The Shanahan Foundation Fellowship at the Interface of Data and Neuroscience

The brain is the most complex piece of organized matter in the known universe. Now, with advances in brain science methodology—Neuropixels probes that can record from thousands of neurons at once, large-scale optical calcium imaging in behaving animals, transcriptional data relating to 100s of distinct neuronal cell types, and a growing consensus on data on common standards across laboratories—the field is flooded with data that need interpretation.

The skills of diverse scientific backgrounds will be essential to springboard the field to the next stage of discovery. To that end, the Shanahan Foundation Fellowship at the Interface of Data and Neuroscience was created to bring fresh perspectives into the field, encouraging experts in data, computation, and theory across diverse fields to work with leading neuroscientists at the Allen Institute and at the University of Washington.

Fellowship details

- 3-year program for those within 3 years of their PhD degree to explore complex data in neuroscience at the Allen Institute and University of Washington
- Neuroscience experience not needed—we're seeking applicants with expertise in computer science, data science, engineering, mathematics, physics, and allied fields
- Designed to provide freedom to explore a new research question, including a discretionary fund for each fellow
- Participation in the 2-week Summer Workshop on the Dynamic Brain course in the San Juan Islands
- Each fellow receives mentorship from Allen Institute and UW scientists; hired as an Allen Institute employee with a competitive salary (starting $106,780 annually) and benefits package (including immigration support and relocation)

Applications are due December 1st, 2025

Learn more and apply to be a fellow: https://bit.ly/ShanahanFellow