

neuroimaging personality social cognition and character

[#neuroimaging](#) [#personality traits](#) [#social cognition](#) [#character development](#) [#neuroscience of behavior](#)

Delve into the intricate world where neuroimaging techniques illuminate the brain's role in shaping personality traits, influencing social cognition, and underpinning the very essence of character development. Discover how neuroscience unravels the mysteries of human behavior and moral reasoning.

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Neuroimaging Personality, Social Cognition, and Character

Neuroimaging Personality, Social Cognition, and Character covers the science of combining brain imaging with other analytical techniques for use in understanding cognition, behavior, consciousness, memory, language, visual perception, emotional control, and other human attributes. Multidimensional brain imaging research has led to a greater understanding of character traits such as honesty, generosity, truthfulness, and foresight previously unachieved by quantitative mapping. This book summarizes the latest brain imaging research pertaining to character with structural and functional human brain imaging in both normal individuals and those with brain disease or disorder, including psychiatric disorders. By reviewing and synthesizing the latest structural and functional brain imaging research related to character, this book situates itself into the larger framework of cognitive neuroscience, psychiatric neuroimaging, related fields of research, and a wide range of academic fields, such as politics, psychology, medicine, education, law, and religion. Provides a novel innovative reference on the emerging use of neuroimaging to reveal the biological substrates of character, such as optimism, honesty, generosity, and others. Features chapters from leading physicians and researchers in the field. Contains full-color text that includes both an overview of multiple disciplines and a detailed review of modern neuroimaging tools as they are applied to study human character. Presents an integrative volume with far-reaching implications for guiding future imaging research in the social, psychological and medical sciences, and for applying these findings to a wide range of non-clinical disciplines such as law, politics, and religion. Connects brain structure and function to human character and integrates modern neuroimaging techniques and other research methods for this purpose.

Advances in Experimental Social Psychology

The Advances in Experimental Social Psychology series is the premier outlet for reviews of mature, high-impact research programs in social psychology. Contributions to the series provide defining pieces of established research programs, reviewing and integrating thematically related findings by individual scholars or research groups. Topics discussed in Volume 61 include Worldview Conflict and Prejudice, Money and Happiness, Attitude Representation, Emotion Regulation, and Social Perception. Provides one of the most cited series in the field of experimental social psychology. Contains contributions of

major empirical and theoretical interest Represents the best and brightest in new research, theory, and practice in social psychology

Advances in Group Processes

Advances in Group Processes Volume 39 brings together papers related to a variety of topics in small groups and organizational research reflecting a wide range of theoretical approaches from leading scholars who work in the general area of group processes.

Embodiment and the Arts: Views from South Africa

About the publication Embodiment and the Arts: Views from South Africa presents a diversity of views on the nature and status of the body in relation to acting, advertisements, designs, films, installations, music, photographs, performance, typography, and video works. Applying the methodologies of phenomenology, hermeneutic phenomenology, embodied perception, ecological psychology, and sense-based research, the authors place the body at the centre of their analyses. The cornerstone of the research presented here is the view that aesthetic experience is active and engaged rather than passive and disinterested. This novel volume offers a rich and diverse range of applications of the paradigm of embodiment to the arts in South Africa. Table of Contents List of figures List of tables Acknowledgments Notes on contributors PART 1 Conceptualising embodiment and the arts Chapter 1 Embodiment and the arts in context Jenni Lauwrens 1 Plotting a course 2 Embodiment 3 Aesthetic embodiment 4 The sensorium 5 Too deep for words? 6 Overview of chapters Chapter 2 Enactive cognition in improvising musical ensembles: A South African perspective Marc Duby 1 Introduction 2 The promise of embodied cognition 3 4E cognition: A brief overview 4 Musicking and enactive cognition 5 Conclusion PART 2: Sensory scholarship Chapter 3 Sight/site-specific recording: Embodiment and absence Marc Röntsch 1 Introduction 2 Background 3 Embodiment and artistic research 4 Jazz ensemble playing 5 Blinding 6 On absence 7 Conclusion Chapter 4 The art of touch in remote online environments Jenni Lauwrens 1 Introduction 2 The significance and boundaries of touch 3 Out of touch 4 Holding hands over the internet: Telepresence, co-presence and the promise of digital touch 5 Chasing the Holy Grail of touch 6 Haptic visuality and the memory of touch 7 Conclusion Chapter 5 Outer space and sensory deprivation (or why is outer space so bland?) Amanda du Preez 1 Introduction 2 On blandness 3 What does outer space smell, taste and look like? 4 Falling down or falling up? 5 Gravity mimicked 6 Unfolding within the fourfold 7 Conclusion Chapter 6 The typographic sensorium: A cross-modal reading of letterforms Kyle Rath 1 Introduction: Function(s) of type 2 Design and the typographic sensorium 2.1 Sight: Type as image 2.2 Touch: Type as haptic and kinaesthetic 2.3 Sound: Type as wave-form 2.4 Olfaction: Type as scent and taste 3 Conclusion PART 3: Material presence Chapter 7 A haptic and humanising reading of the subjects of studio portraits and asylum photography in colonial South Africa Rory du Plessis 1 Introduction 2 The Black Photo Album 3 Interpreting photographs from the Orange Free State Asylum, c 1900 3.1 First encounter 3.2 Second encounter 4 Conclusion Chapter 8 Athi-Patra Ruga's politics of disorientation: Queer(y)ing threads Adèle Adendorff 1 Introduction 2 Spinning tales and fashioning avatars 3 The politics of disorientation 3.1 Queer(y)ing phenomenology 3.2 Miss Congo and the table in the drawing-room 4 Casting off: Tying up loose threads Chapter 9 Seeing an image at the University of Pretoria's Africana collection in context Sikho Siyotula 1 Introduction 2 The grass at the University of Pretoria's gates 3 The world visualised in Ethnic map of Southern Africa 4 Visualising the Nguni estate or Shakan period 5 Visualising the Mapungubwe and Zimbabwe estate 6 Conclusion PART 4: Embodied performance and composition Chapter 10 Navigating dissonance: Bodymind and character congruency in acting Émil Haarhoff, Marth Munro and Marié-Heleen Coetzee 1 Introduction 2 Bodymind and embodiment 3 Acting as an embodied craft 4 Actor-character dissonance and heightened awareness 5 Navigating actor-character dissonance 5.1 Choice and reappraisal 5.2 Actively applying heightened bodymind awareness 6 Conclusion Chapter 11 Advocating the importance of nonverbal communication in multimodal actor training Elri Wium and Janine Lewis 1 Introduction 2 Case control study 3 Nonverbal communication as an analysis model 4 Discussion of syncretic behavioural communication design 5 Data collection and analysis through a mixed-methods approach 5.1 Observation study 5.2 Analysis of habitual characterisation (coded narrative recordings) 5.3 Assessing the semi-structured interviews 6 Conclusion Chapter 12 Embodied composition ontologies, process and technology: Gesture heuristics and creative potential in music Miles Warrington 1 Introduction 2 Creative spaces 3 Compositional approaches, processes and models 3.1 Gesture schemas and embodiment of sound 3.2 Gesture signification 3.3 Problem solving and gesture models 3.4 Hyperinstruments 4 Conclusion Index

