

Defying The Crowd Cultivating Creativity In A Culture Of Conformity By Sternberg Robert J Lubart Todd I 1995 Hardcover

What actually is creativity? And what contributes to its conceptualization and development? This collection of articles is an attempt at exploring and answering the above questions from both the Eastern and Western perspectives. Readers may find some answers stimulating, and others bewildering. This is in fact the reality and fascination of creativity research and education. An integrative introduction to the theories and themes in research on creativity, the second edition of Creativity is both a reference work and text for courses in this burgeoning area of research. The book begins with a discussion of the theories of creativity (Person, Product, Process, Place), the general question of whether creativity is influenced by nature or nurture, what research has indicated of the personality and style of creative individuals from a personality analysis standpoint, and how social context affects creativity. This wide-ranging work then proceeds to coverage of issues such as gender differences, whether creativity can be enhanced, if creativity is related to poor mental or physical health, and much more. The book contains boxes covering special interest items, including one-page biographies of famous creative individuals, and activities for a group or individual to test or encourage creativity, as well as references to Internet sites relating to creativity. Includes all major theories and perspectives on creativity Consolidates recent research into a single source Includes key terms defined and text boxes with interesting related material Single authored for clarity and consistency of presentation

Creativity in schools is changing, with greater emphasis being placed on creative skills across the curriculum than ever before. This shift has thrown up some challenging questions which this book tackles head-on in order to better understand the implications of this change and the effects on pedagogy and policy. The questions raised include: What is creative learning? How does it relate to creative teaching? How do we organize the curriculum to nurture creativity? What pedagogical strategies support creativity? How is creative learning different to effective learning? What responsibilities do schools have for stimulating creativity in relation to society, ethics and the wider environment? Laying out the key concepts in the current debate on creativity and placing them in a broader context based on practice, policy and research, this volume sets the agenda for future discussion and suggests practical ways to encourage pupils' creative development in a new and more thoughtful way.

Computational creativity is an emerging field of research within AI that focuses on the capacity of machines to both generate and evaluate novel outputs that would, if produced by a human, be considered creative. This book is intended to be a canonical text for this new discipline, through which researchers and students can absorb the philosophy of the field and learn its methods. After a comprehensive introduction to the idea of systematizing creativity the contributions address topics such as autonomous intentionality, conceptual blending, literature mining, computational design, models of novelty, evaluating progress in related research, computer-supported human creativity and human-supported computer creativity, common-sense knowledge, and models of social creativity. Products of this research will have real consequences for the worlds of entertainment, culture, science, education, design, and art, in addition to artificial intelligence, and the book will be of value to practitioners and students in all these domains.

One of the challenges of teaching English as a foreign language (EFL) abroad is the lack of state-of-the-art instructional materials. A solution to the scarcity of effective materials is the implementation of creative classroom activities that move beyond reliance on textbooks. These activities can enliven instruction, and can be developed using realia or other authentic materials from the target culture. In light of this, this book presents a study on creativity in teaching English as a foreign language. It discusses: (Creativity in Educational Program, Understanding Creativity, Creativity Thinking and Critical Thinking, Learning-Teaching Creativity and The Consensual Assessment Technique of Creativity).

This textbook is a systematic and straightforward introduction to the interdisciplinary study of creativity. Each chapter is written by one or more of the world's experts and features the latest research developments, alongside foundational knowledge. Each chapter also includes an introduction, key terms, and critical thought questions to promote active learning. Topics and authors have been selected to represent a comprehensive and balanced overview. Any reader will come away with a deeper understanding of how creativity is studied – and how they can improve their own creativity.

Reignite your creative-thinking skills to produce innovative solutions Organizational Creativity: A Practical Guide for Innovators and Entrepreneurs by Gerard J. Puccio, John F. Cabra, and Nathan Schwagler, is a compelling new text designed to transform the reader into a creative thinker and leader. Arguing that creativity is an essential skill that must be developed, the authors take a highly practical approach, providing strategies, tools, and cases to help readers hone their creative abilities. Whether students are preparing to become entrepreneurs or to work in an established firm, this text will help them survive and thrive in an era of innovation and change.

