



WPI



Worcester Polytechnic Institute Center for Industrial Mathematics and Statistics

Research Experience for Undergraduates (REU) in Industrial Mathematics and Statistics

May 27 - July 25, 2025

The REU Program is run under umbrella of WPI Center for Industrial Math and Statistics (CIMS). CIMS' mission is to build partnerships between WPI, industry, and the general mathematical community that benefit its students, its faculty, and its sponsors.

- REU students work in teams on real problems that come directly from business, industry, and financial sector.
- They work closely with a company representative to define the problem and to develop solutions of immediate value to the company.
- They are guided by a faculty advisor to maintain a clear focus on the mathematical issues at the core of the project.
- The Program is open for projects of interdisciplinary nature that relate to science, engineering, finances, etc. and require tools of applied math, statistics, data/computer sciences, etc.

This REU program aims to answer questions like:

- *What is the role of a mathematician in business and industry?*
- *What is it like to work with technical experts on a problem that requires significant mathematics but also must satisfy real-world constraints?*

Each participant will receive a \$6,300 stipend and housing for the duration of the program, along with support to defray the cost of travel to Worcester, MA.

For more info, visit: <https://labs.wpi.edu/cims/initiatives/reu/>

Apply online at Mathprograms.org

Review of the applications will start February 15, 2025, and continue until all positions are filled.



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