The Oxford Handbook of Individual Differences in Organizational Contexts

Individual differences represent one of the oldest research areas within psychology and serve as the 'nature' component critical for understanding human behaviour. This domain's constructs have long been applied in organizational spheres, including organizational behaviour, organizational psychology, managerial psychology, personnel psychology, leadership, and management. As a result, there exists a vast body of literature exploring the role of individual differences in organizational settings. The Oxford Handbook of Individual Differences in Organizational Contexts reviews the individual differences, paying attention both to psychological differences (e.g., personality traits, dark personality traits, intelligence types, self-monitoring, chronic regulatory focus) and biological/physiological differences (e.g., sex, age, facial morphology, genetic differences, neurological differences). In doing so, it serves two purposes. First, it aims to help decrease fragmentation in the field, and facilitate discussions among different streams of research within this literature. Secondly, it aims to render this literature more accessible to academics and students wishing to deepen their understanding of individual differences. Comprising twenty-six chapters authored by fifty-seven esteemed academics, this book facilitates readers in comprehending the key findings, questions, and future research areas of individual differences research in organizational contexts. This book can be of interest also to practitioners that need a deep understanding of individual differences, such as HR managers and recruiters.

Twenty Ways to Assess Personnel

We have many ways to assess people, but which method is best? Discover psychology-based methods optimized for accuracy.

The Oxford Handbook of Personality and Social Psychology

Personality and social psychology : moving toward a more perfect union / Mark Snyder and Kay Deaux -- Foundations of personality and social psychology -- The intertwined histories of personality and social psychology / Thomas F. Pettigrew -- Perspectives on the person: rapid growth and opportunities for integration / William Fleeson and Eranda Jayawickreme -- Perspectives on the situation / Harry T. Reis and John G. Holmes -- Neuroscience approaches in social and personality psychology / David M. Amodio, Eddie Harmon-Jones, and Elliot T. Berkman -- Evolutionary perspectives / Steven W. Gangestad -- Context in person, person in context : a cultural psychology approach to social-personality psychology / Glenn Adams and Tugçe Kurtis -- Behavior and behavior assessment / Janice R. Kelly and Christopher R. Agnew -- Conceptual and methodological issues in the analysis of cross-sectional and longitudinal dyadic data / Deborah A. Kashy and M. Brent Donnellan -- Multilevel modeling in personality and social psychology / Oliver Christ, Christopher G. Sibley, and Ulrich Wagner -- Basic processes of personality and social psychology -- The self : dynamics of persons and their situations / Jennifer Crocker and Eddie Brummelman -- Identity : personal and social / Vivian L. Vignoles -- Morality / Jesse Graham and Piercarlo Valdesolo -- Motivation and goal pursuit : integration across the social/personality divide / Julie K. Norem -- Five questions about emotion: implications for social-personality psychology / Gerald L. Clore and Michael D. Robinson -- Cybernetic approaches to personality and social behavior / Colin G. DeYoung and Yanna J. Weisberg -- Initial impressions of others / James S. Uleman and S. Adil Saribay -- Attitudes and attitude change : social and personality considerations about specific and general patterns of behavior / Dolores Albarracín, Man-pui Sally Chan, and Duo Jiang -- From help-giving to helping relations : belongingness and independence in social interactions / Arie Nadler -- Antisocial behavior in individuals and groups : an empathy-focused approach / Emanuele Castano and David C. Kidd -- Personality and social interaction : interpenetrating processes / Rodolfo Mendoza-Denton, Jordan B. Leitner, and Ozlem Ayduk -- Attachment theory expanded : a behavioral systems approach to personality and social behavior / Mario Mikulincer and Phillip R. Shaver -- Person-by-situation perspectives on close relationships / Jeffery A. Simpson and Heike A. Winterheld -- Personality influences on group processes : the past, present, and future / Craig D. Parks -- Intergroup processes : from prejudice to positive relations between groups / Linda R. Tropp and Ludwin E. Molina -- Power as active self : from acquisition to the expression and use of power / Ana Guinote and Serena Chen -- Personality and social psychology in key life domains -- Personality, social psychology, and psychopathology : reflections on a lewinian vision / Philip R. Costanzo, Rick H. Hoyle, and Mark R. Leary -- Individual and societal well-being / Shigehiro Oishi and Samantha J. Heintzelman -- Multicultural identity and experiences : cultural, social, and personality processes / Verónica Benet-Martínez and Angela-Minh Tu D. Nguyen -- Personality and social contexts as sources of change and continuity across the life span / Abigail J. Stewart and Kay Deaux -- The social psychology of personality and leadership

: a person-in-situation perspective / Daan van Knippenberg -- Work and organizations: contextualizing personality and social psychology / Deidra J. Schleicher and David V. Day -- A person x intervention strategy approach to understanding health behavior / Alexander J. Rothman and Austin S. Baldwin -- Forensic personality and social psychology / Saul Kassin and Margaret Bull Kovera -- The psychology of collective action / Lauren E. Duncan -- Social policy: barriers and opportunities for personality and social psychology / Allen M. Omoto -- Conclusion -- Personality and social psychology : the evolving state of the union / Kay Deaux and Mark Snyder

Motivational Interviewing with Couples

"Interpersonal relationships are a central element of human existence. While cultures vary with respect to their individual versus collectivistic orientation (Triandis, 2018), even in the most individualistic of cultures people are to some extent embedded in networks of relationships. Individual experience is situated within a context that involves some combination of family, friends, community, and society. We feel the presence - or for some the absence - of these social forces. That does not mean relationships are uniformly sources of tremendous joy - they can also inspire indifference or become sources of pain. I mean to suggest only that the bonds we form to other people, or the absence of such bonds, are powerful influences on our behavior. To the extent that I am inspired by something in psychology, it is the idea that we move each other around as we move through the world. I am fascinated by the impact interpersonal relationships have on personal behavior. I have been exceedingly lucky in this sense. I arrived at my early career as a clinical psychologist just in time to see something of a "relationship renaissance" in research on HIV prevention and treatment. What vision I had for my career was reshaped by the 2009 publication of Sullivan and colleagues' influential paper indicating that as many as 68% of new HIV infections among sexual minority men (a group that includes gay, bisexual and other men who have sex with men) in the United States were transmitted between main or primary relationship partners. Reading it was the first time I recall being really excited about what I could potentially do as a behavioral scientist. This book represents the culmination of just over a decade of work that followed that realization"--

New Science of Learning

This book critically re-examines the scientific understanding of learning and presents novel concepts and emerging theories, ground-breaking research, pioneering investigations, and state-of-the-art projects. The chapters in this book portray theoretical frameworks, thought-provoking ideas, and promising efforts in framing new science of learning.

Individual and Contextual Factors in the English Language Classroom

This edited volume examines a number of topics related to the roles of individual and contextual factors in English as second or foreign language (ESL/EFL) settings by presenting chapters across the three sections of theoretical and pedagogical approaches, teacher and learner research, and research into the roles of technology. The book has a focus on practical actions and recommendations related to individual and contextual factors in ESL/EFL, with a specific concern with issues of cognition, metacognition, emotion, and identity, and offers perspectives from a diverse range of international education settings. For teachers of ESL/EFL, the effective recognition and integration of individual and contextual factors into the classroom may represent a significant challenge. This is often the case in those settings where native English speaking teachers work in foreign language contexts where they may have limited understanding of local cultures and languages, or where language instructors have class groups that are culturally and linguistically diverse. In these, and similar, contexts, the types and extent of individual and contextual factors impacting on language learning may challenge both learner and instructor expectations of what an effective and supportive classroom is. While such a situation offers numerous opportunities for learners and teachers to expand their knowledge of themselves and each other, it also presents the possibility for ineffective teaching and learning to occur. It is within this framework that the book presents the latest theoretical, pedagogical, and research perspectives from around the world, thereby providing a resource for all stakeholders with an interest in the roles individual and contextual factors play in the English learning process.

Affectivity and Learning

This book presents an interdisciplinary approach to the study of affectivity and human learning by bridging the gap between neuroscience, cultural and cognitive psychology. It brings together studies that

go beyond the focus on cognitive-intellectual variables involved in learning processes and incorporate the study of the role played by affectivity and emotions in learning not only at educational settings but in all processes of transformation and human development, thus presenting affectivity as a catalyst and mediator of all daily learning processes. Chapters brought together in this contributed volume present both theoretical contributions and results of empirical research from different disciplines, such as neuroscience, cognitive psychology, cultural psychology, educational psychology, developmental psychology and philosophy, and are grouped into five thematic sections. The first part of the book brings together chapters discussing different aspects of the role played by affectivity in learning processes from the perspectives of cultural, educational and developmental psychology. The second part is dedicated to the role of affectivity for teachers during their training as educators and during their pedagogical practice in diverse contexts. The third part focuses on the relationship between affectivity and learning from a neuroscientific point of view. The fourth part discusses affectivity and learning in therapeutic and clinical contexts. Finally, the fifth part brings together chapters about affectivity and learning in everyday life. By bringing together this rich interdisciplinary collection of studies, *Affectivity and Learning: Bridging the Gap Between Neurosciences, Cultural and Cognitive Psychology* will be a valuable resource for researchers in the fields of psychology, neuroscience and education, as well as for educators and teachers interested in knowing more about the relationship between affectivity and human learning.

