Diversity And Complexity

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Fauja Singh Keeps Going - Simran Jeet Singh 2020-08-25
The true story of Fauja Singh, who broke world records to become the first one hundred-year-old to run a marathon, shares valuable lessons on the source of his grit, determination to overcome obstacles, and commitment to positive representation of the Sikh community. Every step forward is a victory. Fauja Singh was born determined. He was also born with legs that wouldn't allow him to play cricket with his friends or carry him to school miles from his village in Punjab. But that didn't stop him. Working on his family's farm, Fauja grew stronger to meet his own full potential. He never stopped striving. At the age of 81, after a lifetime of making his body, mind, and heart stronger, Fauja decided to run his first marathon. He went on to break records all around the world and became the first person over 100 to complete the grueling long-distance race. With exuberant text by Simran Jeet Singh and exhilarating illustrations by Baljinder Kaur, the true story of Fauja Singh reminds us that it's both where we start and how we finish that make our journeys unforgettable.

Social Diversity within Multiliteracies - Fenice B. Boyd 2014-12-05
Using a multiliteracies theoretical framework highlighting social diversity and multimodality as central in the process of meaning making, this book examines literacy teaching and learning as embedded in cultural, linguistic, racial, sexual, and gendered contexts and explores ways to foster learning and achievement for diverse students in various settings. Attending simultaneously to topics around two overarching and interrelated themes—languages and language variations, and cultures, ethnicities, and identities—the chapter authors examine the roles that multiliteracies play in students' lives in and out of classrooms. In Part I, readers are asked to examine beliefs and dispositions as related to different languages, language varieties, cultures, ethnicities, and identities. Part II engages readers in examining classroom and community practices related to different languages and language varieties, cultures, ethnicities, and identities.

Communicating Science - Toss Gascoigne 2020-09-14
Modern science communication has emerged in the twentieth century as a field of study, a body of practice and a profession—and it is a practice with deep historical roots. We have seen the birth of interactive science centres, the first university actions in teaching and conducting research, and a sharp growth in employment of science communicators. This collection charts the emergence of modern science communication across the world. This is the first volume to map investment around the globe in science centres, university courses and research, publications and conferences as well as tell the national stories of science communication. How did it all begin? How has development varied from one country to another? What motivated governments, institutions and people to see science communication as an answer to questions of the social place of science? Communicating Science describes the pathways followed by 39 different countries. All continents and many cultures are represented. For some countries, this is the first time that their science communication story has been told.

Leading in Times of Crisis - David L. Dotlich 2009-04-13
Praise for Leading in Times of Crisis "Building on the solid base of their book Head, Heart, and Guts, Dotlich, Cairo, and Rhinesmith lay out the ways to become the kind of leader needed to navigate through today's complexities and uncertainties. Leading in Times of Crisis is a necessary guidebook to survive and thrive in the global perfect storm." —JOHN NAISBITT, author, Megatrends and Megatrends 2000 "The risks and opportunities that confront today's leader have never been greater Leading in Times of Crisis provides unique and valuable insights, along with straightforward principles, that will help point the way in an increasingly diverse and rapidly changing environment." —KEN FRAZIER, president, global human health, Merck & Co., Inc. "This book blends practical business solutions with useful insights about leading people. It should help anyone looking for new ideas to deal with the uncertainty and complexity facing leaders everywhere today." —MINDY GROSSMAN, CEO of HSN (formerly Home Shopping Network) "The main message of this provocative book is that leadership as we have known it is changing rapidly and dramatically. Moreover, research shows that well over half of people in leadership positions fail. The challenge for leaders today is daunting. But a careful reading of what Dotlich, Cairo, and Rhinesmith have to say from their extensive experiences will help to reduce significantly this troublesome failure rate." —W. WARNER BURKE, Edward Lee Thorndike Professor of Psychology and Education; chair, Department of Organization and Leadership, Teachers College, Columbia University "Research demonstrates that the #1 leadership competency in shortest supply is 'dealing with ambiguity and complexity.' Dotlich, Cairo, and Rhinesmith give you the real-world tools to actually do it.??This book helps us to reach deep inside ourselves, our organizations, and our markets to achieve dynamic, sustainable success.??Get this book to effectively navigate change, inside and out!" —KEVIN CASHMAN, senior partner, Korn/Ferry Leadership & Talent Consulting, and best-selling author, Leadership From the Inside Out

Web Engineering - San Murugesan 2001-04-26
This book gives a unique account of the emerging field of Web engineering by presenting 25 thoroughly reviewed papers drawn from two recent workshops on the topic together with introductory and motivating surveys and a list of Web engineering resources in chapters on - Web engineering: introduction and perspectives - Web-based system development: process and methodology - Managing information on the Web - Development tools, skills, and case studies - Performance, testing, and Web metrics - Web maintenance and reuse The book will appeal equally to researchers, students, professionals and practitioners in industry interested in developing, maintaining, and using advanced Web-based systems and applications.

