

Canadian Community As Partner Theory And Multidisciplinary Practice

Musical Creativity **Multidisciplinary Approaches to Theory in Medicine** *Surgical Oncology* *Canadian Community as Partner* **E-Health Technology** *Adolescent Health Handbook of Jealousy* *Canadian Community as Partner* *The Future of Play Theory* **Multidisciplinary Scheduling: Theory and Applications** *Canadian Community as Partner* **Multidisciplinary Perspectives on Teacher Evaluation** *Applied Interdisciplinary Theory in Health Informatics* **Essentials of Game Theory** *Theories of Information, Communication and Knowledge* **Interdisciplinary Learning and Teaching in Higher Education** *Multidisciplinary Perspectives on Grit* *The Interdisciplinary Handbook of Perceptual Control Theory* *Theory and Research in Promoting Public Health* **Multidisciplinary Approaches to Educational Research** **Musical Creativity** *Disaster Theory* *Theories of Political Protest and Social Movements* *Understanding Expertise* *HCI Models, Theories, and Frameworks* **Progress(es), Theories and Practices** **Multidisciplinary Scheduling: Theory and Applications** *Interdisciplinarity* **The International Trafficking of Human Organs** **Proceedings of the 1st International Congress on Activity Theory** *Creative Technologies for Multidisciplinary Applications* *Inquiry-Based Learning for Multidisciplinary Programs* **Enhancing Communication & Collaboration in Interdisciplinary Research** **Case Studies in Interdisciplinary Research** *The Measurement of Health and Health Status* **Landslides and Engineered Slopes. Experience, Theory and Practice** **Positive Systems: Theory and Applications** *Web Search* **Canonical Duality Theory** **Nursing Science**

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Progress(es), Theories and Practices Sep 11 2020 The texts presented in Proportion Harmonies and Identities (PHI) - Progress(es) - Theories and Practices were compiled with the intent to establish a platform for the presentation, interaction and dissemination of research. It aims also to foster the awareness of and discussion on the topics of Harmony and Proportion with a focus on different progress visions and readings relevant to Architecture, Arts and Humanities, Design, Engineering, Social and Natural Sciences, Technology and their importance and benefits for the community at large. Considering that the idea of progress is a major matrix for development, its theoretical and practical foundations have become the working tools of scientists, philosophers, and artists, who seek strategies and policies to accelerate the development process in different contexts.

Multidisciplinary Scheduling: Theory and Applications Aug 11 2020 The scheduling research field has been active and expanding for over forty years. In that time, the field has attracted a wealth of international interest from a variety of academic disciplines. This field has been a truly inter-disciplinary research area, with significant scientific advances have come from the disciplines of Information Technology and Computer Science, Mathematics and Operations Research, Manufacturing, Management, Business, Engineering, Psychology and Statistics. Nevertheless, after forty years of research, scheduling and IT systems have only scratched the surface of the benefits that can be realized from this field. **MULTIDISCIPLINARY SCHEDULING: Theory and Applications** is a volume of nineteen reviewed papers that were selected from the sixty-seven papers presented during the First Multidisciplinary International Conference of Scheduling: Theory and Applications (MISTA). This is the initial volume of MISTA—the primary forum on interdisciplinary research on scheduling. Each paper in the volume has been rigorously reviewed and carefully copyedited to ensure the volume's readability. The book contains leading edge papers on the fundamentals of scheduling, multi-criteria objective scheduling, personnel scheduling, scheduling in space, scheduling the Internet, machine scheduling, bin packing, educational timetabling, sports scheduling, transport scheduling, aircraft scheduling, and heuristic and meta-heuristic scheduling. The MISTA volume aims to help set the agenda for interdisciplinary scheduling research and to help the community carryout a long term interdisciplinary research program aimed at developing visionary approaches to the scheduling problems and scheduling related problems of today and tomorrow that are vital to the smooth and efficient running of industry, commerce and the service sector. The book will be of interest to all who need to know the state-of-the-art in scheduling, whether they are experienced or new to the area.

