FALL 2011 CALL FOR PROPOSAL

INTERDISCIPLINARY UNDERGRADUATE RESEARCH OPPORTUNITY (ID-UROP) AWARDS

ID-UROP Awards:
The College of Engineering is seeking proposals from qualified undergraduate students for interdisciplinary research. A team involving at least two students from two different disciplines is required; one of these disciplines must be engineering. Awards for the fall 2011 competition will have a maximum budget of $2,000. These awards are intended to support interdisciplinary projects designed and undertaken by undergraduate students. Thus, it is expected that each proposal be written by the students and must be supported by a letter of endorsement from the faculty sponsor. Because of the interdisciplinary nature of this program, two faculty members from different disciplines could co-sponsor a project, requiring a separate letter of endorsement from each sponsor.

Background:
The College of Engineering is committed to enhancing undergraduate programs through excellence in experiential learning and nurturing innovation. Interdisciplinary research projects provide an excellent forum for experiential learning. Early engagement in research is important to enhancing critical thinking skills and problem solving capabilities. Real world problems are complex and often interdisciplinary in nature. The ID-UROP program will help develop these necessary skills in undergraduate students. The ID-UROP projects can be of great benefit to capable students who seek direct involvement as undergraduates in serious and substantial research projects. It is expected that involvement in an undergraduate research program will motivate outstanding students to continue research in graduate programs. The ID-UROP program is expected to be of benefit to faculty in establishing and sustaining interdisciplinary research programs.

Application Materials:
Each application package should include the following: (1) Completed cover page; (2) Project description; (3) Project budget; (4) Faculty endorsement(s); (5) Current transcript of each participating student; (6) Resume of each participating student. Application can be downloaded at: www.ou.edu/coe/idurop

Deadlines:
Submit the complete application package to: Karen Horne, Carson Engineering Center, Rm. 107, University of Oklahoma, Norman, Oklahoma 73019, by November 16, 2011, 5:00 p.m.
Duration and Deliverables:
Projects of up to one year may be proposed under this program. Deliverables include a one-page progress report, due half-way through the project, and a final report, preferably in the form of archival publication. Both the progress report and the final report should be submitted to Karen Horne, Carson Engineering Center, Rm. 107, University of Oklahoma, Norman, Oklahoma 73019, within 30 days of completion. One electronic (MS Word) and one hard copy are required. In addition to written reports, students are encouraged to attend regional/national meetings/conferences and present their findings.

Additional Information:
For additional information, please contact: Musharraf Zaman, Associate Dean for Research and Graduate Programs, College of Engineering (Zaman@ou.edu or 325-2626) or Karen Horne, Assistant to the Associate Dean (khorne@ou.edu or 325-4536).