

Research Technician Tufts University

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Posted May 8, 2024, set to expire Dec. 31, 2024

Job Title	Research Technician
Department	Department of Neuroscience
Institution	Tufts University Medford, Massachusetts
Date Posted	May 8, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Classified Staff
Academic Field(s)	Research/Technical/Laboratory
Job Website	https://jobs.tufts.edu/jobs/20451?lang=en-us&iis=Job+Board&iisn=AcademicKeys
Apply By Email	
Job Description	

Overview

The Department of Neuroscience is a basic science department that focuses on cutting-edge research in the areas of synapse development and function, sensory systems, and complex behavior, cognitive neuroscience, and behavioral neurobiology. The Bygrave lab is supported by funding from the federal government as well as university funds. The faculty within the department is also extensively involved with the Graduate School of Biomedical Science Program in Neuroscience as well as teaching within the medical school.

What You'll Do

Under close supervision of Principal Investigator, the candidate in this role would conduct a variety of experiments to evaluate mechanisms of synapse function and strategies to improve genetic targeting of specific populations of neurons.

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There are three primary roles for this position: 1) support the running of the lab through making solutions and ordering reagents and supplies, 2) stereotaxic surgery of viral vectors and immunohistochemistry to evaluate expression profiles, and 3) computational analyses to predict identify protein-protein interactions and to support the development of image analysis pipelines. Having prior experiences in any of the following is a plus (but not a prerequisite) for the position: biochemistry, molecular biology, use of AlphaFold for protein structure predictions, coding proficiency to build analysis pipelines. More information about the Bygrave lab can be found here: <https://www.bygravelab.com/home>

- Support the running of the lab through making solutions and ordering reagents and supplies.
- Stereotaxic surgery of viral vectors and immunohistochemistry to evaluate expression profiles
- Computational analyses to predict identify protein-protein interactions and to support the development of image analysis pipelines.

What We're Looking For

Basic Requirements:

- Bachelor's degree in science with up to one year laboratory experience

Preferred Qualifications:

- Familiarity with basic laboratory techniques and procedures
- Experience with computational analyses

Pay Range

Minimum \$19.80, Midpoint \$23.55, Maximum \$27.30

Salary is based on related experience, expertise, and internal equity; generally, new hires can expect pay between the minimum and midpoint of the range.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.



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Contact

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