

Science Of Emotion The Research And Tradition In The Psychology Of Emotion By Cornelius

Latin America has increased its share of world scientific publications by nearly twofold during the last two decades (approximately from 2 to 4%). Despite this positive trend, the scholarly impact of scientific research produced in the region - measured in terms of citation rate - remains low. Two interrelated factors that contribute to this situation is that most research groups tend to work in isolation and results are often published in journals that are not indexed in major citation databases (e.g., SCOPUS, or Web of Science). Ultimately, part of Latin American high-quality research seems to remain hidden from the rest of the world. Over the last decades, an important number of Latin American scientists have developed fruitful research agendas on questions on learning and emotion, focusing on research with humans and other animal models, and implementing diverse methodologies. Notwithstanding the important contributions of these research programs, Latin American research on emotion and learning has followed the overall trend of other research fields throughout the region: namely, remaining partially hidden from the large scientific community of the world. This Research Topic aims to share their empirical and conceptual work on learning and emotion. Ultimately, this effort was expected to strengthen and integrate our regional community of experts, enhance global networking, and establish new challenges and developments for future investigation.

Emotion is once again at the forefront of research in social psychology and personality. The Handbook of Communication and Emotion provides a comprehensive look at the questions and answers of interest in the field: How are specific emotions (fear, jealousy, anger, love) communicated? How does the effectiveness, or ineffectiveness, of this communication affect relationships? How is the communication of emotion used to deceive, or persuade, others? This important reference work is edited by top researchers in the field of communication and authored by a who's who in emotion and communication. Provides a comprehensive look at the role of communication in emotion Includes contributions from top researchers in the field of communications Examines how specific emotions are communicated Includes important research on relationships

A guide to understanding why and how we feel as human beings. This book explores the different emotions we experience, the way they shape and influence our lives, and how essential they have always been to us. What are emotions and why do we experience them? In the last 50 years or so, psychological science has shed light on the essence of what makes us human--why we experience a range of emotions, from sadness, anger to fear, and compassion to contempt. Yet, the science of emotion remains mostly inaccessible to the curious reader and those outside academic circles. This book is a story of our emotions: a story of why and how we feel as human beings. It is a tale of our emotions, told by philosophers, biologists, neuroscientists, sociologists, and economists. Drawing on the rich psychological research, it invites you to revisit your emotions and to better appreciate and understand how feeling states define us and our humanity.

The Science of EmotionResearch and Tradition in the Psychology of EmotionsPearson College Division

Emotion

The Science of Sentiment

Memory and Emotion

What Emotions Can Tell Us About the World

Psychology of Emotion

A New Synthesis

The Feeling Brain: The Biology and Psychology of Emotions

A successor to the acclaimed 'Music and Emotion', The Handbook of Music and Emotion provides comprehensive coverage of the field, in all its breadth and depth. As well as summarizing what is currently known about music and emotion, it will also stimulate further research in promising directions that have been little studied.

This book, a member of the Series in Affective Science, is a unique interdisciplinary sequence of articles on the cognitive neuroscience of emotion by some of the most well-known researchers in the area. It explores what is known about cognitive processes in emotion at the same time it reviews the processes and anatomical structures involved in emotion, determining whether there is something about emotion and its neural substrates that requires they be studied as a separate domain. Divided into four major focal points and presenting research that has been performed in the last decade, this book covers the process of emotion generation, the functions of amygdala, the conscious experience of emotion, and emotion regulation and dysregulation. Collectively, the chapters constitute a broad but selective survey of current knowledge about emotion and the brain, and they all address the close association between cognitive and emotional processes. By bringing together diverse strands of investigation with the aim of documenting current understanding of how emotion is instantiated in the brain, this book will be of use to scientists, researchers, and advanced students of psychology and neuroscience.

