

**CEA Construction Management University Grant Program
2024 Grant Application Synopsis**

UNIVERSITY OF CALIFORNIA, BERKELEY

Requested: \$36,000

Proposal: UC Berkeley requests funding to support student teams in this year's ASC Reno Construction Competition (\$17,500), team prizes for students in the University Lean Construction fall and spring semesters (\$6,000), funding to support the annual Berkeley Construction Innovation Day (\$5,000), and to help support program outreach to high school students (\$2,500). Finally, UC Berkeley requests support in covering University assessed gift processing fees (\$4,632).

2023 Award: UC Berkeley was awarded \$32,500 to help fund competition teams and use directly on Lean Construction courses. In addition, this grant helped the undergraduate Civil Engineering Program participate in the 2024 ASC Reno Construction Competition.

CALIFORNIA POLYTECHNIC STATE UNIVERSITY, SAN LUIS OBISPO

Requested: \$45,000

Proposal: Cal Poly is requesting funding to continue and expand their CEA Student University Resource Fund (\$25,000) which supports student participation in field trips, competitions, and conferences. Cal Poly also requests funds to expand the CEA Student Material and Resource Technology Program that replenishes construction material utilized by students in the classroom (\$20,000).

2023 Award: Cal Poly was awarded \$36,000 in funds to support the CEA Student University Resource Fund (SURF) and the CEA Student Material and Resource Technology (SMART) Programs.

CALIFORNIA STATE UNIVERSITY, CHICO

Requested: \$34,600

Proposal: Chico requests funding to continue their new student recruitment and outreach to help increase student interest and enrollment in the Construction Management Program (\$3,200). In addition to the increase in recruiting, Chico is requesting funds to help cover sponsorship fee costs for tables at Trades Day Events across California (\$6,000). Chico also requests funding for CEA/Chico State Construction Management branded New

Construction Management Student Packs (\$2,200), as well as funds for CEA/Chico Construction Management T-Shirts (\$7,200). Additionally, Chico State requests funds for its Clubs and Teams Semester Kickoff Event, which helps market its competition teams and student clubs (\$2,200). Lastly, Chico requests funding for student and construction experiences outside of the classroom, which includes the 2024 ASC Reno Construction Competition (\$5,400) and the purchase of plan sets for students in CMGT 210 Plan Reading Course (\$8,400).

2023 Award: Chico was awarded a grant of \$31,000 to support their teams in the 2024 ASC Reno Construction Competition, while the remaining funds were utilized for continued efforts to recruit and promote their program at local high schools and community colleges.

CALIFORNIA STATE UNIVERSITY, FRESNO

Requested: \$56,400

Proposal: Fresno State requests funding for the creation of “Construction Material and Methods” open access Massive Open Online Course (MOOC). This course will aim to fill a significant gap in construction education by providing comprehensive training in U.S. specific construction material, methods and practices, which are essential for success in the industry. For program execution, Fresno is requesting funds for student and faculty assistance to help develop the contents and host it on the MOOC platform (\$31,400). Furthermore, to enhance the learning experience, it is important to engage industry experts in the development of practical content (\$14,000). Lastly, Fresno State requests funding for the technical infrastructure for the development of the video and digital environment required for creating mini modules and video tutorials, as well as design and host a website (\$11,000).

2023 Award: Fresno was awarded the 2023 Donald L. Warmby Leadership Award for most outstanding program along with \$40,000 in funds for the creation of an “Artificial Intelligence (AI) Applications in the Architecture, Engineering and Construction (AEC) Industry” course for construction management students. This course will improve students’ understanding related to AI and its advantages and challenges with its implementation.

CALIFORNIA STATE UNIVERSITY, SACRAMENTO

Requested \$37,398

Proposal: CSU Sacramento requests funding to help capture progress photos and live videos of work in progress and build interactive models of local construction projects (\$9,775). Sacramento is also seeking funds for the integration of drone technology into its construction and layout course (\$7,820). Additionally, Sacramento requests funding for the development of a new course that will provide an understanding of digital technologies and its integration within the industry (\$7,820). Lastly, CSU Sacramento requests funds to help accelerate the academic and professional progress of freshman entering the Sacramento State Construction Management Program through the creation of an Incoming Freshman Summer Bootcamp Program (\$11,983).

2023 Award: CSUS was awarded a \$32,500 grant to help support their teams in the 2024 ASC Reno Construction Competition. In addition, the remaining funds were awarded to help assist CSUS with its program outreach and promotion of the Construction Management Program.

STANFORD UNIVERSITY

Requested: \$40,000

Proposal: Stanford is requesting funds to be used in the area of faculty lecturers for the benefit of the students. Stanford plans on having eight guest lecturers throughout the year at an average rate of \$5,000 per faculty lecturer (\$40,000 total).

2023 Award: Stanford was awarded \$25,000 in funds to support faculty lecturers with the knowledge and skills again not otherwise available in the department, or funded by the University, to teach students in their area of expertise and industry experience.

CALIFORNIA STATE UNIVERSITY, EAST BAY

Requested \$40,200

Proposal: East Bay requests funding to support their teams in the 2024 ASC Reno Construction Competition (\$5,000). CSU East Bay requests funds to support program ambassadors to promote CSUEB at local high schools and community colleges (\$10,000). Additionally, East Bay requests funds for CEA sponsored scholarships, which will benefit students in need attending CSUEB (\$5,000). East Bay would like to devote funds to their two-day

construction management exclusive career fairs on campus (\$6,000). Lastly, East Bay requests funds to be used to cover program overhead (\$5,200), as well as expenses accrued by staff (\$9,000) to support the program's initiatives and special projects.

2023 Award: CSUEB was awarded \$27,000 in funds to help support their teams at the 2024 ASC Reno Construction Competition. In addition, these funds allowed East Bay to support program ambassadors to recruit and promote program awareness at local high schools and community colleges.