The Dauer laboratory is working to define and dissect cellular and molecular mechanisms and potential therapeutic approaches for Parkinson disease and dystonia. We focus on disease genes, and use molecular, cellular, and whole animal studies to dissect the normal role of disease proteins, and how pathogenic mutations cause disease phenotypes. We seek ambitious postdoctoral scientists to work in the following areas:

1. Mouse genetics/modeling including neuroanatomical (e.g. in situ hybridization, immunohistochemistry, tract mapping), molecular and behavioral methods.

2. Cell biological and biochemical studies in primary neuronal and related cultures, including proteomic and genomic approaches.


To apply, please email a cover letter explaining your goals for postdoctoral training and a CV to William Dauer at dauer@med.umich.edu