



**Joshua M. Shulman MD, PhD** is an Associate Neurologist at the Brigham & Women's Hospital and Instructor in Neurology at Harvard Medical School in Boston, MA. He received an A.B. in Biochemical Sciences from Harvard College, and his Ph.D. in Genetics from Cambridge University. He subsequently studied at Harvard Medical School and the Massachusetts Institute of Technology, Division of Health Sciences and Technology, where he received his M.D. and later, an M.M.Sc. in Clinical Investigation. Dr. Shulman completed his residency and fellowship training in the Harvard/Partners Neurology Program at the Brigham & Women's Hospital and the Massachusetts General Hospital. In addition to the Parkinson's Study Group, Dr. Shulman is a member of the American Academy of Neurology, the Movement Disorders Society, and the American Society of Human Genetics. He sees patients with Parkinson's disease and related disorders within the Division of Movement Disorders, Department of Neurology at the Brigham & Women's Hospital.

Dr. Shulman's research focuses on understanding the genetic architecture of neurodegenerative disorders, including Parkinson's disease and Alzheimer's disease. To accomplish this goal, he integrates genetic investigation in human subject cohorts with functional experiments in fruit fly genetic models relevant to disease. Dr. Shulman has received a K08 award from the National Institute of Health / National Institute on Aging and the Burroughs Wellcome Fund Career Award for Medical Scientists. He is the recipient of the 2011 Parkinson's Study Group / Parkinson's Disease Foundation Mentored Clinical Research Award for his research proposal, "Genetic and Transcriptional Analysis of Susceptibility for Parkinson's Disease Neuropathology".

Representative Publications:

**Shulman, JM** and Feany, MB. Genetic modifiers of tauopathy in *Drosophila*. *Genetics* 2003; 165:1233-1242.

**Shulman, JM**, Chibnik, LB, Aubin, C, Schneider, J, De Jager, P, and Bennett, D. Intermediate phenotypes identify divergent pathways to Alzheimer's disease. *PLoS ONE* 2010; 5(6): e11244.

**Shulman, JM**, Chipendo, PC, Aubin, C, Tran, D, Kramer, P, Schneider, J.A., Bennett, DA, Feany, MB, De Jager, PL. Functional screening of Alzheimer's pathology genome-wide association signals in *Drosophila*. *American Journal of Human Genetics*. 2011; 88:232-238.

Chibnik, LB, **Shulman, JM**, Leurgans, S, Schneider, JA, Wilson, RS, Tran, D, Aubin, C, Huentelman, MJ, Reiman, EM, Evans, DA, Bennett, DA, De Jager, PL. The Alzheimer's susceptibility locus CR1 is associated with increased amyloid plaque burden and age-related cognitive decline. *Annals of Neurology*. In press.

**Shulman, JM**, De Jager, PL, Feany, MB. Parkinson's Disease: Genetics and Pathogenesis. *Annual Reviews of Pathology: Mechanisms of Disease* 2011; 6(1):193-222.

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