



Dear <First Name>,

Each day a child or adult is diagnosed with Tourette Syndrome (TS) or a Tic Disorder and countless others remain undiagnosed. Individuals and families struggle to find answers about this very misunderstood condition. But each passing day also brings new hope to the hundreds of thousands of individuals who live with Tourette Syndrome and Tic Disorders; hope that new advancements in research and treatment options will pave the way for a better life.

At the forefront of Tourette Syndrome research is the Tourette Association of America. In partnership with our Scientific Advisory Board, we have identified five cutting edge research projects that will break barriers in research and lead the way in scientific discovery to better understand TS. **But we can't fund them without your help.**

When you make a donation to the Tourette Association of America you are making a direct and positive impact on each new discovery. Your support propels the advancement of promising new treatments and impacts the lives of thousands.

For the first time ever, we invite you to take part in the process. Please review the latest studies and assist researchers in their efforts to advance treatment options and research in Tourette Syndrome and Tic Disorders. If you are interested in learning more about all TAA funded studies visit tourette.org/grants or call 888-4touret.

Gratefully,



Amanda

Amanda Talty
President & CEO
Tourette Association of America



tourette.org/discovery

MAKE A DIFFERENCE IN THE LIFE OF SOMEONE LIVING WITH TOURETTE SYNDROME AND TIC DISORDERS. FUND RESEARCH DISCOVERY TODAY.



STUDYING THE RECEPTOR FOR THC

SHARON ANAVI-GOFFER, PH.D.

Dr. Anavi-Goffer is testing different drug candidates that target the same pathways in the brain as cannabis for their potential to improve tic-like or OCD-like symptoms in mice. These drug candidates could be safer or more effective than cannabis in targeting Tourette symptoms.



STUDYING SOCIAL DETERMINANTS OF HEALTH

MARISELA DY-HOLLINS, M.D.

This fellowship will train Dr. Dy-Hollins for a clinical research career in Tourette Syndrome. She is specifically focused on understanding the differences in care across gender, racial/ethnic minorities and socio-economic backgrounds.



STUDYING ALTERATIONS IN BRAIN CHEMISTRY

STEPHEN JACKSON, PH.D.

Dr. Jackson proposes to use sophisticated brain imaging to understand more about how brain circuits function in Tourette Syndrome and if these circuits could be modified with transcranial magnetic stimulation to improve symptoms.



STUDYING GENE EXPRESSION CHANGES

LIANA FASCHING, PH.D.

Dr. Fasching is using cutting edge technology to look for changes in gene expression within individual nerve cells of Tourette Syndrome brains to begin to understand the root causes of the condition.



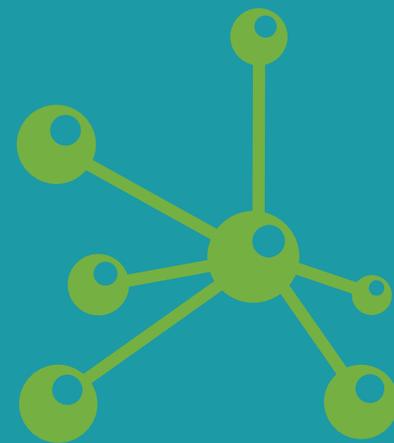
STUDYING BRAIN BIOMARKERS

STEVE WU, M.D.

Dr. Wu is investigating transcranial magnetic stimulation and electroencephalography (EEG) markers related to tic control. If we can understand what happens in the brain when people suppress their tics perhaps we could target that mechanism to reduce tic frequency.

“TAA provides critical seed funding to encourage the best and the brightest researchers around the world to apply their expertise to Tourette Syndrome.”

*Diana Shineman, Ph.D.
Vice President, Research and Medical Programs*



YOUR DOLLARS IN ACTION

“The support from the TAA has been instrumental in my career development, as it was through their support that I was able to generate the first reversible models of Tourette symptoms. This enabled a research path that was focused on how each node within the large distributed networks encode and contribute to behavior.”

Kevin W. McCairn Ph.D.
RIKEN
Laboratory for Symbolic
Cognitive Development

“The TAA funded fellowship has allowed me to focus on Tourette Syndrome as an Assistant Professor, and thus has set the stage for me to have a long career in TS research”

Matt Capriotti Ph.D.
San Jose State University

“The early TAA funding helped launch my career in TS. I initially went into psychiatric research with the intention of studying bipolar disorder.”

Carol Mathews, Ph.D.
TAA Scientific Advisory Board Co-Chair

tourette.org/discovery