The Glycome - Adeel Malik 2021-07-08
This volume provides a comprehensive understanding of the enigmatic identity of the glycome, a complex but important area of research that has been largely ignored due to its complexity. The authors thoroughly deal with almost all aspects of the glycome, i.e., elucidation of the glycan identity enigma and its role in regulation of the cellular process, and in disease etiology. The book bridges the knowledge gap in understanding the glycome, from being a cell signature to its applications in disease etiology. In addition, it details many of the major insights regarding the possible role of the glycome in various diseases as a therapeutic marker. The book systematically covers the major aspects of the glycome, including the significance of substituting the diverse monosaccharide units to glycoproteins, the role of glycans in disease pathologies, and the challenges and advances in glycobiology. The authors stress the significance and huge encoding power of carbohydrates as well as provide helpful insights in framing the bigger picture. The Glycome: Understanding the Diversity and Complexity of Glycobiology details state-of-the-art developments and emerging challenges of glycome biology, which are going to be key areas of future research, not only in the glycobiology field but also in pharmaceutics.

Hidden Order - John H Holland 1995-08-21
Basic elements - Adaptive agents - Echoing emergence - Simulating echo - Toward theory.

Complexity, Difference and Identity - Paul Cilliers 2010-06-29
"Complexity" has been part of the academic discourse for a decade or two. Texts on Complexity fall mainly in two categories: fairly technical and mathematical on the one hand, and fairly broad, vague and general on the other. Paul Cilliers' book Complexity and Postmodernism. Understanding Complex Systems (Routledge 1998) constituted an attempt to bridge this divide by reflecting more rigorously on the philosophical implications of complexity, and by making it accessible to

the social sciences. This edited volume is a continuation of this project, with specific reference to the ethical implications of acknowledging complexity. These issues are pertinent to our understanding of organisations and institutions and could contribute significantly to the development of a richer understanding of ethics in business and would be a useful tool for teachers, researchers and post-graduate students with ethical concerns in disciplines ranging from Philosophy, Applied Ethics, Sociology, Organisational Studies, Political Science, Anthropology and Cultural Studies. The central theme which binds all the contributions together is: the inevitability of normative and ethical issues when dealing with complex phenomena. The book should thus be useful in the development of Business Ethics on two levels: in the first place on the level of developing a strong theoretical foundation, in the second place in providing specific examples of this theory in action in the real world.

Families and Aging - Linda Burton 2019-03-28
The complexity and diversity of families and aging has generated the necessity for research, policy, and program agendas that address emerging issues and needs for elderly Americans and their families. This volume is an effort towards that end - an effort towards fostering a different perspective at families and aging.

Complexity and Social Work - Hans Van Ewijk 2017-10-12
Being socially competent is essential in late modern society. We expect people to find their own accommodation, partner, job, community and lifestyle and struggle to find answers for those who are not able or do not have the opportunity to achieve these things. By placing social complexity, social vulnerability and social efficacy within a framework of social policy and social practice, Complexity and Social Work argues that growing social complexity excludes more and more citizens from social participation. The book starts with exploring complexity, super-diversity, vulnerability and social efficacy. From there the book deals with the discourses of social policy, social work and social work research, pledging for social policy aiming at desired outcomes, for generic contextual social work, and for a research practice that recognises practical wisdom. Aimed at final year undergraduates, postgraduates, professionals, trainers and lecturers involved in social work, social policy, social care, mental health and allied fields who are committed to treating socially vulnerable people with respect and acceptance, this book, the first of its kind, offers new perspectives on social complexity for practice, theory and research in human services.

Culture and Leadership Across the World - Jagdeep S. Chhokar 2013-06-17
Culture and Leadership Across the World: The GLOBE Book of In-Depth Studies of 25 Societies is the second major publication of GLOBE (Global Leadership and Organizational Behavior Effectiveness), a groundbreaking, large-scale project on international management research featuring contributions from nearly 18,000 middle managers from 1,000 organizations in 62 countries, perhaps the largest project of its kind ever undertaken. This volume effectively presents a complex collection of global research addressing the culture of particular countries, leadership qualities within those countries, and recommendations on how managers should conduct business in countries other than their own. A massive effort with a cross-cultural focus and broad international appeal, this book explores: how leadership is conceptualized and enacted in its cultural milieu; quantitative data including middle manager questionnaires, unobtrusive measurement, and participant observation data; qualitative research from interviews, focus groups, and media analyses; and theoretical and methodological pitfalls that arise in the effort to develop universal management theories. This book is a coherent and well-organized presentation of the findings of the GLOBE Project and will appeal to scholars in leadership, management, international business, cultural studies; and also to practicing managers.

