

Undergraduate Research Internship - Young Laboratory
(Two Openings)
Worcester Polytechnic Institute

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Posted Jul. 12, 2024, set to expire Nov. 7, 2024

Job Title Undergraduate Research Internship - Young Laboratory (Two Openings)

Department

Institution Worcester Polytechnic Institute
Worcester, Massachusetts

Date Posted Jul. 12, 2024

Application Deadline Open until filled

Position Start Date Available immediately

Job Categories Student Aide/Worker

Academic Field(s) Research/Technical/Laboratory

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Job Description

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JOB TITLE

Undergraduate Research Internship - Young Laboratory (Two Openings)

LOCATION

Worcester

DEPARTMENT NAME

Chemical Engineering - JM

DIVISION NAME

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Worcester Polytechnic Institute - WPI

JOB DESCRIPTION SUMMARY

The undergraduate research internship in the Young Laboratory in the summer of 2024 will involve training in several key methods in modern molecular biology, genetic engineering, and yeast cell culture. The goal of the project you will be working on is to genetically engineer a baker's yeast, *Saccharomyces cerevisiae*, to produce chemicals and proteins.

JOB DESCRIPTION

This entails training in skills useful to your future career such as:

- Bacterial cell growth
- Molecular cloning of DNA for integration into the yeast genome
- Yeast cell growth
- Polymerase Chain Reaction (PCR)
- Cutting edge engineering of materials biosynthesis with synthetic biology
- General laboratory skills such as sterile technique, pipetting, and biosafety

These skills will help the Young Laboratory achieve progress and train you in useful skills that you can translate into future experiences.

FLSA STATUS

United States of America (Non-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.

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To apply, visit: https://wpi.wd5.myworkdayjobs.com/en-US/WPI_External_Career_Site/job/Worcester/Undergraduate-Research-Internship---Young-Laboratory--Two-Openings-_R0002866

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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