Our mission at the Allen Institute for Brain Science is to accelerate the understanding of how the human brain works in health and disease. Using a big science approach, we generate useful public resources, drive technological and analytical advances, and discover fundamental brain properties through integration of experiments, modeling and theory.

The Research Associate I - Imaging is responsible for conducting experiments and completing protocols in a high-throughput production environment, following Standard Operating Procedures (SOPs). Problem solving skills are required for troubleshooting during process development. The Research Associate I - Imaging will be part of a team that uses multiple microscopy systems to acquire high quality images from histological slides, whole brain specimens, and other custom applications. The incumbent will also contribute to image quality control and analysis, as well as fulfill support functions within the team. The successful candidate will be a dedicated worker with attention to detail and an interest in collaborative science.

Job Responsibilities

* Operate multiple imaging instruments (brightfield, epi-fluorescence and one-photon laser scanning microscopes)
* Perform routine laboratory work, including specimen and slide preparation
* Compile, process and analyze data; evaluate and communicate research results
* Follow Standard Operating Procedures, good laboratory practices, and comply with all regulatory requirements
* Evaluate, calibrate and troubleshoot experiment quality and instrument functionality
* Maintain accurate laboratory documentation using established methods, which may include Microsoft Office, Microsoft Access, custom Laboratory Information Management System (LIMS), Atlassian JIRA and others
* Contribute to and audit SOPs, as requested by departmental Manager/Director. Assist and train other staff as necessary
* Contribute to a rigorously scientific, cohesive and efficient team environment
* Other duties as assigned

The Allen Institute for Brain Science is working on some of the most ambitious and exciting research in the world, and it has been a dream of mine to work there since I entered neural research. My background in the wet-lab, investigating the development of the peripheral nervous system, as well as my current research into processing and analyzing data from a functional connectivity perspective, gives me skillset well adapted to the demands of a research assistant. Being able to contribute to the mission of the Allen institute to create public resources for the community of neuroscientists would be an honor.