Social Statistics and Ethnic Diversity - Patrick Simon 2015-08-17
This open access book examines the question of collecting and disseminating data on ethnicity and race in order to describe characteristics of ethnic and racial groups, identify factors of social and economic integration and implement policies to redress discrimination. It offers a global perspective on the issue by looking at race and ethnicity in a wide variety of historical, country-specific contexts, including Asia, Latin America, Europe, Oceania and North America. In addition, the book also includes analysis on the indigenous populations of the Americas. The book first offers comparative accounts of ethnic statistics. It compares and empirically tests two perspectives for understanding national ethnic enumeration practices in a global context based on national census questionnaires and population registration forms for over 200 countries

between 1990 to 2006. Next, the book explores enumeration and identity politics with chapters that cover the debate on ethnic and racial statistics in France, ethnic and linguistic categories in Québec, Brazilian ethnoracial classification and affirmative action policies and the Hispanic/Latino identity and the United States census. The third, and final, part of the book examines measurement issues and competing claims. It explores such issues as the complexity of measuring diversity using Malaysia as an example, social inequalities and indigenous populations in Mexico and the demographic explosion of aboriginal populations in Canada from 1986 to 2006. Overall, the book sheds light on four main questions: should ethnic groups be counted, how should they be counted, who is and who is not counted and what are the political and economic incentives for counting. It will be of interest to all students of race, ethnicity, identity, and immigration. In addition, researchers as well as policymakers will find useful discussions and insights for a better understanding of the complexity of categorization and related political and policy challenges.

Diversity and Complexity - Scott E. Page 2010-11-28
This book provides an introduction to the role of diversity in complex adaptive systems. A complex system--such as an economy or a tropical ecosystem--consists of interacting adaptive entities that produce dynamic patterns and structures. Diversity plays a different role in a complex system than it does in an equilibrium system, where it often merely produces variation around the mean for performance measures. In complex adaptive systems, diversity makes fundamental contributions to system performance. Scott Page gives a concise primer on how diversity happens, how it is maintained, and how it affects complex systems. He explains how diversity underpins system level robustness, allowing for multiple responses to external shocks and internal adaptations; how it provides the seeds for large events by creating outliers that fuel tipping points; and how it drives novelty and innovation. Page looks at the different kinds of diversity--variations within and across types, and distinct community compositions and interaction structures--and covers the evolution of diversity within complex systems and the factors that determine the amount of maintained diversity within a system. Provides a concise and accessible introduction Shows how diversity underpins robustness and fuels tipping points Covers all types of diversity The essential primer on diversity in complex adaptive systems

On Diversity and Complexity of Languages Spoken in Europe and North and Central Asia - Pirkko Suihkonen 2014-12-17
The languages of Europe and North and Central Asia provide a rich variety of data. In this volume, some articles are summaries of large areal typological research projects, and some articles focus on structures or constructions in a single language. However, it is common to all the articles that they investigate phenomena that have not been examined previously, or they apply a new framework to a topic. The volume will be of interest to scholars with a focus on this broad geographic region, typologists, historical linguists and discourse analysts. The uniqueness of this volume is that it brings together work on a genetically diverse set of languages that have some shared areal traits.

The Romanization of Central Spain - Leonard A Curchin 2004-05-05
Curchin explores how, why and to what extent the peoples of Central Spain were integrated into the Roman Empire during the period from the second century BC to the second century AD. He approaches the question from a variety of angles, including the social, economic, religious and material experiences of the inhabitants as they adjusted to change, the mechanisms by which they adopted new structures and values, and the power relations between Rome and the provincials. The book also considers the peculiar cultural features of Central Spain, which made its Romanization so distinctive.

Diversity-Sensitive Personality Assessment - Steven R. Smith 2018-05-03
Diversity-Sensitive Personality Assessment is a comprehensive guide for clinicians to consider how various aspects of client diversity—ethnicity, gender, sexual orientation, age, nationality, religion, regionalism, socioeconomic status, and disability status—can impact assessment results, interpretation, and feedback. Chapters co-written by leading experts in the fields of diversity and personality assessment examine the influence of clinician, client, interpersonal, and professional factors within the assessment context. This richly informed and clinically useful volume encourages clinicians to delve into the complex ways in which individuals' personal characteristics, backgrounds, and viewpoints intersect. This book fills an important gap in the personality assessment literature and is an essential resource for clinicians looking to move beyond surface-level understandings of diversity in assessment.

