



DEAN'S MESSAGE

I hope you had a safe and enjoyable Winter Holiday.

In Fall 2020, we continued facing extraordinary challenges introduced by the COVID-19 pandemic. I want to express my personal gratitude to all College affiliates who have exhibited amazing creativity and flexibility in this extraordinary situation.

With the start of 2021, I am happy to share a number of exciting developments that, despite all the disruption caused by the pandemic, our College has been able to achieve.

The research productivity of our faculty continues increasing. Halfway through the 2021 FY, we are at 66.5% for total research award dollars compared to the 2020 FY.

SDSU continues its strategic investment in the College of Engineering. In Fall 2020, we were pleased to welcome three new faculty members (all three - female) in our Departments: one in Aerospace Engineering (first ever female faculty member in the history of our AE Department) and two in Mechanical Engineering. The searches for four additional faculty positions are currently underway: one in the Aerospace Engineering Department, two in the Civil, Construction, and Environmental Engineering Department, and one in the Mechanical Engineering Department.

In Summer-Fall 2020, our faculty members received nine newly renovated labs in our main Engineering Building. Seven more newly renovated labs are scheduled to be finished in Spring 2021.

Our College's endowment has doubled during the last three years. In Fall 2020, Peggy (BSEE '85) and Eric Johnson (MSEE '86) made a remarkable gift to name and endow the fred harris Chair in Digital Signal Processing (DSP).

The enrollment in our doctoral programs continued its growth and presently is at its historical maximum.

We continue our focus on student success and academic quality of our programs during these unprecedented times and look forward to a productive and successful Spring 2021 semester.

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



FACULTY

Welcome to Our New Faculty

The College of Engineering welcomed three new faculty in Aerospace and Mechanical Engineering in Fall 2020. >>



Dr. Allen Plotkin Receives 2020-21 SDSU Alumni Distinguished Faculty Award
Dr. Allen Plotkin, Professor, Dept. of Aerospace Engineering, was a recipient of the SDSU Alumni Distinguished Faculty Award for outstanding contributions to the University and his respective field. >>



New Construction Management Degree Offered at SDSU
The J.R. Filanc Construction Engineering and Management (CEM) Program, a part of the College of Engineering, is excited to offer the new Construction Management major in addition to the ABET-accredited and well-established Construction Engineering major. >>



Dr. Duy H. N. Nguyen Receives IEEE ICC 2020 Best Paper Award
Dr. Duy H. N. Nguyen, Asst. Professor, Dept. of Electrical & Computer Engineering, received the award for his paper: "SVM-based Channel Estimation and Data Detection in Massive MIMO with One-Bit ADCs," co-authored by his Ph.D. student, Ly V. Nguyen and collaborator at UC Irvine, A. Lee Swindlehurst. >>



Dr. Kevin Wood Featured in San Diego Union Tribune for Creating Ventilator for COVID-19 Patients
Dr. Kevin Wood, Assistant Professor, Dept. of Mechanical Engineering, along with graduate students in his lab, have created a low-cost, easy-to-use ventilator that could be used to help treat COVID-19 patients. >>

STUDENTS



Shruthi Dasappa Receives Fellowship Awards
Shruthi Dasappa, is a Ph.D. candidate in the SDSU/UCSD Joint Doctoral Program for Engineering Sciences. She was recently awarded the 2020 Shah Family Entrepreneur Fellowship and Institute for Global Entrepreneurship Fellowship by UCSD, and the 2021 INTERN Fellowship by the National Science Foundation for an internship at Argonne National Lab. >>



CSU Doctoral Program Finds Potential in Engineering Grad, Maricruz Carrillo
SDSU's Maricruz Carrillo, who previously earned a major NSF award, is among the 2020-21 cohort of a program to prepare students for an academic career. Maricruz Carrillo was recognized by the California State University (CSU) system as a scholar in the Chancellor's Doctoral Incentive Program (CDIP). >>

COMMUNITY & OUTREACH



2020 MESA Stem Shadow Day
Students from local colleges and high schools with a Mathematics, Engineering, Science, Achievement (MESA) program shadowed engineering and science professionals virtually through Zoom or Microsoft Teams on November 19, 2020. >>



WE Chat with Dr. Tara Welborne
Dr. Welborne, Mission Assurance Manager at Northrop Grumman, led a discussion about "Imposter Syndrome & Work-Life Balance" at the first WE Chat hosted by the SDSU Women in Engineering Program and the College of Engineering Femineer® Program. >>



SDSU Alumni Return to Mentor Current Students
SDSU's NIH-funded Initiative for Maximizing Student Development and Maximizing Access to Research Careers Programs jointly hosted a series of professional development and networking opportunities during Fall 2020, which leveraged the knowledge and experiences of SDSU alumni. >>

ALUMNI & DONORS



Johnsons Make Gift to Endow fred harris Chair in Digital Signal Processing
Engineering alumni, Peggy ('85, BSEE) and Eric Johnson ('86, MSEE) have made a \$3,100,000 gift to name and endow the fred harris Chair in Digital Signal Processing. >>



Mr. and Mrs. Aldrete Make Endowment Gift for MESA Scholarship Support
Engineering alumni, Alfredo Aldrete (BSEE 97') and Sandra P. Aldrete (BSME 97') have made a gift to establish the "Alfredo Aldrete and Sandra Pulido Aldrete MESA Endowed Scholarship" for Engineering. >>

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:

