

**Post-Doctoral Fellow
Worcester Polytechnic Institute**

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Posted Jul. 11, 2025, set to expire Nov. 6, 2025

Job Title Post-Doctoral Fellow
Department Mechanical & Materials Engineering
Institution Worcester Polytechnic Institute
Worcester, Massachusetts

Date Posted Jul. 11, 2025

Application Deadline Open until filled
Position Start Date Available immediately

Job Categories Post-Doc

Academic Field(s) Mechanical Engineering
Material/Metallurgy

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Job Description

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JOB TITLE

Post-Doctoral Fellow

LOCATION

Worcester

DEPARTMENT NAME

Mechanical & Materials Engineering - NFR JM

DIVISION NAME

Post-Doctoral Fellow Worcester Polytechnic Institute

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Worcester Polytechnic Institute - WPI

JOB DESCRIPTION SUMMARY

The Materials Science and Engineering Program at Worcester Polytechnic Institute is looking for a senior postdoctoral fellow to work on the lithium ion battery recycling project developed in Prof. Yan Wang's lab at WPI. The postdoctoral fellow will be in charge of further developing the recycling process and synthesizing cathode materials from recycling streams. The project is involved in the close collaboration with electric vehicle companies, battery manufactures and recycling company.

JOB DESCRIPTION

Experience in cathode material synthesis is required.

Experience in Lithium ion batteries and electrochemistry is required.

Experience in characterization techniques such as SEM, TEM, XRD is also required.

Good oral and written communication skills.

Has the capability to supervise graduate students and undergraduate students

Has the capability to write proposals

Position requires a completed PhD degree in Materials Science and Engineering or related field.

Any questions regarding this position should be sent to Prof. Yan Wang yanwang@wpi.edu.

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 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->

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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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