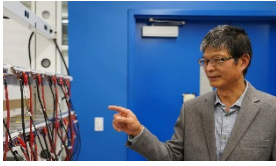


# Spring 2023 Newsletter

## FACULTY NEWS



### Dr. Chunting “Chris” Mi Receives a \$959,932 Grant in Collaboration with Solid Energies, Inc.

Dr. Chris Mi, Professor in the Department of Electrical and Computer Engineering received a \$959,932 grant for his work in collaboration with Solid Energies, Inc. The grant is sponsored by the California Energy Commission and is titled “*High Safety, Wide-Operation-Temperature, Low-Cost All-Solid-Sates Li-Ion Battery and ASSLiB-Based Energy Storage Systems*”.



### Dr. Junfei Xie Named Presidential Research Faculty Fellows

Article by Kelly Woodhouse, October 21, 2022

Dr. Junfei Xie, Associate Professor in the Department of Electrical and Computer Engineering, was among seven faculty members to be named Presidential Research Faculty Fellows at San Diego State University in recognition of their outstanding research, scholarship, and creative endeavors. To read the full article click on [Presidential Research Fellows Honored for Advancing Their Fields](#).



### Barry Dorr, Engineering Lecturer by Day, Jazz Musician by Night

Article by Audrey Chuakay, November 8, 2022

Professor Barry Dorr, Lecturer for the Department of Electrical and Computer Engineering at San Diego State University works his childhood passion for music into his instruction for senior design projects. To read the full article, click on [Engineering Lecturer by Day, Jazz Musician by Night](#).



### Dr. Duy H. N. Nguyen, Beyond 5G: SDSU Professor Earns NSF CAREER Award

Article by Melinda Sevilla, October 19, 2022

We have sensors in our cars, our phones, and now even our homes — all meant to make our day-to-day lives easier through the use of wireless communications. Electrical and Computer Engineering professor Duy Nguyen wants to make these machine learning and signal processing algorithms even stronger — and our lives even easier. To read the full article, click on [Beyond 5G: SDSU Professor Earns NSF CAREER Award](#).

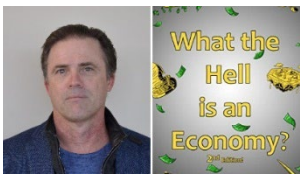
## ALUMNI



### Octavio Martínez (BSEE '92, MBA '00) - From Internship to International Agreement

Article by Melinda Sevilla, January 17, 2023

Octavio Martínez’s (BSEE ‘92, MBA ‘00) immersion into semiconductors as a San Diego State University student led to a successful career in the field, and a recent high-profile involvement in the binational semiconductor chip agreement between the United States and Mexico. To read the full article, click on [From Internship to International Agreement](#).



### Eric Johnson ('86) - What the Hell is an Economy?

Article by Melinda Sevilla, January 4, 2023

It’s a question that Eric Johnson ‘86 wouldn’t have asked while an electrical engineering graduate student at San Diego State University. “I gave it no thought,” he said. But throughout his career and life experiences, Johnson has learned that the economy includes goals of productivity, improving quality of life across the board, and “just the right amount of compassion.” To read the full article, click on [What the Hell is an Economy?](#)



### Alan Dulgeroff, SDSU Alumni ('92, '18), SDG&E and Snapdragon Stadium

Video provided by Melinda Sevilla, November 2, 2022

Alan Dulgeroff, Director of Electric System Planning at SDG&E received his Bachelor

of Science in Electrical Engineering in 1992 and his Master of Engineering degree in 2018 at San Diego State University. Alan shares his story of SDG&E's collaboration with SDSU's Snapdragon Stadium. Click [SDG&E and Snapdragon](#) to view the video clip.



### Joe E. Kiani, SDSU Alumni ('84 & '88), 2022 Forbes 400 Billionaire

Article written by Kerry A. Dolan, Forbes Staff

Joe E. Kiani, founder, CEO, and Chairman of the Board of Masimo Corporation, a publicly held (since 2007) global medical technology company, immigrated to the U.S. from Iran as a child of poverty to become a billionaire! In 1984, Joe earned his Bachelor of Science in Electrical Engineering and in 1988 his Master of Science in Electrical Engineering at San Diego State University. He was also the 2005 Monty Awardee. To read the entire article, click on [Meet the Iranian Immigrant Who Became a Covid MedTec Billionaire](#).

## UPCOMING EVENTS



The SDSU College of Engineering will host its annual Design Day on **May 3, 2023**, at **Montezuma Hall** in the Conrad Prebys Aztec Student Union building from **1:30pm-4:00pm**. Design Day exhibits a collection of projects from graduating seniors from Electrical and Computer engineering majors. Please check our [Engineering Design Day](#) website for further information and to see a list of our past Design Day events.

Visit the [Department of Electrical and Computer Engineering website at electrical.sdsu.edu](#) to learn more about us and our programs.

## Giving to the Electrical and Computer Engineering Department

To learn more about giving to the Electrical and Computer Engineering Department, please contact our Senior Director of Development: Kate Carinder – [kcarinder@sdsu.edu](mailto:kcarinder@sdsu.edu), or phone: 619-594-8264