

Research Associate
Worcester Polytechnic Institute

Direct Link: <https://www.AcademicKeys.com/r?job=254922>

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Posted Mar. 26, 2025, set to expire Jul. 3, 2025

Job Title	Research Associate
Department	Biology & Biotechnology
Institution	Worcester Polytechnic Institute Worcester, Massachusetts
Date Posted	Mar. 26, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Biology - Molecular Biology - Genetics Biology - General
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Job Description

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JOB TITLE

Research Associate

LOCATION

Worcester

DEPARTMENT NAME

Biology & Biotechnology - NFR JM

DIVISION NAME

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Worcester Polytechnic Institute - WPI

JOB DESCRIPTION SUMMARY

A full-time research associate position is available in the Nechipurenko lab at Worcester Polytechnic Institute. Our lab uses cutting-edge biochemistry and molecular genetic tools in *C. elegans* and mammalian cells to investigate the molecular mechanisms of cilia assembly and the genetic basis of neurodevelopmental disorders. The successful candidate will learn and implement basic molecular genetic and cell culture techniques such as molecular cloning, CRISPR-Cas9 genome editing, immunofluorescence, microscopy, and classic *C. elegans* genetics.

JOB DESCRIPTION

MAIN RESPONSIBILITIES

- Carry out molecular biology experiments such as PCR, plasmid construction, CRISPR-Cas9 editing
- Perform high-resolution microscopy on live and fixed samples
- Carry out basic cell culture experiments such as transfections and immunofluorescence
- Carry out general lab maintenance that includes freezing *C. elegans* strains, making and autoclaving buffers

PREFERRED QUALIFICATIONS

- M.S. or B.S. in Biology or a related field
- Strong communication, organization, and record-keeping skills
- Molecular biology experience and basic knowledge of genetics are required
- Demonstrated ability to work independently and as part of a team
- A minimum two-year commitment

Salary will be commensurate with experience. Please include contact information for three references with your application.

FLSA STATUS

United States of America (Exempt)

WPI is an Equal Opportunity Employer. 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 from all backgrounds and experiences who will contribute to a culture of creativity, collaboration, inclusion, problem

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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/Research-Associate_R0003118

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 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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