Explains the science behind the brain's opiate receptors and other evidence of the intimate connections between mind and body, and their meaning for the future of Western medicine

A new framework for the neuroscientific study of emotions in humans and animals The Neuroscience of Emotion presents a new framework for the neuroscientific study of emotion across species. Written by Ralph Adolphs and David J. Anderson, two leading authorities on the study of emotion, this accessible and original book recasts the discipline and demonstrates that in order to understand emotion, we need to examine its biological roots in humans and animals. Only through a comparative approach that encompasses work at the molecular, cellular, systems, and cognitive levels will we be able to comprehend what emotions do, how they evolved, how the brain shapes their development, and even how we might engineer them into robots in the future. Showing that emotions are ubiquitous across species and implemented in specific brain circuits, Adolphs and Anderson offer a broad foundation for thinking about emotions as evolved, functionally defined biological states. The authors discuss the techniques and findings from modern neuroscientific investigations of emotion and conclude with a survey of theories and future research directions. Featuring color illustrations throughout, The Neuroscience of Emotion synthesizes the latest in neuroscientific work to provide deeper insights into how emotions function in all of us.

An Expository Review

Active Inference

The Free Energy Principle in Mind, Brain, and Behavior

Unlocking the Power of Emotions to Help Our Kids, Ourselves, and Our Society Thrive

Cognition and Emotion

Theory, Methods, Research

Reviews of Current Research and Theories

The first comprehensive treatment of active inference, an integrative perspective on brain, cognition, and behavior used across multiple disciplines. Active inference is a way of understanding sentient behavior—a theory that characterizes perception, planning, and action in terms of probabilistic inference. Developed by theoretical neuroscientist Karl Friston over years of groundbreaking research, active inference provides an integrated perspective on brain, cognition, and behavior that is increasingly used across multiple disciplines including neuroscience, psychology, and philosophy. Active inference puts the action into perception. This book offers the first comprehensive treatment of active inference, covering theory, applications, and cognitive domains. Active inference is a “first principles” approach to understanding behavior and the brain, framed in terms of a single imperative to minimize free energy. The book emphasizes the implications of the free energy principle for understanding how the brain works. It first introduces active inference both conceptually and formally, contextualizing it within current theories of cognition. It then provides specific examples of computational models that use active inference to explain such cognitive phenomena as perception, attention, memory, and planning.

This book provides an overview of theoretical thinking about the communicative scope of emotional expressions as well as an overview of the state of the art research in emotional psychology. For many years, research in emotional psychology has been primarily concerned with the labeling of emotion expressions and the link between emotion expressions and the expresser’s internal state. Following recent trends in research devoting specific attention to the social signal value of emotions, contributors emphasize the nature of emotion expressions as information about the person and the situation, including the social norms and standards relevant to the situation. Focusing on the role of emotion expressions as communicative acts, this timely book seeks to advance a line of theoretical thinking that goes beyond the view of emotion expressions as symptoms of an intrapersonal phenomenon to focus on their interpersonal function. The Social Nature of Emotion Expression will be of interest to researchers in emotional psychology, as well as specialists in nonverbal behavior, communication, linguistics, ethology and ethnography.

What is your emotional fingerprint? Why are some people so quick to recover from setbacks? Why are some so attuned to others that they seem psychic? Why are some people always up and others always down? In his thirty-year quest to answer these questions, pioneering neuroscientist Richard J. Davidson discovered that each of us has an Emotional Style, composed of Resilience, Outlook, Social Intuition, Self-Awareness, Sensitivity to Context, and Attention. Where we fall on these six continuums determines our own “emotional fingerprint.” Sharing Dr. Davidson’s fascinating case histories and experiments, The Emotional Life of Your Brain offers a new model for treating conditions like autism and depression as it empowers us all to better understand ourselves—and live more meaningful lives.

And lastly, why is remembering a creative act that can, and often does, produce faulty memories of our experiences?"--BOOK JACKET.

