



Research Experience for Undergraduates Program



iREU: Promoting Innovation and Entrepreneurship through Academic-Industrial Partnerships



Program Details

Dates: Tuesday, May 27, 2014 – Friday, August 1, 2014

Research Stipend: \$5,000

Location: University of Connecticut, Storrs Campus

Additional Expenses Covered: Housing, Travel, Food

Description

Our unique program offers participants a range of research topics that are in direct collaboration with an industrial partner. Referred to as the UConn iREU, program participants will be advised by both a faculty and an industrial partner, giving students a unique experience at the interface of academic research and commercialization. These projects will be across the spectrum of chemical engineering and materials science and each student will work in a world class academic research laboratory with state-of-the-art instrumentation. The participants will also participate in a business and entrepreneurship oriented short course that will help them learn the mechanics of business and better understand how academic research becomes a commercial reality.

REU participants will have the opportunity to directly interact with their industrial mentors while also experiencing the academic laboratory environment. They will attend workshops that will teach them presentation and writing skills. Tours will be given of local incubator spaces (showing companies at their beginning) and students will have an opportunity to participate in an Innovation Accelerator event (like the show Shark Tank) at a local private incubator. During the REU, students will participate in a business seminar short course, giving them a flavor of the business side of innovation. At the end of the REU, students will participate in a networking event called "Innovation Connection". The event regularly draws well over a hundred people from around the region. Participation will include a poster session and giving a "pitch" on your work to the regional business community.

An active social and recreational program will also be planned as part of the REU experience. Barbecues, trips to the on campus dairy shop, a trip to the UConn Avery Point campus with a side trip to Mystic, and a bowling night are part of the program. We may also take a trip to the Connecticut Science Center or a local minor league baseball game. Students will have opportunities to plan their own trips to local metropolitan New York and Boston (buses from UConn) and may also participate in other planned summer events at UConn for summer students. We will coordinate with other REU sites on campus to give participants the opportunity to meet students from other fields as well.

We offer the following topic areas for our program:

- Energy
- Environmental/Sustainable Technology
- Polymer science and engineering
- Process systems engineering
- Materials science
- Bioengineering/Biotechnology

To Apply

Please visit our website at:
<http://www.cbe.engr.uconn.edu/research-experience-for-undergraduate-students-reu>
and complete the online application. *Only US citizens and permanent residents are eligible to apply.*



Contact

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Complete applications including one letter of recommendation are due by **January 21, 2014**.

Applicants will be informed of decisions by the end of February.

