The Raskind/Korvatska group in the Departments of Medicine and Psychiatry and Behavioral Sciences is seeking a post-doctoral researcher with an interest in the genetics of neurodegenerative diseases to join an ongoing study of 1) the role of (H+) vacuolar ATPase in Parkinson’s disease and intellectual disability (Hum Mol Genet 2013 22:3259-68) or 2) microglia-specific genetic risk factors in Alzheimer’s disease (JAMA Neurol 2015 72:920-7). We use diverse genetic and genome-wide approaches for gene discovery, complemented by functional analysis in cells from patients and/or model systems. Dr. Raskind, a medical geneticist, and Dr. Korvatska, a molecular biologist, collaborate with experts in neurobiology, systems biology, stem cell biology and neuropathology.

**Ideal training and experience would include:**

- PhD in Neuroscience, Molecular and Cell Biology, Genome Sciences, Immunology or equivalent.
- Expertise in mammalian tissue culture, gene delivery (e.g., nucleofection, lentivirus), RNA interference, *in vivo* reporter assays, and cell imaging;
- Familiarity with a range molecular biology techniques such as molecular cloning, qRT-PCR, RNA microarrays and next-gen sequencing

**Desired:** expertise with flow cytometry, stem cell biology (iPSC generation and differentiation), monocyte cell cultures and immunological assays, gene editing (CRISPR/CAS9), familiarity with bioinformatics (analysis of RNA-Seq data and/or proteomics data, pathway analyses)

The UW is an outstanding environment from which future careers in academics and/or industry are strongly developed. Because the position will be funded by an NIH institutional training grant, only US citizens or permanent residents are eligible. The fellowship could begin as early as July 2016.

Applications consisting of a cover letter, CV and contact information for three references should be submitted by e-mail to Wendy Raskind (wendyrun@uw.edu).