Civil and Environmental Engineering
Academy of Distinguished Alumni

Undergraduate Research Opportunity Program (UROP)

Academy of Distinguished Alumni Sponsorship funds 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 undergraduate research experience, along with research-focused seminars and a $4,000 stipend. The program is intended to help bring these outstanding students to campus for both their benefit and the department’s, with the long-term goal of producing outstanding graduates whose contributions improve our world.

Through the generosity of the Academy of Distinguished Alumni sponsors, the Academy donated $25,000 each year to support the first UROP cohorts in 2013, 2014 and 2015. In 2016, the Academy raised a record-breaking $65,000 in UROP support. Well more than 50% of the sponsorship money raised in 2016 went to UROP. This is a great cause. We hope to have another strong year in 2017.

The recipients for each year are listed below:

CLASS OF FALL 2013 WITH RESEARCH PROJECTS AND FACULTY SPONSORS:

Anthony Privitera – Car Sharing and Its Impacts on Travel Behavior (Susan Shaheen)
Brandon Wong – Numerical Damage Modeling of Structures Under Earthquake Loading (Filip Filippou)
Alyssa Yu – Investigation of Changes in Anammox in the Presence of Different Support Media and Their Isolation Using Ichip (Yoram Rubin)

CLASS OF FALL 2014 WITH RESEARCH PROJECTS AND FACULTY SPONSORS:

Matthew Choi – Mechanical Properties of Stuvite-K: An Experimental Study (Paulo Monteiro)
Judy Guo – Predicting the Future: Earthquake Engineering and Structural Analysis Through MATLAB (Filip Filippou)
Frank He – Mapping and Analysis of Fire Severity and Its Effect on the Modeled Vegetation Regrowth in the Sierra Nevada (Sally Thompson)
Dylan Kato – Wetland Surface Elevation Response to Tidal Cycles (Evan Variano)
Monica Liu – Predicting the Future: Earthquake Engineering and Structural Analysis Through MATLAB (Filip Filippou)
Suraj Patel – Rotating Carbon Nanotubes Membrane for Water Desalination Content (Shaofan Li)
Andrew Veenstra – Recession Analyzer: A Web Application for Methodological Analysis of Power Law Recessions (Sally Thompson)

CLASS OF FALL 2015 (Research Titles TBA):

Cristian Banuelos
Tamika Bassman
Alexander Ryan Danto
Andres (Cristian) Gustafson-Mendez
Mark Jaffee
Devansh Jalota
Daryn Lee
Danny Leyva
Alison Matthews
Arisa Nguyen
Pallevi Panyam
Stephen Shelnutt
Yejin (Emily) You

(OVER)
CLASS OF FALL 2016 (Research Titles TBA):
Talia Rae Arauzo
Gilbert Bahait
Mira Neva Chaplin
Dennis Chiu
Joann Chung
Nicholas Kipchumba Koech
Erin Saiki
Sage Sanam Shamsai
Ella Wang
Mike Wehrmeyer
Tianyao (Samantha) Yang
Annie Zheng

CLASS OF FALL 2017 (TBA)