The Tourette Association of America (TAA) has designated The Johns Hopkins Hospital as a Center of Excellence. For more than 30 years, under the leadership of Harvey Singer, M.D., professor of neurology and pediatrics, the Johns Hopkins Tourette’s Center has provided specialized care for children and adults affected with Tourette syndrome. In line with the institution’s tripartite mission of patient care, education and research, the center has also been at the forefront in research contributing to understanding of this disorder and in teaching future health care providers.

**Clinical Care:** The Johns Hopkins Tourette’s Center offers interdisciplinary patient care from leading experts in the fields of pediatric and adult neurology, psychiatry, and neurophysiology. Our team is committed to providing care designed for each patient’s personal needs throughout his or her life by offering comprehensive individualized assessments and therapeutic approaches, including pharmacotherapy, behavioral therapy, botulinum toxin and deep brain stimulation.

**Research:** The center has a long and successful record of clinical and basic science research pertaining to tics and Tourette syndrome. Original research studies have included the investigation of the following aspects of Tourette syndrome:

- Clinical characteristics: definition, assessment, outcome, executive and neuromotor functions, behavior and emotional issues, learning difficulties, sleep problems and the visual system
- Comorbidities: attention deficit hyperactivity disorder and obsessive-compulsive disorder
- Treatments: behavioral and numerous pharmacological trials
- Genetics: microarray, polymorphisms, missense variants, and collaboration with national and international whole exome efforts
- Autoimmunity: anti-neuronal antibodies and inflammatory markers
- Neurobiology, including electrophysiology and anatomy: volumetric, structural and functional imaging
- Neurochemistry: positron emission tomography, MR spectroscopy, and studies using post-mortem brain tissues, cerebrospinal fluid and blood

**Education:** The educational programs at Johns Hopkins are designed to engage medical students; residents in neurology, psychiatry, pediatrics, internal medicine and psychology; fellows; physicians; and allied health professionals. Members of the center are active participants in TAA’s national organization and the Mid-Atlantic chapter, as well in international meetings. One of our efforts is to develop educational and therapeutic programs that could have global implications.
THE JOHNS HOPKINS HOSPITAL
1800 Orleans St.
Baltimore, MD 21287

To request an appointment, call 410-955-4259.

To learn more about the Johns Hopkins Tourette’s Center, visit www.hopkinsmedicine.org/neuro/tourette.

Director: Harvey Singer, M.D.
Co-Director: Marco Grados, M.D.

The Center of Excellence program is part of a larger initiative designed by The Tourette Association of America Center to make life better for all people affected by Tourette and Tic Disorders. Visit tourette.org or call 888-4-TOURET for more information.