



RESEARCH EXPERIENCE FOR UNDERGRADUATES (REU) ADVANCED POLYMER MATERIALS



Polymer science and engineering provides jobs and produces technologies that advance our quality of life. The Colorado School of Mines is offering a unique interdisciplinary research experience for undergraduates that will apply polymer science and polymer engineering practices to 21st century technologies.

In the REU, participants will....

- Produce an original research project with one or multiple faculty members in either chemistry or chemical engineering;
- Participate in a mentored exchange program to experience a broad range of polymer research;
- Participate in a series of technical workshops providing a broad introduction to polymer science and engineering;
- Participate in a complimentary set of workshops on developing as a professional scientist or engineer;
- Tour the National Renewable Energy Laboratory to learn how government labs fill a role of bringing basic research to applied research;
- Enjoy organized social events with other REU students, graduate students, and faculty in the beautiful Rocky Mountain region of Colorado.



Research projects will focus the application of polymers to hot topics such as **fuel cells, photovoltaics, batteries, optoelectronics, nanomedicines, and membranes.**

May 28, 2012 - August 3, 2012



Participants Receive -

- Stipend of \$5,000
- Paid on-campus housing
- Meals allowance
- Travel allowance
- Hands-on research experience



To be eligible, students must be U.S. citizens or permanent residents and must be enrolled in an undergraduate program at a college or university through Fall 2012 (sorry, graduating seniors cannot be accepted). Applications are being accepted for Summer 2012. Application deadline is March 1, 2012.

For program and application information contact Prof. Matthew Liberatore (303) 273 3531 or Prof. Stephen Boyes (303) 273 3633 or e-mail: polymerreu@mines.edu
Apply online at polymerreu.mines.edu



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