Movement Matters

Experts translate the latest findings on embodied cognition from neuroscience, psychology, and cognitive science to inform teaching and learning pedagogy. Embodied cognition represents a radical shift in conceptualizing cognitive processes, in which cognition develops through mind-body environmental interaction. If this supposition is correct, then the conventional style of instruction—in which students sit at desks, passively receiving information—needs rethinking. *Movement Matters* considers the educational implications of an embodied account of cognition, describing the latest research applications from neuroscience, psychology, and cognitive science and demonstrating their relevance for teaching and learning pedagogy. The contributors cover a range of content areas, explaining how the principles of embodied cognition can be applied in classroom settings. After a discussion of the philosophical and theoretical underpinnings of embodied cognition, contributors describe its applications in language, including the areas of handwriting, vocabulary, language development, and reading comprehension; STEM areas, emphasizing finger counting and the importance of hand and body gestures in understanding physical forces; and digital learning technologies, including games and augmented reality. Finally, they explore embodied learning in the social-emotional realm, including how emotional granularity, empathy, and mindfulness benefit classroom learning. *Movement Matters* introduces a new model, translational learning sciences research, for interpreting and disseminating the latest empirical findings in the burgeoning field of embodied cognition. The book provides an up-to-date, inclusive, and essential resource for those involved in educational planning, design, and pedagogical approaches. Contributors Dor Abrahamson, Martha W. Alibali, Petra A. Arndt, Lisa Aziz-Zadeh, Jo Boaler, Christiana Butera, Rachel S. Y. Chen, Charles P. Davis, Andrea Marquardt Donovan, Inge-Marie Eigsti, Virginia J. Flood, Jennifer M. B. Fugate, Arthur M. Glenberg, Ligia E. Gómez, Daniel D. Hutto, Karin H. James, Mina C. Johnson-Glenberg, Michael P. Kaschak, Markus Kiefer, Christina Krause, Sheila L. Macrine, Anne Mangen, Carmen Mayer, Amanda L. McGraw, Colleen Megowan-Romanowicz, Mitchell J. Nathan, Antti Pirhonen, Kelsey E. Schenck, Lawrence Shapiro, Anna Shvarts, Yue-Ting Siu, Sofia Tancredi, Chrystian Vieyra, Rebecca Vieyra, Candace Walkington, Christine Wilson-Mendenhall, Eiling Yee

Iowa Gambling Task, Somatic Marker Hypothesis, and Neuroeconomics: Rationality and Emotion in Decision Under Uncertainty

People have been using tobacco in a variety of forms for centuries. Remarkably, it was originally seen as something that could promote vigor and health. Of course, now we all know that tobacco use causes death and disability in epidemic proportions. If smoking is so bad for us, why in heaven's name would anyone still smoke? Quite a bit has changed since tobacco first made the transition to a widely available agricultural product. Unfortunately, the general clinical approach to addressing this problem has failed to keep pace with tobacco technology and its addictive properties. People around the world who have fallen prey to the subtleties of nicotine addiction, or who care for those who have, would benefit from a deeper understanding of the ways in which nicotine can affect the brain's function and change behaviors over a lifetime. *Why People Smoke* breaks down the science of tobacco dependence and presents

it in a way that is both easily understandable and clinically useful for anyone interested in helping people break free of nicotine's influence. *Why People Smoke* is a first-of-its-kind clinical guide to treating tobacco dependence. The book helps readers make meaningful connections between tobacco's effects at the cellular level, the predictable behavioral manifestations of the disorder, and the social science and systems requirements required to make a fundamental impact on this disorder. Unlike previous publications like self-help books, step-by-step curricula, or clinical guidelines, *Why People Smoke* puts practical clinical insights--gained from twenty-five years of practice--into perspective, helping the reader understand how "brain change" translates into "mind change" and the persistent compulsion to smoke . . . despite a person's desperate desire to stop. Reading *Why People Smoke* will change the way you see smoking forever.

Why People Smoke

How do we think about ourselves and others? Part one of the book examines the notion of human universals in cultural anthropology, psychology, linguistics, and in cognitive sciences. This part is focused on the issue of examining the processes of conceptualization, categorization and classification of human types and identities and it examines the role of psychological essentialism in these processes. It also focuses on the topic of religiously interpreted identities. Part two examines religiosity in modern Czech society. Contemporary Czech religiosity or lack thereof has been interpreted narrowly from the perspective of socially and culturally conceptualized factors. Other possible factors have been neglected – for example neuropsychological aspects. The World Religions Paradigm that underpins teaching about religions in Czech education system, is composed of reified concepts of religious traditions. This paradigm provides a basis for essentialised conceptualization of religiously interpreted identities in contemporary Czech society. Jakub Havlíček is Assistant Professor at the Department of Sociology and Cultural Anthropology, Palacký University Olomouc, Czech Republic.

Imagining Religion in the Czech Republic

In response to changes in the workforce, scholars are calling for mentoring that is more fluid, flexible, and responsive to the needs of diverse groups of individuals, whether culturally (Kochan & Pascarelli, 2012; Kochan, Searby, George, & Mitchell Edge, 2015) or intergenerationally (Thorpe, 2012) diverse. With these changes, there are greater demands for intergenerational and intercultural collaboration and mentoring. One response to these changes is to take a more collaborative, interactive, and transformational approach to mentoring. In response, this book provides a model for collaborative mentoring, based on best-practice, grounded in theory and research, and framed by the Dynamic Model of Collaborative Mentorship. Each chapter provides a description of one of the five components of the mentoring model which are grounded in theory and include: agency, values, engagement, patterns, and roles. Individual chapters provide resources, prompts and questions to guide reflection, and suggested readings. This book is authored by four individuals who work, research, and write as a team. The book itself is the product of their mentoring research as well as their mentoring practice in action. It is current and timely, focusing on team processes which are collaborative, dynamic, reflective, and continuously developing and evolving.