The Interdisciplinary Handbook of Perceptual Control Theory May 20 2021 The Interdisciplinary Handbook of Perceptual Control Theory brings together the latest research, theory, and applications from W. T. Powers' Perceptual Control Theory (PCT) that proposes that the behavior of a living organism lies in the control of perceived aspects of both itself and its environment. Sections cover theory, the application of PCT to a broad range of disciplines, why perceptual control is fundamental to understanding human nature, a new way to do research on brain processes and behavior, how the role of natural selection in behavior can be demystified, how engineers can emulate human purposeful behavior in robots, and much more. Each chapter includes an author biography to set the context of their work within the development of PCT. Presents case studies that show how PCT can be applied in different disciplines Illustrates the Test for the Controlled Variable (TCV) and the construction of functional models as fruitful alternatives to mainstream experimental design when studying behavior Shows how theory illuminates structure and functions in brain anatomy Compares and contrasts PCT with other contemporary, interdisciplinary theories

Multidisciplinary Approaches to Educational Research Mar 18 2021 This book provides an original perspective on a range of controversial issues in educational and social research through case studies of multi-disciplinary and mixed-method research involving children, teachers, schools and communities in Europe and the developing world. These case studies from researchers "across continents" and "across disciplines" explore a range of interesting issues, including the relevance of research approaches to very different national settings, and to the kinds of questions being asked; the barriers of language and culture between researcher and researched; articulating the thinking and feelings of very young children; the challenges of dealing with "partiality" of data; issues of identity, subjectivity and reflexivity; and transferring research approaches from one national setting to the problems posed in another.

Theories of Information, Communication and Knowledge Aug 23 2021 This book addresses some of the key questions that scientists have been asking themselves for centuries: what is knowledge? What is information? How do we know that we know something? How do we construct meaning from the perceptions of things? Although no consensus exists on a common definition of the concepts of information and communication, few can reject the hypothesis that information – whether perceived as « object » or as « process » - is a pre-condition for knowledge. Epistemology is the study of how we know things (anglophone meaning) or the study of how scientific knowledge is arrived at and validated (francophone conception). To adopt an epistemological stance is to commit oneself to render an account of what constitutes knowledge or in procedural terms, to render an account of when one can claim to know something. An epistemological theory imposes constraints on the interpretation of human cognitive interaction with the world. It goes without saying that different epistemological theories will have more or less restrictive criteria to distinguish what constitutes knowledge from what is not. If information is a pre-condition for knowledge acquisition, giving an account of how knowledge is acquired should impact our comprehension of information and communication as concepts. While a lot has been written on the definition of these concepts, less research has attempted to establish explicit links between differing theoretical conceptions of these concepts and the underlying epistemological stances. This is what this volume attempts to do. It offers a multidisciplinary exploration of information and communication as perceived in different disciplines and how those perceptions affect theories of knowledge.

Canonical Duality Theory Jul 30 2019 This book on canonical duality theory provides a comprehensive review of its philosophical origin, physics foundation, and mathematical statements in both finite- and infinite-dimensional spaces. A ground-breaking methodological theory, canonical duality theory can be used for modeling complex systems within a unified framework and for solving a large class of challenging problems in multidisciplinary fields in engineering, mathematics, and the sciences. This volume places a particular emphasis on canonical duality theory's role in bridging the gap between non-convex analysis/mechanics and global optimization. With 18 total chapters written by experts in their fields, this volume provides a nonconventional theory for unified understanding of the fundamental difficulties in large deformation mechanics, bifurcation/chaos in nonlinear science, and the NP-hard problems in global optimization. Additionally, readers will find a unified methodology and powerful algorithms for solving challenging problems in complex systems with real-world applications in non-convex analysis, non-monotone variational inequalities, integer programming, topology optimization, post-buckling of large deformed structures, etc. Researchers and graduate students will find explanation and potential applications in multidisciplinary fields.

Canadian Community as Partner Aug 03 2022 This is the Canadian adaptation of the Fifth Edition of the AJN award-winning *Community as Partner* text.

