This month, NovaRacing began finalizing designs for VU12. Our greatest challenge is implementing an aero package, something we have never done before. These past few weeks, NovaRacing has welcomed new members to the team! We are so excited to teach this new generation the skills they’ll need to excel in Formula SAE. If you are interested in joining the team, come visit us in the garage located behind CEER or contact us at villanovafsaev@villanova.edu!
**AIAA**

This month we worked in coordination with the Villanova CubeSat Club and Villanova's Astronomy Club in order to host a watch party of NASA's Space & Stem event. The watch party was a great time, and we would like to thank everyone who came out for their support. We are planning to continue hosting and co-sponsoring events throughout the year, so keep an eye out for more AIAA events in the future.

**AIChE**

This month, AIChE hosted our annual alumni networking event which was a huge success! The event was intended to provide all ChemE students with a better idea of where their degree might take them in the next few years. 16 alumni from a diverse set of career paths came to provide their insight and experiences. Both structured and open networking were followed by a catered dinner for the alumni, faculty, and AIChE board. Next month AIChE will be working to plan other fun events for chemical engineering students, so stay tuned!
In the past month, we hosted our second general body meeting, where we discussed what it is like to be a black engineering student here at Villanova, which led to productive and insightful discussion between members. We also hosted a Black Professionals Panel, where we invited professionals from the surrounding area to speak with students about their experience in the workforce. Our annual Danger Zone Summit took place at NSBE headquarters this October, and it was a great time to meet members from other chapters in the area. Following that weekend, we had the privilege of collaborating with Temple’s NSBE chapter for a networking event with Merck, where students got the chance to learn about the company and their work opportunities. We look forward to our next event, a collaborative “Taco Tuesdays” with T&M Associates, SWE, SHPE, and SASE coming up soon!
This past September, the American Society of Civil Engineers (ASCE) recently hosted two presentations. Ken Justice gave a technical presentation on airport design and airport pavement design and Lisa Ciampitti of Schnabel Engineering shared about her experiences designing dams and geotechnical projects. More informative and intriguing presentations in the upcoming months! For more updates and information, follow ASCE on Instagram @villanovaasce, or email us at asce.villanova@gmail.com.

ASME members attended a panel discussion, "A Day in the Life of an ME" hosted by Philadelphia ASME. Members were able to learn from 4 young engineers about what a career is like as an ME and were able to get feedback from these engineers on navigating the workforce. The ASME board has also planned an upcoming site visit to Boeing for members and are looking forward to Beetlebot!
In October, the Society of Hispanic Professional Engineers (SHPE) focused more on promoting diversity on and off campus. SHPE aided the College of Engineering Diversity Committee in setting up a Hispanic Heritage Month poster in the main lobby of CEER where students could indicate with a dot which Hispanic country they or their family are from. To go along with the poster, SHPE sold empanadas in the main lobby during midterms week to provide a snack to hungry and stressed students studying hard for their tests. Furthermore, two members of SHPE pictured attended a Boeing site visit at the Ridley Park, PA factory outside of Philadelphia, where they met multiple Hispanic employees working in Boeing and observed Chinook helicopter production and their wind tunnel testing facility. Future events include a table at Special Olympics and participation in NovaCANE trips to CCATE. Learn more about our events and join SHPE by emailing villanovashpe@gmail.com.
**ChemE Car**

Chem-E-Car has made lots of progress and we have created a working mechanism for both starting and stopping the car. We are now working on 3D printing a chassis so hopefully we will have a fully functioning car very soon. Also, we were able to show off our finished batteries to middle schoolers attending an engineering fair. We hope that this may encourage these young kids to learn more about engineering and continue to engage in the sciences.

**IEEE**

IEEE hopes everyone had a relaxing Fall Break and is ready to kick off the rest of the semester with some exciting events! So far, IEEE has offered professional development opportunities to the students of Villanova by hosting events such as the career and internship meet up as well as a fascinating lecture given by Dr. Hai of Center for Computational Evolutionary Intelligence at Duke University. After fall break, the exec board attended a conference with the other IEEE chapters in the area to brainstorm and share their ideas on how to make this year the best for our members. Want to learn how to solder? IEEE is hosting the first soldering workshop of the semester on November 1st! Check your email because IEEE offers Career Compass approved events! If you want to become a member or IEEE, join us on VU groups!
ITE

This October, ITE had its first networking event of the semester. It was a successful event with students from all grades and engineering disciplines. We hope all the attendees had a wonderful time speaking with and learning from the professionals. We are very thankful for all the professionals from Pennoni, JMT, and Bentley who attended. More professional events will be held in the future including a field trip to a transportation company this semester. Email us at ite.villanova@gmail.com for any questions and to find out more about upcoming events.

