Steel Bridge

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 exec 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 marnold3@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 amacker@villanova.edu.

American Society of Civil Engineers (ASCE)

ASCE hosted an officer recruitment night last month where we discussed the future of the club and where we are headed. In addition, we hosted a great event by ARCO Design/Build. Look for upcoming notifications about future speakers.

National Society of Professional Engineers (NSPE)

Congratulations to Megan Clarke and Christina Tobin, the new VUNSPE student chapter president and vice president, respectively! Also, best wishes to also newly elected treasurer and secretary, Jonathan Wong and Christopher Youngkins respectively. NSPE will be in good hands for the coming semesters. As the spring semester winds down, NSPE will be holding its final event, the Order of the Engineer ceremony (if there is sufficient interest)! If any graduating senior engineer is interested in the ceremony, where they will be receiving their engineer's ring (symbolic of the oath taken by the wearer, and symbolizes the unity of the profession in its goal of benefiting mankind), please contact nspe@villanova.edu as soon as possible.
Formula SAE

The Villanova Formula SAE team is excited to announce that VU07 is driving! Over spring break the car had its first drive, and the following weekend was its first full testing day. Coming up, the team has a dyno day planned at R/T Tuning to learn more about the engine. Having a driving car is a huge milestone for the team and marks the start of our testing and tuning process. With competition only 2 months away, the team is in full swing preparing for both design and dynamic events. Be sure to stop by to check out the car, and follow us on Facebook for more updates!

PEERS

As the freshmen worked on their second mini-projects, the CEER PEERS had 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. Applications for new PEERS are out! For any questions contact Courtney Brown at cbrown54@villanova.edu.

American Society of Mechanical Engineers (ASME)

Thomas Hafera, a nuclear engineer with both a BWR and PWR license that worked on the Fukushima Initiative and the Nuclear Regulatory Commission, spoke to a room full of students on March 19th. Although the seminar ran for two hours, he was extremely engaging and time flew by.

National Engineers Week (e-week) Winners:

- **Dodgball:**
  - Jason Larm
  - Matt Levine
  - Ryan Murphy
  - Brian Dolan
  - Michael Lee
  - Nina Hebel
  - Alex Lomasney

- **Professors’ pictures:**
  - Dr. Comolli
  - Dr. Jamison
  - Dr. Perry
  - Dr. Musselman
  - Dr. Elmer
  - Dr. Weinstein
  - **Winner:** Sarah Zabarnick

- **Candy guesses:**
  - 92 Lifesavers: John Maher
  - 279 Skittles: Ed Fitzpatrick
  - 56 Reeses: Maura Dougherty
  - 100 Tootsie Rolls: Jason Larm, Eli Bou Daher, Alfred Corradi, Alex Wilber-Cano, Sarah Zabarnick, Christina Tobin
  - 348 M&M’s: Alfred Corradi

- **Quizzo:**
  - Brian Whitehouse
  - Katie Woolls
  - Lindsay
  - Ellerthorpe
  - Neil Patel
Chi Epsilon

The spring semester is a busy time for Chi Epsilon. The civil engineering fraternity has proudly selected and inducted its new members. The initiation ceremony took place on Sunday February 8th in Bartley 1010. Ten civil engineers in the top of their class here at Villanova University were inducted. The new officers were also initiated at this time. These new Chi Epsilon members will begin to provide tutoring services to civil engineers at all levels. If you have any questions or would like to schedule a tutor, contact Courtney Brown, at cbrown54@villanova.edu.

Institute of Transportation Engineers (ITE)

On Tuesday March 10th the ITE hosted guest speaker Dan Lutz. Mr. Lutz works in the engineering department for nearby Upper Darby Township. Mr. Lutz’s talk was designated as a PD event for Freshman engineers and the turnout filled the room in Tolentine 309. Mr. Lutz spoke about the various jobs that a municipal engineer must undertake and touched specifically on the management of snow routes in the township and the use of a new brine mixture to de-ice roads rather than the traditional salt. Mr. Lutz also spoke about and brought the actual structural plans for the reconstruction of the front stairs and entrance of the Upper Darby Township Building in which he works. At the end of the presentation Mr. Lutz requested for students who were interested in aiding him in taking flow samples at various drainage culverts throughout the township and a sizeable amount of interested students signed up to help him.

The ITE Club is also hosting another guest speaker on Tuesday March 24th at 6 P.M. in Tolentine 309. The speaker will be Tyler Ladd from SEPTA. Mr. Ladd will give a talk about the various engineering disciplines implemented at SEPTA. Pizza will be served and the PD event eligibility is still be considered. Also, the ITE Club is eagerly anticipating the Mid-Colonial Division’s annual traffic bowl held this year in Arlington VA, on April 13th.

NOVACANE

For Engineers Week, NOVACANE hosted a special assembly at four middle schools. AECOM engineers, who were also once NOVACANE members, participated in the presentation and activities. The activity at three of the schools was the Marshmallow Challenge, a popular activity that challenges groups to build the tallest free standing structure out of spaghetti sticks while supporting a marshmallow. The Green Group at Ss. Coleman and Neumann conducted an activity involving acids and bases for the 7th and 8th graders. If you want to participate in one of the next NOVACANE trips, contact Warren Chan at wchan02@villanova.edu.

