

Engineering Undergraduate Research Program (EURP)

The Engineering Undergraduate Research Program (EURP) is designed to fund research opportunities for undergraduate professional-program students. The purpose of this program is to:

- recognize the best prospects for research students
- ensure that the best students pursue graduate study, and
- enhance undergraduate education by increasing the number of undergraduate researchers in the College.

The major features of the program are:

- The program will pay undergraduates a minimum of \$1500/semester and each student will be expected to work 10 hours per week.
- The students will apply in the Fall semester and can receive funding for 3 semesters for a total of \$4500 from the EURP.
- Students may also use part of their total \$4500 during the intervening summer.
- The source of these funds will be \$1500 from the Dean, and \$3000 from the department and faculty advisor (ideally \$1500 each). These funds are for student wages only.
- Renewal each semester is contingent on approval from the advisor and an endorsement by the department head.
- Up to twelve students per year will be funded.
- We will solicit 20 applications. To ensure that all COE students have equal opportunity in this program, the number of applications for each department will be weighted by undergrad enrollment, and updated every year. For 2011 – 2012, applications will be: BE = 2, CEE = 4, CS = 3, ECE = 3, ETE = 2, MAE = 6. However, during the selection process, there will be no limit or quota on recipients from each department. Awards to CS students are contingent on approval of the merger of Computer Science into the College of Engineering.
- Each department will nominate students for the program according to their own procedures. Applications are due to the Department Representative by November 18, 2011. Applications from each department are due to the EURP selection committee by November 28, 2011.
- To apply, students must be in the professional program and be graduating no sooner than Summer 2012. Concurrent enrollment students are eligible, as long as they will be more than 21 credits from graduation by Summer 2012.
- Students should have a minimum GPA of 3.4 (subject to department discretion) which will demonstrate the excellence of the applicant pool, but GPA alone will not be the part of the final decision making process.
- Applications will consist of a 2-page research plan endorsed by the faculty member supervising the research and department head. The letter must state the account number(s) from which the \$3000 match will come.
- At the end of each semester, students must provide a short summary and photo(s) of their work for the College Undergraduate Research webpage:

<http://www.engineering.usu.edu/html/research/undergraduateresearch>

- By the end of their time in the program, each student is required to present their results at an appropriate professional venue (technical meeting, peer-reviewed publication, USU Undergraduate Research Showcase, Utah Conference on Undergraduate Research, Research on the Hill, etc.). Students will also apply for the “Undergraduate Research Scholar” designation on their transcript.
- Research mentor faculty are responsible for providing evidence of outcomes from this program (copy of poster, paper, whether the student continued to graduate school, etc) to their department representative on the EURP committee. Future applications to the EURP from students mentored by a particular faculty member will be evaluated based on previous EURP outcomes from that faculty member.
- Students will be chosen by a committee made up of representatives from each department. For 2011-2012, this committee is:
 - BE: David Britt <david.britt@usu.edu>
 - CEE: Laurie McNeill <Laurie.McNeill@usu.edu>
 - CS: Renee Bryce <renee.bryce@usu.edu>
 - ECE: Chris Winstead <chris.winstead@usu.edu>
 - ETE: Oenardi Lawanto <olawanto@usu.edu>
 - MAE: Barton Smith <barton.smith@usu.edu>