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Inspired by ASCE National's documentary film, Dream Big, we created "CSULB Dreams Big" as our own Student Chapter's K-12 Outreach event to encourage young students to pursue a career in Civil Engineering.

On December 1st, 2018, we held our very first event and hosted over 260 middle and high school students from the Los Angeles and Orange County to our CSULB campus! We shared the wonders of civil engineering through various workshops, team building activities, a professional panel, and of course, streaming the *Dream Big* movie itself!

We're excited to announce that the ASCE CSULB Dream Big: A K-12 Civil Engineering Outreach Event will celebrate its fifth installment on

Saturday, December 3rd 2022







Workshops for the ASCE CSULB Dream Big: A K-12 Civil Engineering Outreach event were designed, organized, and hand-picked to encourage young students to pursue a career in civil engineering! Below are some of the event's staple workshops and technical demonstrations!

Design-Build Cardboard Box Activity
Critical Load (Playing Cards) Challenge
Safe Landing (Egg-Drop) Challenge
Manual Water Filtration Workshop
Soil Mechanics (Sand) Activity
Water Pipelines Workshop
Traffic Jamz Workshop
Popsicle Stick Bridge
LEGOMan Challenge

"Compete" Streets Workshop

Street Mix Workshop

Foil Boats Challenge

Spaghetti Towers

DIY Mini-GeoWall

Liquefaction Demonstration

Water Purification Demonstration

Concrete Cylinders Demonstration

Total Station and Automatic Leveler Exercise

These activities are in conjunction with University Lab Tours (Environmental, Geotechnical, Surveying), a Professional Panel, and the *Dream Big* film streaming.





The success of Dream Big since 2018 is all due to our amazing university student and professional volunteers! They are the heart and soul of the event. Their experiences, aspirations, and achievements are what inspire hundreds of K-12 students annually. We are grateful for the following organizations who have continually helped support and guide our program to grow into what it is today!

MESA (Math, Engineering, Science Achievement)
CSULB Department of Civil Engineering and Construction Management
CSULB College of Engineering
CSULB Associated Students, Inc.

ASCE Younger Member Forums (YMF):

Orange County (OC)
Los Angeles County (LA)

ASCE Student Chapters:

UC Irvine
CSU Fullerton
Cal Poly Pomona
University of Southern California



CSULB Engineering Organizations:

Earthquake Engineering Research Institute (EERI)
Engineers for a Sustainable World (ESW)
Institute of Transportation Engineers (ITE)
Society of Asian Scientists and Engineers (SASE)
Society of Women Engineers (SWE)
Association of General Contractors (AGC)
American Public Works Association (APWA)
Chi Epsilon (XE)



"The Dream Big event was well planned and everyone hosting it was very helpful and accommodating. I almost couldn't believe that this is only the second year of the event because everything was so well put together! The activities were very engaging for kids, and they really enjoyed all of the creative hands-on workshops. As a recent graduate, I enjoyed running the workshop with engineering students from other schools and fellow ASCE YMF folks."

- Haley Witzeman, Dream Big 2019 & 2021 Volunteer

"The variety of civil engineering related activities allows students to experience what we do. I think its super hard to incorporate all the civil engineering topics into one event, but ASCE CSULB was able to do just that!"

- Celeste Chan, Dream Big 2019 & 2021 Volunteer

"I love how ASCE CSULB's Dream Big is a huge collaboration between ASCE student chapters, engineering organizations, and engineering professionals! Individuals of all ages, volunteers and students, leave inspired and motivated to promote STEM in their own communities. The workshops and activities are also innovative and unique than other K-12 Outreach events! Everyone had a smile on their face throughout the event. I would definitely recommend anyone to attend in the years to come!"

- Marionne Lapitan, Dream Big 2018-2021 Volunteer "The ASCE CSULB team approached us with this idea back in the Summer of 2018, and we are blown away by how far the event has come since. They do an excellent job hosting it in-person, as well as, virtually in 2020. We look forward to attend the event every year. Keep up the amazing work!"

- ASCE Orange County Younger Member Forum, Dream Big 2018–2021 Supporting Organization

"Amazing job well done with this event! We are so proud of Cal State Long Beach!"