Complexity - John Henry Holland 2014

In this very short introduction, John Holland presents an introduction to the science of complexity. Using examples from biology and economics, he shows how complexity science models the behaviour of complex systems.

The Difference - Scott E. Page 2008-08-11
In this landmark book, Scott Page redefines the way we understand ourselves in relation to one another. The Difference is about how we think in groups--and how our collective wisdom exceeds the sum of its parts. Why can teams of people find better solutions than brilliant individuals working alone? And why are the best group decisions and predictions those that draw upon the very qualities that make each of us unique? The answers lie in diversity--not what we look like outside, but what we look like within, our distinct tools and abilities. The Difference reveals that progress and innovation may depend less on lone thinkers with enormous IQs than on diverse people working together and capitalizing on their individuality. Page shows how groups that display a range of perspectives outperform groups of like-minded experts. Diversity yields superior outcomes, and Page proves it using his own cutting-edge research. Moving beyond the politics that cloud standard debates about diversity, he explains why difference beats out homogeneity, whether you're talking about citizens in a democracy or scientists in the laboratory. He examines practical ways to apply diversity's logic to a host of problems, and along the way offers fascinating and surprising examples, from the redesign of the Chicago "El" to the truth about where we store our ketchup. Page changes the way we understand diversity--how to harness its untapped potential, how to understand and avoid its traps, and how we can leverage our differences for the benefit of all.

Diversity and Complexity in Prehistoric Maritime Societies - Bruce J. Bourque 2007-09-04
New England archaeology has not always been everyone's cup of tea; only late in the Golden of nineteenth-century archaeology, as archaeology's focus turned westward, did a few pioneers look northward as well, causing a brief flurry of investigation and excavation. Between 1892 and 1894, Charles C. Willoughby did some exemplary excavations at three small burial sites in Bucksport, Orland, and Ellsworth, Maine, and made some models of that activity for exhibition at the Chicago World's Fair. These activities were encouraged by E Putnam, director of the Harvard Peabody Museum and head of anthropology at the "Columbian" Exposition. Even earlier, another director of the Peabody, Jeffries Wyman, spawned some real interest in the shellheaps of the Maine coast, but that did not last very long. Twentieth-century New England archaeology, specifically in Maine, was--for its first fifty years--rather low key too, with short-lived but important activity by Arlo and Oric (a Bates Harvard student) prior to World War Later, I. another Massachusetts institution, the Peabody Foundation at Andover, took some minor but responsible steps toward further understanding of the area's prehistoric past.

Cracking Complexity - David Komlos 2019-05-07
For the first time, David Benjamin and David Komlos of Syntegrity share their cutting-edge, highly engaging step-by-step formula for cracking incredibly knotty and important challenges in mere days, while mobilizing those who must execute. Foreword by Marshall Goldsmith, #1 NY Times bestselling author, Thinkers50 - #1 Executive Coach and the only two-time #1 Leadership Thinker in the World Complexity has met its match! Today, organizations are grappling with ambiguity, volatility and paradox surrounding the challenges they face. This is complexity. But too many leaders approach complexity the wrong way - they push their people harder and harder and tackle problems one at a time over months, sometimes even years, and nearly always in a linear fashion. It's like setting a pot of water on "low" and waiting for it to boil. To solve the seemingly intractable challenges that leaders bang their heads against for months - to get the metaphorical water to boil - you must generate a high amount of heat very quickly. In this book, the authors share their proven formula for dramatically shortening the process and solving an organization's toughest challenges in mere days.

Spin Glasses and Complexity - Daniel L. Stein 2013-01-15
Spin glasses are disordered magnetic systems that have led to the development of mathematical tools with an array of real-world applications, from airline scheduling to neural networks. Spin Glasses and Complexity offers the most concise, engaging, and accessible introduction to the subject, fully explaining what spin glasses are, why they are important, and how they are opening up new ways of thinking about complexity. This one-of-a-kind guide to spin glasses begins by explaining the fundamentals of order and symmetry in condensed matter

physics and how spin glasses fit into--and modify--this framework. It then explores how spin-glass concepts and ideas have found applications in areas as diverse as computational complexity, biological and artificial neural networks, protein folding, immune response maturation, combinatorial optimization, and social network modeling. Providing an essential overview of the history, science, and growing significance of this exciting field, Spin Glasses and Complexity also features a forward-looking discussion of what spin glasses may teach us in the future about complex systems. This is a must-have book for students and practitioners in the natural and social sciences, with new material even for the experts.