Creating and Sustaining a Collaborative Mentorship Team

"Weaving together stories from sources as wide-ranging as classical literature, social and cognitive psychology, philosophy, art, and video games, *Propelled: How Boredom, Frustration, and Anticipation Lead Us to the Good Life* makes a lively case for the value of discontent in our lives. It offers novel, detailed, and scientifically informed characterizations of the nature and outcomes of boredom, frustration, and anticipation. The book demonstrates why these three states should not be viewed as obstacles to our goals but as elements of the good life and explicates how they can illuminate our desires and expectations, inform us when we find ourselves stuck in unpleasant and unfulfilling situations, and motivate us to furnish our lives with meaning, interest, and value"--

Propelled

This second edition of the award-winning original text brings together in one volume the current thinking and conceptualizations on dissociation and the dissociative disorders. Comprised of ten parts, starting with historical and conceptual issues, and ending with considerations for the present and future, internationally renowned authors in the trauma and dissociation fields explore different facets of dissociation in pathological and non-clinical guises. This book is designed to be the most

comprehensive reference book in the dissociation field and aims to provide a scholarly foundation for understanding dissociation, dissociative disorders, current issues and perspectives within the field, theoretical formulations, and empirical findings. Chapters have been thoroughly updated to include recent developments in the field, including: the complex nature of conceptualization, etiology, and neurobiology; the various manifestations of dissociation in clinical and non-clinical forms; and different perspectives on how dissociation should be understood. This book is essential for clinicians, researchers, theoreticians, students of clinical psychology psychiatry, and psychotherapy, and those with an interest or curiosity in dissociation in the various ways it can be conceived and studied.

Dissociation and the Dissociative Disorders

A range of empirical and theoretical perspectives on the relationship between biology and social cognition from infancy through childhood. Recent research on the developmental origins of the social mind supports the view that social cognition is present early in infancy and childhood in surprisingly sophisticated forms. Developmental psychologists have found ingenious ways to test the social abilities of infants and young children, and neuroscientists have begun to study the neurobiological mechanisms that implement and guide early social cognition. Their work suggests that, far from being unfinished adults, babies are exquisitely designed by evolution to capture relevant social information, learn, and explore their social environments. This volume offers a range of empirical and theoretical perspectives on the relationship between biology and social cognition from infancy through childhood. The contributors consider scientific advances in early social perception and cognition, including findings on the development of face processing and social perceptual biases; explore recent research on early infant competencies for language and theory of mind, including a developmental account of how young children become moral agents and the role of electrophysiology in identifying psychological processes that underpin social cognition; discuss the origins and development of prosocial behavior, reviewing evidence for a set of innate predispositions to be social, cooperative, and altruistic; examine how young children make social categories; and analyze atypical social cognition, including autism spectrum disorder and psychopathy. Contributors Lior Abramson, Renée Baillargeon, Pascal Belin, Frances Buttelmann, Sofia Cardenas, Michael J. Crowley, Fabrice Damon, Jean Decety, Michelle de Haan, Ghislaine Dehaene-Lambertz, Melody Buyukozur Dawkins, Xiao Pan Ding, Kristen A. Dunfield, Rachel D. Fine, Ana Fló, Jennifer R. Frey, Susan A. Gelman, Diane Goldenberg, Marie-Hélène Grosbras, Tobias Grossmann, Caitlin M. Hudac, Dora Kampis, Tara A. Karasewich, Ariel Knafo-Noam, Tehila Kogut, Ágnes Melinda Kovács, Valerie A. Kuhlmeier, Kang Lee, Narcis Marshall, Eamon McCrory, David Méary, Christos Panagiotopoulos, Olivier Pascalis, Markus Paulus, Kevin A. Pelphrey, Marcela Peña, Valerie F. Reyna, Marjorie Rhodes, Ruth Roberts, Hagit Sabato, Darby Saxbe, Virginia Slaughter, Jessica A. Sommerville, Maayan Stavans, Nikolaus Steinbeis, Fransisca Ting, Florina Uzefovsky, Essi Viding

The Social Brain

The COVID-19 pandemic has disrupted many global industries, none more so than healthcare, and has necessitated the need for health informatics innovations that can bridge time and space to provide timely care. It has also emphasized the need for a system-level informatics infrastructure to support the healthcare management of populations at a macro level, while also providing the necessary support for front line care delivery at a micro level. However, the need for change at a fast pace does not remove the need for an evidence base to support health technologies. This raises fundamental questions about how the informatics tools required can be delivered at pace without compromising the quality and safety of such tools. This book presents papers from the biennial conference on Context Sensitive Health Informatics, CSHI 2021, held as a virtual event on 15 and 16 November 2021. The theme of the 2021 conference was: The Role of Informatics in Global Pandemics, and this book includes 18 papers on a variety of topics, divided into 4 sections: health information management in the COVID-19 context; implementation of new practices and technologies in healthcare; sociotechnical analysis of task performance and workload in healthcare; and innovations in design and evaluation methods of health technologies. The book provides an overview of innovative health information systems rooted in robust scientific research on context and health information technology, and will be of interest to all those working in the field of health informatics.

Context Sensitive Health Informatics: The Role of Informatics in Global Pandemics

The study of emotional expressions has a long tradition in psychology. Although research in this domain has extensively studied the social context factors that influence the expresser's facial display, the perceiver was considered passive. This 2007 book focuses on more recent developments that show that the perceiver is also subject to the same social rules and norms that guide the expresser's behavior and that knowledge of relevant emotion norms can influence how emotional expressions shown by members of different groups are perceived and interpreted. Factors such as ethnic-group membership, gender and relative status all influence not only emotional expressions but also the interpretation of emotional expressions shown by members of different groups. Specifically, the research presented asks the question of whether and why the same expressions shown by men or women, members of different ethnic groups, or individuals high and low in status are interpreted differently.

Group Dynamics and Emotional Expression

This eBook is a collection of articles from a Frontiers Research Topic. Frontiers Research Topics are very popular trademarks of the Frontiers Journals Series: they are collections of at least ten articles, all centered on a particular subject. With their unique mix of varied contributions from Original Research to Review Articles, Frontiers Research Topics unify the most influential researchers, the latest key findings and historical advances in a hot research area! Find out more on how to host your own Frontiers Research Topic or contribute to one as an author by contacting the Frontiers Editorial Office: frontiersin.org/about/contact.

