22nd Annual
MIND BRAIN
RESEARCH DAY

March 26, 2019
11 A.M.–3 P.M.
Salomon Hall and Sayles Hall
Brown University
JOSHUA A. GORDON, M.D., Ph.D.

Dr. Joshua Gordon received his M.D./Ph.D. degree at the University of California, San Francisco and completed his psychiatry residency and research fellowship at Columbia University. He joined the Columbia faculty in 2004 as an assistant professor in the Department of Psychiatry where he conducted research, taught residents, and maintained a general psychiatry practice. In September of 2016, he became the director of the National Institute of Mental Health.

Dr. Gordon’s research focuses on the analysis of neural activity in mice carrying mutations of relevance to psychiatric disease. His lab studies genetic models of these diseases from an integrative neuroscience perspective, focused on understanding how a given disease mutation leads to a behavioral phenotype across multiple levels of analysis. To this end, he employs a range of systems neuroscience techniques, including in vivo anesthetized and awake behaving recordings and optogenetics, which is the use of light to control neural activity. His work has direct relevance to schizophrenia, anxiety disorders, and depression.

Dr. Gordon’s work has been recognized by several prestigious awards, including the The Brain and Behavior Research Foundation – NARSAD Young Investigator Award, the Rising Star Award from the International Mental Health Research Organization, the A.E. Bennett Research Award from the Society of Biological Psychiatry, and the Daniel H. Efron Research Award from the American College of Neuropsychopharmacology.
PROGRAM

11:00 a.m.  Poster Session & Lunch

1:00 p.m.  Welcoming Remarks

Steven A. Rasmussen, M.D.
Mary E. Zucker Professor and Chair
Department of Psychiatry and Human Behavior
Warren Alpert Medical School of Brown University

1:15 p.m.  Keynote Address

“On Being a Circuit Psychiatrist”

Joshua A. Gordon, M.D., Ph.D.
Director, National Institute of Mental Health

2:15-2:30 p.m.  Question & Answer

2:30 p.m.  Presentation of Poster Awards
PREVIOUS KEYNOTE SPEAKERS

2018 Li-Huei Tsai, Ph.D.
“Network level approaches to studying Alzheimer’s Disease”

2017 Trevor W. Robbins, CBE, FRS, FMedSci
“Impulsivity and Compulsivity: Neural Substrates and Neuropsychiatric Implications”

2016 György Buzsáki, M.D., Ph.D.
“Emergence of Cognition from Action”

2015 Richard Axel, M.D.
“Order from Disorder: Internal Representations of the Olfactory World”

2014 Helen Mayberg, M.D.
“What has DBS Taught Us about the Neurocircuitry of Depression?”

2013 Thomas R. Insel, M.D.
“Rethinking Mental Illness”

2012 Eric M. Reiman, M.D.
“Ending Alzheimer’s Together”

2011 Gerald D. Fischbach, M.D.
“Autism Research - Progress and Promises”

2009 Daniel Weinberger, M.D.
“The Simple Truth about the Genetic Complexity of Schizophrenia”

2008 Paul Greengard, Ph.D.
“Signal Transduction Pathways Used and Abused by CNS Drugs”

2007 Alan F. Schatzberg, M.D.
“Recent Studies on the HPA Axis in Depression”

2006 Husseini Manji, M.D.
“Molecular Mechanisms Underlying Mood Stabilization in Bipolar Disorder: Therapeutic Implications”

2005 Floyd E. Bloom, M.D.
“How Advances in the Neurosciences Translate into Clinical Psychiatry”

2004 Nora D. Volkow, M.D.
“Imaging the Addicted Brain”

2003 Thomas R. Insel, M.D.
“The Neurobiology of Social Attachment”

2002 Dennis S. Charney, M.D.
“Neurobiology of Depression: Implication for Novel Therapeutics”

2001 George F. Koob, Ph.D.
“Drug Addiction: Reward Dysregulation and Allostatsis”

1999 Aaron T. Beck, M.D., DMS
“New Advances in Cognitive Therapy”

1998 Enoch Gordis, M.D.
“Advances in Research Alcoholism and What They Promise for Future Treatment and Prevention”

1997 Alan I. Leshner, Ph.D.
“Drugs and the Brain: Can Science Replace Ideology?”

Sponsored by
Robert J. and Nancy D. Carney Institute for Brain Science, Norman Prince Neurosciences Institute, School of Engineering, Departments of Cognitive, Linguistic, and Psychological Sciences; Molecular Biology, Cell Biology, and Biochemistry; Molecular Pharmacology, Physiology, and Biotechnology; Neurology; Neuroscience; Neurosurgery; and Psychiatry and Human Behavior