Music and Emotion

The Social Nature of Emotion Expression

Affective Neuroscience

Theory, Research, Applications

The Science of Emotional Intelligence

Emotions in Psychopathology

Methodological Advances in Research on Emotion and Education

Shortlisted for the 2011 BPS Book Award Emotion Science is a state-of-the-art introduction to the study of emotion. Drawing on a wide array of research from psychology and neuroscience, the author presents an integrated picture of our current understanding of normal as well as disordered emotions such as anxiety and depression. The author draws a clear distinction between emotions, moods and feelings, and suggests how they can be understood within an integrated model. The book is ideal for undergraduate and graduate courses in psychology and related areas, and will be a useful reference for active researchers.

Since the turn of the twenty-first century, the psychology of emotion has grown to become its own field of study. Because the study of emotion draws inspiration from areas of science outside of psychology, including neuroscience, psychiatry, biology, genetics, computer science, zoology, and behavioral economics, the field is now often called emotion science or affective science. A subfield of affective science is affective neuroscience, the study of the emotional brain. This revised second edition of Psychology of Emotion reviews both theory and methods in emotion science, discussing findings about the brain; the function, expression, and regulation of emotion; similarities and differences due to gender and culture; the relationship between emotion and cognition; and emotion processes in groups. Comprehensive in its scope yet eminently readable, Psychology of Emotion serves as an ideal introduction for undergraduate students to the scientific study of emotion. It features effective learning devices such as bolded key terms, developmental details boxes, learning links, tables, graphs, and illustrations. In addition, a robust companion website offers instructor resources.

"Absolutely essential reading for those wanting to understand the recent 'turn' to affect. Offering an extensive analysis of all the perspectives available, including the psycho, neuro, bio and social, Margie Wetherell traces a magisterial path through the radically different offerings, one that illuminates key ideas and will save the uninitiated wandering down many pointless avenues. A path-setting book." - Professor Beverley Skeggs, Goldsmiths In recent years there has been a huge surge of interest in affect and emotion. Scholars want to discover how people are moved, and understand embodied social action, feelings and passions. How do social formations 'grab' people? How do roller coasters of contempt, patriotism, hate and euphoria power public life? A new social science understanding of affect and emotion is long overdue and Margaret Wetherell's voice is timely, providing a coherent and pragmatic text. It will be invaluable reading for those interested in this fascinating field across the social and behavioural sciences.

In recent years, there has been a groundswell of significant and exciting new work being done in research on emotions and psychopathology. This new volume in the Series in Affective Science examines the relationship between emotions and psychopathology by bringing together current theory and research and the perspectives of leading figures in the field. Each part addresses general issues in the field and contains reports of research focused on emotions in specific psychological disorders, such as schizophrenia, depression, anxiety disorders, and personality disorders. Chapters written by outstanding figures from a number of professional disciplines, including psychiatry, psychology, and cognitive science, represent the diversity of informed opinion and methods of investigation in research on emotion and psychopathology.

Guidelines for Research and an Integration of Findings

Emotional

Emotion Explained

The American Soldier

Appraisal Processes in Emotion

Molecules of Emotion

The Foundations of Human and Animal Emotions

This publication brings together leading emotion researchers whose work has pioneered new questions, methods, and levels of analyses for investigating development and individual differences in how infants and children attend to, categorize, understand, talk about, and regulate emotions. Topics

include infant attention and processing of emotions, developmental affective psychophysiology, emotions in maltreated children, attention biases and anxiety, emotional competence and social interactions, cultural differences in emotion socialization, gender and parent-child reminiscing about emotional events, family emotion conversations and socio-cognitive development, and causal reasoning about emotions. These contributions lay a foundation for new scientific discoveries in developmental affective science, and they inform evidence-based practices and interventions aimed at promoting children's emotional wellbeing. Given the centrality of emotions to children's development, this volume provides a valuable resource for developmental researchers and clinicians, as well as for parents, educators, and policy makers.

