

CCEE MONTHLY

The Department of Civil, Construction, & Environmental Engineering

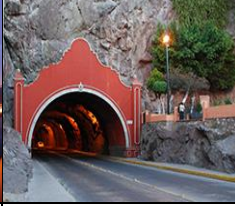


COLLEGE OF ENGINEERING

VOLUME 3 ISSUE 12 DECEMBER 2017



Structural



Geotechnical



Water



Transportation



Environmental



Construction

Lunch & Leadership Workshop

Featuring Dr. Kenneth Lamb from California State Polytechnic University and hosted by **Dr. Alicia Kinoshita** and **Dr. Natalie Mladenov**, with funding support from Northrop Grumman. The workshop brought together faculty from Civil, Environmental, and Aerospace Engineering as well as faculty from the Center for Teaching and Learning to discuss leadership definitions, awareness, and strategies in the classroom.

Outstanding Presentation



Lorelay Mendoza, a junior EnvE student and MARC scholar working under **Dr. Natalie Mladenov**, presented her research using in-situ fluorescence spectroscopy to monitor a simulated sewage spill at the Annual Biomedical Research Conference for Minority Students (ABRCMS) in Phoenix, AZ. Lorelay won an award for outstanding presentation in microbiology. (Front row, second from left)

Clean Water Challenge



Environmental engineering undergraduate scholars participating in the NSF-funded International Research Experience for Students (IRES) summer program in South Africa added an outreach component to their research experience. ENVE students pictured above (**Kevin Clack**, **Lauren Steinberg**, and **Zöe Orandle**) conducted the "Clean Water Challenge" activity with 5th grade students at nearby Dailard Elementary School, talked about becoming an engineer, and shared stories about their international research experience. IRES students are mentored by **Dr. Natalie Mladenov** and colleagues at Cal Poly Pomona University and the University of KwaZulu Natal.

American Geophysical Union (AGU)



Dr. Alicia Kinoshita's research group attended and presented at the largest Earth and space science meeting in the world (over 20,000 participants). This year the annual American Geophysical Union (AGU) Fall Meeting took place in New Orleans, Louisiana. Student presenters included **Kelly Flint**, **Jack Mikesell**, **Kyler Stevenson**, and Patrick Poon (Left to right in attached photo).

Design Firm Tour



Professor Nensi Lakrori has been teaching with our department for 3 years and she organizes tours for the students in her CIVE 301 course. For the Intro to Mechanics of Materials class, the students have to complete a class project where they relate the knowledge learned in class to real life examples. There is a competition for first and second place associated with the project and the winners get the opportunity to visit a major design firm in San Diego. The group of students this semester were comprised of not only Civil Engineering students, but also Geology, Mechanical Engineering, Bio-Mechanical, and Aerospace Engineering students as well. This semester they visited TY Lin International, an international infrastructure and bridge design company.

Distinguished Alumnus



Dr. Victor M. Ponce was recently interviewed for the feature "Distinguished Alumnus" of NotiFIC, the monthly magazine of the Department of Civil Engineering, National University of Engineering, in Lima, Peru (UNI). Dr. Ponce is a graduate of the UNI, Class of 1967. The complete interview (in Spanish) appears in Vol. 7, No. 28, December 2017, and can be accessed at the following link <https://ponce.sdsu.edu/notific28.html>

Quotes of the Month: "What we usually consider as impossible are simply engineering problems... there's no law of physics preventing them." - Michio Kaku