

## **PI TAU SIGMA OUTSTANDING AWARDS**

Cooper Union Pi Phi

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This year, Cooper Union Pi Phi hosted many events and activities that exemplify its commitment to both the local community and the Cooper Union community. The chapter held two inductions and inducted 15 new members. It sent two members to the National Convention at Drexel University.

Cooper Union Pi Phi organized and hosted at least 5 STEM days. During the STEM days, high school students from LaSalle Academy, William McKinley IS259, Cathedral High School, Fieldson Ethical Cultural School, and The Chapin School took a tour of Cooper Union's engineering building and participated in various activities that engaged the students in engineering problem solving. The activities were taught by members of Pi Tau Sigma and other student volunteers from the Cooper Union. These students took time out of their busy schedules during the semester, as well as during spring breaks to come back to Cooper Union to teach. Over the course of these days, Cooper Union Pi Phi managed approximately 15 volunteers and 70 students.

Cooper Union Pi Phi members also took time out of their busy schedules to run the Saturday STEM program. Throughout the 10-week program, 16 underprivileged high school students spent 5 hours on Saturdays at the Cooper Union learning about microcontrollers, coding, CAD, 3D printing, and problem solving. Cooper Union Pi Phi was in charge of creating the curriculum for the program and finding students within Cooper Union's student body to teach each Saturday. Many of the teachers, assistants, and laboratory operators were Pi Tau Sigma members. The program was a success! Many of the high school students wanted to come back next year to learn more about STEM.

In addition to giving back to the local community, the chapter found ways to give back to the Cooper Union community. One activity the Cooper Union Pi Phi hosted was a Fundamentals of Engineering "Questions of the Week" review. Each week the chapter sent out FE review questions to students who had expressed interest in studying for the test. The following week, the chapter would send out solutions to the previous week's questions. Participants were asked to submit their answers and the student who answered the most questions correctly received a prize.