

CCEE MONTHLY

The Department of Civil, Construction, & Environmental Engineering



COLLEGE OF ENGINEERING

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Structural



Geotechnical



Water



Transportation



Environmental



Construction

Spring Design Day 2019



Design Day was held on May 8, 2019 from 1:30-4:00 p.m. at Montezuma Hall here on campus at SDSU. This event showcases the design projects that our Undergraduate students worked on for their Senior Design class. There are over 75 interactive projects on display every year. **Dr. Janusz Supernak**, our department chair, is shown with a team in the picture above. Congratulations to our Senior Design UG students!



Professor Victor M. Ponce's Visualab website has been visited 300,000 times as of May 30, 2019. The site will turn 20 this month! 😊
ponce.sdsu.edu

CWEA Student Design Competition



SDSU sent two teams to the California Water Environment Association (CWEA) student design competition in early May. Both teams turned in excellent design reports and gave outstanding presentations at the competition. One of our teams took first place in this statewide competition! The students who received this honor are **Ehrick Costello**, **Michelle Laurendine**, **Jason Ritchey**, and **Sean Youssefi**. CWEA will now sponsor the team to go to the national Water Environment Federation (WEF) conference in Chicago this September. At the WEFTEC conference, they will present their design and compete with about 30 other teams from the U.S. and abroad. They will also get an opportunity to network, attend research presentations, and represent SDSU on the national stage. **Dr. Christy Dykstra** (pictured above on the left) is their adviser. Congratulations, we wish you the best of luck at Nationals!

CCEE Student of the Month

Undergraduate Environmental Engineering student



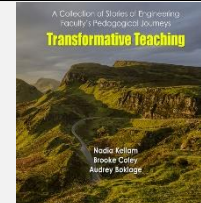
Anita Sanchez is our CCEE Student of the Month. As a Maximizing Access to Research Careers (MARC) Scholar at SDSU, Anita conducted research on ultrafiltration membranes for water reuse in the lab of **Dr. Natalie Mladenov**. Anita also has been active in the Society of Hispanic Professional Engineers, Chi Epsilon and Tau Beta Pi Engineering Honor Societies, the American Waterworks Association Student Chapter, and Society of Women Engineers. Anita was nominated for the CSU Louis Stokes Alliances for Minority Participation PROUD Award and for the SDSU Quest for the Best Award. Anita is a recipient of the Cornell Sloan/Colman Diversity Fellowship and has been recruited to pursue her PhD at Cornell University starting in Fall 2019. Congratulations Anita!

The Supernak Award for Excellence



Four years ago, ASCE (American Society of Civil Engineers) SDSU student leaders established "The Supernak Excellence Award" named after their Faculty Advisor for over two decades. This award has since been given to the top 5 ASCE student contributors. That prompted **Dr. Janusz Supernak** to make a \$50,000 bequest to establish the endowment for an annual monetary award given to the top student out of the five finalists. Dr. Supernak is a long standing champion of philanthropy for the College of Engineering. Our Department is grateful for his leadership and generous spirit.

Publication Transformative Teaching



Dr. Thais Alves is featured in Chapter 6, pg.53 of "Transformative Teaching: A Collection of Stories of Engineering Faculty's Pedagogical Journeys." This publication is about alternative teaching methods in Engineering.

Working with La Paz, Bolivia



Professor Victor M. Ponce is working with the City of La Paz, Bolivia on the control of pulsating waves in channelized rivers.

Quotes of the Month: "When the well is dry, they know the worth of water." – Benjamin Franklin

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