



Inclusive Engineering
Consortium



2022–2023

IEC CORPORATE MEMBERSHIP

Serving as One to Advance a
Diverse Engineering Workforce

www.iec.org

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ABOUT THE IEC

The Inclusive Engineering Consortium (IEC) is a minority serving non-profit organization dedicated to bringing together academia, industry and government to advance education, research and careers in electrical and computer engineering.

We bring together Historically Black Colleges and Universities (HBCUs), Hispanic Serving Institutions (HSIs) and Tribal Colleges and Universities (TCUs) and partner them with corporations for initiatives such as workforce and curriculum development, grant proposals, research projects, programs and more!



**Inclusive Engineering
Consortium**

The IEC is focused on equipping a diverse workforce for the future by better leveraging the talents and resources of Minority Serving Institutions and improving graduation rates of minorities in engineering.

ABOUT THE IEC

FOSTERING COLLABORATIONS WITH THE ECE COMMUNITY

The IEC partners with academia, industry and government to further progress in developing a diverse ECE community. Areas of mutual interest include the need to:

- Foster academic-industry collaboration through synergistic programs and initiatives
- Advance education, research and careers in the fields of electrical engineering, computer engineering and related disciplines
- Catalyze professional development, diversity and effective learning experience for students, staff and faculty
- Provide a forum and the necessary infrastructure for ECE departments to exchange information and ideas for improving the quality and effectiveness of ECE education and research



IEC BOARD OF DIRECTORS



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HISTORICALLY BLACK COLLEGES & UNIVERSITIES



HISPANIC SERVING INSTITUTIONS



TRIBAL COLLEGES & UNIVERSITIES



IEC ACADEMIC MEMBERS

AFFILIATE MEMBERS



IEC: THE ENGINEERING SUPER DEPARTMENT

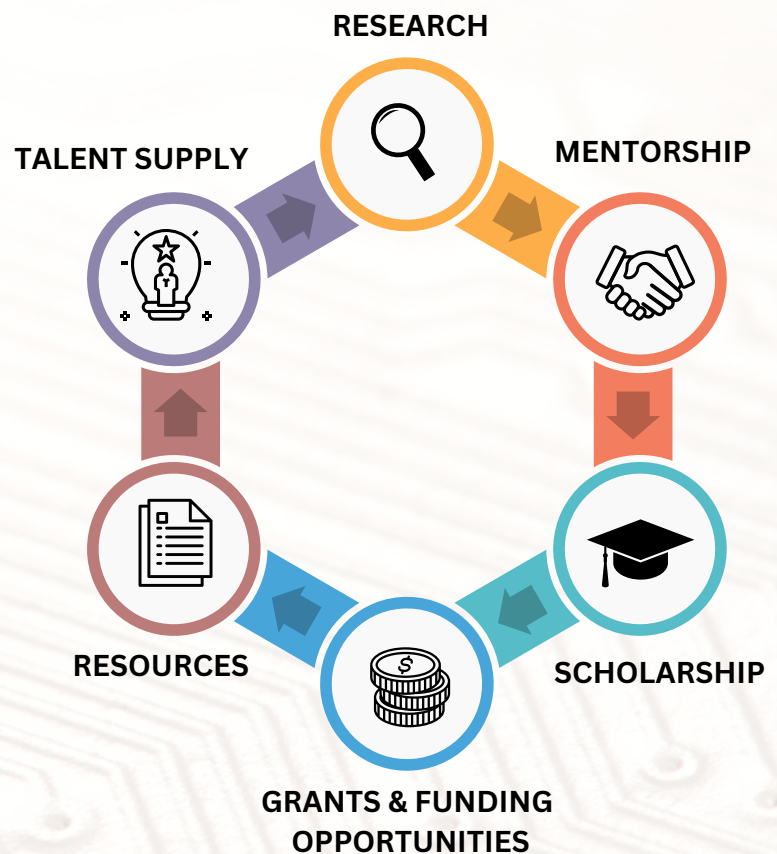
FOSTERING COLLABORATIONS WITH THE ECE COMMUNITY

The IEC provides a direct pipeline for industry to engage with a wide diversity of students and faculty.

The IEC's unique "Super Department" model brings ECE focused Minority Serving Institutions together to provide industry leaders with efficient access to student and faculty talent.

Our collaborative approach makes it easier for corporations to work with a large number of diverse ECE students and faculty from leading Historically Black Colleges and Universities (HBCUs), Hispanic Serving Institutions (HSIs), and Tribal Colleges and Universities (TCUs).

We align with key players from industry, large academic institutions, government, and non-profit institutions to foster equitable partnerships designed to advance students from underrepresented populations and to address the critical need for a more diversified ECE workforce.



IEC COMMUNITY

IEC member schools are among the top producers of African American, Hispanic, and Indigenous engineers in the United States.

IEC's dedicated database comprises professionals serving the underrepresented minority engineering community, including the following segments:

- **Current academic faculty and staff members**
- **Graduate students**
- **Industry professionals**
- **Government representatives**
- **Chief diversity officers and diversity leaders**

IEC PARTNERS



The Inclusive Engineering Foundation (IEF) has been established to enhance the efforts of the IEC by guiding, supporting, and funding significant programmatic activities to advance engineering education and research, with an emphasis on Minority Serving Institutions.



The National Science Foundation (NSF) has been instrumental in the establishment of the IEC through a series of funded programs and activities. Through NSF's continued support and collaboration, the IEC continues to develop educational programs and workshops critical in cultivating the IEC community.

IEC PROGRAMS

The IEC produces multiple events throughout the year, bringing the ECE community together through online education and in-person programming. Corporate members are invited to participate and speak at these events.



EquiTECH is a dedicated Diversity, Equity, and Inclusion (DEI) conference designed to promote DEI within the tech ecosystem, in turn benefiting industry, ECE faculty, and the underrepresented minority students they serve.

ARPELS WORKSHOP SERIES

Anti-Racist Practice in Engineering: Exploring, Learning & Solutions (ARPELS)

The IEC's Anti-Racism Practice in Engineering Workshop Series is intended to nurture an understanding of personal and institutional biases and inequitable practices and how they affect underrepresented minorities, including faculty and students in ECE.

IEC Catalyst WORKSHOP SERIES

IEC Catalyst Workshops bring together MSIs, PWIs, and Industry partners to discuss strategies, research opportunities, and establish equitable partnerships that address emerging technologies and research opportunities.

IEC Member SYMPOSIUM

The IEC Member Symposium takes place at the ECEDHA Annual Conference and ECExpo and brings together its Core, Affiliate, and Corporate Members for in-depth discussions to foster equitable partnerships.

IEC-IEF INITIATIVES

The IEC, in conjunction with the Inclusive Engineering Foundation, has established dedicated initiatives to foster a more diverse and inclusive engineering workforce.



Facilitated Transition from 2-Year to 4-Year Engineering Studies

Pathways from Community Colleges to Historically Black Colleges & Universities, Hispanic Serving Institutions, and Tribal Colleges & Universities.

The IEC 2to4 Program's purpose is to create a clear, informed pathway to an engineering degree and career for students interested in ECE if starting in 2-year educational programs. During their academic journey in completing a 4-year degree, students will be guided by educational and professional workshops, academic and peer mentoring support, and internship opportunities.



IEC 2to4 leverages the IEF Pathways to Success program: A multi-step program designed to give minority undergraduate students the tools they need to transition successfully into the ECE industry.

STUDENT BENEFITS

PROFESSIONAL DEVELOPMENT

- Leadership
- Teamwork
- Communication
- Career Planning

ACTIVE ENGAGEMENT

- Ambassadors
- Peer Mentors
- Student Organization Liaison

FINANCIAL SUPPORT

- Scholarships
- Summer Internships
- Academic Year Stipends

TRANSITION SUPPORT

- Transfer Portal
- Academic Advisors
- Peer Networking
- Supplemental Resources
- Community Engagement



The IEC 2to4 Program is made possible by the generous support of the U.S. Department of Defense Research and Development division and the DoD STEM Community College Consortium award.

GRANT AWARD NUMBER: HQ00342220006



IEC-IEF INITIATIVES

PATHWAYS TO SUCCESS



The IEF's Pathways to Success program gives students the tools they need to transition successfully into the ECE industry. This multi-step program creates an encouraging environment of assistance through a summer internship, mentorship, and a variety of educational workshops.

Pathways to Success complements the *IEC 2to4 program* which facilitates the transition from 2-year to 4-year engineering studies. It is a collaboration of Minority Serving Institutions (MSIs) working as one to advance the ECE Enterprise.



CORPORATE INTERNSHIP

The Program assists students in obtaining internships at highly reputable corporations, giving students experience that will aid them in finding full-time positions upon graduation.



PEER-TO-PEER MENTORING

This personal link gives students the opportunity to align with other high-caliber students who have experienced similar challenges and overcame them successfully.



PROFESSIONAL GROWTH SERIES

All program participants will receive additional education and soft skills training from subject matter experts for leadership opportunities and job readiness.



INDUSTRY MENTORS

During the students' 4th year, they are paired with early-career industry mentors who provide students with critical connections and support systems during their transition to industry.



The IEF is dedicated to increasing diversity in engineering by fostering programs that increase the quantity and preparedness of underrepresented minority graduates in engineering fields with an added emphasis on gender diversity.

CORPORATE PARTNERS



IEC CORPORATE MEMBERS



IEC Corporate Members help to Establish ECE Industry Priorities

MEMBER BENEFITS

- **Shape the Direction of ECE Workforce Readiness** through access to working groups research opportunities, and a pool of talented minority graduates
- **Build Personal Relationships** by networking with colleagues from different backgrounds at IEC programs, workshops, and events
- **Gain visibility** and be seen as a diversity thought leader among your peers
- **Access to Invitation-Only Events:** Participate in exclusive IEC Corporate Member programs
- **Develop Partnerships** with minority talent/programs

IEC CORPORATE MEMBERSHIP

IEC CORPORATE MEMBERSHIP

Membership Fee: \$5,000

IEC's Corporate Membership Program provides your company with an unparalleled opportunity to have access to and collaborate with a vital constituency while influencing the future of inclusion and diversity within the electrical and computer engineering enterprise.

The following benefits are available to IEC Corporate Members:

MARKETING

- Prominent recognition as an IEC Corporate Member
- Corporate membership profile on the IEC website
- Ability to include corporate content in the *IEC Weekly Brief*
- Opportunity to submit articles in the *IEC Exchange* eNewsletter
- Listing in the IEC Annual Report

MEMBER ACCESS BENEFITS

- Access to all IEC programs and events, including exclusive by-invitation-only Member Meetings
- Opportunity to participate and present in IEC Programs
- Opportunity to post IEC Job Postings on the IEC website

PROGRAM RECOGNITION

- Recognition as an IEC Corporate Member during IEC programs and events

For more information, or to become an IEC Corporate Member, contact **Tymia Wilson** at twilson@iec.org or 443-418-2658.

CONTACT

Tymia Wilson

Director of Corporate Relations

twilson@iec.org

443-418-2658



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