The Steel Bridge Team is busy building our bridge at last! The steel is ordered, and we are in the lab everyday assembling our bridge. We will soon elect a new executive board, and are preparing to send 12 members to the competition at Penn State in April. To set up an office hour to learn about how to safely use the tools, or to help build the bridge, contact Matt Arnold at mar-nold3@villanova.edu. To get on the mailing list for more information about steel bridge team, contact Courtney Brown at cbrown54@villanova.edu.

Structural Engineering Association of PA (SEAoP)

SEAoP is excited to be the newest engineering club on campus. We are working hard to recruit new members and are organizing events for speakers to come talk about the profession of structural engineering. If you are interested in structural engineering or are interested in joining the Structural Engineering Association of Pennsylvania, please contact Adam Macker at amack-er@villanova.edu.

American Society of Civil Engineers (ASCE)

ASCE is currently working with SEAoP to help recruit new members and find next year's Executive Board. Upcoming we have some great speakers planned for March and April.

National Society of Professional Engineers (NSPE)

In early February, Villanova's student chapter of NSPE celebrated its third annual joint meeting with the local Valley Forge chapter. President of the National chapter of NSPE, Harve Hnatiuk came to speak about the importance of NSPE in his life and how it could affect the life of a student for the better. For more information about NSPE and the Fundamentals of Engineering exam, please feel free to contact nspe@villanova.edu. Also, if you are interested in the Order of the Engineer ceremony, please contact nspe@villanova.edu. Until next month!
Formula SAE

So far, February has been a busy and exciting month for the Villanova Formula SAE team! At the beginning of the month the team had a lot of fun showcasing last year's car, VU06, at the Philadelphia Auto Show. For VU07, Powertrain hit an exciting milestone of first engine start, and the rest of the wheel assembly came back from our sponsor MK Precision. The team would like to thank MK Precision for their service to us, Monster Tool Company for their extremely generous donation of carbide tools, and Royal Purple for their continued sponsorship. Keep an eye (and ear) out for us in Main Lot, as we hope to be driving VU07 as much as possible!

PEERS

As the freshmen start their second mini-projects, the CEER PEERS have been helping answer new questions. We are still offering help with chemistry and physics, so look for information from Gayle Doyle regarding review sessions. We enjoy seeing new faces, so feel free to stop by the office during the posted hours and a PEER will be there to help with any questions. We have just elected a new executive board and are busy planning the recruitment of new PEERS. Look out for information to come.

American Society of Mechanical Engineers (ASME)

We are pleased to announce that Thomas Hafera, a nuclear engineer with both a BWR and PWR license that worked on the Fukushima Initiative and the Nuclear Regulatory Commission, will be coming to speak at Villanova on March 19th. The event is open to all students and will serve as a PD event. Additionally, ASME has been invited to compete in the First Philadelphia University Weed Whacker Bike Race. Our team will have to create a small motorized vehicle and race against teams from various universities. The Philadelphia Student Section event for this year is a competition to build an assistive device for the elderly that will be hosted at Philadelphia University's School of Design and Engineering. This free event was on Saturday February 14th. Finally, if you are interested in a leadership position with ASME please be sure to follow the instructions in the email sent out by Gayle Doyle and apply as soon as possible.
Pi Tau Sigma

Pi Tau Sigma is The National Mechanical Engineering Honor Society. Here at Villanova, our chapter offers tutoring to undergraduate mechanical engineering students. If you would like additional help with your coursework or have questions about becoming a member please contact Matthew Fracchia, at mfracchi@villanova.edu to set up a meeting time with one of our members.

Chi Epsilon

This month, Chi Epsilon has continued its tutoring services to the junior and sophomore civil engineering students, as well as initiated 10 new members. Tutors will remain available for individual study sessions for the rest of the semester. We are also beginning the process to install a new faculty advisor, Dr Francis Hampton, as our current faculty advisor, Dr Edward Glynn, is retiring. Please feel free to contact Courtney Brown at cbrown54@villanova.edu or Zack Wagner at zwagner@villanova.edu to schedule a tutoring time or to ask any questions you may have regarding Chi Epsilon in general.

Institute of Transportation Engineers (ITE)

For the month of February the ITE club plans to host a guest speaker from the Transportation Engineering Industry. A date has not yet been set for the guest speaker, so please keep an eye on emails for further details. Also for February, the ITE Club will host a SYNCHRO demonstration lead by Club Advisor Dr. Seri Park. The demonstration was supposed to be February 17th at 5:30 P.M. in the Transportation Computer Lab in John Barry, pizza and soda will again be provided. Any questions regarding times, dates and club activities, please contact Secretary Adam Macker at amacker@villanova.edu.