Focusing on public health promotion practices in Canada, this text examines the contemporary public health nurse's role as a hands-on caregiver, community detective, and epidemiologist. Part One provides a Canadian perspective on community nursing practice and legal, ethical, and sociocultural considerations. Part Two presents the Community as Partner Model, and Part Three contains case studies with Canadian examples. This edition places more emphasis on supportive environments for health, the five strategies of the Ottawa Charter, primary health care, and rural communities.

The Future of Play Theory Feb 26 2022 This book looks at the impact of play on child development.

Understanding Expertise Nov 13 2020 What makes an expert? What strategies do they use? If you're an expert in one domain, are you more likely to become an expert in a second? In examining questions like these, Professor Fernand Gobet provides a comprehensive overview of the field of expertise. With research from a wide range of disciplines, including psychology, neuroscience, sociology, philosophy, education, law and artificial intelligence, this is the definitive guide to the subject. *Understanding Expertise: A Multidisciplinary Approach* - Considers expertise on a number of levels ranging from the neural to the psychological and the social; - Critically evaluates current theories and approaches; - Addresses issues of key importance for society, with implications for training methods and the development of artificial expert systems.

Canadian Community as Partner Dec 27 2021 An essential community health resource for every Canadian nursing student, *Canadian Community as Partner: Theory & Multidisciplinary Practice* delivers an accessible, engaging introduction to the theoretical and practical foundations of community and population health — tailored specifically to the Canadian nurse. The updated Fifth Edition of this acclaimed text familiarizes students with public health and health promotion through the multidisciplinary Canadian Community-as-Partner (CCAP) model and includes realistic case studies reflecting a range of contemporary Canadian settings, empowering students to confidently meet the needs of diverse populations and develop into an effective community participant.

Case Studies in Interdisciplinary Research Jan 04 2020 *Case Studies in Interdisciplinary Research* successfully applies the model of the interdisciplinary research process outlined by author Allen F. Repko in *Interdisciplinary Research*, (SAGE ©2008) to a wide spectrum of challenging research questions. Self-contained case studies, written by leaders in interdisciplinary research, and utilizing best-practice techniques in conducting interdisciplinary research shows students how to apply the interdisciplinary research process to a variety of problems.

Disaster Theory Jan 16 2021 *Disaster Theory: An Interdisciplinary Approach to Concepts and Causes* offers the theoretical background needed to understand what disasters are and why they occur. Drawing on related disciplines, including sociology, risk theory, and seminal research on disasters and emergency management, *Disaster Theory* clearly lays out the conceptual framework of the emerging field of disaster studies. Tailored to the needs of advanced undergraduates and graduate students, this unique text also provides an ideal capstone for students who have already been introduced to the fundamentals of emergency management. *Disaster Theory* emphasizes the application of critical thinking in understanding disasters and their causes by synthesizing a wide range of information on theory and practice, including input from leading scholars in the field. Offers the first cohesive depiction of disaster theory Incorporates material from leading thinkers in the field, as well as student exercises and critical thinking questions, making this a rich resource for advanced courses Written from an international perspective and includes case studies of disasters and hazards from around the world for comparing the leading models of emergency response Challenges the reader to think critically about important questions in disaster management from various points of view

Interdisciplinarity Jul 10 2020 In this volume, Julie Klein provides the first comprehensive study of the modern concept of interdisciplinarity, supplementing her discussion with the most complete bibliography yet compiled on the subject. Spanning the social sciences, natural sciences, humanities, and professions, her study is a synthesis of existing scholarship on interdisciplinary research, education and health care. Klein argues that any interdisciplinary activity embodies a complex network of historical, social, psychological, political, economic, philosophical, and intellectual factors. Whether the context is a short-ranged instrumentality or a long-range reconceptualization of the way we know and learn, the concept of interdisciplinarity is an important means of solving problems and answering questions that cannot be satisfactorily addressed using singular methods or approaches.

Inquiry-Based Learning for Multidisciplinary Programs Mar 06 2020 This volume covers the many issues and concepts of how IBL can be applied to multidisciplinary programs and serves as a conceptual and practical resource and guide for educators and offers practical examples of IBL in action and diverse strategies on how to implement IBL in different contexts.

Adolescent Health Jun 01 2022 Examines theories from a variety of professional disciplines that provide frameworks for understanding adolescent health behavior and health outcomes.

