



UNIVERSITY OF CALIFORNIA, BERKELEY

Civil and Environmental Engineering Undergraduate Research Opportunity Program (UROP)

Sponsorship funds not used directly for the banquet are put to valuable use supporting the CEE Department Undergraduate Research Opportunity Program (UROP). UROP is a highly selective program that targets the top 20 to 25 high school students admitted to CEE every year and offers each of them a guaranteed faculty-mentored research experience, along with research-focused seminars and a \$4000 stipend distributed over three years. The program is intended to increase the percentage of the best students that are accepted into CEE to actually enroll in the program, a key to maintaining our ranking as the #1 CEE program in the nation. Through the generosity of the Academy membership and the Academy banquet sponsors, the Academy donated **\$25,000 each year** to support the first two UROP cohorts in 2013 and 2014. We hope to do the same in 2015. In the past two years, 50% of the sponsorship money raised went to the UROP. **This is a great cause.** The recipients for each year are listed below:

CLASS OF FALL 2013 WITH RESEARCH PROJECTS AND FACULTY SPONSORS

Anthony Privitera – Car Sharing (Susan Shaheen)

Alyssa Yu – Dealing with Spatial Heterogeneity in Groundwater Modeling: An Application in Bayesian Inverse Modeling (Yoram Rubin)

Judy Guo – Performance Characterization for Beams with High Strength Reinforcement (Jack Moehle)

Suraj Patel – Using Molecular Dynamics to Design Carbon Nanotube and Graphene Membrane Filter for Water Desalination and Waste Water Cleaning (Shaofan Li)

Wes Adrianson – Wireless Sensors in the Sierra (Steve Glaser)

Brandon Wong – Lithium Ion Batteries for Electric Vehicles (Scott Moura)

CLASS OF FALL 2014 (RESEARCH PROJECTS TO BE DETERMINED)

Matthew Choi
Cristian Gustafson-Mendez
Frank He
Kylan Kato

Steve Lee
Monica Liu
Ellen Peng
Daniel Ra

CLASS OF FALL 2015 (RESEARCH PROJECTS TO BE DETERMINED)

Bradi Blair
Cristan Banuelos
Alexander Danto
Rafael Gonzalez
Mark Jaffee
Ashley Lassetter
Kristen Laurent
Daryn Lee

Danny Leyva
Pachoua Lor
Arisa Nguyen
Pallevi Panyam
Stephen Shelnut
Christina Tasai
Yejin You
Austin Saelke