

STUDENT CHAPTER AWARD

PURDUE UNIVERSITY STUDENT CHAPTER OF ITE



Congratulations to the Purdue University Student Chapter of ITE for being selected to receive the 2022 Student Chapter Award.

ITE's 150+ chartered Student Chapters offer students a chance to begin to create their networks, develop leadership skills, and launch their careers. The connection between a Student Chapter and local professionals is key to both the experience of the student member and the growth of ITE. The Student Chapter award recognizes a chapter that has provided an exemplary experience for its members with robust programming and outstanding administration.

Following are some highlights of the Purdue University Student Chapter of ITE's programming:

- 68 meetings were held, 33 of which were general body meetings, and 35 of which were executive board meetings.
- Education and networking sessions, including an ITE Indiana dinner/ITE Posters showcase event; an Elevator Pitch Event with Indiana ITE where students presented their research-outcomes in one minute; guest lectures; a coffee social at nearby hotel where students and faculty members joined for friendly conversation with coffee and cookies.
- The chapter developed and taught "Developing Tomorrow's Infrastructure: An Introduction to Civil Engineering" summer course for high school students, exposing them to the benefits connected and automated vehicles will have in terms of safety, roadway capacities, and environmental emissions. Members also tutored K-12 students from disadvantaged backgrounds on a weekly basis.
- Chapter members and faculty advisor Dr. Darcy Bullock wrote "Using Connected Vehicle Data for Assessing Electric Vehicle Charging Infrastructure Usage and Investment Opportunities" for the March 2022 *ITE Journal*. The paper discussed the use of connected vehicle data towards assessing electric and hybrid vehicle charging infrastructure usage and how stakeholders could utilize this data towards infrastructure investment decision making. Additionally, chapter members authored or coauthored 47 academic journal publications.
- A technical tour of the Subaru of Indiana Plant with an INDOT research section manager and a visit to the May Mobility's pilot program.
- The chapter members participated in an Adopt-a-road clean-up near campus.

Congratulations to the members of the Purdue University Student Chapter for this achievement!