Media in Motion - Elisabeth Eide 2016-04-29
Owing to increased migration dating from the 1990s, Nordic countries have gone through substantial cultural and social changes, resulting in increased debate surrounding the politics of multiculturalism. One of the central realms of the discussion around multiculturalism in the Nordic region concerns the media, which is considered to be a vital factor in the construction of society's values, as well as an essential tool in the integration process of migrants, providing as it does a symbolic arena for learning about and becoming part of society. This collection draws together the latest research from Denmark, Finland, Norway and Sweden to look at different aspects of the relationship between media and migration in the Nordic region. Exploring the role played by the media in nation building and the power of the media in the definition of who 'belongs' in society, Media in Motion examines the practices of inclusion and exclusion that characterise mainstream media representations. The book also examines the manner in which recent technological changes suggest the emergence of a transnational and cosmopolitan media landscape; a space which blurs the boundaries of the national and transnational, as well as between the public and the private, with significant implications for the ways migrants may take and become part of society. As such, it will be of interest to those working in the fields of media, race and ethnicity, colonialism and postcolonial studies, and migration.

Complexity Science, Living Systems, and Reflexing Interfaces: New Models and Perspectives - Orsucci, Franco 2012-09-30
There are new and important advancements in today□s complexity theories in ICT and requires an extraordinary perspective on the interaction between living systems and information technologies. With human evolution and its continuous link with the development of new tools and environmental changes, technological advancements are paving the way for new evolutionary steps. Complexity Science, Living Systems, and Reflexing Interfaces: New Models and Perspectives is a collection of research provided by academics and scholars aiming to introduce important advancements in areas such as artificial intelligence, evolutionary computation, neural networks, and much more. This scholarly piece will provide contributions that will define the line of development in complexity science.

Web Engineering - San Murugesan 2003-06-29
This book gives a unique account of the emerging field of Web engineering by presenting 25 thoroughly reviewed papers drawn from two recent workshops on the topic together with introductory and motivating surveys and a list of Web engineering resources in chapters on - Web engineering: introduction and perspectives - Web-based system development: process and methodology - Managing information on the Web - Development tools, skills, and case studies - Performance, testing, and Web metrices - Web maintenance and reuseThe book will appeal equally to researchers, students, professionals and practitioners in industry interested in developing, maintaining, and using advanced Web-based systems and applications.

The Evolution of Complexity by Means of Natural Selection - John Tyler Bonner 2020-12-08
John Tyler Bonner makes a new attack on an old problem: the question of how progressive increase in the size and complexity of animals and plants has occurred. "How is it," he inquires, "that an egg turns into an elaborate adult? How is it that a bacterium, given many millions of years, could have evolved into an elephant?" The author argues that we can understand this progression in terms of natural selection, but that in order to do so we must consider the role of development--or more precisely the role of life cycles--in evolutionary change. In a lively writing style that will be familiar to readers of his work The Evolution of Culture in Animals (Princeton, 1980), Bonner addresses a general audience interested in biology, as well as specialists in all areas of evolutionary biology. What is novel in the approach used here is the comparison of complexity inside the organism (especially cell differentiation) with the

complexity outside (that is, within an ecological community). Matters of size at both these levels are closely related to complexity. The book shows how an understanding of the grand course of evolution can come from combining our knowledge of genetics, development, ecology, and even behavior.

Normal Family Processes, Fourth Edition - Froma Walsh 2015-10-02
Widely adopted, this valued course text and practitioner guide has expanded the understanding of family normality and healthy functioning in our increasingly diverse society. The editor and contributors are at the forefront of research and clinical training. They describe the challenges facing contemporary families and ways in which clinicians can promote resilience. With consideration of sociocultural and developmental influences, chapters identify key family processes that nurture and sustain strong bonds in couples; dual-earner, divorced, single-parent, remarried, adoptive, and kinship care families; gay and lesbian families; culturally diverse families; and those coping with adversity, such as trauma,ÿ poverty, and chronic illness.ÿNew to This Edition*Reflects important research advances and the changing contexts of family life.*Additional chapter topics: kinship care, family rituals, evidence-based assessment, and neurobiology.*All chapters have been fully updated.

