



SPRING 2020 / SUMMER 2020 NEWSLETTER

DEAN'S MESSAGE

In Spring 2020, we were facing extraordinary challenges introduced by the COVID-19 pandemic. I am proud of our faculty, staff and students who have exhibited amazing creativity and flexibility, and who were able to switch the College activities to a virtual mode during an incredibly short period of time. I want to express my personal gratitude to all College affiliates who have rapidly adapted to this extraordinary situation.

Despite all the disruption caused by the pandemic, we advanced in some important areas. I am happy to share a number of exciting developments for the College.

The research productivity of our faculty increased substantially. In 2020, compared with 2019, our College is expected to receive 13% more in research award dollars.

Our faculty members are scheduled to receive nine newly renovated labs in our main Engineering Building before June 2020.

Our summer session student enrollment as well as the number of summer session classes offered by the College of Engineering are at a historical high.

Our College's proposal on the optimization of the General Education curriculum has been approved by the University Senate. This milestone achievement is expected to have a significant impact on our engineering students' graduation rate.

Offered in a virtual mode for the first time in the history of our College, the Engineering Design Day attracted more than 2,000 visitors – the highest number ever.

We are pleased to welcome three new faculty members in our Departments: one in Aerospace Engineering and two in Mechanical Engineering.

We continue our focus on student success and academic quality of our programs during these unprecedented times.

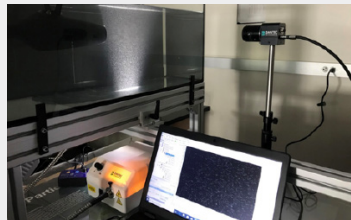
Dr. Eugene A. Olevsky
Dean, College of Engineering
www.engineering.sdsu.edu



CONGRATULATIONS ENGINEERING CLASS OF 2020 FROM THE SDSU COLLEGE OF ENGINEERING FACULTY & STAFF



FACULTY



Particle Image Velocimetry Lab Session Introduced to UG Curriculum at SDSU

This course was developed and taught by Dr. Xiaofeng Liu, Assistant Professor, SDSU Department of Aerospace Engineering. To date there are only 9 universities nationwide that have invested in this type of experiment. >>



Engineering News Record (ENR) California 2020 Top Young Professionals

Dr. Reza Akhavan, Assistant Professor, Department of Civil, Construction & Environmental Engineering, has earned a spot on the ENR's Top 20 under 40 list. >>



Submersible Sensors Rapidly Detect Bacterial Pollution in Water

Dr. Natalie Mladenov, Associate Professor, SDSU Environmental Engineering, uses a portable submersible fluorometer which can alert authorities to contamination after a storm by looking for an improvable marker: tryptophan. >>



Professor Tom Johnston Retires After Teaching 27 Years in the Mechanical Engineering Department

During his time teaching, Professor Johnston has taught courses in hand drafting/AutoCAD, Pro-Engineer/CREO and SolidWorks, pre-mechanics lab, and a mechatronics lab. >>

STUDENTS



The SDSU College of Engineering Cares

The SDSU College of Engineering cares greatly about our amazing Engineering students! Our Faculty & Staff created a video for our students to let them know that we care and are here for them during these challenging times. >>



SDSU Rocket Project Successful Launch of Lady Elizabeth

On February 1, 2020, the SDSU Rocket Project team successfully launched their methalox rocket, Lady Elizabeth, reaching an altitude of 13,205 ft. >>



2020 Virtual Engineering Design Day a Success

Graduating engineering seniors presented their innovative projects at the College of Engineering Virtual Design Day, held on May 6, 2020, with over 2,000+ participants from around the country and abroad. >>

COMMUNITY & OUTREACH



Dr. Kevin Wood Develops COVID-19 Ventilator Prototype

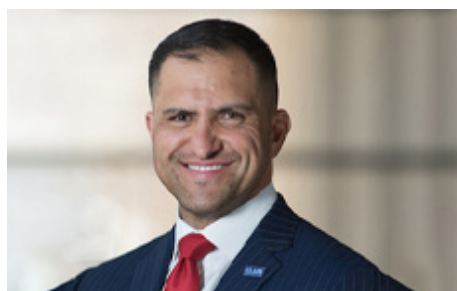
In just nine days, Dr. Kevin Wood, Assistant Professor, SDSU Mechanical Engineering, and his Interface Design Lab team designed and built a ventilator that may be able to be mass produced and supplied quickly to aid in the fight against COVID-19. >>



SDSU Troops to Engineers Program Second Annual BAE Systems Senior Awards

Congratulations to our four Troops to Engineers recipients of the BAE Systems Senior Award! These four students have shown great dedication to the Troops to Engineers Program and were chosen based on their active participation in the Program. >>

ALUMNI & DONORS



Where Are They Now? Civil Engineering Alumni Highlight: Carlos Gonzalez

Carlos Gonzalez currently serves as the Regional Executive Officer & Sr. Vice President, Western Region South, for Clark Construction. Originally from Mexico City, Carlos' first memory of SDSU was walking across the footbridge on College Avenue and thinking how beautiful the campus was. >>



SDSU Construction Management Major Close to Becoming a Reality – AGC Chair Campaign in Full Swing

SDSU is in the final stages of approval for the Construction Management Major (CONM) in the College. The AGC of San Diego has provided leadership and a \$700K gift toward a goal of \$2.5 million to establish the AGC Chair in Construction Management. >>



SDSU Rocket Project Receives Generous Gift from Dr. Richard Woodcock

Richard Woodcock, PhD, has made a \$100K gift to the SDSU Rocket Project. Dr. Woodcock's support has enabled the Rocket Project to design and build the dual cryogenic Methalox fueled rocket named "Lady Elizabeth." >>

GIVING TO THE COLLEGE OF ENGINEERING

To learn more about giving to the College of Engineering, please contact our Senior Director of Development: Kate Carinder - kcarinder@sdsu.edu, or phone: 619-594-8264

STAY CONNECTED:

