

UCLA Center for Excellence in Engineering and Diversity

*"UCLA ranked #1 public university in the US."
- US News and World Report*



*"UCLA ranked #9 for engineering and tech. universities in the world."
-Times Higher Education*

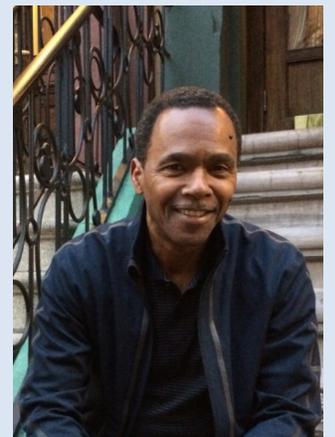


A Message from the Director of CEED

Congratulations on being admitted to UCLA! Over 26,000 high school students and 3,200 transfers applied to the UCLA School of Engineering. Of those, you were one of those selected to participate in the CEED Program.

Please take a few moments to review the material in this brochure. It includes information on some of the programs CEED offers, as well as a few personal comments from our students. As you can see in the testimonials, CEED transfers excel in engineering and computer science from our programs.

On behalf of the CEED Staff and myself, I would like to greatly encourage you to consider joining the CEED community at UCLA. Each of you has the opportunity to discover, innovate, and engineer change at UCLA.



Rick Ainsworth
Executive Director

CEED Programs and Resources

Bridge Review for Enhancing Engineering Students (BREES)

2020 CEED BREES Program will be remote following campus and state guidelines.
More details to follow during the August Orientation.

BREES is a 14-day intensive summer program* that provides early exposure to the “gatekeeper” engineering courses that students will be taking in the following Fall quarter (and in some cases, the Winter quarter). The program runs prior to the beginning of the Fall quarter, ending only 2-3 days before the first day of classes. BREES participants benefit from the following opportunities and components:

- ◆ 14-day intensive instruction and workshops in two core courses.
- ◆ Each week of the program lectures are provided 3 days of the week (2 hrs. pers session)
- ◆ Academic Excellence Workshops (AEWs) occur x2/week for 2 hrs. each session. AEWs are problem solving workshops facilitations by graduate instructors.
- ◆ Interaction with graduate student instructors, who will cover keep topics in each course
- ◆ Mock midterms with assessment.
- ◆ Free lodging in the residential dorms on campus.

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CEED Research Opportunities



CEED transfer Vanessa conducting research in a chemical engineering research lab, preparing for PhD program at CalTech.

Transfer alum Cristina completed PhD in Environmental Engineering.

The UCLA Henry Samueli School of Engineering and Applied Sciences (HSSEAS) has been at the forefront of engineering and technological advances since its inception in 1941. Today there are 13 Research Centers and 67 labs in UCLA HSSEAS. The Center for Excellence in Engineering and Diversity encourages and assist students to pursue undergraduate research. CEED partners with the Translational Applications of Nanoscale Multiferroic Systems (TANMS), Semiconductor Research Corporation (SRC),

and the Summer Undergraduate Research Program (SURP). The goal of these programs is to encourage young scholars to go on to graduate school. Vanessa Evoen, a CEED transfer alum and PhD recipient in Chemical Physics at Caltech says, “I was able to gain experience that helped me get into graduate school, but what I did learn during research applies to what I do today.” She credits much of her success at UCLA to the CEED program as it provided her with the financial and academic help she needed to thrive, as well as giving her a sense of belonging.

Structured Study Night



Tri-Org members at Structured Study Night, a CEED sponsored event that connects students to TAs that can tutor them in classes for a night.

Scholarships



A total of 48 CEED students were named National Science Foundation (NSF) scholars, 10 of them being transfers. Students received scholarships of a minimum of \$2500.

Transfers Geronimo Gudino, Juan Ernesto, and Florina Patron on their first day of school at UCLA!



CEED Testimonials

Transfer Alums Extending their Careers

Karen Ekeruche—Class of 2018, Mechanical Engineering

Hi my name is Karen Ekeruche. I transferred from San Joaquin Delta College, Stockton California to UCLA in 2015. I graduated with a bachelors in Mechanical Engineering in 2018. I currently work for Chevron as a design engineer. In deciding where I wanted to transfer to, I considered funding, academic equality, research and job opportunities. Out of all my choices, UCLA was the only school that had a well established program that guaranteed access to those criterias, so I ultimately chose UCLA because of CEED. CEED has actually exceeded my expectations because I graduated debt-free, had the opportunity to work with renowned professors on research projects, and had multiple job offers from CEED industry partners before I graduated. Based on my story, I say choose UCLA, choose CEED.



