

UNDERGRADUATE PIRE PROGRAM DOWN UNDER for Water Sustainability

UPP Down Under for Water Sustainability!

The Department of Civil and Environmental Engineering at UC Irvine is pleased to announce an exceptional opportunity for students interested in pursuing an advanced degree in environmental engineering. A select number of undergraduate students will participate in a six week research experience in July/August 2013, including a fully funded two week trip to Australia, to learn about water challenges facing Australia and the actions that are being taken relative to research, policy, and infrastructure engineering. The program is open to UCI, UCSD and UCLA undergraduate students who are U.S. citizens, and would be qualified for the Environmental Engineering graduate program upon completion of their undergraduate degree. This includes, but is not limited to, Civil and Environmental Engineering students, as the Environmental Engineering graduate program typically attracts students from several fields of engineering and natural sciences. The ultimate goal of the program is to encourage more UC undergraduate students to pursue doctoral studies focused on a pressing water challenge facing society.

Please submit your completed application and requested documents (personal statement, transcripts, letter of recommendation, see below) by email at the following address: water-pire@uci.edu

The Application Deadline is Friday, May 10th at 5:00pm

PROJECT DESCRIPTION

Environmental engineers with advanced degrees are needed to tackle the major resource and environmental management challenges facing society. Doctoral degree training is increasingly important because of the complexity of environmental problems including aspects of hydrology, biology, chemistry, ecology, infrastructure, energy, policy, planning, law and management. Moreover, doctoral degree training is needed to prepare the next generation of researchers to address forthcoming challenges related to climate change, urbanization, infrastructure, and resource management.

The Department of Civil and Environmental Engineering at UC Irvine is pleased to announce an exceptional opportunity for students interested in pursuing an advanced degree in environmental engineering. A select number of students will participate in a six week research experience in July/August 2013, including a fully funded two week trip to Australia, to learn about water challenges facing Australia and the actions that are being taken relative to research, policy, and infrastructure engineering. This undergraduate opportunity is part of a larger \$4.8 million grant from the National Science Foundation to support collaborative research and education between UCI, UCSD, UCLA and our Australian partners at the University of Melbourne and Monash

ACADEMIC ACHIEVEMENTS, SCHOLARSHIPS, HONORS AND AWARDS

Name	Date	Description

CURRENT OR PAST EMPLOYMENT

Position	Dates	Hours per Week

PERSONAL STATEMENT

Please submit a brief statement (800 words or less) that explains how the study-abroad experience is expected to better prepare you for entry into a PhD program.

LETTER OF RECOMMENDATION

Please provide one letter of recommendation with your application. The letter should address your academic accomplishments, leadership abilities, and any traits or personal attributes relevant to this opportunity. The letter should be written by a current or former professor (preferably one who teaches in a Science, Technology, Engineering, Mathematics (STEM) subject area).

TRANSCRIPTS

Please include a current copy of your college transcript with the application.