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 nine new members. It sent four members to the National Convention at the University of Southern California in Los Angeles.

Cooper Union Pi Phi organized and hosted 7 STEM days. During the STEM days, high school students from LaSalle Academy and middle school students from Islip Middle School and the Metropolitan Expeditionary Learning School took a tour of Cooper Union's engineering building and participated in various activities. The activities were taught by members of Pi Tau Sigma, Cooper's Will, and Omega Chi Epsilon. These students took time out of their winter and spring breaks to come back to Cooper Union to teach. Over the course of these 7 days, Cooper Union Pi Phi managed approximately 18 volunteers and 135 students.

Cooper Union Pi Phi members also took time out of their busy schedules during the school year to give tours to high school students from Grace Church School. The tour included stops at the Maker Space, home to Cooper Union's newest 3D printers, the anechoic chamber, and the Formula SAE lab.

Furthermore, four Cooper Union Pi Phi members traveled over an hour to the Bronx to run a STEM night at ICAHN, a charter school. Members talked to the elementary students about engineering and worked with the students and their parents to build mousetrap powered race cars. There were approximately 20 ICAHN students in attendance.

One Cooper Union Pi Phi member also made the one-hour journey from Manhattan to Queens to talk to students at PS122 about engineering. She brought two robots she had built to demonstrate what engineers can do.

Cooper Union Pi Phi's biggest accomplishment this year was the creation of 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, and 3D printing. 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 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.