Multidisciplinary Approaches to Theory in Medicine Oct 05 2022 This volume will be a collection of chapters from authors with wide experience in their research field. The purpose is to produce a coherent book that reflects the common theme of theory in medical thinking and multidisciplinary research practice. In this context "theory" relates to frameworks of concepts, facts, models etc that help to inform practitioners (clinicians, scientists and engineers) both within their own fields and as they seek to share dialogue with colleagues from other fields. *Multidisciplinary Approaches to Theory in Medicine* will therefore be integrative across a broad spectrum of fields within medicine. To achieve this the chapters will be associated with others in a number of meaningful ways. Each chapter will share a number of points of contact that will include at least two of the following: Similar biomedical area (e.g., immunity, neuroscience, endocrinology, pathology, oncology, haematology, .) Similar multidisciplinary theoretical contexts (e.g., modelling, analysis, description, visualization, complex systems, .) Similar multidisciplinary medical issues and questions (e.g., clinical practice, decision making, informatics, .) Uniquely explores role of interdisciplinary exchange in the development and expansion of medical theory Timely and insightful essays on the growth and development of medical theories from some of the world's top clinicians and medical researchers, including Werner Arber, Frank Vertosick, and David Weatherall Assembles diverse perspectives on medicine and physiology from biology, statistics, ethics, computer science, philosophy, history Uniquely illuminates the social and historical processes through which theoretical research translates into clinical practice Reveals the growing role of technology, especially computational modelling, in changing the nature of Western medicine

Multidisciplinary Scheduling: Theory and Applications Jan 28 2022 *Multidisciplinary Scheduling: Theory and Applications* is a volume of nineteen reviewed papers that were selected from the sixty-seven papers presented during the First Multidisciplinary International Conference of Scheduling (MISTA). This is the initial volume of MISTA—the primary forum on interdisciplinary research on scheduling research. Each paper in the volume has been rigorously reviewed and carefully copyedited to ensure its readability. The MISTA volume focuses on the following leading edge topics: Fundamentals of Scheduling, Multi-Criteria Scheduling, Personnel Scheduling, Scheduling in Space, Scheduling the Internet, Machine Scheduling, Bin Packing, Educational Timetabling, Sports Scheduling, and Transport Scheduling.

Essentials of Game Theory Sep 23 2021 Game theory is the mathematical study of interaction among independent, self-interested agents. The audience for game theory has grown dramatically in recent years, and now spans disciplines as diverse as political science, biology, psychology, economics, linguistics, sociology, and computer science, among others. What has been missing is a relatively short introduction to the field covering the common basis that anyone with a professional interest in game theory is likely to require. Such a text would minimize notation, ruthlessly focus on essentials, and yet not sacrifice rigor. This Synthesis Lecture aims to fill this gap by providing a concise and accessible introduction to the field. It covers the main classes of games, their representations, and the main concepts used to analyze them.

Creative Technologies for Multidisciplinary Applications Apr 06 2020 Given that institutions of higher education have a predisposition to compartmentalize and delineate areas of study, creative technology may seem oxymoronic. On the contrary, the very basis of western thought is found in the idea of transcendent knowledge. The marriage of opposing disciplines therefore acts as a more holistic approach to education. *Creative Technologies for Multidisciplinary Applications* acts as an inspiration to educators and researchers who wish to participate in the future of such multidisciplinary disciplines. Because creative technology encompasses many applications with the realm of art, gaming, the humanities, and digitization, this book features a diverse collection of relevant research for the modern world. It is a pivotal reference publication for educators, students, and researchers in fields related to sociology, technology, and the humanities.

Nursing Science Jun 28 2019 Inhdold: Rosemarie Rizzo Parse: Paradigms and Theories. Hildegard E. Peplau: Nursing Science: A Historical Perspective. Callista Roy: Roy's Adaptation Model. Mary H. Huch: A Critique of the Roy Adaptation Model. Dorothea E. Orem: Orem's General Theory of Nursing. Mary Jane Smith: A Critique of Orem's Theory. Imogen M. King: King's Theory of Goal Attainment. Sharon J. Magan: A Critique of King's Theory. Rosemarie Rizzo Parse: The Simultaneity paradigm. Martha E. Rogers: Rogers's Science of Unitary Human Beings. Ann L. Whall: A Critique of Roger's Framework. Rosemarie Rizzo Parse: Parse's Man-Living-Health Theory of Nursing. John R. Philips: A Critique of Parse's Man-Living-Health Theory.