We've all been told that thinking rationally is the key to success. But at the cutting edge of science, researchers are discovering that feeling is every bit as important as thinking. You make hundreds of decisions every day, from what to eat for breakfast to how you should invest, and not one of those decisions would be possible without emotion. It has long been said that thinking and feeling are separate and opposing forces in our behavior. But as Leonard Mlodinow, the best-selling author of Subliminal, tells us, extraordinary advances in psychology and neuroscience have proven that emotions are as critical to our well-being as thinking. How can you connect better with others? How can you make sense of your frustration, fear, and anxiety? What can you do to live a happier life? The answers lie in understanding your emotions. Journeying from the labs of pioneering scientists to real-world scenarios that have flirted with disaster, Mlodinow shows us how our emotions can help, why they sometimes hurt, and what we can learn in both instances. Using deep insights into our evolution and biology, Mlodinow gives us the tools to understand our emotions better and to maximize their benefits. Told with his characteristic clarity and fascinating stories, Emotional explores the new science of feelings and offers us an essential guide to making the most of one of nature's greatest gifts.

Emotion: Theory, Research, and Experience, Volume 1: Theories of Emotion, presents broad theoretical perspectives representing all major schools of thought in the study of the nature of emotion. The contributions contained in the book are characterized under three major headings - evolutionary context, psychophysiological context, and dynamic context. Subjects that are discussed include general psycho-evolutionary theory of emotion; the affect system; the biology of emotions and other feelings; and emotions as transitory social roles. Psychologists, sociobiologists, sociologists, psychiatrists, ethologists, and students the allied fields will find the text a good reference material.

Emotion in the Human Face: Guidelines for Research and an Integration of Findings reviews research findings about the link between the face and emotion and provides some guidelines for study of this complicated but intriguing phenomenon. Some of the conceptual ambiguities that have hindered research and the methodological decisions that must be made in planning research on the face and emotion are discussed. How past investigators handled these matters is presented critically, and a set of standards is offered. This book is comprised of 21 chapters and begins with an overview of questions about how the face provides information about emotion, with emphasis on evidence based on scientific research (largely in psychology). The reader is then introduced to conceptual ambiguities and methodological decisions related to research on the face-emotion connection (including sampling), along with some important research findings. In particular, emotion categories and dimensions that observers can judge on the basis of facial behavior are analyzed, and whether such judgments can be accurate. The similarities and differences in facial behavior across cultures are also considered, along with the relative contribution of facial behavior and contextual information to the judgment of emotion. This monograph is intended primarily for students of psychology, anthropology, ethology, sociology, and biology, as well as those planning or already conducting research on the face.

Psychological and Clinical Implications

Research, Theory, Applications, and Contexts

Cognitive Neuroscience of Emotion

Neurobiology of Abnormal Emotion and Motivated Behaviors

A New Social Science Understanding

Emotion and Cognition

Children and Emotion

Emotion and Cognition, Volume 246, consists of 16 chapters on recent scientific advances in emotion and cognition research. The chapters include theoretical, review, and empirical chapters presenting original data on interactions between emotion and cognition. Chapters touch on a variety of topics, including Common

and different mechanisms underlying the processing of extrinsic and intrinsic emotion, Looming fear stimuli broadens attention in a local-global letter task, Reading thoughts and feelings in other people - how age shapes empathic accuracy, How does aging influence emotion-cognition links?, and The Motivational Dimensional Model of affect: A review of the past 10 years, and more. Presents the latest research on the interaction between emotion and cognition Uniquely focuses on how these supposedly different aspects interact Contains contributions from world-renowned experts on emotion and cognition research This text provides a description of both classic and contemporary theory and research on emotions within each of the four major theoretical traditions that have shaped - and continue to shape - how psychologists think about emotions. Written in an informal style, it explains how each perspective defines, constructs theories about, and conducts research on emotion - and presents four often very different pictures of what emotions are thought to be.