Diversity and Complexity - Camilla Pagani 2019-03-05
The book addresses the issue of the human relationship with diversity within a theoretical framework that considers not only the psycho-social perspective, but also and pre-eminently the perspective of complexity science. A broad definition of diversity is proposed, whereby diversity is all that is not the self or, more precisely, all that is not the present self. There is a focus on cross-cultural relations, especially with regards to young people, and on the themes of racism and empathy in this context. The analysis draws on the considerable data obtained by the author and her research group in her study of childrens and adolescents attitudes towards multiculturalism. Interspecies diversity is considered as well, with a chapter devoted to the human relationship with animals supported by data obtained from the authors research study on childrens and adolescents attitudes towards animals. Throughout the book, the main concepts and principles pertaining to complexity science and complex thinking are used, including systems, interconnection, emergent factors, non-linearity, uncertainty, responsibility, mutilating thought, and the contribution of art to scientific research. Two chapters address the relationship with diversity as it is presented in literature, cinema, and photography. In conclusion, the authors view is that complexity is an intrinsic quality of reality, and that reality absolutely must be approached through the complexity lens.

Natural Complexity - Paul Charbonneau 2017-05-16
This book provides a short, hands-on introduction to the science of complexity using simple computational models of natural complex systems—with models and exercises drawn from physics, chemistry, geology, and biology. By working through the models and engaging in additional computational explorations suggested at the end of each chapter, readers very quickly develop an understanding of how complex structures and behaviors can emerge in natural phenomena as diverse as avalanches, forest fires, earthquakes, chemical reactions, animal flocks, and epidemic diseases. Natural Complexity provides the necessary topical background, complete source codes in Python, and detailed explanations for all computational models. Ideal for undergraduates, beginning graduate students, and researchers in the physical and natural sciences, this unique handbook requires no advanced mathematical knowledge or programming skills and is suitable for self-learners with a working knowledge of precalculus and high-school physics. Self-contained and accessible, Natural Complexity enables readers to identify and quantify common underlying structural and dynamical patterns shared by the various systems and phenomena it examines, so that they can form their own answers to the questions of what natural complexity is and how it arises.

The Psychology of Social and Cultural Diversity - Richard J. Crisp 2011-07-05
Promoting a scholarly understanding of the psychology of social and cultural diversity in the early stages of 21st century, this volume encourages an in-depth appreciation of the value in diversity while directly addressing social intervention and policy implications. Offers, for the very first time, an integrated approach to the issues raised by increasingly complex representations of social identity Explores the psychological implications and applications of new forms of social and cultural diversity Includes research from a diverse range of scholars that covers a broad spectrum of sub-disciplines Discusses how the

applications of multiculturalism and diversity research can encourage more positive intergroup relations Develops an in depth understanding and appreciation of the value of social and cultural diversity

Dynamics of Human Biocultural Diversity - Elisa J. Sobo 2016-06-16
This lively text offers a unique, holistic approach to human diversity for undergraduate courses in fields including anthropology, medicine, human ecology, and general education. Leading medical anthropologist Elisa Sobo rises to the challenge of truly integrating biology and culture. Her inviting writing style and fascinating examples make important new ideas from complexity theory and epigenetics accessible to undergraduates from all disciplines, regardless of academic background. Students learn to conceptualize human biology and culture concurrently—as an adaptive biocultural capacity that has helped to produce the rich range of human diversity seen today. With clearly structured topics, an extensive glossary and suggestions for further reading, this text makes a complex, interdisciplinary topic a joy to teach.

