknowledges the multiple disciplines involved in the field, expanding the possibilities for using environmental data from archaeological sites in enriching related disciplines and improving communication among them. Introductory chapters explain the processes involved in the formation of sites, introduce research designs and field methods and walk the reader through biological classifications before focusing on the various levels of biotic and abiotic materials found at sites, including: Sediments and soils. Viruses, bacteria, archaea, protists and fungi. Bryophytes and vascular plants. Wood, charcoal, stems, leaves and roots. Spores, pollen and other microbotanical remains. Arthropods, molluscs, echinoderms and vertebrates. Stable isotopes, elements and biomolecules. The updated Environmental Archaeology is a major addition to the resource library of archaeologists, environmentalists, historians, researchers, policymakers—anyone involved in studying, managing or preserving historical sites. The updated Environmental Archaeology is a major addition to the resource library of archaeologists, environmentalists, historians, researchers, policymakers—anyone involved in studying, managing, or preserving historical sites.

Henry R. Nau's bestselling book Perspectives on International Relations is admired for its even-handed presentation of realism, liberalism, constructivism, and critical theory—and for expertly applying those perspectives in every chapter. Students focus on the ways the different perspectives shape our understanding of the root causes of historical events and current controversies in world affairs, and learn to think critically about the world's most urgent issues. In the new fifth edition, updates include the rise of ISIS, new developments in Russia, China and the Middle East, ongoing environmental concerns and more. Instructors will find a new "primer" for students on how to learn to identify the perspectives and levels of analysis in the introduction and chapter one.
Since its third edition in 1980, the Diagnostic and Statistical Manual of Mental Disorders (DSM) of the American Psychiatric Association has acquired a hegemonic role in the health care professions and has had a broad impact on the lay public. The publication in May 2013 of its fifth edition, the DSM-5, marked the latest milestone in the history of the DSM and of American psychiatry. In The DSM-5 in Perspective: Philosophical Reflections on the Psychiatric Babel, experts in the philosophy of psychiatry propose original essays that explore the main issues related to the DSM-5, such as the still weak validity and reliability of the classification, the scientific status of its revision process, the several cultural, gender and sexist biases that are apparent in the criteria, the comorbidity issue and the categorical vs. dimensional debate. For several decades the DSM has been nicknamed “The Psychiatric Bible.” This volume would like to suggest another biblical metaphor: the Tower of Babel. Altogether, the essays in this volume describe the DSM as an imperfect and unachievable monument – a monument that was originally built to celebrate the new unity of clinical psychiatric discourse, but that ended up creating, as a result of its hubris, ever more profound practical divisions and theoretical difficulties.

This volume is a result of four days in July 2005, where historians, health economists, medical doctors and nurses, anthropologists, writers, sociologists and many more travelled to Oxford, England for the fourth annual ‘Making Sense of Health, Illness and Disease’ conference organised by Inter-Disciplinary.Net.

Without a thorough understanding of culture and its nuances on part of the mental health service providers, alienation, stigma, and culturally based impediments rule. While concerns for diversity have been raised on numerous occasions, with increasing frequency over the past four decades, little progress has been made in implementing such concerns in clinical practice. Over two-thirds of Americans receive treatment for depression, anxiety, substance abuse, and related disorders. Comorbidity is rarely diagnosed. These trends are greatly exacerbated among members of ethnic, cultural, and linguistic minority groups. The authors contributing to this volume share their clinical acumen and experiences, rooted in their evidence-based research. Their purpose is to bring issues attending assessment and treatment of ethnic minority clientele closer to the fore. Some of the leading authors on the topic, in psychology and social work, present their well earned clinical and research experiences in this volume. Case studies are presented which are instructive and intriguing, bringing together the richness of a multidisciplinary approach to the topic.


Bridging the divide between social and natural sciences, the contributors to this book use a holistic perspective to explore the relationships between humans and their environment. Exploring short- and long-term local and global change, eighteen specialists in anthropology, geography, history, ethnobiology, and related disciplines present new perspectives on historical ecology. The contributors focus on traditional societies where lands are most at risk from the incursions of complex, state-level societies.

Rather than simply outlining the classical and modern theories of learning, this widely adopted text brings the material to life through
case studies that engage students in debates about what really happens in classrooms. Students are encouraged to test the strengths and weaknesses of each theory so that, ultimately, they will learn to formulate their own philosophies of teaching and learning. The new Fifth Edition of Perspectives on Learning features: A discussion of common sense and learning theories. A new chapter on Transfer of Learning. Consideration of recent developments in brain science. A thoroughly updated list of Recommendations for Further Reading. Perspectives on Learning is one of the five books in the highly regarded Teachers College Press Thinking About Education Series, now in its Fifth Edition. All of the books in this series are designed to help pre- and in-service teachers bridge the gap between theory and practice. D. C. Phillips is Professor of Education and Philosophy Emeritus, School of Education at Stanford University. Jonas F. Soltis is William Heard Kilpatrick Professor Emeritus of Philosophy and Education at Teachers College, Columbia University. “A great little book packed with conceptual contrasts and rich classroom vignettes. The best resource I’ve found for teaching about theories of learning in a liberal arts college.” —Jack Dougherty, Trinity College, Hartford, CT “A well-written and readable book. Phillips and Soltis should be commended for bringing together these various perspectives on learning that can be used by both pre-service and in-service teachers. The case studies presented help illustrate the theories and should facilitate active class discussions.” —The Professional Educator

