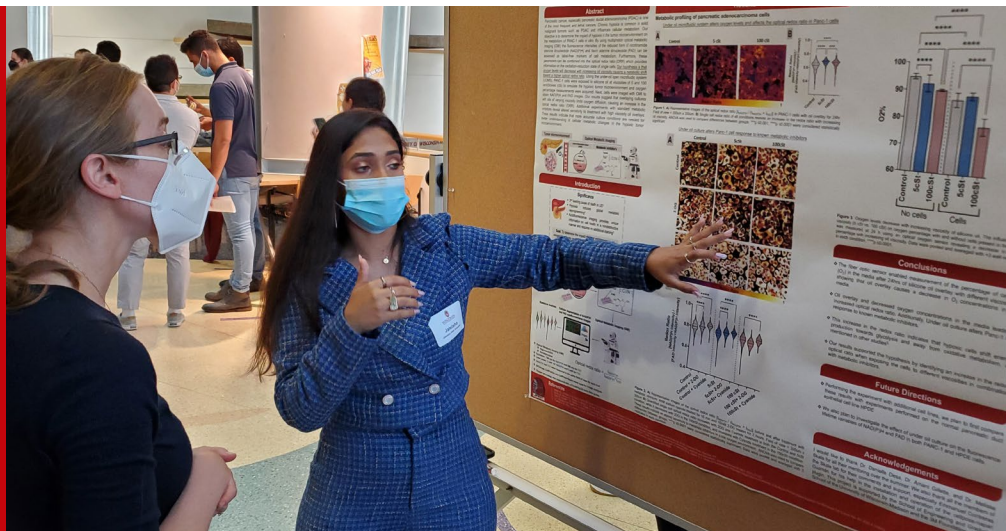


University of Wisconsin–Madison Summer Research 2023



Integrated Chemistry, Chemical Engineering, and Materials Research Experience for Undergraduates Program

The Integrated Research Experience for Undergraduates programs in Chemistry and Chemical and Biological Engineering, Chemistry of Materials for Renewable Energy, Materials, and Chemical Upcycling of Waste Plastics provide students interested in chemical-related sciences and engineering the opportunity to pursue summer research in four, themed summer programs. Together, participants in all four programs form a larger community of researchers. Summer REU students see the breadth and depth of the chemical sciences and engineering research conducted at UW–Madison.*

Program Descriptions

REU in Chemistry and Chemical and Biological Engineering: Students participating in this program explore phenomena in the fields of chemistry and chemical and biological engineering through hands-on research projects in the laboratories of faculty in the Department of Chemistry or Department of Chemical and Biological Engineering.

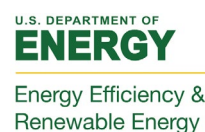
REU in Materials: Students participating in this program conduct research in an area of materials science, engineering, physics, chemistry, science education or public policy in one of the laboratories of the Wisconsin Materials Research Science and Engineering Center (MRSEC).

REU in the Chemistry of Materials for Renewable Energy: Students participating in this program conduct research on the development of new materials for renewable energy, including projects on bioenergy. Projects are housed in the Department of Chemistry and the Department of Chemical and Biological Engineering.

REU in Chemical Upcycling of Waste Plastics: Student positions for this program will be available at CUWP campuses at the University of Wisconsin–Madison, University of Massachusetts Amherst, and Iowa State University. Selected participants will conduct research on one of two approaches to recycling plastic waste: (1) thermal depolymerization and (2) solvent-targeted recovery and precipitation (STRAP) processing.



*The CUWP program also offers opportunities at additional participating universities.



Summer 2023 Program Details

- Dates: May 30 to August 4
- Stipend: \$6,000
- Apply online by Feb. 15

Eligibility

Eligible students are undergraduates majoring in mathematics, chemistry, physics, engineering, biotechnology-related areas, other physical sciences, science education, or public policy who have a strong desire to complete a Ph.D. and meet the following criteria:

- Students who have completed their sophomore or junior years of college.
- Students with an overall GPA of at least 3.0 on a 4.0 scale.
- Students who are U.S. citizens or permanent residents enrolled in accredited colleges or universities.

Highlights

- Multiple, faculty-led seminars each week on various topics
- Professional Development program
- An end-of-summer REU poster session in which students present their research results and conclusions
- Social activities with students from other REU programs
- Housing and travel to and from Madison are provided
- Students receive a stipend of \$6,000



Program Contact

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Phone: (608) 890-1534

Apply at the
UW–Madison Graduate School
Summer Research Opportunities Program:

<https://srop-uwmadison.smapply.io/>

Application Deadline:
February 15