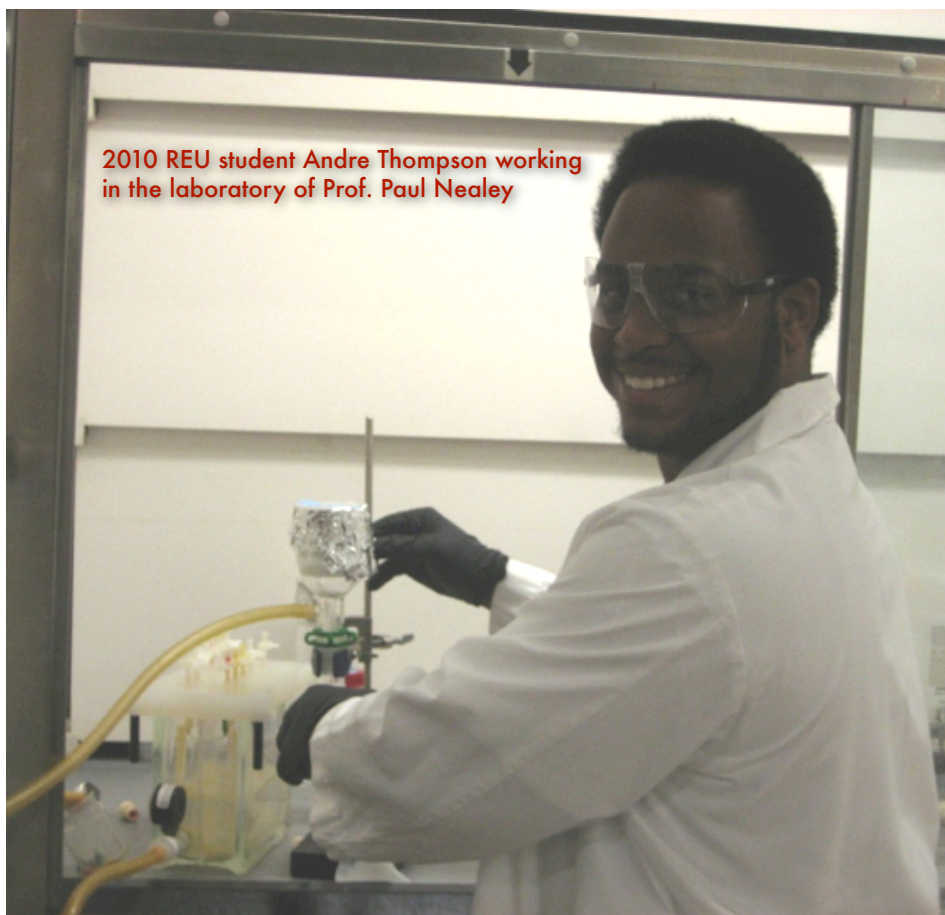


University of Wisconsin-Madison Summer Research

2011

DEPARTMENT OF
CHEMICAL AND
BIOLOGICAL
ENGINEERING



2010 REU student Andre Thompson working
in the laboratory of Prof. Paul Nealey

Integrated Chemistry, Chemical Engineering, and Materials Sciences Research Experience for Undergraduate Programs

The Integrated Chemistry, Chemical Engineering, and Material Science Research Experience for Undergraduates programs provide students interested in Chemical related sciences and engineering the opportunity to pursue summer in research in three themed summer programs. Together participants in all three programs will form a larger community of Chemical related researchers. Summer REU students will see the breadth and depth of the Chemical sciences and engineering research being conducted on the UW-Madison campus.

Program Descriptions

REU in Nanotechnology: Students participating in this program will conduct cutting edge nanotechnology research being in the laboratories of the UW-Madison Materials Research Science and Engineering Center and the UW-Madison Nanoscale Science and Engineering Center.

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



Program Details

Dates: May 31st - August 5th 2011

Stipend: \$5,000 plus \$450 food allowance, housing, and travel to and from Madison.

Program Highlights:

- 10 week research experience in the lab of a UW-Madison Faculty Member
- Weekly seminar series on current research topics
- Special seminars on applying and surviving in graduate school
- Professional development in science communication
- Social trip to Chicago with REU students from other schools

Program Eligibility: Undergraduate students 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 PhD and meet the following criteria:

Students who have completed their sophomore or junior year.

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 an accredited college or university.

Program Contact:

Dr. Andrew Greenberg

Director of the Integrated Chemistry,
Chemical and Biological, and
Materials Science Research for
Undergraduates Programs

2020 Engineering Hall

1415 Engineering Drive

Madison, WI 53706

Email: aegreenb@engr.wisc.edu

Phone: 608-890-1534

Application Information

Application Opens: November 15, 2010

Application Deadline: February 15, 2011

Application available online:

<https://www.gradsch.wisc.edu/srop/index.cgi>