

CCEE MONTHLY

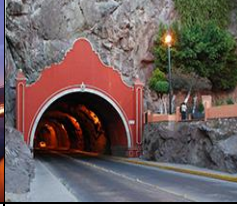
The Department of Civil, Construction, & Environmental Engineering



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Structural



Geotechnical



Water



Transportation



Environmental



Construction

Grants of the Month



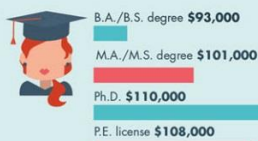
Dr. Alicia Kinoshita received a COAST Rapid Response Award for "Post-wildfire vegetation

recovery and sediment change of a coastal California watershed" for \$7,500. These funds will support SDSU students to collect and analyze Light detection and ranging (LiDAR) terrestrial laser scanning (TLS) this fall in the Santa Monica Mountains. The TLS information will enhance our ability to document vegetation re-growth after wildfire, which stabilizes sediment on hillslopes and supplies sediment to stream channels, and facilitate initial coupling of vegetation and sediment interactions.

Professor Thomas A. Zink was also awarded a grant this month in the amount of \$30,000 from the DOD Army Corps of Engineers for his "Reagentless Environmental Water Hazard Sensor Research."

ASCE News: Salary Survey Results

EDUCATION PAYS
Median Salaries for Those With



Source: ASCE 2017 Salary Survey

A recently published article for ASCE News states that base salaries for Civil Engineers has risen between 4 and 5% each year since 2014! And not only do they receive great salaries, but they are also receiving comprehensive benefit packages. Want to know more? Visit the site at: http://news.asce.org/asce-salary-survey-results-reveal-a-civil-engineering-industry-in-demand/#.Wb_584cmOU.twitter

Welcome back to School!



Thanks Dr. Alicia Kinoshita!

2016-2017 Grant Awards

We thought it might be nice to recap some of the grant awards of the calendar year. We are very proud of all our researchers and faculty who work tirelessly to provide enriching education for our students. Here are the highlights:

Dr. Sahar Ghanipoor-Machiani: Total: \$233,751

Virginia Polytechnic Institute and State University
Dr. Alicia Kinoshita: Total: \$120,000 National Aeronautics and Space Administration

Dr. Alicia Kinoshita & Mr. Thomas A. Zink: Total: \$74,637 U.S. Department of Defense Army Corps of Engineers

Mr. Thomas A. Zink: Total: \$1,358,940 ACS Habitat Management; U.S. Department of Defense Army Corps of Engineers; & U.S. Department of Defense U.S. Navy

MARC Scholars



Congratulations to the newest MARC (Maximizing Access to Research Careers) scholar: **Anita Sanchez!** Also pictured, additional MARC scholars, **Lorelay Mendoza** and **Daniel Delgado.** **Dr. Natalie Mladenov** and **Dr. Temesgen Garoma** are their research mentors and they currently work in their labs.

2017 Reimagine Engineering Summit



Dr. Natalie Mladenov and **Dr. Alicia Kinoshita** (part of the organizing program committee) attended the second annual Reimagine Engineering Summit at Disneyland Parks, which was hosted by Valparaiso University and the Disney Youth Programs. The summit included two days of inspirational hands-on workshops on innovation, leadership, and teamwork. The program also provided unique onstage and backstage presentations of Disney "Imagineering" in action and best practice sessions with colleagues and educators, who are passionate about inspiring the next generation of students.

More specifics about the conference and schedule can be found here:

<http://www.valpo.edu/college-of-engineering/2016/06/07/reimagine-engineering-conference/>

Team Building Session



ConE & CivE students participate in a team-building session at AGC San Diego on September 16, 2017 getting ready for the upcoming ASC competition.

Quotes of the Month: "At its heart, engineering is about using science to find creative, practical solutions. It is a noble profession." – Queen Elizabeth II