



PREPARED BY:



IPCEF.ORG

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IPC EDUCATION FOUNDATION

VISION

Developing a pipeline of new talent entering the electronics industry.

MISSION

The IPC Education Foundation creates AWARENESS of the careers the electronics manufacturing industry has to offer and promote opportunities to students in high school and technical college/university by providing them ACCESS to knowledge and content and CONNECTIONS with people and companies.



**Joe O'Neil, Chairman of the
IPC Education Foundation**

"For years, workforce development, training, and availability have been among the most pressing concerns for leaders in companies throughout the electronics supply chain," said Joe O'Neil, Chairman of the IPC Education Foundation, "Through its efforts to provide access to crucial information and resources for career development, as well as connecting students with industry professionals and companies, the IPC Education Foundation is addressing these issues head-on and working to ensure that the industry has a highly-skilled and motivated workforce that is prepared to meet the evolving needs of the industry."



AWARDED \$65,000 IN IPC SCHOLARSHIPS & AWARDS

\$36,000

IPC MEMBER SCHOLARSHIPS

Recognized 36 student members with a \$1,000 scholarship and 1 student members with a \$2,000 scholarship. IPC Student Members were awarded from the following IPC Student Chapters: Auburn University, Michigan Tech, Texas Tech University, UC Irvine, University of Utah, Valparaiso University, and Western Piedmont Community College.

\$10,000

IPC STUDENT LEADERSHIP AWARDS

Awarded 10 IPC Student Leadership Awards to IPC Student Chapter leaders

\$1,000

MICHAEL CARANO TEACHER EXCELLENCE AWARD

Granted this award to Dan White - Assistant Professor of Electrical and Computer Engineering at Valparaiso University

\$10,000

EMERGING ENGINEER APPRENTICES

IPCEF provides to the Emerging Engineers Apprentices to cover their expenses to experience IPC APEX EXPO

\$8,000

IPC APEX EXPO STEM EVENT PARTICIPANTS

IPC will be awarding \$1,000 scholarships to 8 participating high schools attending the IPC APEX STEM Outreach Event in 2023

IPC APEX EXPO STEM OUTREACH EVENT 2023

Brought to you by: 

The IPC Education Foundation hosted our largest event with over **500 students** in the San Diego area to improve awareness of the manufacturing industry.

Students participated in the following:

STEM Breakfast - Sponsored by MagicRay

Design Track - Sponsored by Altium

Soldering Activity - Sponsored by Weller

Career Panel Discussion and Lunch -

Sponsored by Heller Industries

Round Table Discussion - Sponsored by CAES

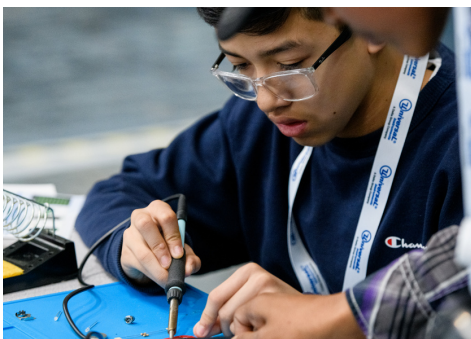
Altium

Weller

MAGICRAY

HELLER
INDUSTRIES

CAES PIONEERING
ADVANCED
ELECTRONICS



27% increase in students' decision-making to consider careers in electronics manufacturing after attending event.

For an in-depth overview: Pages 98-110 available [here](#)



The IPC Student Chapter Program is active in over 50 universities and colleges nationwide. These chapters host events during the school year to learn about the electronics industry.

IPC Student Chapter at Auburn University

The first success was an IPC seminar organized on Wire-harness. We invited Ms. Jackie Perry from John Hopkins Applied Physics lab where she talked about wire-harness challenges of the Mars Rover Project. It was highly attended and opened new opportunities for prospective students. The second event we organized was an IPC tabling event for the college of engineering where new undergrad and prospective undergrad students came, where we highlighted various aspects of printed electronics. The third event we had was Solder-Seminar With Jasbir Bath where new novel materials were discussed. I have represented the Auburn chapter as a Panel speaker for the IPC Student Chapter Showcase, where we discussed the various new events Auburn chapter is planning to host. I also organized an informal discussion with Ms. Charlene Gunter, on how to improve the IPC job board and have honest discussions with the job search challenges of International Students” – Chapter President, Padma Choudhury





IPC STUDENT ENGAGEMENT



IPC Student Board Liaison Officer

Henry Crandall served as the IPC Board of Directors Student Member Liaison in 2023! He is currently pursuing a PhD degree in Electrical Engineering and is the co-founder of the University of Utah chapter.

[Watch our interview with Henry Crandall](#)

IPC Emerging Engineer Students



Hannah Nelson
Valparaiso University



Henry Crandall
University of Utah



Palash Vyas
Auburn University



Dylan Grace
Valparaiso University



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172,000+

VIEWS ON IPCEF.ORG

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VIEWS ON OTHER PLATFORMS

18,000+

VIEWS ON CAREERSINELECTRONICS.COM