Diversity and Complexity in Feminist Therapy - Maria P P Root 2014-06-03
Diversity and Complexity in Feminist Therapy is an unprecedented new book that focuses on incorporating, appreciating, and building on the differences among women. Multicultural in content and authorship, this intellectually and emotionally stimulating volume breaks new ground in the development of theory in feminist therapy. Chapters run the gamut from highly theoretical works that challenge us to examine the validity of current male, Western psychological theories, to the very personal story of one woman's struggle with oppression and her respect for the differences between her experiences of oppression and other women's experiences. You will also find provocative, creative, and diverse chapters that address women's development as it relates to their ethnic, religious, socioeconomic, sexual, and age differences. The one pervasive truth throughout this unique book is that feminist therapy must be based on the experiences of all women in order to be truly representative of women in the United States. Diversity and Complexity in Feminist Therapy is a first step in moving feminist therapy to a more inclusive, global perspective and back into a more political and activist stance against the oppression that we all want to defeat. more from mq: introduces feminist therapists and other interested feminist behavioral scientists to an anti-racist and multicultural perspective on feminist therapy, both at the level of theory and practice. This volume is unique in several ways. One of them is in the emphasis on the development of a theoretical model for feminist therapy. While much has been and continues to be written about applications of feminist therapy, theory-building has been neglected. This volume focuses on the necessity of taking an explicitly anti-racist and multicultural perspective for such theory to be truly feminst. A second unique aspect--very close and detailed attention to feminist therapy practice with people of color, both within and outside of US culture. While this issue has been addressed in a piece-meal fashion elsewhere, or has been addressed primarily by activists challenging racism within feminist therapy, this volume offers the work of feminist therapists themselves applying feminist analyses and principles. Volume is also unique in the degree to which its author represent a diverse group within feminist therapy. This volume is not only multicultural in its intent, but also in its creation. HPP Diversity and Complexity in Feminist Therapy is an unprecedented new book that focuses on incorporating, appreciating, and building on the differences among women. Multicultural in content and authorship, this intellectually and emotionally stimulating volume breaks new ground in the development of theory in feminist therapy. Chapters run the gamut from highly theoretical works that challenge us to examine the validity of current male, Western psychological theories, to the very personal story of one woman's struggle with oppression and her respect for the differences between her experiences of oppression and other women's experiences. You will also find provocative, creative, and diverse chapters that address women's development as it relates to their ethnic, religious, socioeconomic, sexual, and age differences. The one pervasive truth throughout this unique book is that feminist therapy must be based on the experiences of all women in order to be truly representative of women in the United States. Diversity and Complexity in Feminist Therapy is a first step in moving feminist therapy to a more inclusive, global perspective and back into a more political and activist stance against the oppression that we all want to defeat.

Diversity and Complexity in Prehistoric Maritime Societies - Bruce J. Bourque 2013-06-22
New England archaeology has not always been everyone's cup of tea; only late in the Golden of nineteenth-century archaeology, as

archaeology's focus turned westward, did a few pioneers look northward as well, causing a brief flurry of investigation and excavation. Between 1892 and 1894, Charles C. Willoughby did some exemplary excavations at three small burial sites in Bucksport, Orland, and Ellsworth, Maine, and made some models of that activity for exhibition at the Chicago World's Fair. These activities were encouraged by E Putnam, director of the Harvard Peabody Museum and head of anthropology at the "Columbian" Exposition. Even earlier, another director of the Peabody, Jeffries Wyman, spawned some real interest in the shellheaps of the Maine coast, but that did not last very long. Twentieth-century New England archaeology, specifically in Maine, was--for its first fifty years--rather low key too, with short-lived but important activity by Arlo and Oric (a Bates Harvard student) prior to World War Later, I. another Massachusetts institution, the Peabody Foundation at Andover, took some minor but responsible steps toward further understanding of the area's prehistoric past.

Archaic Societies - Thomas E. Emerson 2011-10-19
Essential overview of American Indian societies during the Archaic period across central North America.

Cultural Complexity - Ulf Hannerz 1992
A rich, witty, and accessible introduction to the anthropology of contemporary cultures, Cultural Complexity emphasizes that culture is organized in terms of states, markets, and movements. Hannerz pays special attention to the interplay between the centralizing agencies of culture, such as schools and media, and the decentering diversity of subcultures, and considers the special role of cities as the centers of cultural growth. Hannerz discusses cultural process in small-scale societies, the concept of subcultures, and the economics and politics of culture. Finally, he presents the twentieth-century globalization of culture as a process of cultural diffusion, polycentralism, and local innovation, focusing on periods of intensive cultural productivity in Vienna, Calcutta, and San Francisco.

Rebel Ideas - Matthew Syed 2021-05-11
Ideas are everywhere, but those with the greatest problem-solving, business-transforming, and life-changing potential are often hard to identify. Even when we recognize good ideas, applying them to everyday obstacles—whether in the workplace, our homes, or our civic institutions—can seem insurmountable. According to Matthew Syed, it doesn't have to be this way. In Rebel Ideas, Syed argues that our brainpower as individuals isn't enough. To tackle problems from climate change to economic decline, we'll need to employ the power of "cognitive diversity." Drawing on psychology, genetics, and beyond, Syed uses real-world scenarios including the failings of the CIA before 9/11 and a communication disaster at the peak of Mount Everest to introduce us to the true power of thinking differently. Rebel Ideas will strengthen any kind of team, while including advice on how, as individuals, we can embrace the potential of an "outsider mind-set" as our greatest asset. Matthew Syed is the Sunday Times bestselling author of Black Box Thinking, Bounce, and The Greatest. He writes an award-winning newspaper column in The Times and is the host of the hugely successful BBC podcast Flintoff, Savage and the Ping Pong Guy.

