

## Research Assistant Tufts University

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Posted Jul. 29, 2025, set to expire Dec. 31, 2025

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| <b>Job Title</b>            | Research Assistant  |
| <b>Department</b>           | Department of Neuroscience  |
| <b>Institution</b>          | Tufts University<br>Medford, Massachusetts  |
| <b>Date Posted</b>          | Jul. 29, 2025   |
| <b>Application Deadline</b> | Open until filled   |
| <b>Position Start Date</b>  | Available immediately   |
| <b>Job Categories</b>       | Research Scientist/Associate  |
| <b>Academic Field(s)</b>    | Biology - Neuroscience/Neurobiology<br>Biology - Molecular<br>Biology - Genetics<br>Biology - General   |
| <b>Job Website</b>          | <a href="https://jobs.tufts.edu/jobs/22087?lang=en-us&amp;iis=Job+Board&amp;iisn=AcademicKeys">https://jobs.tufts.edu/jobs/22087?lang=en-us&amp;iis=Job+Board&amp;iisn=AcademicKeys</a> |

**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. Dr. Rob Jackson's lab utilizes molecular genetic approaches to study circadian behavior and sleep. Faculty members within the department are 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

Conducts a variety of routine and specialized laboratory experiments with accuracy. 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. Makes decisions regarding the appropriate protocol or procedure necessary to achieve reproducible results and whether modification or repetition is necessary. Records test results and analyzes behavioral, molecular, and imaging data derived from experiments. Helps order reagents and keep lab organized. Information about the Jackson lab can be found at: <https://gsbs.tufts.edu/faculty-research/rob-jackson-lab>.

- Performs experiments utilizing genetics, molecular biology, immunohistochemistry and confocal imaging.
- Records results and maintains accurate records of experiments
- Performs data interpretation and assists with statistical analysis and summaries
- Maintains laboratory equipment and orders/keeps inventory of supplies

### What We're Looking For

#### Basic Requirements:

- Knowledge and skills as typically acquired through degree in biology or neuroscience with 1-2 years related laboratory experience.

#### Preferred Qualifications:

- Some knowledge of neuroscience and genetics
- Knowledge of basic statistics
- Experience with immunohistochemistry
- Well organized and pays attention to details
- Able to communicate with others effectively

### Pay Range

Minimum \$49,500.00, Midpoint \$62,000.00, Maximum \$74,500.00

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

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**Contact Information**

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

**Contact**

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