Temporal Lobe Dysfunction in Neuropsychiatric Disorder

Revisiting the Classic Studies is a series of texts that introduces readers to the studies in psychology that changed the way we think about core topics in the discipline today. It provokes students to ask more interesting and challenging questions about the field by encouraging a deeper level of engagement, both with the details of the studies themselves and with the nature of their contribution. Edited by leading scholars in their field and written by researchers at the cutting edge of these developments, the chapters in each text provide details of the original works and their theoretical and empirical impact, and then discuss the ways in which thinking and research has advanced in the years since the studies were conducted. *Personality and Individual Differences: Revisiting the Classic Studies* traces 14 ground-breaking studies by researchers such as Hans Eysenck, Raymond Cattell, Ernest Tupes and Raymond Christal to re-examine and reflect on their findings and engage in a lively discussion of the subsequent work that they have inspired.

Neuroimaging in early intervention in psychiatry

This book investigates the psychological factors that led to the election of Donald Trump and the accompanying escalation of hate violence and intolerance in the United States. It also spells out the challenge for Americans living in a time of political conservatism and unbridled hostility towards minorities, immigrants, and socially progressive individuals—and what democratic-minded people can do to take action. After the U.S. presidential election in November of 2016, it became clear that hostility, intolerance, and violence targeting minorities, immigrants, and socially progressive individuals was more prevalent in the United States than many thought—and that these hateful sentiments had played a significant role in the election of Donald Trump. What are the reasons for this cataclysmic shift in the U.S.? Have these feelings been entrenched and rampant but under the surface for decades? We are now witnessing the consequences of a different kind of "freedom of expression"—one that is challenging our notions of living in a multicultural and internationally-focused society. *Hate Unleashed: America's Cataclysmic Change* looks at the process by which America moved away from a progressive democratic model of governance in response to themes of economic and cultural vulnerability. Drawing on the notions of authoritarianism and ultranationalism—as well as insights from polling research and the advent of fake news—*Hate Unleashed* portrays how American politics became a battleground about culture and diversity. Author Edward Dunbar exposes how xenophobia, the synthesis of hate speech into political rhetoric, and appeals to a nationalism of nostalgia are linked to the escalation in hate activity after the November 2016 election. In his examination of election results, hate crime activity, and the history of black lynching, Dunbar places the Trump victory as the latest battle in the unending civil war of the United States.

What is Social and Embodied About Situated Embodied Social Cognition? Current Issues and Perspectives

Amy Alkon presents Unf*ckology, a “science-help” book that knocks the self-help genre on its unscientific ass. You can finally stop fear from being your boss and put an end to your lifelong social suckage. Have you spent your life shrinking from opportunities you were dying to seize but feel “that’s just who I am”? Well, screw that! You actually can change, and it doesn’t take exceptional intelligence or a therapist who’s looking forward to finally buying Aruba after decades of listening to you yammer on. Transforming yourself takes revolutionary science-help from Amy Alkon, who has spent the past 20 years translating cutting-edge behavioral science into highly practical advice in her award-winning syndicated column. In Unf*ckology, Alkon pulls together findings from neuroscience, behavioral science, evolutionary psychology, and clinical psychology. She explains everything in language you won’t need a psych prof on speed-dial to understand—and with the biting dark humor that made Good Manners for Nice People Who Sometimes Say F*ck such a great read. She debunks widely-accepted but scientifically unsupported notions about self-esteem, shame, willpower, and more and demonstrates that: - Thinking your way into changing (as so many therapists and self-help books advise) is the most inefficient way to go about it. - The mind is bigger than the brain, meaning that your body and your behavior are your gym for turning yourself into the new, confident you. - Fear is not just the problem; it’s also the solution. - By targeting your fears with behavior, you make changes in your brain that reshape your habitual ways of behaving and the emotions that go with them. Follow Amy Alkon's groundbreaking advice in Unf*ckology, and eventually, you’ll no longer need to act like the new you; you’ll become the new you. And how totally f*cking cool is that?

Personality and Individual Differences

“I don't know when I've been so wowed by a new author” —Chip Heath, co-author of The Power of Moments and Switch A talented journalist reveals the hidden patterns behind what we call “luck” -- and shows us how we can all improve outcomes despite life’s inevitable randomness. “Do you believe in luck?” is a polarizing question, one you might ask on a first date. Some of us believe that we make our own luck. Others see inequality everywhere and think that everyone’s fate is at the whim of the cosmos. Karla Starr has a third answer: unlucky, “random” outcomes have predictable effects on our behavior that often make us act in self-defeating ways without even realizing it. In this groundbreaking book, Starr traces wealth, health, and happiness back to subconscious neurological processes, blind cultural assumptions, and tiny details you’re in the habit of overlooking. Each chapter reveals how we can cultivate personal strengths to overcome life’s unlucky patterns. For instance: • Everyone has free access to that magic productivity app—motivation. The problem? It isn’t evenly distributed. What lucky accidents of history explain patterns behind why certain groups of people are more motivated in some situations than others? • If you look like an underperforming employee, your resume can’t override the gut-level assumptions that a potential boss will make from your LinkedIn photo. How can we make sure that someone’s first impression is favorable? • Just as people use irrelevant traits to make assumptions about your intelligence, kindness, and trustworthiness, we also make inaccurate snap judgments. How do these judgments affect our interactions, and what should we assume about others to maximize our odds of having lucky encounters? We don’t always realize when the world’s invisible biases work to our advantage or recognize how much of a role we play in our own lack of luck. By ending the guessing game about how luck works, Starr allows you to improve your fortunes while expending minimal effort.

