

Research Assistant Tufts University

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Posted Mar. 11, 2024, set to expire Dec. 31, 2024

Job Title	Research Assistant
Department	Department of Neuroscience
Institution	Tufts University Medford, Massachusetts
Date Posted	Mar. 11, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Biology - Neuroscience/Neurobiology Biology - General
Job Website	https://jobs.tufts.edu/jobs/20237?lang=en-us&iis=Job+Board&iisn=AcademicKeys
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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 Dr. F. Robert Jackson 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.

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What You'll Do

In collaboration with the Principal Investigator the candidate in this role will work independently performing a wide range of specialized techniques and experiments. The overarching goal will be to use classical and molecular genetic approaches along with sophisticated behavioral assays to study roles for glia-neuron communication in the regulation of *Drosophila* circadian behavior and sleep. The role will include collection of *Drosophila* adults for genetic crosses, data analysis, interpretation of results, statistical analysis, and production of figures/tables for publication. The role will include supervision and training of others in the laboratory and helping to manage laboratory operations (ordering supplies and maintaining equipment). More information about the Jackson lab can be found here: <https://gsbs.tufts.edu/faculty-research/rob-jackson-lab>

What We're Looking For

- Bachelor's Degree
- 5-10 years of experience in related laboratory studies. Experience in *Drosophila* genetics and analysis of sleep/circadian behavior is essential.
- Experience conducting laboratory experiments (genetics, microscopy, behavioral testing, statistical analysis).
- Data analysis, and production of figures for scientific publications
- Supervision, training, and laboratory management

Pay Range

Minimum \$47,800.00, Midpoint \$59,850.00, Maximum \$71,900.00

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



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Contact

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