NOVACANE

For the last two months, NovaCANE has had many trips to all of the schools. For the holiday season, the 6th grade Structures Groups had students build gingerbread houses and tested their abilities to withstand an earthquake on a shake table. The 7th grade Green Groups conducted activities involving Green Energy and Chemical Reactions. If you want to join NovaCANE in our February events, please email Warren Chan at wchan02@villanova.edu for more information.
Society of Women Engineers (SWE)

The Society of Women Engineers had an awesome month! With the start of the new semester, SWE has a lot of events coming up. This semester we will be having a meeting to discuss internships. There will be a representative from the career center to come to go over gono-va jobs and other resourceful tool. There will also be a student panel there with people who have had internships to talk about their experiences. Furthermore, SWE is participating in a self defense class and there will be more information to come on that. We are also looking to have a networking dinner event, similar to last year's event with Halliburton. For more info, contact us at villanovaswe@gmail.com or on Facebook under the Groups at Villanova, or on twitter at #villanovaSWE.

Chem-E Car

The Chem-E Car Team has had a great month so far. The team is continuing to work individually in three teams: the Driving team, the Stopping team, and the Chassis team. Our Stopping Reaction team has collected vital data for the Iodine clock reaction. The Stopping team is continuing to gather data to determine the longevity of the reaction for race day. The Driving team is continuing to work hard and have isolated a potential reaction and will begin testing this reaction with an electric motor. Chem-E Car has recently purchased several new motors and chemicals and hope to collaborate with the Chassis team to construct a more permanent housing for our chemical battery. Chem-E Car is continuing to gather data and is making tremendous progress!

Eta Kappa Nu (HKN)

Our freshman registration help session at the end of last semester was a huge success! Thanks to everyone who came out! The spring semester is off to a great start for HKN. The spring tutoring schedule is still in the works, but should be together in the next couple of weeks. If you’re an underclassman in search for some extra help, check the ECE Reading room on the 4th Floor of Tolentine for more info about student tutoring hours. Curious about recent developments in the Electrical and Computer Engineering world? Like our Facebook page-HKN-Villanova- for cool articles and event updates as the semester continues. We’re currently working on inducting new members, so upperclassmen ECE majors be sure to check your emails for details.

Engineers Without Borders (EWB)

Engineers Without Borders has been busy preparing for the upcoming spring break trips occurring in Panama and Nicaragua this March. In Panama, plans are in place to install a break pressure tank and continue to work with a local water system for a rural region of Panama. Additionally, the team will work on the design and construction of several chapels as part of a civil engineering structural capstone project. In Nicaragua, a team is set to continue working with Water for Waslala on water networks in the region, and several members will also continue work with the telehealth initiative in the Waslala region. For more information on Engineers Without Borders, please contact us at ewbvillanova-va@gmail.com.
National Society of Black Engineers (NSBE)

We participated as a chapter in the MLK Day of service in which we spent a day giving back to the community. It was a day used to strengthen the bond of our members as well as become productive members of society. Also, on January 15th, we held our first general body meeting of the semester. It was a chance to inform new members about all NSBE has to offer as well as update current members of upcoming events. We hosted our first study hall of the semester on January 27th, where NSBE members come to either have a quiet room to study and do homework or get help from our eldest members on any subject that they need. On January 31st many of our members helped out in the VESTED program helping Philadelphia students with some fun engineering projects. We are also planning on programming Arduinos teaching our NSBE Jr chapter the importance of computer engineering. Also we will be having our Zone summit in February 21st, this will give our members an opportunity to get an internship and improve their networking skill.

American Institute of Chemical Engineers (AIChE)

The American Institute of Chemical Engineers will be having Executive board elections for the 2015-2016 school year in the coming weeks. The Junior/Senior football game will also be taking place this semester, so members are looking forward to that. Wishing all of our members a successful semester!

Institute of Electrical and Electronics Engineers (IEEE)

The IEEE will be hosting its first annual SumoBot Competition in April and are currently planning the event. The kick off meeting was on February 18th to arrange teams and explain the rules of the competition. We want to stress that the SumoBot competition as well as IEEE are open to all engineering and non-engineering disciplines and we encourage everyone to come out and participate.

American Institute of Aeronautics and Astronautics (AIAA)

AIAA is looking to recruit members for leadership positions in the coming weeks! We are looking to expand the club next year, and get involved with Aerospace companies in the area in order to expose students and members of the club to the many different career opportunities associated with this industry. During the semester we hope to have at least one campus event at one of the nearby companies. We will be holding a general body meeting sometime next week to plan these various events and discuss leadership positions for next year. If you are interested in joining the executive board this is a great opportunity to get involved with a new club! Please feel free to contact Phil Allen with any questions at pallen4@villanova.edu.