The Cambridge Handbook of the Neuroscience of Creativity

Historically, the brain bases of creativity have been of great interest to scholars and the public alike. However, recent technological innovations in the neurosciences, coupled with theoretical and methodological advances in creativity assessment, have enabled humans to gain unprecedented insights into the contributions of the brain to creative thought. This unique volume brings together contributions by the very best scholars to offer a comprehensive overview of cutting-edge research on this important and fascinating topic. The chapters discuss creativity's relationship with intelligence, motivation, psychopathology, and pharmacology, as well as the contributions of general psychological processes to creativity, such as attention, memory, imagination, and language. This book also includes specific and novel approaches to understanding creativity involving musicians, polymaths, animal models, and psychedelic experiences. The chapters are meant to give the reader a solid grasp of the diversity of approaches currently at play in this active and rapidly growing field of inquiry.

REX E. JUNG received his PhD in Clinical Psychology from the University of New Mexico with specialty training in clinical neuropsychology. He is a clinical professor in the Department of Neurosurgery at the University of New Mexico, and in private practice, with current duties focused around neuropsychological assessment during awake craniotomy. He has published research articles across a wide range of disciplines, including traumatic brain injury, systemic lupus erythematosus, schizophrenia, intelligence, creativity, and genius. His research has been funded by the National Institutes of Health, The National Endowment for the Arts, DARPA, and the John Templeton Foundation. He is on the Editorial Boards of several journals including: *Intelligence*, *PLoS ONE*, *Frontiers in Neuropsychiatric Imaging and Stimulation*, and the *Creativity Research Journal*.

OSHIN VARTANIAN received his PhD in Psychology from the University of Maine. He is a Defence Scientist at Defence Research and Development Canada, and an Adjunct Assistant Professor in the Department of Psychology at the University of Toronto. He is the co-editor of *Neuroaesthetics* (Baywood), *Neuroscience of Decision Making* (Routledge), and *Neuroscience of Creativity* (The MIT Press). He is the Editor of *Empirical Studies of the Arts*, and serves on the editorial boards of *Creativity Research Journal*, *Thinking Skills and Creativity*, and *Psychology of Aesthetics, Creativity, and the Arts*. He is the recipient of the Daniel E. Berlyne Award from Division 10 of the American Psychological Association for outstanding research by a junior scholar for his work on the neuroscience of creativity and aesthetics.

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Edited by
Rex E. Jung
University of New Mexico

Oshin Vartanian
University of Toronto

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Contributors

ANNA ABRAHAM Leeds Beckett University, UK

DONNA ROSE ADDIS The University of Auckland, New Zealand

ARON K. BARBEY University of Illinois at Urbana Champaign, USA

DAVID BASHWINER University of New Mexico, USA

ROGER E. BEATY Harvard University, USA

MATHIAS BENEDEK University of Graz, Austria

DAVID Q. BEVERSDORF University of Missouri, USA

SHELLEY H. CARSON Harvard University, USA

KALINA CHRISTOFF University of British Columbia, Canada

EVANGELIA G. CHRYSIKOU Drexel University, USA

MICHAEL C. CORBALLIS University of Auckland, New Zealand

MIRIAM FAUST Bar Ilan University, Israel

ANDREAS FINK University of Graz, Austria

IRA S. FISCHLER University of Florida, USA

ALICE W. FLAHERTY Harvard Medical School, USA

KIERAN C. R. FOX Stanford University, USA

LIANE GABORA University of British Columbia, Canada

CLAUDIA GARCIA-VEGA University College London, UK

MANESH GIRN University of British Columbia, Canada

ADAM GREEN Georgetown University, USA

KENNETH M. HEILMAN University of Florida, USA

EMANUEL JAUK University of Graz, Austria

REX E. JUNG University of New Mexico, USA

RYUTA KAWASHIMA Tohoku University, Japan

YOED N. KENETT University of Pennsylvania, USA

SIMON KYAGA Karolinska Institutet, Sweden

CHARLES J. LIMB University of California San Francisco, USA

TALI R. MARRON Bar Ilan University, Israel

NIRA MASHAL Bar Ilan University, Israel

MALINDA J. MCPHERSON Harvard University, USA

AKI NIKOLAIDIS The Child Mind Institute, USA

CAMERON C. PARRO University of British Columbia, Canada

CORINNA PERCHTOLD University of Graz, Austria

DAVIDE PIFFER Ulster Institute for Social Research, UK

REECE P. ROBERTS The University of Auckland, New Zealand

CHRISTIAN ROMINGER University of Graz, Austria

RONIT SABAN-BEZALEL Bar Ilan University, Israel

DANIEL L. SCHACTER Harvard University, USA

DEAN KEITH SIMONTON University of California Davis, USA

HIKARU TAKEUCHI Tohoku University, Japan

OSHIN VARTANIAN University of Toronto, Canada

INDRE V. VISKONTAS University of San Francisco, USA

EMMANUELLE VOLLE Sorbonne Universités, France

VINCENT WALSH University College London, UK

DARYA L. ZABELINA University of Arkansas, USA

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