Research Opportunity in SESS

The Earth Sciences Research Experiences Award Program (REAP) at Kean University

The Earth Sciences Research Award Program (REAP) was developed at Kean University to provide lab, field, computational, and virtual research experiences in the Earth Sciences for undergraduate majors during the summer. Students applying to REAP have the opportunity to work side-by-side with faculty from the School of Environmental and Sustainability Sciences (SESS) on earth science based projects that incorporate the core science disciplines in an applied and interdisciplinary manner. This includes special consideration of activities that involve geology, meteorology, environmental biology, environmental science, and sustainability science.

To be eligible, students must have completed a minimum of 45 credit hours and be in their sophomore year at Kean University, achieved a minimum overall GPA of 3.2, and have expressed an interest in pursuing research with some evidence of research-based activities. Applicants will submit a copy of their transcripts and a two page essay that indicates why they are pursuing their degree with regard to societal interactions with the environment and according to sustainability precepts. The essay should include one specific example topic and plan for possible research study and should reflect upon any research work they have already accomplished. Deadline for materials is December 15, 2013 and recipients will be notified by March 31, 2014.

A total of 5 awards are anticipated of $3,000 and will be provided after the completion of summer research work during June and July at Kean University (or its facilities or associated; e.g., Highlands, others). Recipients will be expected to continue their project during the ensuing academic year and participate in SESS activities (e.g., open house, tutoring, and summer camp outreach programs). Recipients will be encouraged to work with the KU-Environmentors and other programs and outreach activities to assist in their professional development. All awardees are required to present their work at Kean University "Research Day" and are expected to apply for travel support to present at regional or national conferences.