Neurobiology of Abnormal Emotion and Motivated Behaviors: Integrating Animal and Human Research pulls together world-renowned leaders from both animal and human research, providing a conceptual framework on how neuroscience can inform our understanding of emotion and motivation, while also outlining methodological commonalities between animal and human neuroscience research, with an emphasis on experimental design, physiological recording techniques and outcome measures. Typically, researchers investigating the neurobiology of emotions focus on either animal models or humans. This book brings the two disciplines together to share information and collaborate on future experimental techniques, physiological measures and clinical outcomes. Integrates animal and human research to aid readers in discovering a clear path forward for translating basic science to clinical applications Provides overviews of the most recent research into the neuroscience behind maladaptive behaviors and psychiatric disorders Explores the commonalities in methods and outcome measures between animal and human researchers and how those commonalities can be harnessed for future collaboration and translational work Neuroscience of Pain, Stress, and Emotion: Psychological and Clinical Implications presents updated research on stress, pain, and emotion, all key research areas within both basic and clinical neuroscience. Improved research understanding of their interaction is ultimately necessary if clinicians and those working in the field of psychosomatic medicine are to alleviate patient suffering. This volume offers broad coverage of that interaction, with chapters written by major researchers in the field. After reviewing the neuroscience of pain and stress, the contents go on to address the interaction between stress and chronic/acute pain, the role of different emotions in pain, neurobiological mechanisms mediating these various interactions, individual differences in both stress and pain, the role of patient expectations during treatment (placebo and nocebo responses), and how those relate to stress modulation. While there are books on the market which discuss pain, stress, and emotion separately, this volume is the first to tackle their nexus, thus appealing to both researchers and clinicians. Represents the only comprehensive reference detailing the link between pain, stress and emotion, covering the neuroscientific underpinnings, related psychological processes, and clinical implications Compiles, in one place, research which promises to improve the methodology of clinical trials and the use of knowledge of pain-stress-emotion effects in order to reduce patients' suffering Provides comprehensive chapters authored by global leaders in the field, the broadest, most expert coverage available

The Science of Feelings

Emotion Measurement

Research on Emotion and Learning: Contributions from Latin America

Emotion Science

The Science of Emotion

How Feelings Shape Our Thinking

Exploring Emotions, Aesthetics and Wellbeing in Science Education Research

This volume presents different conceptual and theoretical frameworks as well as research methods that have helped educational researchers to study emotions. It includes innovative approaches that push the methodological boundaries that have served educational researchers until now and proposes new ways of researching emotions in educational contexts. In particular, this edited volume provides a historical frame for studying emotions. It connects theoretical/epistemological views with choice of research methods and describes specific methods helpful in doing research on emotions as they are grounded in different theoretical and disciplinary traditions such as psychology, philosophy, sociology, history, political science, cultural studies, and feminist studies. Finally, it appreciates the contextual and international dimensions of studying emotions in education and contributes to ongoing debates about the implications of our methodological choices for understanding emotion in education. This combination of variety, timeliness, potential for transformation of the field, and uniqueness make this a very valuable resource to introduce new scholars in the field alongside established scholars.

From Darwin to "Star Trek", Evans offers a lively look at the science of emotions and finds that whether we live in the shadow of Times Square or in the depths of the rain forest, all humans feel disgust, joy, surprise, anger, fear, and distress. 20 halftones.

The mental well-being of children and adults is shockingly poor. Marc Brackett, author of Permission to Feel, knows why. And he knows what we can do. "We have a crisis on our hands, and its victims are our children." Marc Brackett is a professor in Yale University's Child Study Center and founding director of the Yale Center for Emotional Intelligence. In his 25 years as an emotion scientist, he has developed a remarkably effective plan to improve the lives of children and adults - a blueprint for understanding our emotions and using them wisely so that they help, rather than hinder, our success and well-being. The core of his approach is a legacy from his childhood, from an astute uncle who gave him permission to feel. He was the first adult who managed to see Marc, listen to him, and recognize the suffering, bullying, and abuse he'd endured. And that was the beginning of Marc's awareness that what he was going through was temporary. He wasn't alone, he wasn't stuck on a timeline, and he wasn't "wrong" to feel scared, isolated, and angry. Now, best of all, he could do something about it. In the decades since, Marc has led large research teams and raised tens of millions of dollars to investigate the roots of emotional well-being. His prescription for healthy children (and their parents, teachers, and schools) is a system called RULER, a high-impact and fast-effect approach to understanding and mastering emotions that has already transformed the thousands of schools that have adopted it. RULER has been proven to reduce stress and burnout, improve school climate, and enhance academic achievement. This book is the culmination of Marc's development of RULER and his way to share the strategies and skills with readers around the world. It is tested, and it works. This book combines rigor, science, passion and inspiration in equal parts. Too many children and adults are suffering; they are ashamed of their feelings and emotionally unskilled, but they don't have to be. Marc Brackett's life mission is to reverse this course, and this book can show you how.