- ASCE Los Angeles Younger Member Forum, Dream Big 2018-2021 Supporting Organization

"I enjoyed how the students had the opportunity to actively participate during the panel and ask their own questions. The students were eager to ask questions and genuinely curious about engineering."

> - Marquis Mark, Dream Big 2018 Volunteer



LETTER OF INTENT

22 October 2022

The ASCE Student Chapter at California State University, Long Beach, is seeking sponsorship from your company for the fifth installment of our **Annual ASCE CSULB Dream Big: A K-12 Civil Engineering Outreach** event on **Saturday, December 3rd**!

Our chapter's primary goal is to devote our efforts to students' development and continued learning. Since 2018, the event has expanded the horizons of over 1200 students through technical workshops, team-building activities, university laboratory tours, a professional panel, and by streaming the *Dream Big* movie that started it all! These efforts were all in collaboration with local universities, student chapters, ASCE groups, and engineering organizations. Through our collective efforts, young students gained hands-on experience, teamwork, communication, and leadership skills, while broadening their perspective of the civil engineering field.

Due to its massive success over the years, our student chapter is excited to bring Dream Big back for its fifth year, while following COVID-19 restrictions! Your support can help establish an opportunity that future civil engineers can continue to benefit from beyond the event. With a partnership, your company will be advertised on our website, t-shirts, newsletters, social media platforms, and more! This collaboration will also invite a representative from your company to be a part of the professional panel, allowing you to meet some of the brightest K-12 and university students in the Los Angeles and Orange County area.

In order to make this Dream Big another huge success, our student chapter is looking for companies and partnering organizations that can support our event with a monetary donation. Please be advised that we are a non-profit organization and all grants, donations, or "in-kind" services are tax-deductible. Also, if your company cannot provide monetary support at this time or would like to include more help with your donation, we are seeking items for the students' goodie bags. These packages may include pens, pencils, notebooks, and other school supplies with your company's logo. We simply ask that we receive these items by **Wednesday, November 30th** to give us time to organize it all on time for our event.

We appreciate and thank you for your consideration. If this is an opportunity your company may be interested in, or if you have any questions, please email us at **presidentecsulbasce.org**. We look forward to hearing from you soon. The support of organizations like yours would truly enable young minds to continue to Dream Big!

Best Regards,

Erin Santiago & Nevin Tasci ASCE CSULB Co-Presidents





MONETARY DONATION

Monetary donations will go towards covering the cost of Dream Big t-shirts for volunteers, campus parking permits, decorations, and food & drinks for students and volunteers.



COMPANY SWAG DONATION

Donating company swag introduces students to the different civil engineering companies early and broadens their options when deciding on firms. Company swag donations will create swag bags for the 200-300 students, ages K-12, attending Dream Big.



Connect with fellow engineers and university students in assisting with technical workshops and provide a real-word perspective of the civil engineering industry to the next generation.

Companies that provide monetary or swag item donations will be showcased on our sponsors page, t-shirts, newsletters, and publications. If you have any questions, please contact **presidentecsulbasce.org**.



SPONSORSHIP DONATION FORM

Please email the application to president@csulbasce.org and CC treasurer@csulbasce.org.

BUSINESS INFORMATION			
First Name:	Last Name:		
Company Name:			
Address:			
City:	State:	Zip Code:	
Contact Email:			
Contact Phone Number:		Extens	sion:
	SPO	NSORSHIP	
Please make all checks	Lis California America C 1	"ASCE CSULB". Pleas a Star (ASCE CSULB) State University, Long B in Society of Civil Engine E/CEM Department 250 Bellflower Blvd. ing Beach, CA 90840	each
COMPANY SWAG DONATION:		MONETARY	DONATION:
ITEMS*:		\$100	\$750
		\$250	\$1000
		\$500	OTHER:
*Please contact president@csulbasce.org for pick-up, drop-off, or mailing options.			
ADDI IOATION CAND	OT DE DDG	OFFICE WITHOUT	LIT VOUR CIONATURE





EMAIL

president@csulbasce.org



WEBSITE

csulbasce.org/dream-big

Thank You!

We are excited to see what we can accomplish together! See you on December 3rd!





