An important feature of Ghanaian tertiary education is the foundational African Studies Programme which was initiated in the early 1960s. Unfortunately hardly any readers exist which bring together a body of knowledge on the themes, issues and debates which inform and animate research and teaching in African Studies particularly on the African continent. This becomes even more important when we consider the need for knowledge on Africa that is not Eurocentric or sensationalised, but driven from internal understandings of life and prospects in Africa. Dominant representations and perceptions of Africa usually depict a continent in crisis. Rather than buying into external representations of Africa, with its ‘lacks’ and aspirations for Western modernities, we insist that African scholars in particular should be in the forefront of promoting understanding of the pluri-lingual, overlapping, and dense reality of life and developments on the continent, to produce relevant and usable knowledge. Continuing and renewed interest in Africa's resources, including the land mass, economy, minerals, visual arts and performance cultures, as well as bio-medical knowledge and products, by old and new geopolitical players, obliges African scholars to transcend disciplinary boundaries and to work with each other to advance knowledge and uses of those resources in the interests of Africa’s people.

This book is the first of its kind to use Austrian subjectivism to analyze issues in economic development. Unlike scholars in mainstream neoclassical economics who explain economic development by quantitative growth models, this book attempts to understand economic progress in human agency perspective. In this approach, human agency is placed at the centre of economic analysis. This book begins with a review of the theories of economic development in the history of Austrian economics, with the intention of extending the contributions of major Austrian economists to development economics. After pointing out the weaknesses in the orthodox neoclassical approach to economic growth, the book then puts forward a subjectivist methodology which integrates the contributions of Max Weber, Alfred Schutz and Austrian Economists to interpret economic phenomena and policies. This chapter also serves as a methodological foundation for arguments elaborated in subsequent chapters. The rest of the book discusses important issues in economic development, namely, entrepreneurial process, national capabilities, innovation, trade, government, transition and catching up strategies for firms in latecomer economies. The book ends with concluding remarks and a proposal for a new research agenda in economic development. This book is well written, free from mathematics and is highly readable. It adds new insights not only in economics, but also in management, politics and social sciences. It will be useful to scholars, policy makers and students in economic development, entrepreneurship, theory of the firm, management of innovation, government policy, economic sociology, Austrian and evolutionary economics.

The 4th edition of this book has been updated to meet the new requirements of the students, professors, and practitioners. This is an enhanced version of the earlier editions. To update and enhance the coverage of the book, many chapters have been restructured, and some new content/chapters have also been added. In addition, to have better engagement and learning outcomes for the reader, certain new pedagogical features have also been added. NEW IN THIS EDITION • A new chapter on ‘Ethical and Social Issues’ • Applications using MS-Access in the upgraded Chapter 5 – Data Resource Management • Concepts on organisations in Chapter 2 – Information, Systems and Organisation Concepts • Concepts of e-Governance in chapter 7 – e-Commerce, e-Business and e-Governance • Some latest trends and concepts...
Partnerships are now pervasive in global education and development, but are they creating equitable, cooperative, and positive relationships? Through case studies of prominent multistakeholder partnerships—including the Education Cannot Wait Fund and Global Partnership for Education—as well as a comprehensive analysis of the global education network, this book exposes clear power imbalances that persist in the international aid environment. The author reveals how actors and organizations from high-income countries continue to wield disproportionate influence, while the private sector holds a growing degree of authority in public policy circles. In light of such evidence, this book questions if partnerships truly ameliorate power asymmetries, or if they instead reproduce the precise inequities they are meant to eliminate. “This text offers a thoughtful look into both theoretical and practical issues surrounding arts integration as a viable strategy for increasing students’ achievement and access to higher education and career pathways. It is especially timely in the context of a widespread focus on equity and inclusion as teachers are facing more diversity in the classroom than ever before.” —Kristen Greer-Paglia, CEO, P.S. ARTS

“I can’t believe I’ve never seen this before! This book, offering a rich buffet of art-based activities grounded in critical ideas about teaching and learning, includes topics as oral language development, visual thinking strategies, making meaning of narrative and informational texts, and expression through narrative and informational writing. An excellent guide to teachers aspiring to integrate the arts into their curriculum, it is both a delightful and useful read!” —Liora Bresler, University of Illinois, Champaign-Urbana

