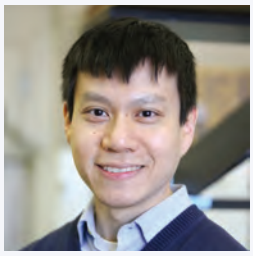
LEON LEVY FELLOWS IN NEUROSCIENCE
2016

Ivan Chavarria-Siles, MD
Icahn School of Medicine at Mount Sinai

Originally from San José, Costa Rica, Dr. Chavarria-Siles received his medical degree from University of Costa Rica. He completed his MSc in biochemical science at Francisco de Vitoria University in Madrid, Spain before starting an NIMH/Fogarty founded fellowship in psychiatric genetics research at UT San Antonio. He continued his research career at the Center for Neurogenomics and Cognitive Research at the VU University in Amsterdam, where his research work focused on understanding how genetic variations can produce structural and functional changes in the brains of patients with psychiatric disorders. After several years doing basic and clinical research, he decided to translate some of his research knowledge into clinical care of patients with psychiatric disorders. In 2012 he joined the Psychiatry Residency Program (Research Track) at Mount Sinai, where he has been able to get clinical training as well as protected time to continue his research in brain imaging genetics of schizophrenia under the supervision of Dr. Pamela Sklar. More recently he started working in a functional Neuroimaging study of Borderline Personality Disorder under the supervision of Dr. Harold Koenigsberg. In 2014 he received the NIMH Outstanding Resident Award.

Sam Horng, MD, PhD
Icahn School of Medicine at Mount Sinai



Dr. Horng received his BA in Biology, summa cum laude, from Columbia University. He pursued pre-doctoral training in clinical bioethics at the National Institutes of Health then completed his MD-PhD degrees at Harvard Medical School and the Massachusetts Institute of Technology Department of Brain and Cognitive Sciences. His graduate work with Mriganka Sur focused on mechanisms of visual map formation in the developing mouse. Currently, he is a resident in the Neurology residency at Mount Sinai Medical Center. He has joined the laboratory of Gareth John, where he studies mechanisms of blood brain barrier breakdown in inflammatory brain disease. As a Leon Levy fellow, he will focus on the role of reactive astrocytes in modulating soluble factor and leukocyte entry into the brain.

Drew Kiraly, MD, PhD
Icahn School of Medicine at Mount Sinai

Dr. Kiraly received his bachelor's degree in Neurobiology and Biochemistry from Drew University where he graduated magna cum laude and was selected to Phi Beta Kappa. After two years working in the lab of Dr. Jane Taylor at Yale University, he went on to enroll in the MD-PhD program at the University of Connecticut. His PhD thesis in the lab of Dr. Betty Eipper examined the role of postsynaptic protein Kalirin-7 in behavioral response to cocaine and NMDA receptor localization at the synapse. His thesis work was published in the Journal of Neuroscience and Biological Psychiatry among others, and he was awarded the Bloomberg Prize as the top clinical student in psychiatry. Dr. Kiraly is currently a psychiatry resident at the Icahn School of Medicine at Mount Sinai and serves as the Chief Resident for Research. He is currently working with Drs. Eric Nestler and Scott Russo on projects examining the role of inflammatory signaling and the gut microbiota on the development of psychostimulant addiction.

James Young, MD, PhD
Icahn School of Medicine at Mount Sinai

Dr. Young received his BS and MS in Biology from Stanford University. He pursued a combined MD-PhD degree at Icahn School of Medicine at Mount Sinai. His doctoral thesis in the lab of Dr. Matthew Shapiro focused on in behavioral flexibility in rats. He performed single unit recordings in the orbitofrontal cortex to study neural encoding during reversal learning. Currently, he is one of the chief residents in Neurology at Mount Sinai Hospital. His current research performs behavioral testing on human subjects while they undergo electrocorticography (ECOG) for surgical management of epilepsy. As a Leon Levy fellow, his research will focus on the role of intrinsic oscillatory activity in supporting decision-making and memory.