

**Post-Doctoral Fellow  
Worcester Polytechnic Institute**

Direct Link: <https://www.AcademicKeys.com/r?job=255024>

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Posted Mar. 28, 2025, set to expire Jul. 3, 2025

**Job Title** Post-Doctoral Fellow  
**Department** Chemistry & Biochemistry NFR - JM  
**Institution** Worcester Polytechnic Institute  
Worcester, Massachusetts

**Date Posted** Mar. 28, 2025

**Application Deadline** Open until filled  
**Position Start Date** Available immediately

**Job Categories** Post-Doc

**Academic Field(s)** Materials Sciences/Polymer Sciences  
Chemistry - General

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**Job Description**

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**JOB TITLE**

Post-Doctoral Fellow

**LOCATION**

Worcester

**DEPARTMENT NAME**

Chemistry & Biochemistry NFR - JM

**DIVISION NAME**

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Worcester Polytechnic Institute - WPI

### **JOB DESCRIPTION SUMMARY**

Postdoctoral researcher with Profs. Burdette and Grimm on the synthesis and derivatization of metal organic frameworks for sorption of gas-phase guest molecules.

WPI is a diverse campus of learners 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**

Worcester Polytechnic Institute invites applications for postdoctoral research for a project between the research groups of Professors Shawn Burdette and Ron Grimm. The project involves material synthesis of metal organic frameworks for sorption of gas-phase guest molecules, as well as organic synthesis for effective capping, trapping, and controlled release of trapped guests. A one-year appointment starts in 2023 with the option for reappointment for a second year.

Applicants must have received a Ph.D. in chemistry prior to the appointment start date. The successful applicant will have a strong background in synthetic chemistry and exposure to materials synthesis and characterization. Interested parties should send a cover letter, undergrad and grad transcripts, curriculum vitae including the names of three references, a letter of recommendation from a current advisor, and a short statement of purpose. The statement of purpose should describe the applicant's interests and how their background and skills will facilitate project success. All applications and questions should be directed to Prof. Grimm ([grimm@wpi.edu](mailto:grimm@wpi.edu)).

WPI requires that all employees to be fully-vaccinated for COVID-19 and boosted. For additional information, please go to <https://www.wpi.edu/we-are-wpi/health-and-safety/vaccine-information>

### **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**

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**harassment and discrimination.**

**To apply, visit:** [https://wpi.wd5.myworkdayjobs.com/en-US/WPI\\_External\\_Career\\_Site/job/Worcester/Post-Doctoral-Fellow\\_R0002274](https://wpi.wd5.myworkdayjobs.com/en-US/WPI_External_Career_Site/job/Worcester/Post-Doctoral-Fellow_R0002274)

**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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