Interdisciplinary Learning and Teaching in Higher Education Jul 22 2021 As universities increasingly offer courses that break the confines of a single subject area, more students are enrolling on interdisciplinary programmes within multidisciplinary departments. Teaching and learning within interdisciplinary study requires new approaches, including an understanding of the critical perspectives and frameworks and the rearranging of intellectual and professional boundaries. *Interdisciplinary Learning and Teaching in Higher Education* explores the issues and tensions provoked by interdisciplinary learning, offering helpful information for: Staff development Distance learning Mass communication courses Interdisciplinary science courses Grounded in thorough research,

this collection is the first of its kind to provide practical advice and guidance from around the world, improving the quality of teaching and learning in interdisciplinary programmes.

Multidisciplinary Perspectives on Teacher Evaluation Nov 25 2021 In the wake of national interest in teacher evaluation, this book examines what we have learned about how and whether teacher evaluation holds teachers accountable and improves their practice. Drawing on literature in psychology, economics, and sociology, this multi-disciplinary and multi-perspectival book explores teacher evaluation's intended goals of development and accountability, as well as its unintended consequences, especially as they relate to equity. Blending theory from diverse disciplines with decades of research, this book provides new insights into how teacher evaluation has played out in schools across the United States and offers recommendations for research, policy, and practice in the years to come. Insights include how to embed teacher evaluation in a larger culture of continuous learning; rethinking assumptions on accountability and development aims; and highlighting the importance of equity in the design, implementation, and outcomes of teacher evaluation. Every chapter concludes with practical recommendations informed by theory and research to guide policymakers, researchers, and district and school leaders as they seek to understand, design, and implement better teacher evaluation systems.

Proceedings of the 1st International Congress on Activity Theory May 08 2020

The Measurement of Health and Health Status Dec 03 2019 The Measurement of Health and Health Status: Concepts, Methods and Applications from a Multidisciplinary Perspective presents a unifying perspective on how to select the best measurement framework for any situation. Serving as a one-stop shop that unifies material currently available in various locations, this book illuminates the intuition behind each method, explaining how each method has special purposes, what developments are occurring, and how new combinations among methods might be relevant to specific situations. It especially emphasizes the measurement of health and health states (quality-of-life), giving significant attention to newly developed methods. The book introduces technically complex, new methods for both introductory and technically-proficient readers. Assumes that the best measure depends entirely on the situation Covers preference-based methods, classical test theory, and item response theory Features illustrations and animations drawn from diverse fields and disciplines

Musical Creativity Feb 14 2021 This collection initiates a resolutely interdisciplinary research dynamic specifically concerning musical creativity. Creativity is one of the most challenging issues currently facing scientific psychology and its study has been relatively rare in the cognitive sciences, especially in artificial intelligence. This book will address the need for a coherent and thorough exploration. *Musical Creativity: Multidisciplinary Research in Theory and Practice* comprises seven sections, each viewing musical creativity from a different scientific vantage point, from the philosophy of computer modelling, through music education, interpretation, neuroscience, and music therapy, to experimental psychology. Each section contains discussions by eminent international specialists of the issues raised, and the book concludes with a postlude discussing how we can understand creativity in the work of eminent composer, Jonathan Harvey. This unique volume presents an up-to-date snapshot of the scientific study of musical creativity, in conjunction with ESCOM (the European Society for the Cognitive Sciences of Music). Describing many of the different aspects of musical creativity and their study, it will form a useful springboard for further such study in future years, and will be of interest to academics and practitioners in music, psychology, cognitive science, artificial intelligence, neuroscience and other fields concerning the study of human cognition in this most human of behaviours.