Emotions are complex and multifaceted phenomena. Although they have been examined from a variety of perspectives, the study of the interaction between cognition and emotion has always occupied a unique position within emotion research. Many philosophers and psychologists have been fascinated by the relationship between thinking and feeling. During the past 30 years, research on the relationship between cognition and emotion has boomed and so many studies on this topic have been published that it is difficult to keep track of the evidence. This book fulfils the need for a review of the existing evidence on particular aspects of the interplay between cognition and emotion. The book assembles a collection of state-of-the-art reviews of the most important topics in cognition and emotion research: emotion theories, feeling and thinking, the perception of emotion, the expression of emotion, emotion regulation, emotion and memory, and emotion and attention. By bringing these reviews together, this book presents a unique overview of the knowledge that has been generated in the past decades about the many and complex ways in which cognition and emotion interact. As such, it provides a useful tool for both students and researchers alike, in the fields of social, clinical and cognitive psychology.

The Expression of the Emotions in Man and Animals

The Neuroscience of Emotion

Handbook of Music and Emotion

The Secret Life of the Brain

Handbook of Communication and Emotion

Emotion in the Human Face

Permission to Feel

The scientific study of emotion has long been dominated by theories emphasizing the subjective experience of emotions and their accompanying expressive and physiological responses. The processes by which different emotions are elicited has received less attention, the implicit assumption being that certain emotions arise automatically in response to certain types of events or situations. Such an assumption is incompatible with data showing that similar situations can provoke a range of emotions in different individuals, or even the same individual at different times. Appraisal theory, first suggested by Magda Arnold and Richard Lazarus, was formulated to address this shortcoming in our understanding of emotion. The central tenet of appraisal theory is that emotions are elicited according to an individual's subjective interpretation or evaluation of important events or situations. Appraisal research focuses on identifying the evaluative dimensions or criteria that predict which emotion will be elicited in an individual, as well as linking the appraisal process with the production of emotional responses. This book represents the first full-scale summary of the current state of appraisal research. Separate sections cover the history of appraisal theory and its fundamental ideas, the views of some of the major theorists currently active in the field, theoretical and methodological problems with the appraisal approach including suggestions for their resolution, social, cultural and individual differences and the application of appraisal theory to understanding and treating emotional pathology, and the methodology used in appraisal research including measuring and analyzing self-report, physiological, facial, and vocal indicators of appraisal, and simulating appraisal processes via computational models. Intended for advanced students and researchers in emotion psychology, it provides an authoritative assessment and critique of the current state of the art in appraisal research.

*Some investigators have argued that emotions, especially animal emotions, are illusory concepts outside the realm of scientific inquiry. However, with advances in neurobiology and neuroscience, researchers are demonstrating that this position is wrong as they move closer to a lasting understanding of the biology and psychology of emotion. In Affective Neuroscience, Jaak Panksepp provides the most up-to-date information about the brain-operating systems that organize the fundamental emotional tendencies of all mammals. Presenting complex material in a readable manner, the book offers a comprehensive summary of the fundamental neural sources of human and animal feelings, as well as a conceptual framework for studying emotional systems of the brain. Panksepp approaches emotions from the perspective of basic emotion theory but does not fail to address the complex issues raised by constructionist approaches. These issues include relations to human consciousness and the psychiatric implications of this knowledge. The book includes chapters on sleep and arousal, pleasure and fear systems, the sources of rage and anger, and the neural control of sexuality, as well as the more subtle emotions related to maternal care, social loss, and playfulness. Representing a synthetic integration of vast amounts of neurobehavioral knowledge, including relevant neuroanatomy, neurophysiology, and neurochemistry, this book will be one of the most important contributions to understanding the biology of emotions since Darwins *The Expression of the Emotions in Man and Animals**

