



Texas A&M University

Research Experience For Undergraduates (REU)

Electrical & Computer Engineering Applications to Homeland Security



Program Guidelines

Funding

1. Each grant (stipend) will be \$4,000 and will be for support of the student for ten weeks. The program will also: 1) pay tuition and fees for one credit hour of required independent study/research course (for on-campus housing requirements), 2) provide and pay for housing in campus facilities, and 3) pay partial reimbursement for travel expenses.
2. Arrangements for equipment, supplies, and other miscellaneous items must be coordinated with the Faculty Advisor, with whom the student will work.

Application Requirements

1. Each student applicant will submit a completed application, one faculty recommendation letter and a current official transcript. Be sure to include a description of special research area(s) of interest within your field. This description will aid in pairing applicant with a faculty mentor. It is not the intent of this activity to stimulate "student generated" research ideas; rather, the purpose is to seek contributions to ongoing faculty research areas.
2. Each application will be reviewed upon receipt. Announcements of acceptance will be made no later than by **March 29, 2010**.
3. Review of the applications will be performed by ECE REU faculty mentors.

Student Requirements

1. Students selected for grant support may not be enrolled in additional courses, other than the required independent study/research course, during either summer school session.
2. Research hours to be worked are determined by individual faculty members (40 hours / week).
3. Each student will be required to give two brief presentations on his/her respective project during the course of the ten-week grant period.
4. Each student will be required to prepare an abstract and poster presentation describing the results of his/her research.
5. Applicants must be U.S. citizens or permanent residents.

Purpose

The purpose of this program is to involve in a summer research program outstanding students who have completed their sophomore year and are interested in pursuing graduate studies. It is hoped that these students will make a contribution to ongoing faculty research and, more importantly, will gain an appreciation for and an interest in a research career.

The success of this program will be measured in two ways:

- (a) the proportion of participants who apply for and enter graduate programs; and
- (b) the proportion of those students supported for research activities during the year(s) following their participation in the summer research program.

To apply for this program, please

COMPLETE THE APPLICATION BELOW, SIGN IT, AND RETURN IT ALONG WITH ONE FACULTY RECOMMENDATION LETTER AND A CURRENT OFFICIAL TRANSCRIPT TO THE FOLLOWING ADDRESS, EMAIL, OR FAX NUMBER BY 5:00 PM, February 19, 2010

Address:

Dr. Karen Butler-Purry
Electrical & Computer Engineering Department
Texas A&M University
3128 TAMUS
323E Wisenbaker Engineering Research Center
College Station, TX 77843-3128

Phone: (979) 847-9048

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E-mail: klbutler@ece.tamu.edu

Visit our website: <http://www.ece.tamu.edu/~reu>

RESEARCH EXPERIENCE FOR UNDERGRADUATES
Electrical & Computer Engineering Applications to Homeland Security

SUMMER 2010

Last Name **First Name** **Middle Initial**

Email Address **Current Major**

U.S. Citizen? Yes No (if No, what country of origin? _____)

Permanent Resident? Yes No

Gender: Male Female

Ethnicity: Anglo Am. Hispanic Am. African Am. Asian Am. Other _____

School Address

Permanent Address

City, State Zip

City, State Zip

(_____) _____
Phone

(_____) _____
Phone

Name of your current school: _____

Expected Graduation Date: Spring Summer Fall **Year:** _____

Cumulative GPA: _____ **Number of Hours Completed:** _____

Major GPA: _____

Have you participated in a research program before? If so where?

Upon graduation, are you planning to attend graduate school?

Upon graduation, are you planning to enter the workforce?

List some special research areas of interest within your field:

Student Signature

Date

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216G Zachry Engineering Center
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