Multidisciplinary Perspectives on Grit Jun 20 2021 This volume provides a multi-disciplinary perspective on grit, its measurement, manifestation and development. Specifically, it provides a comprehensive and balanced response to critiques associated with the construct within the contemporary positive psychological literature. These critiques revolve around the lack of consensus in the conceptualisation, measurement, and management of grit, as well as consensus on its difference from other psychological constructs such as conscientiousness, diligence or determination. Therefore, this volume thoroughly reappraises and consolidates the nature, function, measurement and implications of grit in order to effectively advance the science of achievement. It looks at grit scales developed in various countries and evaluates the concept in various aspects of life, from work performance to sports. Written by a team of multidisciplinary experts in fields ranging from neuroscience, sociology, and education to human resource management and psychology, this volume firmly positions grit within the discipline of positive psychology's nomological lexicon.

Surgical Oncology Sep 04 2022 Surgical oncology is now a recognized specialty in the US and several European countries, and cancer surgery takes up a significant part of any general surgeon's workload. This thoroughly updated second edition of this bestseller is officially endorsed as a textbook for the syllabus and curriculum of the UEMS examination in Surgical Oncology, which is administered by ESSO (European Society for Surgical Oncology). The examination is for trainees at the end of training or established consultants seeking to expand their accreditation.

Canadian Community as Partner Mar 30 2022 "The book is organized in three sections: a theoretical section that sets the foundation for how and why we work as partners with the communities we serve; a process section that details the activities of the CCAP model in action; and a section of stories from a variety of contributors that tell the tales of working in and with communities from sea to sea (and overseas)"--Provided by publisher.

Applied Interdisciplinary Theory in Health Informatics Oct 25 2021 The American Medical Informatics Association (AMIA) defines the term biomedical informatics (BMI) as: The interdisciplinary field that studies and pursues the effective uses of biomedical data, information, and knowledge for scientific inquiry, problem solving and decision making, motivated by efforts to improve human health. This book: *Applied Interdisciplinary Theory in Health Informatics: A Knowledge Base for Practitioners*, explores the theories that have been applied in health informatics and the differences they have made. The editors, all proponents of evidence-based health informatics, came together within the European Federation of Medical Informatics (EFMI) Working Group on Health IT Evaluation and the International Medical Informatics Association (IMIA) Working Group on Technology Assessment and Quality Development. The purpose of the book, which has a foreword by Charles Friedman, is to move forward the agenda of evidence-based health informatics by emphasizing theory-informed work aimed at enriching the understanding of this uniquely complex field. The book takes the AMIA definition as particularly helpful in its articulation of the three foundational domains of health informatics: health science, information science, and social science and their various overlaps, and this model has been used to structure the content of the book around the major subject areas. The book discusses some of the most important and commonly used theories relevant to health informatics, and constitutes a first iteration of a consolidated knowledge base that will advance the science of the field.

Handbook of Jealousy Apr 30 2022 Through a compilation of original articles, the Handbook of Jealousy offers an integrated portrait of the emerging areas of research into the nature of jealousy and a forum for discussing the implications of the findings for theories of emotional and socio-cognitive development.

Presents the most recent findings and theories on jealousy across a range of contexts and age-stages of development Includes 23 original articles with empirical findings and detailed commentaries by leading experts in the field Serves as a valuable resource for professionals in the fields of clinical psychology, psychiatry, and social work, as well as scholars in the fields of psychology, family studies, sociology, and anthropology

Web Search Aug 30 2019 Web search engines are not just indispensable tools for finding and accessing information online, but have become a defining component of the human condition and can be conceptualized as a complex behavior embedded within an individual's everyday social, cultural, political, and information-seeking activities. This book investigates Web search from the non-technical perspective, bringing together chapters that represent a range of multidisciplinary theories, models, and ideas.