Hate Unleashed

This book addresses the emerging field of neuromarketing, which, at its core, aims to better understand the impact of marketing stimuli by observing and interpreting human emotions. It includes contributions from leading researchers and practitioners, venturing beyond the tactics and strategies of neuromarketing to consider the ethical implications of applying powerful tools for data collection. The rationale behind neuromarketing is that human decision-making is not primarily a conscious process. Instead, there is increasing evidence that the willingness to buy products and services is an emotional process where the brain uses short cuts to accelerate the decision-making process. At the intersection of economics, neuroscience, consumer behavior, and cognitive psychology, neuromarketing focuses on which emotions are relevant in human decision-making, and uses this knowledge to make marketing more effective. The knowledge is applied in product design; enhancing promotions and advertising, pricing, professional services, and store design; and improving the consumer experience as a whole. The foundation for all of this activity is data gathering and analysis. Like many new processes and innovations, much of neuromarketing is operating far ahead of current governmental compliance and regulation and thus current practices are raising ethical issues. For example, facial recognition software, used to monitor and detect a wide range of micro-expressions, has been tested at several

airports—under the guise of security and counterterrorism. To what extent is it acceptable to screen the entire population using these powerful and intrusive techniques without getting passengers' consent? Citing numerous examples from the public and private sectors, the editors and contributing authors argue that while the United States has catalyzed technological advancements, European companies and governments are more progressive when it comes to defining ethical parameters and developing policies. This book details many of those efforts, and offers rational, constructive approaches to laying an ethical foundation for neuromarketing efforts.

Unf*ckology

This book constitutes the proceedings of the 27th International Conference on Parallel and Distributed Computing, Euro-Par 2021, held in Lisbon, Portugal, in August 2021. The conference was held virtually due to the COVID-19 pandemic. The 38 full papers presented in this volume were carefully reviewed and selected from 136 submissions. They deal with parallel and distributed computing in general, focusing on compilers, tools and environments; performance and power modeling, prediction and evaluation; scheduling and load balancing; data management, analytics and machine learning; cluster, cloud and edge computing; theory and algorithms for parallel and distributed processing; parallel and distributed programming, interfaces, and languages; parallel numerical methods and applications; and high performance architecture and accelerators.

Can You Learn to Be Lucky?

Drive revenue and grow your business by using the powerful concept of scarcity Scarcity isn't just one of the key principles of influence, it's arguably the most powerful—invoking the kind of primal instincts that were essential to our ancestors' survival. It's also the explanation for why, in the mid-1990's, \$29.99 Tickle-Me-Elmo dolls were being scalped for \$7,000 apiece. And yet, for all its power, scarcity is a principle that's little understood, even as it's frequently employed in sales and marketing campaigns. Research on scarcity is published mainly in academic journals, not easily accessible to the mainstream public, and often written from an economic, rather than psychological, point of view. In *The Power of Scarcity*, Dr. Mindy Weinstein leverages her deep expertise in both marketing and psychology to reveal how this influence principle can be used to boost sales, win negotiations, spark action, develop community, build customer loyalty, and more. As a digital marketer and doctor of philosophy in psychology, she brings both practical and academic insights to explain the psychology behind scarcity, why it has such an immense impact on decision making, and how, used correctly and ethically, it can influence the people who buy your products or services. In these pages, you'll gain a deeper understanding of why and how scarcity works in business, and specifically how different types of scarcity messages—supply related, demand related, time related or limited edition—affect our brains. You'll see it in action from multiple perspectives, through case studies, research findings, and eye-opening interviews with current and former executives (from brands that include McDonald's, Harry & David, and 1-800-Flowers), as well as real-life customers' firsthand experiences. For anyone involved in sales and marketing today, *The Power of Scarcity* is a rare find, combining the best research on the subject as well as hands-on, tactical ways to apply the psychology behind it to knowledgeably harness that power to bolster your business.

Ethics and Neuromarketing

The brain is the most complex computational device we know, consisting of highly interacting and redundant networks of areas, supporting specific brain functions. The rules by which these areas organize themselves to perform specific computations have only now started to be uncovered. Advances in non-invasive neuroimaging technologies have revolutionized our understanding of the functional anatomy of cortical circuits in health and disease states, which is the focus of this book. The first section of this book focuses on methodological issues, such as combining functional MRI technology with other brain imaging modalities. The second section examines the application of brain neuroimaging to understand cognitive, visual, auditory, motor and decision-making networks, as well as neurological diseases. The use of non-invasive neuroimaging technologies will continue to stimulate an exponential growth in understanding basic brain processes, largely as a result of sustained advances in neuroimaging methods and applications.

Euro-Par 2021: Parallel Processing

Psychologists like to claim that Psychology is a science, yet, until now, the discipline has lacked any real scientific laws, has had no overarching scientific paradigm and has been blighted by poor replicability of research, all of which have dogged the discipline. Attempts to place Psychology under a single scientific umbrella, e.g. Behaviourism, Cognitivism, Biological Science, Social Science or Human Science, have all failed for a host of reasons. This unique book presents a single paradigm for all of Psychology within a framework of Natural Science. For example, it employs as a model an organising principle known in another scientific discipline for over a century, the principle of Homeostasis. Findings across the entire discipline including perception, learning, emotion, stress, addiction, well-being and consciousness are all shown to be consistent with a new paradigm based on this, and other principles drawn from natural science.

