Erika F. Augustine, M.D., Heather R. Adams, Ph.D. & Jacob M. Adams, M.D., MPH, $75,000, University of Rochester School of Medicine, Rochester, NY. Pilot Study: Proportion of Hispanic and non-Hispanic Black Children with Tics.

Kelly Anne Barnes, Ph.D. & Bradley L. Schlaggar, M.D., Ph.D., $40,000, Washington University School of Medicine, St. Louis, MO. Cortico-striatal Functional Connectivity in Children and Adolescents with Tourette Syndrome: A Resting-state Functional Connectivity MRI Study (Fellowship).

Marco Bortolato, M.D., Ph.D. & Paola Devoto Ph.D., $72,990, University of Cagliari, Monserrato, Italy. Therapeutic Action of 5-alpha-Reductase Inhibitors in Tourette Syndrome (2nd Year).

Silvia A. Bunge, Ph.D., Adam Aron, Ph.D., Blythe Corbett, Ph.D. & Elysa Marco, Ph.D., $75,000, University of California, Berkeley, CA. Neural Mechanisms of Cognitive Control and Reward-based Learning in Unmedicated Children with Tourette Syndrome.

Nanette Mol Debes, M.D., Ph.D., Liselotte Skov, M.D., D. Med. Sci. & Kerstin Plessen, M.D., Ph.D., $73,000, Glostrup University Hospital, Glostrup, Denmark. Disentangling Neuroanatomic Changes Over Time by a 5-Year Follow-up Neuroimaging Study of a Large Clinical Cohort of Children and Young Adults with TS.

Deanna Jacquelyn Greene, M.A., Ph.D., Kevin Black, M.D. & Bradley Schlaggar, M.D., Ph.D., $40,000, Washington University School of Medicine, St. Louis, MO. Pathophysiological Markers in the "Pre-Tourette" Population (Fellowship).

Aryn H. Gittis, Ph.D. & Anatol C. Kreitzer, Ph.D., $29,326, University of California, San Francisco, CA. Feedforward Inhibitory Regulation of Basal Ganglia Output and its Relation to Circuit Dysfunction in Tourette Syndrome (Fellowship).

Benjamin Yost Hayden, Ph.D. & Michael L. Platt, Ph.D., $40,000, Duke University School of Medicine, Durham, NC. Neural Mechanisms of Self-Control (Fellowship).

Daniel Kent Leventhal, M.D., Ph.D. & Joshua Berke, Ph.D., $40,000, University of Michigan School of Medicine, Ann Arbor, MI. In Vivo Striatal Fast Spiking Interneuron Suppression Using Optogenetic Techniques (Fellowship).

Chiang-shan Ray Li, M.D., Ph.D., James Leckman, M.D. & Yu-Shin Ding, Ph.D., $75,000, Yale University School of Medicine, New Haven, CT. Imaging cognitive motor control in Tourette Syndrome (2nd Year).

Gholson J. Lyon, M.D., Ph.D. & Hilary Coon, Ph.D., $73,818, University of Utah, Salt Lake City, UT. Genotype and Phenotype Analysis in Large Extended Pedigrees with Tourette's Syndrome and/or Tics.

Rachel Marsh, Ph.D. & Bradley S. Peterson M.D., $75,000, New York State Psychiatric Institute, Columbia University School of Medicine, New York, NY. A Virtual Reality-based FMRI Study of Learning Systems in Children with TS.

Masaaki Ogawa, M.D., Ph.D. & Ed Boyden, Ph.D., $40,000, Massachusetts Institute of Technology, Cambridge, MA. Role of the Orbiti Frontal Cortex and Midbrain Dopamine Neurons in Associative Learning from Reward Prediction Errors (Fellowship).

Guy A. Rouleau, M.D., Ph.D., $75,000, University of Montreal, Montreal, Canada. Whole Exome Resequencing in Familial Tourette Syndrome.

Jeremiah M. Scharf, M.D., Ph.D., Yoav Ben-Shlomo, M.D., M.Sc. & Carol Mathews, M.D., $39,683, Massachusetts General Hospital, Harvard Medical School, Boston, MA. Evaluation of Prenatal and Perinatal Risk Factors for Tourette Syndrome and Chronic Tic Disorders in a Large, Prospective, Population-based Cohort (2nd year).

Kerstin Schwabe, Ph.D., Joachim K. Krauss, Ph.D. & Mesbah Alam, Ph.D., $60,000, Hannover Medical School, Hannover, Germany. Effect of Deep Brain Stimulation in Rats Selectively Bred for Deficient Prepulse Inhibition, An Endophenotype for Tourette's Syndrome.

Catherine Woodstock Striley, Ph.D., MSW, MPE & Kevin J. Black, M.D., $73,100, Washington University School of Medicine, St. Louis, MO. Uncovering Disparities in TS Prevalence and Identification Between Caucasians and African Americans.

Steve Wei Wu, M.D. & Donald L. Gilbert, M.D., $74,837, Cincinnati Children's Hospital Medical Center, Cincinnati, OH. Neuropasticity in Tourette Syndrome.

Scott A. Wylie, Ph.D., Wery van den Wildenberg, Ph.D., Daniel Claassen, M.D. & George Wooten, M.D., $52,985, University of Virginia Medical Center, Charlottesville, VA. Deficits and Temporal Dynamics of Inhibitory Control over Voluntary and Involuntary Actions in Tourette Syndrome.