Preeminent psychologist Lisa Barrett lays out how the brain constructs emotions in a way that could revolutionize psychology, health care, the legal system, and our understanding of the human mind. "Fascinating . . . A thought-provoking journey into emotion science."—The Wall Street Journal "A singular book, remarkable for the freshness of its ideas and the boldness and clarity with which they are presented."—Scientific American "A brilliant and original book on the science of emotion, by the deepest thinker about this topic since Darwin."—Daniel Gilbert, best-selling author of Stumbling on Happiness The science of emotion is in the midst of a revolution on par with the discovery of relativity in physics and natural selection in biology. Leading the charge is psychologist and neuroscientist Lisa Feldman Barrett, whose research overturns the long-standing belief that emotions are automatic, universal, and hardwired in different brain regions. Instead, Barrett shows, we construct each instance of emotion through a unique interplay of brain, body, and culture. A lucid report from the cutting edge of emotion science, How Emotions Are Made reveals the profound real-world consequences of this breakthrough for everything from neuroscience and medicine to the legal system and even national security, laying bare the immense implications of our latest and most intimate scientific revolution.

Emotion Measurement, Second Edition highlights key elements of emotions that should be considered in the measurement of emotions in both academic and commercial environments. This edition begins with an updated review of basic studies of emotion, including the theory, physiology, and psychology of emotions, as these are the foundational studies which food scientists as well as product developers and marketing professionals need to be aware of. The second section highlights methods for studying emotions, and reviews the different approaches to emotion measurement: questionnaire self-report, behavioral, and physiological. This section explores the merits of intrinsic versus extrinsic measures of emotion. Some new measurement approaches have emerged since the first edition of this book. The book then presents practical applications, with chapters on emotion research in food and beverage, as well as in a range of products and clinical settings. The experience in testing product emotions has increased since the first edition when product emotion research was newer. Finally, Emotion Measurement, Second Edition provides coverage of cross-cultural research on emotions. This is critical because much of the newer commercial research is aimed at markets around the world, requiring methods that work in many cultures. And the universality of emotions has been a topic of research for decades. Taking both an academic and applied approach, Emotion Measurement, Second Edition will be an invaluable reference for those conducting basic academic research on emotions and for sensory and consumer scientists, and the product developers and marketing professionals they work alongside. Reviews both the academic and the applied strands of emotion measurement research Focuses on cross-cultural studies of emotions, which is currently lacking from most of the literature in the field Highlights methods for studying emotions in both basic and applied studies

Theory and Research

Research and Tradition in the Psychology of Emotions

How Emotions Are Made

The Emotional Life of Your Brain

How Its Unique Patterns Affect the Way You Think, Feel, and Live--and How You Can Change Them

Neuroscience of Pain, Stress, and Emotion

What Psychological Research Tells Us about Our Emotions

Emotional intelligence (EI) is the best instrument to build stronger relationships, communicate effectively, relieve stress, overcome challenges, and achieve career and personal goals. As such, this book covers a variety of topics related to the science of EI. Chapters address the science and philosophy behind EI, using EI to cope with consequences, strategies to develop EI in early childhood education, neuromarketing, emotional responding and adversity, brain networks of emotional prosody processing, humor events and wellbeing, and much more.

This new volume in the Series in Affective Science is the first book in over 40 years to tackle the complex and powerful relationship between music and emotion. The book brings together leading researchers in both areas to present the first integrative review of this powerful relationship. This is a book long overdue, and one that will fascinate psychologists, musicologists, music educators, and philosophers.

