2018-2019

Rochester Delta Pi

A. Initiations

We held 2 initiations, one on December 7th, 2018 and one on April 19th, 2019. In the fall, we initiated 7 new members, and, in the Spring, we initiated 9 new members. In addition to sanding and polishing the PTS bent to a mirror finish, initiates must obtain consenting signatures from all RIT ME professors. After the initiation photograph, we traveled to MacGregors. There, initiates, current members, and ME faculty networked over dinner.

B. Chapter Activities

This year, the Rochester Delta Pi Chapter continued with many of its annual events to benefit our members, our department, and the greater community. As in years past, our members volunteered at RIT's career fair both semesters, which involved helping staff set up employer booths and helping recruiters unload their materials. Our volunteer work allows recruiters to prepare for the event and our members to network and enhance RIT's reputation. We also continued with our involvement in the department with our student-led tutoring sessions in Engineering Mechanics, Statics, Thermodynamics, Fluid Mechanics, and Dynamics. Before each of the ten core MECE midterms, our chapter hosts review sessions. The sessions last two hours where students can walk in, ask questions, and receive additional practice. Twenty unique members volunteered to help run at least one of the sessions. This year, the range of students attending was between nine and eighteen for each of the sessions.

For the 4th year in a row, our chapter also hosted a booth at ImagineRIT, which is a campus-wide event open to the public. Booths include student projects, faculty research, and STEM-related education. Our booth is "6 Life-Sized Simple Machines", which includes pulleys, wedge, inclined plane and friction, lever and fulcrum, the wheel and axle, and a screw. We presented history on each machine and allowed hundreds of local children to experience the mechanical advantage of each one. All six machines were built by our members and updated this year. Members volunteered from 9:00 until 5:00. Our table was one of 438 booths this year, all with the purpose to educate and excite local families about STEM fields.

In order to offset the cost of attending the national convention, hosting social events, and running a booth in ImagineRIT, our chapter expanded upon the fundraising campaign set up last year. This past Spring, we completed our third annual dodgeball tournament. This tournament was completely organized by PTS. The RIT club dodge ball team helped referee the games. Our members participated in various roles including refereeing games, contacting sponsors, organizing logistics, and even playing on a PTS team. Anyone from RIT was invited and we specifically encouraged professors to participate in the event. We had a full mechanical engineering faculty team, as well as a dozen student teams. We successfully involved local businesses as sponsors for the prizes, allowing the top two teams to be awarded gift cards. We increased the frequency of our pizza sales and set up fundraisers with local restaurants where we

receive a percentage of each bill. These strategies have helped continue our normal operation while beginning to save for our hosting of the convention in 2020.

To wrap up the year, we continued our tradition of holding the annual PTS Senior Pig Roast. We use a custom recipe to dry rub over 100-lbs of pork shoulder and then stay awake overnight to monitor the pork smokers. Through the night, members socialized, studied, watched movies and played video games. The pig roast serves all faculty, staff, and graduating seniors in the Mechanical Engineering department at no charge to those served. Among all these events, we had almost every active member in our chapter participate–42 in total. Additional social activities included a happy hour once a semester and a free faculty-student sporting event. This year, we played Kickball.

C. Photos

Figure 1: Dodgeball Pi Tau Sigma Team

Figure 2: Dodgeball Fall 2018 action shot.

Figure 3: Initiation Spring 2019

Figure 4: Initiation Fall 2018.