Shares twenty-five strategies for developing creativity in your students, your colleagues, and yourself.

Compared to its 'cousin' innovation, academic research on creativity has been less well covered in journals and books. This is despite the fact that creativity has a profound role in many different subject disciplines. This book is a unique collection of some of the latest research from a range of leading creativity researchers. Providing a clear understanding of the main concepts, this book: Introduces creativity from an inter-disciplinary perspective Discusses the environmental determinants of creativity development Explores creativity research in the differing disciplines of business, music and education Creativity Research will be of interest and importance to researchers across a variety of subject disciplines, as well as students and practitioners of creativity, innovation and organizational behaviour, amongst others. Developing students' creative problem-solving skills is paramount to today's teachers, due to the exponentially growing demand for cognitive plasticity and critical thinking in the workforce. In today's knowledge economy, workers must be able to participate in creative dialogue and complex problem-solving. This has prompted institutions of higher education to implement new pedagogical methods such as problem-based and case-based education. The Handbook of Research on Creative Problem-Solving Skill Development in Higher Education is an essential, comprehensive collection of the newest research in higher education, creativity, problem solving, and pedagogical design. It provides the framework for further research opportunities in these dynamic, necessary fields. Featuring work regarding problem-oriented curriculum and its applications and challenges, this book is essential for policy makers, teachers, researchers, administrators, students of education.

Creativity development is a nonlinear and multifaceted process starting early in life. This new thematic issue incorporates recent insights into the intersection of creativity research and developmental science. Specifically, it addresses the development of creativity with a focus on childhood and adolescence with a multidisciplinary perspective, including developmental, neurobiological, intercultural, educational,

psychosocial, and differential approaches. Topics covered include: The foundation of adult creativity in childhood and adolescence, Developmental perspectives on the issue of domain generality–specificity of creativity, The neurobiological basis of creativity in childhood and adolescence. Commentaries by established proponents of the field integrate meaningfully these multiple insights on creativity development, as a reference for developmental scientists, creativity researchers, and practitioners. This is the 151st volume in this Jossey-Bass series New Directions for Child and Adolescent Development. Its mission is to provide scientific and scholarly presentations on cutting edge issues and concepts in this subject area. Each volume focuses on a specific new direction or research topic and is edited by experts from that field.

Creative criminals commit highly effective, novel crimes. From consumer fraud to terrorism, how can these creative criminals be stopped?

The Cambridge Handbook of Creativity is a comprehensive scholarly handbook on creativity from the most respected psychologists, researchers and educators. This handbook serves both as a thorough introduction to the field of creativity and as an invaluable reference and current source of important information. It covers such diverse topics as the brain, education, business, and world cultures. The first section, 'Basic Concepts', is designed to introduce readers to both the history of and key concepts in the field of creativity. The next section, 'Diverse Perspectives of Creativity', contains chapters on the many ways of approaching creativity. Several of these approaches, such as the functional, evolutionary, and neuroscientific approaches, have been invented or greatly reconceptualized in the last decade. The third section, 'Contemporary Debates', highlights ongoing topics that still inspire discussion. Finally, the editors summarize and discuss important concepts from the book and look to what lies ahead.

Sternberg also looks at the role intelligence plays in determining a person's creativity. Drawing on an innovative summer program he developed for fostering creativity, Sternberg shows that the traditional high-IQ student, typically labeled "gifted" in our schools, often does very poorly when it comes to producing original, insightful ideas. As he shows, because our schools prize almost exclusively the ability to memorize and analyze material, the development of original thinking is given short shrift. Sternberg also looks at the role knowledge of a field, as well as particular styles of thinking, personality, and motivation, play in the development of creativity. He concludes that it is the right amount and balance of these factors that makes for a fully creative person.

This book reviews research on creative growth across the lifespan and modalities in creative facilitation for researchers and practitioners.