Biology's First Law - Daniel W. McShea 2010-07-15
Life on earth is characterized by three striking phenomena that demand explanation: adaptation—the marvelous fit between organism and environment; diversity—the great variety of organisms; and complexity—the enormous intricacy of their internal structure. Natural selection explains adaptation. But what explains diversity and complexity? Daniel W. McShea and Robert N. Brandon argue that there exists in evolution a spontaneous tendency toward increased diversity and complexity, one that acts whether natural selection is present or not. They call this tendency a biological law—the Zero-Force Evolutionary Law, or ZFEL. This law unifies the principles and data of biology under a single framework and invites a reconceptualization of the field of the same sort that Newton's First Law brought to physics. Biology's First Law shows how the ZFEL can be applied to the study of diversity and complexity and examines its wider implications for biology. Intended for evolutionary biologists, paleontologists, and other scientists studying complex systems, and written in a concise and engaging format that

speaks to students and interdisciplinary practitioners alike, this book will also find an appreciative audience in the philosophy of science.

Addressing Cultural Complexities in Practice - Pamela A. Hays 2016
In an increasingly diverse society, psychotherapists must be able to work effectively with a wide variety of clients, each of whom has been shaped by a different mix of cultural and social influences. Pamela Hays' popular bestseller invites readers to move beyond a one-dimensional view of identity to a nuanced understanding of the factors that enable therapist and client to interact productively. Her ""ADDRESSING"" framework encompasses Age and generational influences Developmental or other Disability Religion and spirituality Ethnic and racial identity Socioeconomic status Sexual orientation Indigenous heritage National origin Gender The book discusses cultural considerations as therapists typically encounter them, that is, during the chronological flow of clinical work. The author's integrated approach, grounded in the research literature, considers the complexities of real-life clinical practice. In this new edition, readers will find up-to-date information on the DSM-5, ICD-10, and upcoming ICD-11, as well as new sections on working with people in poverty, children, and transgender people; trauma-informed care; and the applications of mindfulness. The practical suggestions and tools in this book apply to assessment, testing, diagnosis, and psychotherapy and are illustrated with a rich variety of case examples. Each chapter ends with a Key Ideas summary and a Practice Exercise that can be used in education and supervision.

Complexity and the Arrow of Time - Charles H. Lineweaver 2013-08-08
There is a widespread assumption that the universe in general, and life in particular, is 'getting more complex with time'. This book brings together a wide range of experts in science, philosophy and theology and unveils their joint effort in exploring this idea. They confront essential problems behind the theory of complexity and the role of life within it: what is complexity? When does it increase, and why? Is the universe evolving towards states of ever greater complexity and diversity? If so, what is the source of this universal enrichment? This book addresses those difficult questions, and offers a unique cross-disciplinary perspective on some of the most profound issues at the heart of science and philosophy. Readers will gain insights in complexity that reach deep into key areas of physics, biology, complexity science, philosophy and religion.

The Diversity Bonus - Scott E. Page 2019-03-26
A book about how businesses and other organizations can improve their performance by tapping the power of differences in how people think. What if workforce diversity is more than simply the right thing to do? What if it can also improve the bottom line? Because it can. The autuor presents overwhelming evidence: teams that include different kinds of thinkers outperform homogenous groups on complex tasks, producing what he calls diversity bonuses. These bonuses include improved problem solving, increased innovation, and more accurate predictions - all of which lead to better results. Drawing on research in economics, psychology, computer science, and many other fields, the book also tells the stories of businesses and organizations that have tapped the power of diversity to solve complex problems. The result changes the way we think about diversity at work-and far beyond

Complexity and Diversity - K. Kudo 1997-06
Nonlinear complex open systems show great diversity in the process of self-organization, and that diversity increases as complexity increases. The measurement of complexity and the origins of the diversity of such complex systems are the focus of interdisciplinary studies extending across a wide range of scientific disciplines that include applied mathematics, physics, chemistry, biology, psychology, ecology, sociology, and economics. Previous investigations have concentrated either on complexity or on diversity, but not both. This volume makes clear the relation between complexity and diversity with examples drawn from various disciplines. Compiles here are presentations from the Complexity and Diversity workshop held in Fugue, Japan, in August 1996. The contributions are the results of research in mathematical systems, physical systems, living systems, and social systems, and are contained in the four corresponding sections of the book. Mathematical expressions for the theory of complexity as a fundamental method along with realistic examples for application of systematic methods provide the reader with ready access to the latest topics in complex systems.