NOVACANE

NovaCANE held its first site visit to St. Martin of Tours school where NovaCANE members instructed the middle school students making "Pumpkin Launchers". Through this project, students were able to learn about mechanical engineering with hands-on building. More site visits are planned for the second half of the semester as well as the beginning of the curriculum committee meetings. Additionally, NovaCANE members are looking forward to hosting a booth in O-Town for SpO!
The CEER PEERs have been continuing to assist the freshmen with their transition to college by providing guidance and tutoring. Additionally, during Villanova's Day of Service multiple members of the organization volunteered to assist the Augustinian Defenders of the Rights of the Poor. This coming week PEERs will be holding our fall ice cream social where we'll provide advice and assistance to underclassmen regarding registration.
Pi Tau Sigma

Pi Tau Sigma is striving to help Mechanical Engineering students by offering tutoring and volunteering services as the exam season approaches. In the past, our tutoring services have helped fellow students prepare for tests and grasp the course material. PTS Tutors are available biweekly for assisting with challenging courses like Fluid Mechanics and Heat Transfer. Several tutoring requests have been fulfilled in the last couple of months. PTS Volunteers will assist with the organization and logistics of the upcoming Beetlebot competition for Sophomore Mechanical Engineering students. PTS is also collaborating with other Engineering clubs on campus to organize an Engineering formal. With finals right around the corner, the society will continue its outreach missions and spread awareness on how to contact us with tutoring or general requests.

Tau Beta Pi

This month, Tau Beta Pi sent our Vice President, Karlee Koswick, to the TBP Conference in Columbus, Ohio. She had a great experience networking with other chapter members from across the country and building her leadership skills! We are also busy holding information sessions and organizing an initiation ceremony for the new members that will take place in December!
SWE members started off the fall season with the annual trip to Linvilla orchards where attendees were able to pick apples and pumpkins, go on hayrides, and bond with each other. SWE members also celebrated the end of midterms together with free coffee and donuts before leaving for fall break. Members attended a hot yoga session with Bulldog yoga where they got to learn more about yoga while bonding with each other. SWE looks forward to an exciting November with the annual networking dinner and SWE's national conference, WE19!
Throughout the month of October, the Society of Asian Scientists and Engineers has had a very productive month. In early October, we hosted a Resume Review session in Old Falvey, so that members could tidy up their resumes in preparation for the SASE National Conference. The week after this resume review, 10 members went to Pittsburgh to attend the 2019 SASE National Conference. At this 3 day event, members participated in workshops, networked, and some even were offered internships or full-time positions after interviewing with company representatives. For the rest of October, SASE has other smaller events planned. Saturday, October 26th, members went to BonChon, a restaurant in Philadelphia. A Halloween fundraiser, was held on Monday after the BonChon outing. At this fundraiser, we sold cake pops and fried oreos in the Connelly Center. We collaborated with the National Society of Black Engineers for Taco Tuesday and a presentation by the company T&M. As you can see, SASE has had a very busy month, and will continue to strive for the next coming months with more events.

Omega Chi Epsilon has had a very exciting month! We inducted our 20 new inductees from the Sophomore class, and have held 5 study rooms for ChE Exams! We are looking forward to hosting a fundraiser in the upcoming months, as well as an event for all four grades of ChE’s!
It has been an exciting month for ESC! We have been working hard to great success this month. We had a “Fuel up for Midterms” event, where we “sold out” of coffee and bagels. Our current projects include the HalloMeme event in CEER on Halloween, the preparation for “Fuel up for Finals” event, and more! Stop by CEER on Halloween to win a prize and vote on the best memes, and keep your eyes peeled for our many events!
Cube Sat

The club has been busy welcoming new members with soldering exercises, tape measure antenna building, and Raspberry Pi ground station setup. We also jointly hosted a NASA livestream watch party “Space & STEM: Where Do you Fit In?” with the Villanova Student AIAA Branch and the Villanova Astronomy Club. Over fall break, three club members, Dawson Duckworth, Lauren Hurley, and Kai Ji traveled to Arlington, VA sponsored by the ECE Department for the AMSAT Space Symposium where they gave a well-received presentation on “Three College Student's Perspectives on Ham Radio and Amateur Radio Satellites”.