Landslides and Engineered Slopes. Experience, Theory and Practice Nov 01 2019 *Landslides and Engineered Slopes. Experience, Theory and Practice* contains the invited lectures and all papers presented at the 12th International Symposium on Landslides, (Naples, Italy, 12-19 June 2016). The book aims to emphasize the relationship between landslides and other natural hazards. Hence, three of the main sessions focus on Volcanic-induced landslides, Earthquake-induced landslides and Weather-induced landslides respectively, while the fourth main session deals with Human-induced landslides. Some papers presented in a special session devoted to "Subareal and submarine landslide processes and hazard" and in a "Young Session" complete the books. *Landslides and Engineered Slopes. Experience, Theory and Practice* underlines the importance of the classic approach of modern science, which moves from experience to theory, as the basic instrument to study landslides. Experience is the key to understand the natural phenomena focusing on all the factors that play a major role. Theory is the instrument to manage the data provided by experience following a mathematical approach; this allows not only to clarify the nature and the deep causes of phenomena but mostly, to predict future and, if required, manage similar events. Practical benefits from the results of theory to protect people and man-made works. *Landslides and Engineered Slopes. Experience, Theory and Practice* is useful to scientists and practitioners working in the areas of rock and soil mechanics, geotechnical engineering, engineering geology and geology.

Theories of Political Protest and Social Movements Dec 15 2020 Political protest and social movements are ubiquitous phenomena. This book focuses on the current theoretical approaches that aim at explaining them: the theory of collective action, the resource mobilization perspective, political opportunity structure theory, the identity approach, the framing perspective, and the dynamics of contention approach. The book has three objectives: (1) Many basic concepts like political opportunities or identity are not clearly defined. It is further often a matter of interpretation what factors are supposed to affect which phenomena. The first aim is therefore to provide a detailed introduction to and a clear restatement of the theories. Only then is it possible to assess and improve them. (2) For each theory the major strengths and weaknesses are discussed, and various modifications and extensions are suggested. (3) Building on these analyses, it is shown how the theories can be integrated into a single theoretical paradigm: the structural-cognitive model.

Enhancing Communication & Collaboration in Interdisciplinary Research Feb 03 2020 *Enhancing Communication & Collaboration in Interdisciplinary*

Research, edited by Michael O'Rourke, Stephen Crowley, Sanford D. Eigenbrode, and J. D. Wulfhorst, is a volume of previously unpublished, state-of-the-art chapters on interdisciplinary communication and collaboration written by leading figures and promising junior scholars in the world of interdisciplinary research, education, and administration. Designed to inform both teaching and research, this innovative book covers the spectrum of interdisciplinary activity, offering a timely emphasis on collaborative interdisciplinary work. The book's four main parts focus on theoretical perspectives, case studies, communication tools, and institutional perspectives, while a final chapter ties together the various strands that emerge in the book and defines trend-lines and future research questions for those conducting work on interdisciplinary communication.

Positive Systems: Theory and Applications Oct 01 2019 The proceedings of the First Multidisciplinary International Symposium on Positive Systems Theory and Applications (POSTA 2003) held in Rome, Italy, August 28-30, 2003. Positive Systems are systems in which the relevant variables assume nonnegative values. These systems are quite common in applications where variables represent positive quantities such as populations, goods, money, time, data packets flowing in a network, densities of chemical species, probabilities, etc. The aim of the symposium was to join together researchers working in the different areas related to positive systems such as telecommunications, economy, biomedicine, chemistry and physics in order to provide a multidisciplinary forum where they have the opportunity to exchange ideas and compare results in a unifying framework.

Musical Creativity Nov 06 2022 This collection initiates a resolutely interdisciplinary research dynamic specifically concerning musical creativity. Creativity is one of the most challenging issues currently facing scientific psychology and its study has been relatively rare in the cognitive sciences, especially in artificial intelligence. This book will address the need for a coherent and thorough exploration. **Musical Creativity: Multidisciplinary Research in Theory and Practice** comprises seven sections, each viewing musical creativity from a different scientific vantage point, from the philosophy of computer modelling, through music education, interpretation, neuroscience, and music therapy, to experimental psychology. Each section contains discussions by eminent international specialists of the issues raised, and the book concludes with a postlude discussing how we can understand creativity in the work of eminent composer, Jonathan Harvey. This unique volume presents an up-to-date snapshot of the scientific study of musical creativity, in conjunction with ESCOM (the European Society for the Cognitive Sciences of Music). Describing many of the different aspects of musical creativity and their study, it will form a useful springboard for further such study in future years, and will be of interest to academics and practitioners in music, psychology, cognitive science, artificial intelligence, neuroscience and other fields concerning the study of human cognition in this most human of behaviours.

