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978-1-107-00111-4 — The Cambridge Handbook of Human Affective Neuroscience
Edited by Jorge Armony , Patrik Vuilleumier
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The Cambridge Handbook of Human Affective Neuroscience

Neuroscientific research on emotion has developed dramatically over the past decade. The cognitive neuroscience of human emotion, which has emerged as the new and thriving area of "affective neuroscience," is rapidly rendering existing overviews of the field obsolete. This handbook provides a comprehensive, up-to-date, and authoritative survey of knowledge and topics investigated in this cutting-edge field. It covers a range of topics, from face and voice perception to pain and music, as well as social behaviors and decision making. The book considers and interrogates multiple research methods, among them brain imaging and physiology measurements, as well as methods used to evaluate behavior and genetics. Editors Jorge Armony and Patrik Vuilleumier have enlisted well-known and active researchers from more than 20 institutions across three continents, bringing geographic as well as methodological breadth to the collection. This timely volume will become a key reference work for researchers and students in the growing field of neuroscience.

Jorge Armony holds the Canada Research Chair in Affective Neuroscience in the Department of Psychiatry at McGill University. He is also a researcher at the Douglas Mental Health University Institute and a member of the International Laboratory for Brain, Music, and Sound Research (BRAMS). Dr. Armony's research focuses on the neural mechanisms of emotional processing across modalities, including the interactions of these mechanisms with other cognitive functions in healthy individuals as well as in patients suffering from psychiatric and neurological disorders.

Patrik Vuilleumier is a professor at the University of Geneva Medical School, where he leads the Laboratory for Neurology and Imaging of Cognition and directs the Geneva Neuroscience Center. Dr. Vuilleumier was part of the interdisciplinary team that helped shape the Swiss National Center of Competence in Research in Affective Sciences. Dr. Vuilleumier's research focuses on the influence of emotion processing on perception, attention, and action, using functional neuroimaging techniques and neuropsychological studies of brain-damaged patients.

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To the memory of
David Servan-Schreiber, superb colleague and generous friend who introduced me to, among many other things, the field of Human Affective Neuroscience (JA)
Jon Driver, a truly inspiring mentor whose guidance and friendship have been a unique experience that is still very much alive in my work (PV)

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