This book aims to highlight the vigour, diversity and insight of the various cognitive science perspectives on personality and emotion. It aims also to emphasise the rigorous scientific basis for research to be found in the integration of experimental psychology with neuroscience, connectionism and the new evolutionary psychology. The contributors to this book provide a wide-ranging survey of leading-edge research topics. It is divided into three parts, on general frameworks for cognitive science, on perspectives from emotion research, and on perspectives from studies of personality traits.

This book addresses new research directions focusing on the emotional and aesthetic nature of teaching and learning science informing more general insights about wellbeing. It considers methodological traditions including those informed by philosophy, sociology, psychology and education and how they contribute to our understanding of science education. In this collection, the authors provide accounts of the underlying ontological, epistemological, methodological perspectives and theoretical assumptions that inform their work and that of others. Each chapter provides a perspective on the study of emotion, aesthetics or wellbeing, using empirical examples or a discussion of existing literature to unpack the theoretical and philosophical traditions inherent in those works. This volume offers a diverse range of approaches for anyone interested in researching emotions, aesthetics, or wellbeing. It is ideal for research students who are confronted with a cosmos of research perspectives, but also for established researchers in various disciplines with an interest in researching emotions, affect, aesthetics, or wellbeing.

Cognitive and Neuroscientific Approaches to Understanding Human Emotions

Theories of Emotion

Why You Feel the Way You Feel

Cognitive Science Perspectives on Personality and Emotion

Integrating Animal and Human Research

Affect and Emotion

A reader-friendly exploration of the science of emotion. After years of neglect by both mainstream biology and psychology, the study of emotions has emerged as a central topic of scientific inquiry in the vibrant new discipline of affective neuroscience. Elizabeth Johnston and Leah Olson trace how work in this rapidly expanding field speaks to fundamental questions about the nature of emotion: What is the function of emotions? What is the role of the body in emotions? What are "feelings," and how do they relate to emotions? Why are emotions so difficult to control? Is there an emotional brain? The authors tackle these questions and more in this "tasting menu" of cutting-edge emotion research. They build their story around the path-breaking 19th century works of biologist Charles Darwin and psychologist and philosopher William James. James's 1884 article "What Is an Emotion?" continues to guide contemporary debate about minds, brains, and emotions, while Darwin's treatise on "The Expression of Emotions in Animals and Humans" squarely located the study of emotions as a critical concern in biology. Throughout their study, Johnston and Olson focus on the key scientists whose work has shaped the field, zeroing in on the most brilliant threads in the emerging tapestry of affective neuroscience. Beginning with early work on the brain substrates of emotion by such workers such as James Papez and Paul MacLean, who helped define an emotional brain, they then examine the role of emotion in higher brain functions such as cognition and decision-making. They then investigate the complex interrelations of emotion and pleasure, introducing along the way the work of major researchers such as Antonio Damasio and Joseph LeDoux. In doing so, they braid diverse strands of inquiry into a lucid and concise introduction to this burgeoning field, and begin to answer some of the most compelling questions in the field today. How does the science of "normal" emotion inform our understanding of emotional disorders? To what extent can we regulate our emotions? When can we trust our emotions and when might they lead us astray? How do emotions affect our memories, and vice versa? How can we best describe the relationship between emotion and cognition? Johnston and Olson lay out the most salient questions of contemporary affective neuroscience in this study, expertly situating them in their biological, psychological, and philosophical contexts. They offer a compelling vision of an increasingly exciting and ambitious field for mental health professionals and the interested lay audience, as well as for undergraduate and graduate students.

"Emotion Explained will be valuable for those in the fields of neuroscience, psychology, and cognitive neuroscience from advanced undergraduate level upwards. It will also be of interest to those in biology, animal behaviour, zoology, evolutionary biology, physiology, nutrition, psychiatry, medicine, and philosophy. The book has been written with modular chapters and sections, making it possible to select particular chapters for course work."--Jacket.