



UC Davis Global Research Experience in Advanced Technologies (GREAT) SUMMER RESEARCH PROGRAM 2011 July 5-August 30

The UC Davis GREAT Summer Research Program offers the best undergraduate students from the leading universities in Asia the opportunity to gain valuable research experience in science and engineering at the University of California, Davis. Students live in the city of Davis for approximately 9 weeks during the summer.

Program Benefits

Students will obtain the following benefits from the UC Davis GREAT Summer Research Program:

- Gain introductory research experience in state-of-the-art laboratories under the mentorship of leading faculty members at the University of California, Davis, such as learning about planning and managing experiments, conducting independent experiments, analyzing data, and summarizing research results.
- Participate in summer academic course on graduate education and research, graduate application procedure, laboratory safety, professional writing, presentation skills, and ethical issues.
- Receive official UC Davis Academic Credits and Transcripts and UC Davis University Certificate of Completion in the GREAT Summer Research Program.
- Develop a competitive edge in application for Master's and Ph.D. programs in UC Davis by developing relationships with faculty mentors, post-doctoral researchers, and graduate students.
- Participate in a capstone UC Davis Interdisciplinary Research Symposium with scholars and students engaged in multidisciplinary research collaborations.
- Learn about the diverse cultural and ethnic backgrounds of researchers at UC Davis.

Key Program Dates

Date/Time (to be confirmed)	Description
Week 1: Tues, July 5	Program Start: Move-In Day
Week 1: Wed, July 6	GREAT Program Orientation
Week 2: Mon, July 11	Professional Research Development Course Begins
Week 8: Mon Aug. 22- Fri. Aug. 26	Peer Seminars: Oral Presentations of Research
Week 9: Mon, Aug 29	Closing Dinner and Ceremony
Week 9: Tues, Aug 30	Program End: Move-Out Day

Areas of Research

Students will be matched with Professors in the many academic departments in engineering. In addition, faculty in chemistry and the medical, biological & environmental sciences will participate in the program.



Program Costs*

The estimated total program expense of US \$9,150 will be shared by UC Davis, the partner university, and the student's family.

<u>Description</u>	<u>Estimated Cost</u>
GREAT Program Fee	\$3,100 (UC Davis GREAT Program Fellowship)
Training & Research Expenses	\$1,200
Housing & Meals	\$1,900
Airfare	\$1,000
Course Registration Fees	\$600
Health Insurance	\$300
Visa Fees	\$650
Personal Expenses	\$400
TOTAL	\$9,150

Each student will receive a UC Davis GREAT Program fellowship covering the program fee, which includes tuition, faculty mentorship, laboratory research expenses, airport transportation, and library privileges. The training/research expenses, course registration fees, living, airfare, visa, and insurance expenses will be shared by the partner university and the student's family.

*Fees are subject to change with advance notice.

Student Selection

Your university will select a limited number of applicants for the GREAT Program. **Please inquire with your university as soon as possible for application instructions.** Your selection will be based on the following admission criteria:

- Strong interest in a UC Davis Ph.D. career
- Excellent academic credentials (a minimum B grade point average or the equivalent of a 3.5 on a 4.0 scale) and demonstrated interest in the relevant research fields
- High ranking and recommendation from the home university
- Strong communication skills
- English proficiency with minimum TOEFL scores of 530 PBT/71 IBT/197 CBT, 6.5 IELTS, or CET-6 (or the equivalent)
- For Chinese students, willingness to accept the China Scholarship Council (CSC) fellowship for graduate school (<http://www.csc.edu.cn>).

Housing & Meal Plan

Shared housing plays a key role in creating a community of GREAT Program researchers and promoting interdisciplinary interaction among the students. We have secured an apartment for you in the City of Davis in Cranbrook Apartments. Each apartment will be furnished with basic furniture. The apartments are also equipped with wireless internet access and feature a common swimming pool and gym. A basic meal plan will also be provided.

Enrollment

The GREAT Program will enroll each student in 5 units of 199 independent study in the GREAT Research Professional Development Course. Course grades will be based upon research performance, program attendance and personal conduct.

Apply at Your University by March 15, 2011