In a world plagued by enormous, complex problems requiring long-range vision and interdisciplinary insights, the need to attend to the influence of dogmatic thinking on the development of high ability and creative intelligence is pressing. This volume introduces the problem of dogmatism broadly, explores the nature and nuances of dogmatic thinking from various disciplinary perspectives, and applies the gleaned insights to what is known about creativity. Bringing together leading thinkers in the fields of creative studies and education, and in other relevant fields (history, sociology, psychology) whose work pertains to the various dimensions of dogmatism and the ethical problems it generates, this panoramic view represents interdisciplinary bridge building with the potential to generate new insights about the education of creative young minds.

Animal Creativity and Innovation explores theories and research on animal innovation and creativity, comparing and contrasting it with theory and research on human creativity and innovation. In doing so, it encompasses findings from psychology, biology, neuroscience, engineering, business, ecology, and education. The book includes examples of animal innovation in parrots, dogs, marine mammals, insects, and primates, exploring parallels from creative play in children. The book defines creativity, differentiating it from play, and looks at evolutionary models and neurological constructs. The book further explores applied aspects of animal innovation and creativity including tool use and group dynamics, as well as barriers to creativity. The final chapters look into how creative behavior may be taught or trained. Each chapter is followed by a commentary for integration of thoughts and ideas between animal and human research, behavioral and cognitive research, and theory and observation in real life. Compares theory and research on animal and human creativity Defines and differentiates creativity from play Reviews applied creativity in tool use and social dynamics Includes examples of animal creativity in multiple species

This volume presents a distinctly multilevel perspective on creativity and innovation that considers individual-level, team-level, and firm-level factors. In illustrating these factors, this volume presents both theoretical and practical implications to guide researchers and practitioners alike in the continued study and advancement of creativity and innovation in organizations. Chapter authors not only discuss the abilities, personality, and motivational attributes that contribute to employee creativity, but they also address the impact of leadership and climate on creative performance in teams. Subsequently, firm-level influences such as planning, learning, strategy, and professions that influence the success of creative and innovative efforts are examined. With contributions from leading scholars around the globe, this book offers a comprehensive review of creativity and innovation to assist researchers and practitioners in their quests to understand and improve organizational creativity and innovation. This is an essential resource for scholars, researchers, or graduate students interested in creativity, innovation, and organizational behavior.

"...Full of keen and illuminating insight...Written with creative flair and great elegance." Robert Olen Butler Author, A Good Scent from a Strange Mountain Winner of the 1993 Pulitzer Prize in Fiction "...Witty, charming, and informative...Creativity 101 makes a convincing case for the importance of creativity in society, in our schools, and in our daily lives....And no, we aren't related." Scott Barry Kaufman, PhD Author, The Psychology of Creative Writing "[An] excellent primer or review of what is out there in terms of research, definitions, theoretical considerations, and leading thinkers in the world of creativity."--Gifted and Talented International What is creativity and how can we measure it? Creativity 101 serves as a brief, engaging introduction to the field of creativity. Dr. Kaufman presents the cutting-edge research and analyzes new and emerging theories in the field. This book investigates the many definitions of creativity, as well as how it is manifested and measured in schools, the workplace, business, art, media, and more. Key Topics Discussed: The "Four Ps" of creativity: person, product, process, and press How creativity influences personality, motivation, intelligence, and talent The dark side of creativity: the remarkable relationship between creativity and mental illness Emerging directions in creativity research, with discussions on neuroscience, the media, and literature The Psych 101 Series Short, reader-friendly introductions to cutting-edge topics in psychology. With key concepts, controversial topics, and fascinating accounts of up-to-the-minute research, The Psych 101 Series is a valuable resource for all students of psychology and anyone interested in the field.

As the use of digital technology has grown, so necessarily has the body of research into its effects at the personal, group and organizational levels, but there is no one book that looks at how digital technology has specifically influenced creativity. Digital Creativity: Individuals, Groups, and Organizations discusses all spectrums of influence that digital technologies have on creativity from the individual, team, and organization level. This book offers a new kind of creativity model encompassing all three levels of creativity. It combines each level into a unified creativity framework in which organizations regardless of their industry types could benefit in reengineering their business processes as well as strategies. For this purpose, the book considers various factors that would affect creativity- individuals' digital efficacy, heterogeneity among members (i.e., age, gender, races, tenure, education, and culture, etc), CMC (Computer-Mediated Communication), task complexity, exploitation, exploration, culture, organizational learning capability, and knowledge networks among members. This book introduces a theorized and systematic glimpse into the exciting realm of digital creativity. It is organized with contents starting from individuals to teams and ultimately to organizations, each with various techniques and cases. Each chapter shows how individuals, teams, and organizations can become more creative through use of digital technologies.