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, primarily Sophomores and Juniors. If you would like additional help with your coursework or if you have any questions about membership and getting involved in Pi Tau Sigma please contact Matthew Fracchia, at mfracchi@villanova.edu.
Society of Women Engineers (SWE)

The Society of Women Engineers has been very active this past month. On March 9th, SWE hosted the Lockheed Martin Tech Talk. At this meeting we heard from a Lockheed Martin speaker and had an opportunity to speak one-on-one with representatives from the company. It was a tremendous success. This semester we also have several other networking events to look forward to. The Greater Philadelphia Section of AIAA and the Villanova SWE invite you to attend our All Female Career Panel. Enjoy an evening of great discussion and networking, with a focus on how to successfully enter and excel in the engineering industry. Our panelists are eager to share their stories and wisdom regarding the dynamic and ever changing corporate world. This event will take place on Wednesday, March 25, 2015 from 7:00 PM - 8:30 PM in Bartley 1011. Furthermore, The GlaxoSmithKline Career Growth Network would like to cordially invites students of all ages to the 2nd Annual Happy Hour with a Purpose Networking Event at the Great American Pub next Tuesday (3/24) and if you plan on attending this event make sure you RSVP by Thursday (3/19). During the event, members of GSK's Career Growth Network will interact with local college students to provide general career related advice, tips and tricks related to interviewing, resume writing, using social media for careers, and job searching.

Chem-E Car

The Chem-E Car Team is pleased to announce that they have a working driving reaction. They are using a galvanic battery, and are now currently working on building the chassis of the car, which will serve as a more permanent housing for our chemical battery. The next step is connecting the stopping reaction. Our Stopping Reaction team has collected data for the Iodine clock reaction and is continuing to gather data to determine the longevity of the reaction for race day. The team is making great progress and looking forward to completing the car.

Eta Kappa Nu (HKN)

Congratulations to the new members of Eta Kappa Nu! Just before Spring Break, 6 new members were inducted into HKN. Registration is right around the corner and HKN wants to help! Be on the lookout for our registration help sessions, where underclassmen can come get advice on classes, schedule, registration pins, and the works! Stay tuned for more information about dates and locations.

Engineers Without Borders (EWB)

Over Spring break Villanova EWB continued their partnerships with projects in Panama and Nicaragua, sending groups to each location for the week. In Panama the project team worked on the design of a new water system, continued the evaluation of a current gravity fed water system, and also worked on the design and data collection for several bridge and chapel construction sites.

In Nicaragua the work continued with project partner Water for Waslala as well as with the ongoing telehealth initiative. The teams are now busy on campus working with data collected to provide designs and suggestions to the communities visited over break. Besides the Panama and Nicaragua projects, work continues with the ongoing development projects in Cambodia, India, and Ghana. For more information on Villanova's chapter of Engineers Without Borders, contact presidents Seth Bryant (sbryant2@villanova.edu) or Marissa Cucinotta (mcucinot@villanova.edu).
National Society of Black Engineers (NSBE)

Our members have been very active this month. 10 of our members participated in the Spring Zone Summit on February 21st at University of Pennsylvania where we attended workshops such as money management, also was given some tips on how to avoid debt. Members also attended graduate school workshops that provided useful information on technical certifications and graduate studies mediated by Villanova’s very own Dr. David Jamison. We also interacted with our NSBE Jr chapter with various projects, we helped them make ice cream, we build a Arduino and we also started our Cement structure project. All of these different activities are shaping the young minds of NSBE and building their engineering skills before they even step foot in college grounds. On March 25th several of our members are excited to go to the 41st National Convention in Anaheim California, where we will build our network tree and participate in several great events including the Hack-a-thon, Boeing Collegiate Flight Competition and many more. During this time we will be making Region 2 proud.

American Institute of Chemical Engineers (AIChE)

The American Institute of Chemical Engineers has some exciting events coming up in the next month! One such event is the junior-senior football game which will take place in the middle of April. The date is not yet set but keep your eyes peeled! Multiple t-shirt designs are in the works so the classes can show their school spirit.

Institute of Electrical and Electronics Engineers (IEEE)

The IEEE has started activities for its first ever SumoBot Competition. Ten teams will be competing to see who has the best designed robot that beats the competition. If you are interested in competing but was unable to sign up this year there's always next year. The IEEE envisions this as an annual competition and it is open to all majors!

Engineering Student Council (ESC)

Villanova’s Engineering Student Council had a successful celebration of National Engineers Week from 2/22-2/27. During E-Week, Freshmen Committee planned a dodgeball tournament, Sophomore Committee planned Geometric Candy Counting and Guess the Professors Baby Photo, and Community Development planned a game of Quiz-za. The Executive Board helped to supply bagels and orange juice to show appreciation for the faculty and staff of the college. These events were a huge success! In addition, Sophomore Committee worked hard to design the CoE ESC t-shirts, while the Freshmen Committee designed a long sleeve t-shirt design for ESC members. Currently, the Sophomore Committee is organizing a chilli cook off for the College's students and faculty. More events to come soon!