

**Post-Doctoral Fellow
Worcester Polytechnic Institute**

Direct Link: <https://www.AcademicKeys.com/r?job=250483>

Downloaded On: Dec. 18, 2024 1:59am

Posted Dec. 16, 2024, set to expire Apr. 12, 2025

Job Title	Post-Doctoral Fellow
Department	Business School
Institution	Worcester Polytechnic Institute Worcester, Massachusetts
Date Posted	Dec. 16, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Statistics & Actuarial Science Computer/Information Sciences
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JOB TITLE

Post-Doctoral Fellow

LOCATION

Worcester

DEPARTMENT NAME

Business School - NFR JM

DIVISION NAME

Post-Doctoral Fellow Worcester Polytechnic Institute

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Worcester Polytechnic Institute - WPI

JOB DESCRIPTION SUMMARY

We are seeking a highly motivated Post-Doctoral Fellow to join our NSF-funded project (award #2222713) at Worcester Polytechnic Institute (WPI). The successful candidate will work closely with the Principal Investigator (PI) and a multidisciplinary research team to conduct cutting-edge research, develop innovative solutions, and contribute to the advancement of knowledge in mathematical optimization, auction mechanisms, algorithm design, software development, and community impact. This position offers opportunities for professional growth in research, teaching, and leadership within a collaborative and dynamic environment.

JOB DESCRIPTION

Responsibilities:

Conduct interdisciplinary research in collaboration with the PI and research team.

Participate in research meetings and interactive sessions as part of a community-based participatory action research approach.

Design and execute experiments, analyze data, and prepare manuscripts for publication in peer-reviewed journals.

Lead the integration of quantitative and qualitative research into a functioning and usable technology.

Prepare and contribute to grant proposals, including identification of research questions, definition of objectives, and development of methodologies.

Present research findings at national conferences and workshops.

Co-mentor graduate and undergraduate students, providing guidance on research projects.

Teach one or more classes in subject areas relevant to the research.

Engage in professional development activities, including training on the Responsible Conduct of Research.

Requirements:

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Ph.D. in Engineering, Computer Science, Data Science, or a related discipline.

Demonstrated experience in interdisciplinary research.

Strong background in mathematical optimization, auction mechanisms, algorithm design, software development, and community impact.

Proficiency in experimental design, data analysis, and manuscript preparation.

Interest and ability to join in grant writing.

Excellent written and verbal communication skills.

Ability to work collaboratively in a team environment.

Experience with project management and software development is preferred.

This position may require occasional evening or weekend work to meet project deadlines.

Salary: \$70,000 annually

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_R0003027-1

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



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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

Worcester Polytechnic Institute

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