

Lab Technician
Worcester Polytechnic Institute

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Downloaded On: Jul. 19, 2024 12:57am

Posted Jul. 18, 2024, set to expire Nov. 10, 2024

Job Title	Lab Technician
Department	Biology & Biotechnology
Institution	Worcester Polytechnic Institute Worcester, Massachusetts
Date Posted	Jul. 18, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Professional Staff
Academic Field(s)	Biology - Molecular Biology - General
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JOB TITLE

Lab Technician

LOCATION

Worcester

DEPARTMENT NAME

Biology & Biotechnology Department

DIVISION NAME

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Worcester Polytechnic Institute - WPI

JOB DESCRIPTION SUMMARY

The newly opened Vieux lab at Worcester Polytechnic Institute (WPI) seeks a Lab Technician with an interest in mechanisms of RNA processing, focusing on RNA tailing. We use classical genetics and CRISPR/Cas9 genome editing in *C. elegans*, along with next-generation sequencing, cell biology, and biochemical techniques to 1) understand how tail length and composition modulate aspects of RNA biology; and 2) elucidate regulatory mechanisms and physiological consequences of tailing in the context of oogenesis and early embryogenesis. For more information, please see our previous project summary (NIH Intramural MOSAIC Scholars Project Summaries).

WPI is passionate about creating an inclusive workplace that promotes and values diversity. We are looking for candidates who can support our commitment to equity, diversity and inclusion.

JOB DESCRIPTION

The successful candidate will collaborate closely with a multidisciplinary team of researchers to design, execute, and analyze experiments. Applicants must have completed a Bachelors in natural sciences, engineering, or related fields. Expertise in molecular and cell biology, *C. elegans* husbandry, as well as verbal and written communication skills are required. Previous undergraduate research experience and/or 1+ year of work experience is also preferred. Other desirable aptitudes include:

- Adept sterile technique.
- Genotyping experience.
- Proficiency in data analysis and relevant software tools.
- Ability to work collaboratively as part of a research team.
- Lab managerial skills

Responsibilities:

- Prepare and maintain laboratory equipment, reagents, and supplies.
- Assist in sample preparation, data collection, and analytical and quantitative imaging.
- Assist in a genetic screen of terminal nucleotidyl transferases and exonucleases expression and function in *C. elegans*.
- Keep accurate and complete records of all scientific experiments according to established procedures and ensure that these records and raw data are properly retained.
- Collaborate with other team members to transmit knowledge and skill, generate and test

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- hypotheses, interpret results, and present findings.
- Publish research findings and in peer-reviewed journals and present at conferences.

Requirements:

- Minimum 4 Year / B.S. in Biology or a related field
- 0 to 2 years Experience in Molecular biology or general biology lab experience
- A minimum two-year commitment with the possibility of long-term employment.

FLSA STATUS

United States of America (Non-Exempt)

WPI is an Equal Opportunity Employer that actively seeks to increase the diversity of its workplace. All qualified candidates will receive consideration for employment without regard to race, color, age, religion, sex, sexual orientation, gender identity, national origin, veteran status, or disability. It seeks individuals with diverse backgrounds and experiences who will contribute to a culture of creativity, collaboration, inclusion, problem solving, innovation, high performance, and change making. It is committed to maintaining a campus environment free of harassment and discrimination.

To apply, visit: https://wpi.wd5.myworkdayjobs.com/en-US/WPI_External_Career_Site/job/Worcester/Lab-Technician_R0002877

About WPI

WPI is a vibrant, active, and diverse community of extraordinary students, world-renowned faculty, and state of the art research facilities. At WPI, we have competitive and comprehensive benefits, including health insurance, long-term care, retirement, tuition assistance, flexible spending accounts, work-life balance and much more.

Diversity & Inclusion at WPI

WPI is committed to creating an inclusive workplace where everyone feels valued and respected; a place where every student, faculty and staff member can be themselves, so that they can study, live, and work comfortably, to reach their full potential, and make meaningful contributions in order to meet departmental and institutional goals. WPI thrives on innovative practice and welcomes diverse perspectives, insight, and people from diverse lived experiences, to enhance the community

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environment and propel the institution to the next level in a competitive, global marketplace.

Contact Information

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

Contact

N/A

Worcester Polytechnic Institute

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