



David Anderson, PhD, California Institute of Technology
Neurobiology Class of 1979; Faculty 1986, 2006, Lecturer 2019
<https://davidandersonlab.caltech.edu/>

Dr. Anderson is a Howard Hughes Medical Institute investigator and the Seymour Benzer Professor of Biology at the California Institute of Technology. He is also the TianQiao and Chrissy Chen Leadership Chair and Director of the TianQiao and Chrissy Chen Institute for Neuroscience. Dr. Anderson is a founding adviser of the Allen Institute for Brain Research, and spearheaded the Institute's early effort to generate a comprehensive map of gene expression in the mouse brain. He is the author of *The Neurobiology of Emotion: A New Synthesis* with Caltech neuroscientist Ralph Adolfs. Anderson received an NSF Presidential Young Investigator Award in 1986, the 1999 Alden Spencer Award from Columbia University, and a Paul G. Allen Distinguished Investigator Award in 2010. In 2017, he won the 17th Perl-UNC Neuroscience Prize and in 2018, he won the Edward M. Scolnick Prize in Neuroscience.



Juan Angueyra, MD, PhD, National Eye Institute
Neurobiology Class of 2010; Teaching Assistant 2011; Faculty 2015;
<https://trucho.github.io/>

Dr. Angueyra is currently a Research Fellow at the Unit of Retina Neurophysiology led by Dr. Wei Li at the National Eye Institute (NIH). He trained as an MD at Universidad Nacional de Colombia, Bogotá, Colombia and his research career started in the laboratory of Drs. Nasi and Gomez at the MBL where he studied phototransduction in invertebrates and protochordates. He obtained his PhD under the mentorship of Dr. Rieke at the University of Washington where he studied primate cone photoreceptors and how inefficiencies in phototransduction limit human vision. Dr. Angueyra's work aims to understand how retinal circuits process color information and to discover the mechanisms that guide specificity in synapse formation between photoreceptors and their postsynaptic targets.



Rita Balice-Gordon, PhD, Muna Therapeutics

Neurobiology Class of 1985; Faculty 2004-2005

<https://munatherapeutics.com/>

Dr. Rita Balice-Gordon, Ph.D., is the Chief Executive Officer of Muna Therapeutics, a global, early stage biotech company focused on disease modifying therapies for neurodegenerative diseases. She is a Director on the Board of both Collegium Pharmaceutical and Capsida BioTherapeutics, a biotech company innovating new genomic medicines. Before her career in biopharma, Dr. Balice-Gordon was Professor of Neuroscience and Chair of the Neuroscience Graduate Group in the Perelman School of Medicine at the University of Pennsylvania, where she holds an appointment as Adjunct Professor. Dr. Balice-Gordon and her laboratory have studied the cell-cell signaling mechanisms underlying synapse formation and maintenance and pathophysiologic mechanisms underlying autoimmune CNS disorders affecting cognition and behavior. Among her many awards, Dr. Balice-Gordon is an elected Fellow of the American Association for the Advancement of Science.



**Diego Bohórquez, PhD, Duke University School of Medicine
Class of 2013**

<https://www.neuro.duke.edu/research/faculty-labs/bohorquez-lab>

Dr. Bohórquez is an Associate Professor in Medicine and Pathology as well as an Associate Research Professor in Neurobiology at Duke University. He is currently a Faculty Network Member of the Duke Institute for Brain Sciences. Dr. Bohórquez's expertise is in gut-brain sensory transduction. His work has been recognized by multiple prestigious awards, including: Grass Fellowship in the Neurosciences, Kavli Fellow, Polak Young Investigator Award among others. He previously earned his PhD. from North Carolina University in 2010. Dr. Bohórquez was a Postdoctoral Fellow in Neurogastroenterology, Duke University Medical Center, Duke University School of Medicine from 2010-2014.



Lisa Boxer, PhD, National Cancer Institute, NIH

Neurobiology Class of 2015

<https://ccr.cancer.gov/staff-directory/lisa-d-boxer>

Dr. Lisa Boxer is a current Stadtman Investigator in the Laboratory of Genome Integrity, NC. where she studies the role of chromatin regulation in neural development and how mutations in chromatin regulators lead to neurodevelopmental disorders and cancer. She earned her B.S. from the University of California, Los Angeles and received her Ph.D. in Biology from Stanford University in 2015. Her thesis research in Dr. Paul Khavari's lab focused on transcriptional regulation of epidermal differentiation. For her postdoctoral research, she joined Dr. Michael Greenberg's lab at Harvard Medical School. Her postdoctoral work focused on neuronal gene regulation by the methyl-DNA-binding protein MeCP2, mutations in which cause the neurodevelopmental disorder Rett syndrome.