In 1988, in an article on the analysis of the measurements of the variations in the radial velocities of a number of stars, Campbell, Walker, and Yang reported an interesting phenomenon; the radial velocity variations of Cephei seemed to suggest the existence of a Jupiter-like planet around this star. This was a very exciting and, at the same time, very surprising discovery. It was exciting because if true, it would have marked the detection of the first planet outside of our solar system. It was surprising because the planet-hosting star is the primary of a binary system with a separation less than 19 AU, a distance comparable to the planetary distances in our solar system. The moderately close orbit of the stellar companion of Cephei raised questions about the reality of its planet. The skepticism over the interpretation of the results (which was primarily based on the idea that binary star systems with small separations would not be favorable places for planet formation) became so strong that in a subsequent paper in 1992, Walker and his colleagues suggested that the planet in the Cephei binary might not be real, and the variations in the radial velocity of this star might have been due to its chromospheric activities.

Most public administration texts overly compartmentalize the subject and don't interconnect the various specializations within government, which leaves a serious gap in preparing students for public service. Government: A Public Administration Perspective is designed to fill that void. It provides a comprehensive, multidisciplinary view of government that includes perspectives from political science, political theory, international relations, organizational sociology, economics, and history. The text draws on classic and modern literature from all these areas to analyze government at four different levels—ideational, societal, organizational, and individual layers. It links public administration's various subfields—human resource management, budgeting, policy making, organizational theory, etc.—into a holistic framework for the study of government. It also includes an extensive bibliography drawing from American and European literature in support of the book's global, historical, and comparative approach.

Henry R. Nau’s bestselling Perspectives on International Relations offers an even-handed presentation of the theories of International Relations and explains how the different perspectives shape our understanding of the root causes of historical events and current controversies in global affairs. This Fifth Edition includes coverage of: the rise of ISIS an increasingly assertive Russia Chinese power...
in the Far East developments in Iran, Iraq, Egypt and other countries in the Middle East the Greek debt crisis and the threat to the Eurozone the use of social media in protest activities slowing economic growth worldwide the acceleration of migrant and refugee flows the latest developments in climate change.

As did previous volumes in this series, this volume reviews recent developments in population- and employment-related issues in China. Special attention is given to the universal two-child policy, and challenges facing women in the workforce and highly-educated single women.

Based on research from the National Reading Research Center (NRRC) at the Universities of Georgia and Maryland, this issue presents the contributors’ synthesized work on reading motivation and engagement. Articles are devoted to the following topics: * the general motivation constructs related to reading; * home influences on reading motivation; * readers’ responses to different types of text; * influences of classroom contexts; and * types of assessment on children’s motivation.


First published in 1985. Routledge is an imprint of Taylor & Francis, an informa company.

Biophysical Characterization of Proteins in Developing Biopharmaceuticals, Second Edition, presents the latest on the analysis and characterization of the higher-order structure (HOS) or conformation of protein based drugs. Starting from the very basics of protein structure, this book explains the best way to achieve this goal using key methods commonly employed in the biopharmaceutical industry. This book will help today’s industrial scientists plan a career in this industry and successfully implement these biophysical methodologies. This updated edition has been fully revised, with new chapters focusing on the use of chromatography and electrophoresis and the biophysical characterization of very large biopharmaceuticals. In addition, best practices of applying statistical analysis to biophysical characterization data is included, along with practical issues associated with the concept of a biopharmaceutical’s developability and the technical decision-making process needed when dealing with biophysical characterization data. Presents basic protein characterization methods and tools applicable to (bio)pharmaceutical research and development Highlights the capabilities and limitations of each technique Discusses the underlining science of each tool Empowers industrial biophysical chemists by providing a roadmap for applying biophysical tools Outlines the needs for new characterization and analytical tools in the biopharmaceutical industry

"An extensive collection of significant documents covering all major and minor issues and events regarding terrorism. Government reports, executive orders, speeches, court proceedings, and position papers are presented in full text reprint"—Oceana Website.

Immersive technology as an umbrella concept consists of multiple emerging technologies including augmented reality (AR), virtual reality (VR), gaming, simulation, and 3D printing. Research has shown immersive technology provides unique learning opportunities for experiential learning, multiple perspectives, and knowledge transfer. Due to its role in influencing learners' cognitive and affective processes, it is shown to have great potential in changing the educational landscape in the decades to come. However, there is a lack of general cognitive
and affective theoretical framework to guide the diverse aspects of immersive technology research. In fact, lacking the cognitive and affective theoretical framework has begun to hamper the design and application of immersive technology in schools and related professional training. Cognitive and Affective Perspectives on Immersive Technology in Education is an essential research book that explores methods and implications for the design and implementation of upcoming immersive technologies in pedagogical and professional development settings. The book includes case studies that highlight the cognitive and affective processes in immersive technology as well as the successful applications of immersive technology in education. Featuring a wide range of topics such as curriculum design, K-12 education, and mobile learning, this book is ideal for academicians, educators, policymakers, curriculum developers, instructional designers, administrators, researchers, and students.