Andrés Padilla—Class of 2019, Aerospace Engineering



As an incoming transfer student, I chose UCLA Engineering because of the broad scope of classes that the school offered. As an Aerospace Engineering major, I was able to take classes on rocket propulsion, aircraft mechanics, orbital mechanics, and much more. These broad scope of classes helped me pin down what I wanted to focus on for my career upon graduation. Apart from the classes, the CEED program was also a big reason for me to choose UCLA Engineering. First, the CEED Program connected me with students with similar backgrounds as me. I didn't feel alone taking these classes because CEED help me connect with students in the same major with similar backgrounds as me. Second, the CEED program offers its students with many events such as networking events and job fairs that help students get a job upon graduation. As an alumnus, the CEED program has well prepared me for my current career in industry by helping me start my engineering network to industry. This engineering network is important to have because it helps me connect with professionals in the engineering industry, and these professionals help with providing advice and new career opportunities. Thanks to UCLA Engineering and the CEED Program, I am now working full-time with Lockheed Martin Aeronautics as a Flying Qualities Engineer at Edwards AFB, CA.

Current CEED Students

Cameron Maiden and Mathew Rodriguez Second Year Electrical Engineering Transfers

Both Cameron and Mathew are happy they chose UCLA. Cameron says, "Initially, I didn't know much about UCLA but when I found out I got accepted I immediately got a feeling that it was an opportunity as a first generation college student that I couldn't pass up." Mathew says, "BREES gave me the head start and push I needed to start a successful first year here at UCLA." Cameron and Mathew were successful in their first quarter of electrical engineering classes, obtaining higher GPAs than their classmates because of their participation in BREES. They also were able to join research labs or technical projects on campus to enhance their resume and talk to professionals in their field. Both reflect on their experience meeting new people, as Cameron says, "CEED allowed me to easily meet some of my best friends that support me through my courses as well life outside of class." Contributing to CEED, Mathew concludes "Without CEED I doubt I'd be as involved as I am today."



Cameron Maiden



Mathew Rodriguez

The Tri-Org

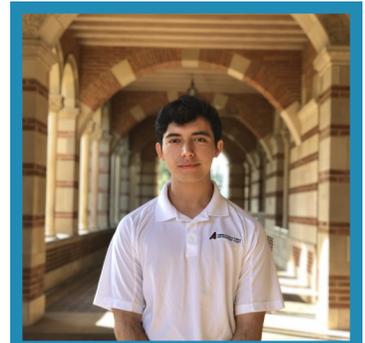
AISES, NSBE, AND SOLES WELCOME YOU AND INVITE YOU TO JOIN THE FAMILY.

*Jorge De Dios Suarez, American Indian Science and Engineering Society (AISES) President;
Daniel Ferguson, National Society of Black Engineers (NSBE) President;
Andy Muratalla, Society of Latino Engineers and Scientists (SOLES) President*

A Message From The Presidents

*Congratulations on your acceptance to UCLA!
=] We hope that you consider attending UCLA and will join CEED and the Tri-Org (AISES, NSBE, SOLES) in the fall. CEED, AISES, NSBE, and SOLES are committed to increasing the number of underrepresented minority students in the sciences and engineering. Being part of these organizations, you are exposed to many great opportunities including: peer mentorship, student center resources, professional development events, academic excellence workshops, and an extensive industry network. Throughout the year, we also attend several national conferences, career fairs,*

social gatherings, and community programs. But more than anything else, CEED and the Tri-Org create an environment for our students to learn and grow together. You won't find another group of students as close-knit as we are, and when you join us, you join brothers and sisters who are committed to helping one another succeed at UCLA. With all that in mind, we'd really just like to say, "Welcome to UCLA. Welcome to our Family."



Important Dates:

- The deadline to SIR is **June 1st!**
- CEED Transfer Orientation Program will be in early August, with UCLA Transfer Orientation Following.

Scholarships: *CEED has scholarships available if you are eligible.*

- Scholarship applications will be sent out before the school year begins.

Center for Excellence in Engineering and Diversity (CEED)

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