

Tirin Moore, PhD
Professor of Neurobiology
Stanford University School of Medicine



Dr. Tirin Moore received a BA in biological psychology from California State University, Chico and a PhD in neuroscience from Princeton University. He did post-doctoral work in neuroscience at MIT. He was an Early Career Scientist by the Howard Hughes Medical Institute (HHMI) from 2009-2014, and is currently an HHMI Investigator.

His numerous awards include the Troland Research Award from the National Academy of Sciences, he was a Pew Scholar and a Sloan Fellow and received a CAREER Award from the National Science Foundation as well as a McKnight Scholar Award.

Randy Blakely, PhD
Professor, Biomedical Science
Florida Atlantic University Brain Institute



For the past 25 years, Dr. Blakely's laboratory has studied the genetics, biochemistry and regulation of a class of brain proteins known as neurotransmitter transporter proteins, and how altered expression and function of these proteins can lead to major neuropsychiatric disorders. He is responsible for the identification of genes targeted by multiple medications used to treat mental illness and has found evidence for genetic alterations in subjects with Autism, ADHD, Bipolar Disorder and Depression. Dr. Blakely's research has been honored with the top award (MERIT) for a grantee of the National Institutes of Mental Health, a Zenith Award from the Alzheimer's Association, a Distinguished Investigator Award from the Brain and Behavioral Research Foundation, the Julius Axelrod Award from the American Society of Pharmacology and Experimental Therapeutics and he is an elected fellow of the American Association for the Advancement of Science. He has been recognized as a leading educator and scientific mentor and has led educational programs in brain sciences at multiple levels. He holds a dozen patents for his gene discoveries and scientific methods and has served on multiple federal and foundation panels to review scientific programs nationwide.

Margaret McCarthy, PhD
Professor of Pharmacology
University of Maryland School of Medicine



Margaret (Peg) McCarthy received a PhD from the Institute of Animal Behavior at Rutgers University, Newark, NJ, postdoctoral training at Rockefeller University and was a National Research Council Fellow at NIAA before joining the faculty of the University of Maryland School of Medicine in 1993. She was a professor in the Department of Physiology before becoming the Chair of the Department of Pharmacology in 2011. She has received numerous awards and recognition for her mentoring of graduate students. McCarthy has a long standing interest in the cellular mechanisms establishing sex differences in the brain. She uses a combined behavioral and mechanistic approach in the laboratory rat to understand both normal brain development and how these processes might go selectively awry in males versus females. She is currently President of Organization for the Study of Sex Differences, Associate Editor at *Hormones and Behavior* and on the Advisory Board of eNeuro. She also serves on the Board of Scientific Councilors of NIMH and was named one of Maryland's Top 100 Women in 2009.