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          Steve Lee
Cristian Gustafson-Mendez          Monica Liu
Frank He          Ellen Peng
Kylan Kato

CLASS OF FALL 2015 (RESEARCH PROJECTS TO BE DETERMINED)

Bradi Blair          Danny Leyva
Cristan Banuelos          Pachoua Lor
Alexander Danto          Arisa Nguyen
Rafael Gonzalez          Pallevi Panyam
Mark Jaffee          Stephen Shelnutt
Ashley Lassetter          Christina Tasai
Kristen Laurent          Yejin You
Daryn Lee          Austin Saelke