

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:**

**Wes Adrianson** – Comparing Modeling Methods for Surface Water Elevation (SWE) Calculation in the American River Hydrological Observatory Wireless Snowpack Modeling (Steve Glaser)

**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 Shelnett**

**Yejin (Emily) You**

**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)**