How do we develop musical creativity? How is musical creativity nurtured in collaborative improvisation? How is it used as a communicative tool in music therapy? This comprehensive volume offers new research on these questions by an international team of experts from the fields of music education, music psychology and music therapy. The book celebrates the rich diversity of ways in which learners of all ages develop and use musical creativity. Contributions focus broadly on the composition/improvisation process, considering its conceptualization and practices in a number of contexts. The authors examine how musical creativity can be fostered in formal settings, drawing examples from primary and secondary schools, studio, conservatoire and university settings, as well as specialist music schools and music therapy sessions. These essays will inspire readers to think deeply about musical creativity and its development. The book will be of crucial interest to music educators, policy makers, researchers and students, as it draws on applied research from across the globe, promoting coherent and symbiotic links between education, music and psychology research.

World renowned psychologist Robert Sternberg presents a fresh and compelling picture of the creative process from the inception of an idea to its ultimate success. With illuminating examples, Sternberg reveals the paths we all can take to become more creative and shows how institutions can learn to foster creativity. "What is creative is new and often brings about positive change. But what is new is also strange, and what is strange can be scary, even threatening—which is why 'they' don't want to hear it. But they are unwise not to listen, for the creative person with original ideas is the one who, with support, will advance and improve the milieu to the benefit of all." —from *Defying the Crowd*

This comprehensive handbook for teachers presents an overview of creativity from the psychological and educational perspectives. It includes the biological and neural bases of creativity and covers the practical methods of fostering creativity. With contributions from eminent scholars in the field, the book consists of four parts, namely development, theories, education, and practice and pedagogy. The book serves as a reference source on the historical development, concepts, theories and practical applications of creativity.

An international panel of distinguished experts explores the balance between creativity and wise action, and calls for educators to nurture "wise creativity" in their students.

An expert shows how to cultivate "aha" moments—flashes of insight—that lead to business innovation and personal success. • Includes over 100 interviews with people of diverse ages, jobs, organizations, and perspectives about how they encourage aha! experiences in themselves and others • Presents multiple frameworks to illustrate how the insight experience happens and what activities help encourage it • Offers endnotes and additional sources to explore • Includes exercises and puzzles to encourage creativity and generate ideas

Michael D. Mumford

Provides 40 research-based, illustrated lessons and demonstrates how to design units that help students apply analytical, creative, and practical thinking skills to solve problems and make decisions.

Explaining Creativity is a comprehensive and authoritative overview of scientific studies on creativity and innovation. Sawyer discusses not only arts like painting and writing, but also science, stage performance, business innovation, and creativity in everyday life. Sawyer's approach is interdisciplinary. In addition to examining psychological studies on creativity, he draws on anthropologists' research on creativity in non-Western cultures, sociologists' research on the situations, contexts, and networks of creative activity, and cognitive neuroscientists' studies of the brain.

With this book, museum professionals can learn how to unleash creative potential throughout their institution. Drawing from a wide range of research on creativity as well as insights from today's most creative museum leaders, the authors present a set of practical principles about how museum workers at any level—not just those in "creative positions"—can make a place for creativity in their daily practice. Replete with creativity exercises and stories from the field, the book guides readers in developing an internal culture of creative learning, as well as delivering increased value to museum audiences.

To maintain their status in the global marketplace, it is imperative for emerging economies to focus on the creation of high quality products in order to compete with organizations worldwide. To increase their economic momentum, it is necessary to utilize innovative and creative strategies to discovery and produce desirable goods. *Design Education for Fostering Creativity and Innovation in China* discusses the issues surrounding Chinese policy by analyzing the role design education plays in fostering an innovation-based economy. This compendium of contemporary research explores the challenges and opportunities presented by design education, and strategies to foster creativity to sustain China's economic progress. This book is ideal for educators, administrators, students of education, and policy makers in China and abroad.

