

CALIFORNIA STATE UNIVERSITY LONG BEACH

College of Engineering Distinctions 2022-2023

www.csulb.edu/coe

CSULB is a university of talented and diverse students that consistently ranks among the top public universities in the West (*U.S. News & World Report*) and is one of the “Best Value” public universities in the nation (*The Princeton Review’s “America’s Best Value Colleges”*). CSULB’s College of Engineering (COE) offers students access to nationally renowned academic programs on a campus that is student-centered, service-oriented and globally engaged.

Prominent Rankings & Awards

The College of Engineering has made increased gains in the number of degrees awarded per faculty member and remains a leader in the number of engineering degrees awarded to Asian-American and Hispanic students.

The COE is one of four CSULB colleges participating in the five-year, \$22.7 million Building Infrastructure Leading to Diversity (BUILD) Program funded by the National Institutes of Health. BUILD seeks to develop an institutional infrastructure that enhances diverse student and faculty engagement in biomedical research.

With over 5,000 students enrolled in the COE, CSULB ranks as the 5th largest producer of engineers in California, according to The American Society of Engineering Education.

CSULB’s Colleges of Engineering and College of Business teamed up to create CSULB’s Innovation Challenge. Students submit innovative plans for bettering their local and global communities. The winning team is awarded \$10,000 in start-up funding, plus legal and marketing services, office space and other benefits to make their ideas a reality.

Henry Yeh, chair of the CSULB Electrical Engineering Department, has been named Outstanding Engineering Educator for IEEE’s Region 6, which covers the western United States.

CSULB partnered with Caltrans to offer a Joint Training and Certification Program (JTCP) for materials testing technicians in the specialties of Hot-Mix Asphalt, Soils and Aggregates and Portland Cement Concrete. This program gives students the tools to increase quality and reduce delays on construction projects throughout the state.

COE partners with strong industry leaders such as: Chevron Corporation, Intel, DreamWorks Animation, Boeing Company and the City of Long Beach.

In 2021, CSULB’s College of Engineering Lunabotics Team shined at the NASA competition, placing 1st in the state and 13th nationwide. The team designed, built, and operated a lunar excavator prototype; one of the most rigorous challenges associated with the NASA ARTEMIS project, which aims to return humans to the moon and establish a lunar base by 2024.

The College of Engineering’s mission to close the gender science gap is helped by the \$500,000 grant from the Center for Inclusive Computing at Northeastern University in 2021.

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