American Institute of Chemical Engineers (AIChe)

The American Institute of Chemical Engineers started off the semester with a Recent Alumni Networking Event! Villanova Chemical Engineering graduates from the past few years were there to give students tips for when they enter the workforce or graduate school as well as their remaining time at Villanova. This event was a great way to start the year as people were able to hear about various industries, get tips on finding internships or full time jobs, and receive advice on how to make the most out of their time at Villanova.

This year, we plan to have monthly chapter meetings where a guest speaker will come and give us a little background on their career. Our first meeting is September 30th where Dr. Richard Grenville, from Philadelphia Mixing Solutions, will speak to us.

We hope to see more students out at our meetings this year and are looking forward to being an additional resource to the chemical engineering student body!

Tau Beta Pi (TBP)

The Pennsylvania Chapter of Tau Beta Pi is excited for the new opportunities ahead this year! First, the National Society of Black Engineers (NSBE) is partnering with TBP for study hall sessions that they are holding on Tuesday, Wednesday, and Thursday nights this semester. These sessions are open to all engineering students and are very helpful for sophomores and juniors to get tutoring from people who have gone through the same engineering courses. We hope to continue outreach such as this throughout the year.

TBP is also hoping to cohost a TechGirlz event at Villanova this semester. TechGirlz is a non-profit that supports STEM outreach to middle school aged girls in the Philadelphia area. Funding is required to get background checks for volunteers.

We are also currently working on building a strong networking platform between all Villanova TBP alumni and current students through LinkedIn. Additionally, we are looking to get a few TBP alumni speakers from industry to come in and talk to students this semester. In order to push this effort along we are introducing the position of Networking Chair.

We are looking forward to all of the exciting involvement we will have this year as a chapter and look forward to the upcoming month!
In the start of the new school year, Villanova’s ASCE recruited interested members from the Fall Activities Fair. The Executive board went into Philadelphia to meet with the Younger Member Forum and other schools’ ASCE boards to discuss different events for the members as well as possible speakers to present to the students.

We have scheduled a YMF presentation for October 1st and will be reaching out to other companies for more presentations. If interested in becoming an Executive Board member (Secretary or Treasurer) please email wgordon1@villanova.edu.

ASCE has also started back up the Concrete Canoe Team. Leaders have been appointed for the mix design, hull design, construction, aesthetics and racing. If interested in joining the Concrete Canoe Team please email mclark26@villanova.edu.

The Formula SAE team competed in Michigan in May and came in 18th place! Best results ever!!

Following the team’s landmark performance at last season’s Michigan competition, where Nova Racing’s VU07 ranked 18th overall (out of 120), the team is prepared to climb to even greater heights during this coming season. The team spent the summer months designing the next vehicle, VU08, and is on track for design freeze on October 4th. This past month, the team had both an internal and alumni design review which allowed the team to validate and improve upon the exciting changes to the new vehicle. With the completion of the design phase, the team will begin the manufacturing phase, which will continue for the next several months, as a brand new vehicle is built from the ground up. For questions regarding our team, our cars, or getting involved, please feel free to contact Sofia Gizzi at sgizzi@villanova.edu.

Engineers Without Borders (EWB)

Engineers Without Borders is busy preparing for upcoming service trips over fall break to Panama, Nicaragua, and Ghana. As the trips are getting ready and new students are beginning to get involved with the organization, project teams are holding meetings to train students on important skills for site visits and getting everyone caught up with the progress on our projects. In addition to our teams traveling this fall, EWB is planning on continuing work with our projects partners in Cambodia and India in the upcoming year. To get involved or request more information on any of our projects, please contact Marissa Cucinotta or Seth Bryant at mculinot@villanova.edu or sbryant2@villanova.edu.
Steel Bridge

The Steel Bridge Team returns this semester with a large group of dedicated members, both old and new. In our first few meetings, we have welcomed new members, gone over all of the rules and regulations for this year’s competition, and have begun to plan out our schedule for the semester. We are currently in the midst of the design phase, determining the many details and specifications for our bridge. Soon we will be in the lab to test materials and connections. If you are interested in becoming a part of the team, please send an email to either spousley@villanova.edu or mscopett@villanova.edu.

Institute of Transportation Engineers (ITE)

The Institute of Transportation Engineers is looking forward to an exciting year following its semesterly recruitment night that took place on September 8th and its first professional SYNCHRO software demonstration that was led by Dr. Park in mid-September. This semester, ITE plans to incorporate an array of both fun and practical/professional activities including: hosting guest speakers from the transportation industry, engineering project presentations, field trips, and service opportunities. Overall, ITE hopes to cultivate an enthusiastic membership representing many civil engineering disciplines to highlight the variety of career and research opportunities available in the transportation engineering field.

Society of Women Engineers (SWE)

The Society of Women Engineers began the year with our first meeting, the annual Ice Cream Social. Members also got to attend a helpful crash course on Villanova’s new employment opportunity website, Handshake. We are looking forward to upcoming meetings and are very excited to be sending members to the Society of Women Engineers National Conference in October. Contact us at villano-vaswe@gmail.com, or on Facebook under the Groups at Villanova, or on Twitter and Instagram @villanovaSWE.
Eta Kappa Nu (HKN)

Eta Kappa Nu has exciting plans for the 2015-2016 academic year. Joining forces with IEEE, we’re planning on hosting events with them throughout the year to foster a love and appreciation for Electrical and Computer Engineering. HKN founder’s day is coming up the end of this October, and the ever-popular HKN bake sale is coming back! Stay tuned for more information regarding this delicious opportunity. HKN tutoring returns as well, so if you’re an ECE student looking for some extra help with your homework, stop by the HKN office on the fourth floor of Tolentine! We can’t wait for this upcoming year!