With few exceptions, scholarship on creativity has focused on its positive aspects while largely ignoring its dark side. This includes not only creativity deliberately aimed at hurting others, such as crime or terrorism, or at gaining unfair advantages, but also the accidental negative side effects of well-intentioned acts. This book brings together essays written by experts from various fields (psychology, criminal justice, sociology, engineering, education, history, and design) and with different interests (personality development, mental health, deviant behavior, law enforcement, and counter-terrorism) to illustrate the nature of negative creativity, examine its variants, call attention to its dangers, and draw conclusions about how to prevent it or protect society from its effects.

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This Handbook offers an insightful journey through the landscape of research methods used to study the phenomenon of creativity. Offering a methodological panorama for the global community of creativity researchers, contributors provide markers and waypoints to better orient scholars and encourage reflection on how one might produce exceptional research on the burgeoning field of creativity.

This edited volume provides a venue for scholars whose work challenges the typical, static conceptions, and methods of studying creativity. More specifically, the book will serve as an effort to introduce more dynamic definitions, conceptions, and approaches for studying creativity in the context of educational practice. By doing so, it feeds the strong contemporary need for more dynamic conceptions of creativity in educational settings. This is particularly important given the fast evolution of modern society and the widespread consensus that efforts to develop creative potential should be democratized -- extending well beyond the boundaries of the gifted subset and the walls of the classroom. This work recognizes that more dynamic perspectives on creativity are necessary for understanding its complexity, value, and meaning in educational contexts.

This first volume of the Collected Works of Mihaly Csikszentmihalyi represents his work on Art and Creativity. Starting with his seminal 1964 study on creativity up to his 2010 publication in Newsweek, the volume spans over four decades of research and writing and clearly shows Csikszentmihalyi's own development as an academic, psychologist, researcher and person. Unconventional and unorthodox in his approach, Csikszentmihalyi chose the topic of creativity as a field of study believing it would help him be a better psychologist and advance his understanding of how to live a better life. The chapters in this volume trace the history of the study of creativity back to the days of Guilford and research on IQ and Jacob Getzels' work on creativity and intelligence. Firmly grounded in that history, yet extending it in new directions, Mihaly Csikszentmihalyi started his life-long study on artistic creativity. His first extensive study at the School of the Art Institute of Chicago enabled him to observe, test and interview fine art students drawing in a studio. The study formed the very basis of all his work on the subject and has resulted in several articles, represented in this volume, on such creativity-related concepts as problem solving versus problem finding, the personality of the artist, the influence of the social context, creativity as a social construction, developmental issues and flow. The main contribution to the topic of creativity and also the main concept explored in this volume, is the Systems Model of Creativity. Seven chapters in this volume discuss the development of this conceptual model and theory.

"This is a book about who we are today, and how we have become who we are. It is about the engineers of the modern soul, the entrepreneurial self. It is essential reading for all those who care about the incessant demands placed on us to become more than we are, to become entrepreneurs of our selves, to maximise and optimise our capacities in ways that align personal identity and political responsibility." - Professor Peter Miller, London School of Economics & Political Science Ulrich Bröckling claims that the imperative to act like an entrepreneur has turned ubiquitous. In Western society there is a drive to orient your thinking and behaviour on the objective of market success which dictates the private and professional spheres. Life is now ruled by competition for power, money, fitness, and youth. The self is driven to constantly improve, change and adapt to a society only capable of producing winners and losers. The Entrepreneurial Self explores the series of juxtapositions within the self, created by this call for entrepreneurship. Whereas it can expose unknown potential, it also leads to over-challenging. It may strengthen self-confidence but it also exacerbates the feeling of powerlessness. It may set free creativity but it also generates unbounded anger. Competition is driven by the promise that only the capable will reap success, but no amount of effort can remove the risk of failure. The individual has no choice but to balance out the contradiction between the hope of rising and the fear of decline. Ulrich Bröckling is Professor of Cultural Sociology at the Albert-Ludwigs-University Freiburg, Germany.