The Power of Scarcity: Leveraging Urgency and Demand to Influence Customer Decisions

Not your average cookbook. This is a research-based recipe for innovation! This book is for anyone wanting to kick start innovation in their organization. It is ground-breaking in two ways: It is based on data, combining empirical research, literature reviews, business cases, and interviews. It tells a story of two friends in diametrically opposite business predicaments due to COVID. Their story is complex and layered, making for engaging reading. For too long, innovation culture has been amorphous. InnoQTM, built on years of rigorous research, breaks it into 11 dimensions that can be measured, tracked, and improved. We share real world data and examples showing the power of the 11 dimensions and provide concrete ways to improve on them. The pandemic has fundamentally changed the way organizations do business for the next many years—creating a culture of innovation is now more important than ever. This book is perfect for leaders, innovators, managers, and students.

Advanced Brain Neuroimaging Topics in Health and Disease

Modern neuroimaging offers tremendous opportunities for gaining insights into normative development and a wide array of developmental neuropsychiatric disorders. Focusing on ontogeny, this text covers basic processes involved in both healthy and atypical maturation, and also addresses the range of neuroimaging techniques most widely used for studying children. This book will enable you to understand normative structural and functional brain maturation and the mechanisms underlying basic developmental processes; become familiar with current knowledge and hypotheses concerning the neural bases of developmental neuropsychiatric disorders; and learn about neuroimaging techniques, including their unique strengths and limitations. Coverage includes normal developmental processes, atypical processing in developmental neuropsychiatric disorders, ethical issues, neuroimaging techniques and their integration with psychopharmacologic and molecular genetic research approaches, and future directions. This comprehensive volume is an essential resource for neurologists, neuropsychologists, psychiatrists, pediatricians, and radiologists concerned with normal development and developmental neuropsychiatric disorders.

A General Theory of Behaviour

Résumé : This handbook is currently in development, with individual articles publishing online in advance of print publication. At this time, we cannot add information about unpublished articles in this handbook, however the table of contents will continue to grow as additional articles pass through the review process and are added to the site. Please note that the online publication date for this handbook is the date that the first article in the title was published online.

Innovation Soup

Neurophysiological and psychological modifications induced by meditation practice have been consistently addressed by neuroscience. Training meditation practice induced plasticity (Barinaga, 2003; Knight, 2004), and as a consequence several benefit for mental and physical health (Davidson & McEwen, 2012), and cognitive performance. One goal of meditation is to achieve the light of consciousness observing with equanimity (the right distance) clouds of the mind wandering. This Frontiers Research Topic brings together studies from groups of authors whose research focus on neuropsychological systems involved in meditation demonstrating how meditation activates and can modify brain areas, cognitive mechanisms and well-being.

Neuroimaging in Developmental Clinical Neuroscience

A comprehensive and accessible approach to personality theory and research with a renewed focus on contemporary findings. In the newly revised 15th edition of *Personality: Theory and Research*, a team of distinguished researchers delivers balanced and up-to-date coverage of the major theories of personality and the latest psychological research on the subject. The book offers consistent theory-by-theory discussions of personality structures, processes, and development and provides readers with a foundation to compare and relate each theory to the others. New case simulations bridge the gap between theory and practice and a unique package of textbook features enables students to develop their critical thinking skills as they evaluate theories and research and consider their relevance to practical applications. The authors present thorough historical coverage of the development of personality research throughout the decades without omitting comprehensive analyses of contemporary research findings. Readers will also find: Expanded coverage of the interplay between personality and culture, in which modern research findings challenge assumptions contained in 20th-century personality theories. New content on the biological foundations of personality. A brand-new modular format that offers instructors flexibility to cover personality theories in an order of their choosing. Novel case simulations that deepen student understanding of theoretical concepts and enable them to relate principles of personality science to everyday life. An essential text for undergraduate and advanced students of psychology and related fields, *Personality: Theory and Research* is also ideal for psychology professionals, researchers, and practitioners.

The Oxford Handbook of Psychological Situations

The *Neuroscience of Organizational Behavior* establishes the scientific foundations of organizational neuroscience, a nascent discipline that explores the neural correlates of human behavior in organizations. The book draws from several disciplines including the organizational sciences, neuroeconomics, cognitive psychology, social cognitive neuroscience and neuroscience. The topics discussed include the neural foundations of organizational phenomena, such as decision-making, leadership, fairness, trust and cooperation, emotions, ethics and morality, unconscious bias and diversity in the workplace.

Neuroimaging and Neuropsychology of Meditation States

The field of social cognitive neuroscience has captured the attention of many researchers during the past ten years. Much of the impetus for this new field came from the development of functional neuroimaging methods that made it possible to unobtrusively measure brain activation over time. Using these methods over the last 30 years has allowed psychologists to move from simple validation questions -- would flashing stimuli activate the visual cortex -- to those about the functional specialization of brain regions-- are there regions in the inferior temporal cortex dedicated to face processing-- to questions that, just a decade ago, would have been considered to be intractable at such a level of analysis. These so-called "intractable" questions are the focus of the chapters in this book, which introduces social cognitive neuroscience research addressing questions of fundamental importance to social psychology: How do we understand and represent other people? How do we represent social groups? How do we regulate our emotions and socially undesirable responses? This book also presents innovative combinations of multiple methodologies, including behavioral experiments, computer modeling, functional Magnetic Resonance Imaging (fMRI) experiments, Event-Related Potential (ERP) experiments, and brain lesion studies. It is divided into four sections. The first three sections present the latest research on, respectively, understanding and representing other people, representing social groups, and the interplay of cognition and emotion in social regulation. In the fourth section, contributors step back and consider a range of novel topics that have emerged in the context of social neuroscience research: understanding social exclusion as pain, deconstructing our moral intuitions, understanding cooperative exchanges with other agents, and the effect of aging on brain function and its implications for well-being. Taken together, these chapters provide a rich introduction to an exciting, rapidly developing and expanding field that promises a richer and deeper understanding of the social mind.

Personality

The Neuroscience of Organizational Behavior