

**Post Doctoral Fellow
Worcester Polytechnic Institute**

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Posted Jul. 23, 2024, set to expire Nov. 19, 2024

Job Title	Post Doctoral Fellow
Department	Biology & Biotechnology
Institution	Worcester Polytechnic Institute Worcester, Massachusetts
Date Posted	Jul. 23, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Biology - Neuroscience/Neurobiology Biology - Molecular Biology - Cell Biology Biology - Biochemistry Biology - Developmental/Evolutionary
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Job Description

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JOB TITLE

Post Doctoral Fellow

LOCATION

Worcester

DEPARTMENT NAME

Post Doctoral Fellow Worcester Polytechnic Institute

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Biology & Biotechnology - NFR JM

DIVISION NAME

Worcester Polytechnic Institute - WPI

JOB DESCRIPTION SUMMARY

An NIH-funded position is available in the Nechipurenko lab in the Department of Biology and Biotechnology at Worcester Polytechnic Institute, Worcester, MA to study the role of primary cilia in neurodevelopmental disorders and stress response. 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 have strong background in cell and molecular biology, biochemistry, and/or bioinformatics.

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

MAIN RESPONSIBILITIES:

- lead a research project, report progress, and define/track project deliverables
- analyze and interpret research data using appropriate statistics and software
- mentor and provide guidance to graduate and/or undergraduate students involved in the same or related research project in the lab
- prepare research findings for publication in peer-reviewed journals
- present at conferences and scientific meetings
- organize and maintain accurate records of research data, protocols, and reagents generated in the course of the project

PREFERRED QUALIFICATIONS:

- Candidates from broad backgrounds are encouraged to apply; however, PhD in Molecular/Cell/Developmental Biology, Neuroscience, Biochemistry or related fields is preferred
- a record of excellence demonstrated by peer-reviewed publications and conference presentations
- strong oral and written communication skills
- The successful candidate will be self-motivated and able to independently guide a research

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project

- Bioinformatics and programming skills necessary for analysis of sequencing-based datasets are strongly preferred

FLSA STATUS

United States of America (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/Post-Doctoral-Fellow_R0002889

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.

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Contact Information

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

Contact

N/A

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