

CCEE MONTHLY

The Department of Civil, Construction & Environmental Engineering



VOLUME 1 ISSUE 4 APRIL 2015



Structural

Geotechnical

Water

Transportation

Environmental

Construction

ASCE Champions! The Pacific Southwest ASCE competition was held in Arizona on April 9-11, 2015. Our Surveying team, Transportation team, and Concrete bowling won 1st place, 2nd place for Women's Sprint in Canoe, and 4th place overall for Concrete Canoe, 2nd place in Ultimate Frisbee, 4th place in Geowall, and we won 5th place overall for the entire competition. Our team was ahead of such known universities as CalPoly Pomona, UC Irvine, University of Arizona, UCSD, University of Hawaii, UNLV, and Arizona State University. Fantastic results from our dedicated and talented students. Congratulations!

IRES Summer Research CCEE Students

The NSF-funded IRES program, led by Dr. Natalie Mladenov, made its final selection of SDSU students to head to Durban, South Africa this summer to do research on sustainable sanitation and water reuse. Congratulations to: Amy Bigelow, Federico Pinongcos, and Heather Tegley, all from CCEE! Good luck on an exciting and educational trip!



4th Annual SDSU Construction Engineering & Management Gala!

Our CEM Gala was a big success, raising **\$115,000**, with a matching contribution from Jeff Harper from Harper Construction, for a total of **\$230,000!**

This essential program supports our graduating construction engineers as an asset for continued industry strength.

You can read the article here:

http://newscenter.sdsu.edu/sdsu_newscenter/news_story.aspx?sid=75574

New Grant in Construction!

Dr. Thais Alves received a grant from Construction Industry Institute in the amount of **\$67,364** for "Effective Supplier Quality Surveillance (SQS) Processes and Practices" Congratulations!

Happy Anniversary!

Our very own **Sandy Maxwell**, Administrative Coordinator extraordinaire, just celebrated her 12th work anniversary on April 23! Thank you for all your hard work!

International collaborator

Professor Victor M. Ponce is working with the Autonomous University of Tamaulipas, Tampico, Mexico, and the city of Tampico, on the project entitled "Management of the intake of potable water for the city of Tampico." The project involves the sustainable management of sediment transport, salinity intrusion, and cultural eutrophication.

Green Energy Challenge Update

Students from CONE, EE, and ME have joined forces under the supervision of assistant professor **Thais Alves** and NECA Director of Gov. Affairs **Karen Prescott-Loeffler** and completed the design of a micro-grid for the San Diego Zoo. The students who are members of SDSU's NECA Student Chapter are participating in the Green Energy Challenge, a national competition sponsored by ELECTRI International. CONE graduating seniors **Scott Mora** and **Keith Walsh** will present the results of the team's work at the COE Design Day as part of their capstone design project.

A fond farewell to our visiting Professor from Georgia!

Farewell to our visiting professor from the Republic of Georgia! **Mirian Kalabegishvili** enjoyed his visit and learned a lot about our accreditation process, from various lectures held at SDSU, and by attending a Caltrans (Department of Transportation) demonstration of a culvert inspection done by a smart robot!

Save the Date!

Senior Design Day is May 8, 2015 in Montezuma Hall from 1-3 p.m. and the **Engineering Commencement** is on May 16, 2015 at 5:30 p.m. Don't forget to mark your calendars!

Seminar Series Star-Geotechnical Engineering

Dr. Iraj Noorany, Professor Emeritus, Ph.D, P.E., G.E., F.ASCE, provided a seminar at the Faculty and Staff Club on April 28 entitled "Movement of Compacted Fills and Embankments – SDSU Research." The seminar described research conducted at SDSU which focused on the causes of movement of compacted fills and slopes. Hopefully, you were able to attend! Keep checking back for more exciting opportunities!

SIMPSON Strong-Tie Workshop

Dr. Ziad Bayasi hosted a seminar for his students on April 14 which included a lecture and demonstration in Engineering Park. Dr. Bayasi arranged the seminar for his CIVE 523 Light Frame class but invited anyone who was interested to attend. Both the Educational Materials and Lunch were provided!



-pictured: **Mirian Kalabegishvili** (visiting professor), **Janusz Supernak** (Interim CCEE Chair), and **Bruce Urquhart** (Deputy Director Caltrans)

Quote of the Month: "If you dream it, you can do it" – Walt Disney