Although winning a major competitive scholarship, such as the Rhodes or Marshall, is a strong marker for later success, there has been little serious research on how these scholarships are given and how the process could be improved. This book, the fruits of a discussion on "strengthening nationally and internationally competitive scholarships," presents studies that address issues of identifying leadership and creativity in the young, analyze alternative methods of selection, make suggestions for the proper evaluation of scholarship programs, and look at the backgrounds of American Rhodes Scholars. An introduction by the editors provides an overview of the issues. Philanthropic and Nonprofit Studies -- Dwight F. Burlingame and David C. Hammack, editors

Scientific Inquiry into Human Potential explores the intellectual legacy and contemporary understanding of scientific research on human intelligence, performance, and productivity. Across nineteen chapters, some of the most eminent scholars of learning and psychology recount how they originated, distinguished, measured, challenged, and adapted their theories on the nature and nurture of human potential over decades of scientific research. These accessible, autobiographical accounts cover a spectrum of issues, from the biological underpinnings and developmental nature of human potential to the roles of community, social interaction, and systematic individual differences in cognitive and motivational functioning. Researchers, instructors, and graduate students of education, psychology, sociology, and biology will find this book not only historically informative but inspiring to their own ongoing research journeys, as well.

The first edition of the successful Encyclopedia of Creativity served to establish the study of creativity is a field in itself. Now completely updated and revised in its second edition, coverage encompasses the definition of creativity, the development and expression of creativity across the lifespan, the environmental conditions that encourage or discourage creativity, creativity within specific disciplines like music, dance, film, art, literature, etc., the relationship of creativity and mental health, intelligence, and learning styles, and the process of being creative. This reference also appeals to a lay audience with articles specifically on the application of creativity to business settings. Available online via ScienceDirect and in limited print release. Named a 2012 Outstanding Academic Title by the American Library Association's Choice publication Serves as a compendium of reviews of a number of domain-specific areas, such as acting, dance, expressive arts, film, food, music, religion, science, sports, theater, and writing. Creativity and education are examined in articles about thought processes, such as developmental trends in creative abilities and potentials, the enhancement of creativity, intelligence, knowledge, play, prodigies, programs and courses, talent and teaching creativity. Cognitive aspects of creativity can be investigated in articles about altered and transitional states, analogies, attention, cognitive style, divergent thinking, flow and optimal experience, metacognition, metaphors, problem-finding, problem-solving, and remote associates. Covers business and organizational creativity in articles about advertising with art, creative visuals, business/management, creativity coaching, creativity exercises, entrepreneurship, group dynamics, innovation, leadership, organizational culture, organizational development, teams, and training, among others. Explicitly examines the complex interrelationship between society and creativity in articles about awards, conformity and conventionality, the creative sector and class of society, cultural diversity, the dark side of creativity, East vs. West, networking, social psychology, war, zeitgeist, and others. Personal and interpersonal creativity is discussed in articles relating to collaboration, family, life stages, mentors, networking, personal creativity and self-actualization. Focuses on scientific information about creativity, there are also articles that discuss brain and neuropsychology, concepts of creativity, definitions of creativity, expertise, longitudinal studies, researching art, artists and art audiences, research methods, phenomenology research and qualitative research. Online version contains an additional 26 biographies of famously creative people

This book provides an overview of the approaches of leading scholars to understanding the nature of creativity, its measurement, its investigation, its development, and its importance to society. The authors are the twenty-four psychological scientists who are most frequently cited in the four major textbooks on creativity, and they can thus be considered among the most eminent living scholars in the field. Authors discuss how they define creativity, the kinds of questions they have addressed, theories they have proposed, and a description of their research

and the most interesting empirical results it has produced. The chapters represent a wide range of substantive and methodological emphases, including psychometric, cognitive, expertise-based, developmental, neuropsychological, cultural, systems, and group-difference approaches. The Nature of Human Creativity brings together an incredible diversity of viewpoints, helping students and researchers to see the points of consensus as well as the differences in contemporary perspectives.

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