Student Research Opportunities

The University of Scranton offers a number of opportunities for students to participate in research projects to enhance their academics and possible venues in which to present research results. These opportunities include the Faculty/Student Research Program (FSRP); the President’s Fellowship for Summer Research; research oriented courses; and the Honors Program. Students have the opportunity every year to present research outcomes at our Annual Celebration of Student Scholars, the National Conference on Undergraduate Research (NCUR), and also by traveling to professional conferences with faculty mentors.

Further details on these activities are available at: http://www.scranton.edu/academics/provost/research/student-research.shtml

Student Research Highlights—2012

### President's Fellowship for Student Research:

This past summer's awardees, their projects and faculty mentors were:

- **Brian Entler** - Morphine Addiction in Ants: Visualizing a neurochemical pathway of drug reward – Biology/Neuroscience; Faculty: Marc Seid
- **Erich Junge** - The Effect of Group Size on Neural Circuitry in the Ant Species Biology/Neuroscience; Faculty: Marc Seid
- **Timothy McCormick** - Spatial Practices in Women’s Letters from the Rio de la Plata during the 16th and 17th Centuries, World Languages and Cultures; Faculty: Yamile Silva
- **Corinne Nulton** - 13 Symptoms: An Original Play Exploring the Reoccurrences of Evil in Human Nature, English and Theatre; Faculty: Hank Willenbrink
- **Rachel Salmon** - Can Mass Loss be Responsible for the Creation of Hot Jupiters in Non-Circular Orbits?, Physics and Electrical Engineering; Faculty: Jeremy Sepinsky
- **Jonathan Schall** - Effects of Retinal Epithelium on Fatty Acid Protection against Retinal Degeneration, Biology; Faculty: George Gomez
- **Cory Templeton & Paul Gillespie** - Binding of Organic Arsenicals to Protein Sulfur: Implications for Redox Biology and Chemical Strategies for Targeting Cancer Cells, Chemistry; Faculty: Tim Foley
- **Jan Wessel** - China’s Automobile Industry: Sustainability and End of Life Vehicles, Economics/Finance; Faculty: Susan Trussler

### External Conferences

Some of the professional conferences attended by our students and their faculty mentors last year included:

- Sigma Tau Delta
- OPAM (Object Perception, Attention & Memory) 19th Annual Conference
- Eastern Psychological Assn.
- Sixth Undergraduate Conference in Medieval & Early Modern Studies — Moravian College
- PA Occupational Therapy Assn.
- PA Rehabilitation Assn.
- PA School Counselors Assn.
- Pittcon 2012
- American Astronomical Society
- American Chemical Society
- American Political Science Assn. - 3rd Paris Int'l Conference on Education, Economy and Society

### Important Dates

**2013**

- **FSRP:**
  - Spring registration: February 11, 2013
  - Summer registration: May 30; II: July 9
  - Fall semester registration: September 9, 2013

**2013 Celebration of Student Scholars:**

May 7, 2013

Abstract Submission deadline: April 19, 2013

This day-long celebration features both undergraduate and graduate student research and scholarly endeavors by showcasing their work through either a physical display of posters or oral presentations. All disciplines are included.

An addition to the program this year will be a Diversity Research Consortium hosted by the Office of Multicultural Affairs. This component offers an opportunity to showcase scholarly work focused on issues of multiculturalism and diversity including (but not limited to) race, gender, and socioeconomic status from a domestic or international lens.

For General Program information, please contact: Eloise Libassi eloise.libassi@scranton.edu or Diversity Research questions: Dr. Paul Porter paul.porter@scranton.edu