EXAMPLE SCHEDULE

Week 1
Monday:
Orientation 8:00am-4:00pm
Tuesday:
Lecture: Polymer Synthesis 9:00am-11:00am
Wednesday:
Lecture: Polymer Physics 9:00am-11:00am
Lecture: Ethics I 15:00pm-7:00pm
Thursday:
Lecture: Polymer Engineering 9:00am-11:00am
Friday:
Lecture: Biomaterials 9:00am-11:00am
Lunch 12:00pm-1:30pm

Week 6
Monday:
Faculty Research Seminar 9:00am-11:00am
Thursday:
Meeting: How to prepare a technical presentation 12:00pm-1:30pm
Friday:
Visit: NASA Glenn Research Center

Week 11
Monday:
Faculty Research Seminar 9:00am-11:00am
Thursday:
Northeast Ohio Undergraduate Research Conference
Friday:
Panel Discussion: Government Careers 9:00am-11:00am
Lunch 12:00pm-1:30pm
Discussion about exit requirements 1:30pm-3:00pm

HOW TO APPLY

Application instructions can be found at http://www2.uakron.edu/cpspe/DPS/reu.php.

Send questions and/or applications to Kelli Fetter (330-972-7667, polymerreu@zips.uakron.edu):

Kelli Fetter
College of Polymer Science and Polymer Engineering
REU Coordinator
The University of Akron
Akron, OH 44325-3909
Attn: REU Summer Internships

Please submit application materials by March 1, 2011.
ABOUT THE PROGRAM

The College of Polymer Science and Polymer Engineering offers a competitive summer research experience for undergraduate (REU) students. Students will participate in a 12-week summer internship to investigate a fundamental question within the broad disciplines of polymer science and polymer engineering including chemistry, physics, characterization, and biomaterials.

Each week, all interns will participate in research activities, a career development activity, discussions outlining their research progress, and a visit to a regional company or national laboratory. The summer will culminate with an oral or poster presentation of each intern’s research results at the Northeast Ohio NSF-REU Undergraduate Research Conference.

ABOUT THE COLLEGE

The College of Polymer Science and Polymer Engineering is located in the Good-year Polymer Center and the Polymer Engineering Academic Center. The college has 86 research laboratories with state-of-the-art research instrumentation in NMR spectroscopy, chromatography, thermal analysis, rheooptics, x-ray diffraction, electron microscopy, computational science and molecular biology.

RESEARCH TEAMS

The research team will consist of graduate students, interns, post-doctoral research associates and faculty members from the College of Polymer Science and Polymer Engineering (CPSPE) with specific research interests that align with their role in the four cluster areas (R1) Chemistry, (R2) Physics, (R3) Engineering and (R4) Biomaterials.

Additional research projects may be available depending on the level of funding

Stipends for Summer 2011 (12 weeks) are $7,000. The internships are sponsored by the National Science Foundation, the University of Akron and the Goodyear Tire & Rubber Company.

Dates for the internship Program are May 16, 2011-August 5, 2011, unless arranged otherwise.