CEED MISSION

Since 1983, the Center for Excellence in Engineering and Diversity (CEED) has been working with a community of partners to ensure equity and parity in the K-20 pathways that lead to engineering and computing degrees.

CEED is committed to increasing the number of students from underrepresented communities in engineering schools and in the high-tech workforce.

CEED's undergraduate retention approach offers numerous programs and services that focus on:
- Academic Support
- Financial Support
- Learning Communities
- Professional Development
- Quarterly Counseling
- Retention

With funding from corporate and private supporters, the University, alumni, and the National Science Foundation, CEED supports its students by providing the resources needed to build a peer-supportive academic learning community where students can work together toward excellence.

CEED also serves as the advisor for three engineering student organizations.

American Indian Science and Engineering Society (AISES)

National Society of Black Engineers (NSBE)

Society of Latinx Engineers and Scientists (SOLES)
INDUSTRY ADVISORY BOARD

The CEED Industry Advisory Board (IAB) consists of leading companies who support the CEED vision and mission and contribute to its various programs. The financial contributions and professional support from our CEED IAB members help prepare students academically and professionally to succeed in their chosen careers.

Industry Advisory Board (IAB) Membership Benefits

- Members have priority access to CEED professional development (PD) programs that offer opportunity for coaching, career planning and talent acquisition.
- Provide high-quality interactions and build long-term relationships between IAB members and high-achieving underrepresented engineering students
- IAB members have a unique opportunity to establish their company brand across CEED’s freshmen to graduate level engineering and computing community
- IAB members work directly with CEED student organizations - American Indian Science of Engineering Society (AISES), National Society of Black Engineers (NSBE), and Society of Latino Engineers and Scientists (SOLES) - to help develop leadership talent.

To join the UCLA CEED Industry Advisory Board

- Contribute an annual IAB Membership at one of the sponsorship levels indicated below to support the UCLA CEED programs
- Designate up to 2 industry representatives to serve on the board
- Attend the Annual IAB Planning and Student Leadership Conference (August) and the Fall (November), Winter (January) and Spring (April) quarterly meetings
# CEED IAB MEMBERSHIP

## TIER 1: $10,000+

- **Professional Development Events**
  - Corporate Gamesmanship
  - Corporate Round Table (2 reps)
  - Resume Critique
  - Scholarship Banquet (2 reps)

- **Academic Support Programs**
  - Critical Transition Programs
  - Core Retention Programs

- **CEED IAB Events**
  - IAB Meetings
  - IAB Planning Conference* (1 rep)

- **Student Scholarships**

- **Other**
  - Logo on CEED website & IAB literature
  - General CEED Operations
  - Company Swag - CEED & Student Orgs

## TIER 2: $7,500 - $9,999

- **Professional Development Events**
  - Corporate Gamesmanship
  - Corporate Round Table (2 reps)
  - Resume Critique

- **Academic Support Programs**
  - Critical Transition Programs

- **CEED IAB Events**
  - IAB Meetings
  - IAB Planning Registration* (1 rep)

- **Other**
  - Logo on CEED website & IAB literature
  - General CEED Operations

## TIER 3: $5,000 - $7,499

- **Professional Development Events**
  - Corporate Gamesmanship
  - Corporate Round Table (2 reps)
  - Resume Critique

- **CEED IAB Events**
  - IAB Meetings
  - IAB Planning Registration* (1 rep)

- **Other**
  - Logo on CEED website & IAB literature
  - General CEED Operations

*This includes the cost of one conference registration. The company rep is responsible for hotel and travel costs.
CEED IAB MEMBERSHIP

If you are unable to support the CEED Program as an IAB Member, you can support individual events and programs.

Individual Events and Programs
Resume Workshop - 2 company reps; sponsor lunch or dinner
Resume Critique - No Cost; Company rep participation
Interviewing Techniques - No Cost; Company rep participation
*Corporate Gamesmanship - $550 per company
*Corporate Round Table - $750/table with 2 reps
*Scholarship Banquet - $950/table with 2 reps
Student Scholarships - Amount determined by company
Academic Support Programs - $2500+

*Indicated cost are for in person events. Cost reduced for virtual events

For more information or to schedule a meeting, contact Catherine Douglas at ceed@seas.ucla.edu
CEED STUDENTS

CEED supported 367 undergraduate and graduate students in the 2020-2021 school year. The students supported by CEED have access to many resources and programs that help them succeed.

"CEED has been a huge help throughout my college journey. I participated in Summer Bridge and CISE which gave me a chance to prepare for my math and computer science courses, and throughout the year with tutoring and counseling. I also attended Structured Study Nights where I studied with my peers and tutors to prepare for midterms and finals. These resources are now more than ever beneficial during online schooling. CEED is making sure I have the support and tools I need to succeed during this challenging year."