Pi Tau Sigma

Pi Tau Sigma is The National Mechanical Engineering Honors Society. At Villanova, our chapter offers tutoring to undergraduate students, specifically Mechanical Engineering sophomores and juniors. If you are seeking additional help with your coursework or have any questions about a certain subject please feel free to contact Dr. Qianhong Wu at qi-anhong.wu@villanova.edu. In addition, if you have any questions about membership and getting involved in Pi Tau Sigma please contact Lindsay Ellerthorpe at lellerth@villanova.edu.

American Institute of Aeronautics and Astronautics (AIAA)

AIAA is planning on building a remote-controlled quadcopter. Thus far, we have learned how to solder, a skill which we will need to assemble our copter. Going forward, the club plans to visit the American Helicopter Museum in West Chester, Pennsylvania, and we are currently in the process of finding speakers to meet with the club and help us learn more about Aeronautics and Astronautics. For students interested in joining the club, we meet alternating Tuesdays. For more information, about becoming a member, email club President John Coppa at jcoppa@villanova.edu.
Institute for Electrical and Electronics Engineers (IEEE)

It has been a great start of the year for IEEE:

- We have secured funding for our Sumobot competition
- A few of our members will compete at the Rowan University Sumobot competition this Friday, which is a much bigger event
- We have had over 100 new people sign up for the club (we were reestablished just last year)
- Our weekly study hours are going great!
  - Monday's 6:30pm - 8pm in the ICE Idea Accelerator in Falvey Library
  - At least 20 students each time
- We have an awesome snack selection and even dinner sometimes
- Please advertise :)
- We are in contact with multiple companies to come talk about career advice and technical workshops.

Engineering Student Council (ESC)

Engineering Student Council has been off to a great start so far this semester! We have been working to recruit new and old members to help with a multitude of events for the coming year that we are really looking forward to, including traditional ones such as the Pumpkin Drop, and some new surprising ones as well! The Executive Board has also been working very hard on delegating budgets to all the engineering school’s many organizations. We hope to see everyone out at some events this year!

Structural Engineering Association of Pennsylvania (SEA0P)

The SEA0P is still a relatively new club on campus, and is actively looking for new members to fill its executive positions. Last year, the club hosted two guest lecturers who spoke to students about different aspects of structural engineering and the different projects that they were involved in. This year, the club hopes to host more guest lecturers, and also have a career development event. This event would serve as both a chance for students to network with local structural engineering firms, and also get critiqued on their résumé and interviewing skills. If you are interested in joining the SEA0P or would like to learn more about the club and its mission, feel free to contact the club president Matt Mancini (mmancin3@villanova.edu) or the club advisor Dr. Frank Hampton (francis.hampton@villanova.edu).
**ASME**

ASME hasn’t hosted any events yet. We’re planning to host a PD event sometime next month, so students should be on the lookout as there will be pizza involved. Additionally, ASME would like to hold a full body meeting sometime in the next two weeks to gauge students’ interests and ideas regarding the organization and what can be accomplished this semester.

**International Society of Pharmaceutical Engineers (ISPE)**

ISPE will be hosting an information session with GlaxoSmithKline about their Future Leader’s Programme on campus the week of October 5th. The Future Leader’s Programme is GSK’s rotational program that gives recent graduates the opportunity to explore various job opportunities within their company. The event will be made available to all students but the information will most apply to seniors who will be graduating in May.

**National Society of Professional Engineers (NSPE)**

NSPE kicked off this school year with recruiting new members at the Fall Activities Fair. The executive board has met to introduce and welcome our new Executive Board members. NSPE will be hosting a panel of students who have taken the most recent FE Exam with the new online format. This will be an information session for all engineering students interested in taking the FE, how to register and how to prepare for the exam. Date and time TBD. If interested in being a part of NSPE please contact mclark26@villanova.edu

**National Society of Black Engineers (NSBE)**

NSBE has held its first and second general body meetings in September. The first meeting was a joint ice cream social event. For the second general body meeting, Turner Construction Company came to present the general body members a resume and professional attire workshop. This second meeting was also PD approved. NSBE has also held weekly study hall sessions in the CEER MDL, alternating the days among Tuesdays, Wednesdays, and Thursdays. Tau Beta Pi has joined NSBE for these joint study hall sessions.
With the fall 2015 semester underway, Chi Epsilon, the civil engineering honors society, is continuing to tutor underclassmen in all civil engineering courses. Classes this semester include Fundamentals of Civil Engineering, Mechanics I, and Geology for the sophomores and Fluid Mechanics, Structural Analysis, Engineering Economics, and Water and Wastewater Treatment for the junior class. Please contact Zack Wagner at zwagner@villanova.edu with any questions or to set up a tutoring meeting. Chi Epsilon members are looking forward to the upcoming school year, meeting the new freshman, and helping fellow civil engineers have a successful academic semester.

The Chem-E Car team is currently working hard in the lab on two types of reactions. The first reaction is a galvanic battery; this will be used to power the car. The second reaction is an iodine clock reaction; this reaction will be used to trip a light sensor which will stop the car. The team is gathering data on both these reactions so that they will be robust and fail proof by the time of the competition.

The CEER PEERS have kicked off the new semester by meeting with the freshmen during orientation. Since then, we have held a review session for the first EGR 1200 test and are busy preparing for the next one. In the meantime, we are busy helping out engineers during office hours. As the freshmen start their new microprojects, we hope to see lots new faces with more questions. Stop by the office during the posted hours and a PEER will be there to help with any questions!