Megan Carey, PhD, Champalimaud Center for the Unknown

Class of 2003

<https://careylab.org>

Megan Carey, PhD, is a neuroscientist and Group Leader of the Neural Circuits and Behavior Laboratory at the Champalimaud Centre for the Unknown in Lisbon, Portugal. Her lab combines quantitative behavioral analysis, genetics, and physiology to understand how the brain controls learned and coordinated movements. Carey completed her Bachelor and Master degrees at Wesleyan University in Connecticut and received her PhD in 2005 from the University of California, San Francisco, where her thesis was awarded UCSF's Krevans Distinguished Dissertation Award. As a Helen Hay Whitney Postdoctoral Fellow at Harvard Medical School, her research focused on cellular mechanisms of neuromodulation and synaptic plasticity.



Kristen Harris, PhD, The University of Texas Austin

Class of 1980; Faculty 1985-1997; Lecturer 1998, 2000, 2001, 2008, 2010, 2015, 2018

<https://synapseweb.clm.utexas.edu/harrislab>

Kristen Harris is Professor of Neuroscience and Fellow in the Center for Learning and Memory at the University of Texas at Austin. For more than two decades, her laboratory has pursued understanding of structural synaptic plasticity in the developing and mature nervous system. Dr. Harris earned her M.S. from the University of Illinois and her Ph.D. from Northeastern Ohio University's College of Medicine, and she did her postdoctoral training at Massachusetts General Hospital. She then served on the faculty of the Harvard Medical School, Boston University, and the Medical College of Georgia, where she was Director of the Synapses and Cognitive Neuroscience Center and a Georgia Research Alliance Eminent Scholar.



Walter J. Koroshetz, MD, National Institute of Neurological Disorders and Stroke, National Institute of Health

Neurobiology Class of 1985

<https://www.ninds.nih.gov/>

Dr. Walter J. Koroshetz, M.D., is the Director of NINDS. As NINDS Director, Dr. Koroshetz directs program planning and budgeting, and oversees the scientific and administrative functions of the Institute. He has held leadership roles in many NIH and NINDS programs including the NIH's Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Initiative, the NIH Blueprint for Neuroscience Research. Before joining NINDS, Dr. Koroshetz served as Vice Chair of the neurology service and Director of stroke and neurointensive care services at Massachusetts General Hospital (MGH). He was a professor of neurology at Harvard Medical School (HMS) and led neurology resident training at MGH between 1990 and 2007.



Raul Ramos, PhD, University of California, Berkeley

Class of 2018; Teaching Assistant 2019, 2021; Course Manager 2022

<https://www.ramosneuro.com/>

Dr. Raul Arturo Ramos is the Kathryn A. Day awardee and Miller Postdoctoral Fellow at UC Berkeley under the mentorship of Drs. Ellen Lumpkin & Diana Bautista. He was previously at Brandeis University where he completed his Ph.D. training under the guidance of Dr. Gina G. Turrigiano. He received his undergraduate degree from Texas A&M International University. His dissertation research focused on understanding the role of homeostatic synaptic plasticity in associative learning and memory. His post-doctoral research aims to explore the intersection of psychedelics and somatosensation.



Vanessa Ruta, PhD, The Rockefeller University

Class of 2000; Faculty 2016; Lecturer 2015

<https://www.rockefeller.edu/our-scientists/heads-of-laboratories/989-vanessa-ruta/>

Vanessa Ruta, PhD, is the Gabrielle H. Reem and Herbert J. Kayden Professor and Head of the Laboratory of Neurophysiology and Behavior at The Rockefeller University and a Howard Hughes Medical Institute investigator. Her lab studies how individual experience and evolutionary selection shape nervous systems to generate flexible variations in behavior. Ruta and her team use the concise neural circuitry of *Drosophila* as a window into adaptive behaviors, from sensory detection to motor implementation. Vanessa received a PhD from Rockefeller University where she worked with Rod MacKinnon to define the structural basis for voltage-sensing in voltage-dependent ion channels. For her post-doctoral studies, she transitioned from studying structure-function relationships at the molecular level and began to examine the functional architecture of neural circuits in *Drosophila* in Richard Axel's lab at Columbia University.



Josh Sanes, PhD, Harvard University

Neurobiology Class of 1971; Faculty 2000-2001, 2007; Lecturer 1995, 2003, 2005-2006, 2008, 2010

<http://saneslab.mcb.harvard.edu/>

Dr. Sanes is the Jeff C. Tarr Professor of Molecular and Cellular Biology at Harvard University. He is a world leader in cellular and molecular neuroscience who has won many accolades, primarily for his discoveries about synapse development. His research endeavors have over the years spanned work on the neuromuscular junction, cell lineage, retina, the classification of neuronal cell types, innovations in transgenic methods (e.g., Brainbow), single cell analysis, and most recently evolutionary issues as his lab compares cell types in a variety of mammals (mice, monkeys, and humans) with those in birds and fish. Sanes did his undergraduate work at Yale University, majoring in Biochemistry and Psychology. He received his PhD in Neurobiology from Harvard and completed postdoctoral work at UCSF. His mentors have included Paul Greengard, John Hildebrand, and Zach Hall. Before he came to Harvard, Dr. Sanes was a faculty member at Washington University School of Medicine for over two decades.