Itohan Ero, 2nd Year
Computer Science Student

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CEED STUDENT DEMOGRAPHIC

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**TOTALS**

|               | 30 | 21 | 47 | 19 | 38 | 17 | 23 | 5 | 57 | 15 | 43 | 18 | 230 | 94 | 1 | 333 |

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37%*
CEED continuing students with GPA of 3.5+

3.33*
Avg. cumulative GPA of 254 continuing CEED students

*based on CEED student data up to summer 2020
CEED PROGRAMS

Critical Transition Programs

- **Summer Bridge**
  - Two-week summer program to prepare freshman for the rigorous calculus and chemistry curricula and engage them in the CEED Community.

- **Summer BREES**
  - Two-week summer program to welcome transfer students into the CEED community and prepare them and continuing students for upper-division core engineering courses.

- **CISE Program**
  - Three-week intensive computer science course to prepare freshman and transfer computer science and electrical engineering majors for the introductory computer science course.

Core Retention Programs

- **Freshman Engineering Research Course**
  - Fall quarter course to expose and engage students in engineering research.

- **Academic Excellence Workshops**
  - Collaborative problem-solving workshops offered 2 times per week in the key math and science courses.

- **Weekly Structured Study Nights**
  - Two-hour study session with tutors for various classes available to provide assistance in math, science and core engineering courses.

- **Private Tutoring**
  - Private tutoring sessions for students having difficulty in specific classes and weekly tutoring is not enough.

- **Quarterly Counseling**
  - Students meet each quarter with the counselor for academic, professional and personal counseling.
  - Students are clustered in classes allowing them to form instant study groups and support each other in classes.
CEED EVENTS*

Professional Development

- **Resume Workshop - September** (usually 1st or 2nd Week in Sept)
  - Representatives from industry present and assist incoming freshman and transfer students with crafting their resume. Hosted by 1-2 company reps

- **Resume Critique - October** (usually 1st week in Oct.)
  - Students meet one-on-one with company representatives to refresh and tailor their resumes and get valuable information on how to best present themselves.

- **Interviewing Techniques - October** (usually 2nd week in Oct.)
  - Workshop designed to help students become successful at interviewing. Hosted by 1-2 company reps

- **Corporate Gamesmanship Fair - October** (usually 3rd week in Oct.)
  - Event designed to prepare students for the annual Engineering and Technical Career Fair that consists of several different components:  
    - Information Session
    - Interviews: Real & Mock
    - Professional Development Workshops

- **Scholarship Banquet - November** (usually during 2nd week of Nov.)
  - Support of industry in scholarships or presence to help CEED recognize scholarship recipients. Offers industry the opportunity to interact with and motivate the high achieving upcoming generation of scholars.

- **Corporate Round Table - January** (usually during 3rd Week of Jan)
  - Event designed to maximize interactions between corporate representatives and over 100 CEED students.

*CEED IAB members will be sent the academic year calendar with the specific event dates in August each year*
CEED EVENTS*

Industry Advisory Board Events

- **IAB Planning and Student Leadership Conference** (2nd Week August)
  - Conference addresses the accomplishments, challenges, and needs of the program and draft the action plans needed to meet those challenges during the academic year.
  - Student organizations present their event and outreach calendar for upcoming academic year
  - CEED Staff, Industry representatives, and executive board members of AISES, NSBE, and SOLES participate in the meeting.

- **Fall CEED IAB Meeting**
  - Held on the same day and 2 hrs before Scholarship Banquet.
  - CEED staff provides a summary of students performance during the Critical Transition Programs
  - Student Organizations provide an update on their community building and outreach events.

- **Winter CEED IAB Meeting**
  - Held on the same day and 2 hrs before the Corporate Round Table
  - CEED staff provide information on new freshman and transfer student performance during the Fall Quarter

- **Spring IAB Meeting**
  - Usually held during the second week of April and a company site in the Los Angeles.
  - Plan recruitment events for prospective students
  - Pre-Planning for CEED IAB Planning and Leadership Conference
  - Student Organizations provide update on new Executive Boards and progress on outreach and events.

*CEED IAB members will be sent the academic year calendar with the specific event dates in August each year*
Arnold Hackett, serves as the Chief Financial Officer of Metrolink. He has worked in support of the CEED Program for over 10 years and currently serves as the President of the CEED Industry Advisory Board (IAB). In this capacity, he helps to develop the goals of the CEED Industry Advisory Board, assist with recruiting CEED IAB members, champions the CEED Program and supports CEED Professional Development events. He is also a member of the Samueli Engineering Dean's Corporate Advisory Board.

CEED IAB COMPANIES

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To find out more about the program
check out the UCLA CEED social media sites

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