HCI Models, Theories, and Frameworks Oct 13 2020 HCI Models, Theories, and Frameworks provides a thorough pedagogical survey of the science of Human-Computer Interaction (HCI). HCI spans many disciplines and professions, including anthropology, cognitive psychology, computer graphics, graphical design, human factors engineering, interaction design, sociology, and software engineering. While many books and courses now address HCI technology and application areas, none has addressed HCI's multidisciplinary foundations with much scope or depth. This text fills a huge void in the university education and training of HCI students as well as in the lifelong learning and professional development of HCI practitioners. Contributors are leading researchers in the field of HCI. If you teach a second course in HCI, you should consider this book. This book provides a comprehensive understanding of the HCI concepts and methods in use today, presenting enough comparative detail to make primary sources more accessible. Chapters are formatted to facilitate comparisons among the various HCI models. Each chapter focuses on a different level of scientific analysis or approach, but all in an identical format, facilitating comparison and contrast of the various HCI models. Each approach is described in terms of its roots, motivation, and type of HCI problems it typically addresses. The approach is then compared with its nearest neighbors, illustrated in a paradigmatic application, and analyzed in terms of its future. This book is essential reading for professionals, educators, and students in HCI who want to gain a better understanding of the theoretical bases of HCI, and who will make use of a good background, refresher, reference to the field and/or index to the literature. Contributors are leading researchers in the field of Human-Computer Interaction.

The International Trafficking of Human Organs Jun 08 2020 International illicit trade in human organs is on the increase, fueled by growing demand and unscrupulous traffickers. In order to truly understand the problem of organ trafficking, an analysis should take into account the various perspectives that come into play in this multifaceted issue. With contributions from international scholars and experts, **The International Trafficking of Human Organs: A Multidisciplinary Perspective** provides a broad-based exploration of this controversial phenomenon. Divided into four parts, the book examines the issue of human organ trafficking from the perspectives of criminal justice, business, medicine, ethics, philosophy, and theology. The book begins by presenting case studies of the trafficking of body parts occurring in the U.S. and Mexico. It examines the increase in organ harvesting from Chinese prisoners and describes widespread instances of trafficking in Europe. Diverse perspectives Next, it examines the economic ramifications of possible legislation of the sale of body parts and discusses other proposals for increasing the supply of kidneys and other organs. It explores ethical issues surrounding the kidney shortage and incentives to promote donation. It also offers arguments for and against compensation for transplant organs from Kantian, Dworkinian, and other perspectives. Lastly, theologians discuss opposing Catholic and Protestant perspectives on the sale of human organs. Learning tools Each chapter provides discussion questions to provoke vigorous debate and references to facilitate further study. The wide-ranging analysis provided by this volume is certain to enhance further inquiry into a disturbing and increasingly prevalent issue.

E-Health Technology Jul 02 2022 This is the first book to provide a comprehensive overview of the social and technological context from which eHealth applications have arisen, the psychological principles on which they are based, and the key development and evaluation issues relevant to their successful intervention. Integrating how eHealth applications can be used for both mental and physical health issues, it presents a complete guide to what eHealth means in theory, as well as how it can be used in practice. Inspired by the principles and structure of the CeHRes Roadmap, a multidisciplinary framework that combines and uses aspects from approaches such as human-centred design, persuasive technology and business modelling, the book first examines the theoretical foundations of eHealth and then assesses its practical application and assessment. Including case studies, a glossary of key terms, and end of chapter summaries, this ground-breaking book provides a holistic overview of one of the most important recent developments in healthcare. It will be essential reading for students, researchers and professionals across the fields of health psychology, public health and design technology.

Theory and Research in Promoting Public Health Apr 18 2021 **Theory and Research in Promoting Public Health** is an important text that addresses these questions, exploring the key concepts, debates, and issues involved in multi-disciplinary public health. The book considers the complex and diverse nature of public health and helps readers critically appraise the theories, research, and policies that inform multidisciplinary public health practice.