Welcome to the CEER Inquirer  
Years 2016-2017  
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American Institute of Aeronautics and Astronautics (AIAA)

AIAA has an exciting year planned. First, we will be designing and building a remote-controlled airplane from scratch that we plan to present at Boeing E-Week in the spring semester. This project involves airframe design, wings and aerodynamics, and control systems. All majors are welcome to participate. In addition, we plan on having trips to local aerospace companies and aerospace museums. Furthermore, we intend to host networking events on campus with local aerospace engineers. For more information, contact the president, John Coppa, and coppa@villanova.edu.

The American Institute of Chemical Engineers (AIChE) at Villanova is a club dedicated to assisting Chemical Engineering students in professional development and making important connections for their future careers. This year, the executive board of AIChE is focusing on providing more social and professional opportunities than in previous semesters. For example, AIChE will offer an internship panel to assist younger students in their internship search. Furthermore, AIChE will arrange social events such as Kickball to unite the different grades of Chemical Engineering students. Lastly, the club will continue to host multiple speakers from different industries, who can offer perspective on the potential career pathways a Chemical Engineer can take. Please keep an eye out for our events and stop by to form valuable relationships!

American Society of Civil Engineers (ASCE)

This past month ASCE held its first general body meeting. During this meeting we informed new members about the types of activities we have planned for the year including CANstruction, a fundraising event that involves the construction of sculptures from canned food donations. We also gave a brief overview of the National ASCE organization and emphasized the many networking opportunities that are made possible through this professional organization. The week before fall break we are having a guest speaker from Michael Baker International visit campus and present about his work as a transportation engineer. We are also planning a construction tour of the parking garage being built on Lancaster Avenue the week after fall break. Stay tuned and like us on Facebook (Villanova ASCE) to get information about upcoming events. If you have any questions please don’t hesitate to email us at asce.villanova@gmail.com.
HKN continues to be an honor society composed of some of the top upperclassmen, dedicated to assisting underclassmen through information and available tutoring hours. This semester some of our members have dedicated time to tutor in freshmen and sophomore courses, and we plan to host, in conjunction with IEEE, fireside chats to help freshmen register for their spring classes.

This month ASME was proud to host Turner Construction in an informational event that helped many students to score on-campus interviews with the company. The event was focused mainly on internships and full-time opportunities, but also provided a substantial amount of background information about Turner. Pizza and refreshments were served and the event was PD approved. Thanks to everyone who attended, hope to see you at the next event!

In the month of September, Chi Epsilon began organizing tutoring opportunities that are available to students studying Civil & Environmental Engineering.
IEEE (Institute for electrical and electronics engineers) has had a great start to the year so far. We’ve worked to bring in new members and hosted our first general board meeting of the year, which was a great success. In it we outlined our current plans for events for the year, as well as began our search for more e-board members. IEEE also began its weekly study hours meetings (Mondays 7–8:30 pm in Vasey 201). Additionally, IEEE hosted a Lockheed Martin Networking event. Other great events are currently being planned! If you wish to join, please contact us at villanovaieee@gmail.com.

The Institute of Transportation Engineers kicked off the year with its Fall semester recruitment night on Thursday, September 22nd, where pizza was enjoyed while new members were able to learn and ask questions about the organization. ITE is looking forward to an exciting year of hosting an array of fun and practical/professional activities including guest speakers from the transportation industry, engineering project presentations, field trips, volunteering opportunities, and more. Specifically, ITE will be hosting its first guest speaker in October, a SYNCHRO training session in November, and will be preparing for its annual field trip to SEPTA later in the semester! 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. Members that are interested in executive board positions are encouraged to email James Press at jpress2@villanova.edu.

The Villanova Chapter of the National society of Black Engineers has hit the ground running as the semester has begun. Already having hosted two general body meetings, an informational resume preparation event in conjunction with SHPE and the NSBE Professionals, and study halls twice weekly. We are currently preparing to attend our Fall Zone Summit at Lincoln University and our Fall Regional Conference in Norfolk, VA where students will have the opportunity to interact with employers, graduate schools, and engineers from other universities. Our NSBE Jr. Chapter plans to visit us this weekend and we are excited to impact the future generations of engineers.

If you have any questions about how you can get involved with any of these activities feel free to reach out to me at jones32@villanova.edu.
VUNSPE started off the semester by planning our panel discussion for the Fundamentals of Engineering (FE) exam, which will take place at the end of October. We will have multiple panelists from different disciplines, who will provide insight on the FE exam, such as how to study and what to expect during the exam. Keep an eye out for more information about the event!

Pi Tau Sigma

Pi Tau Sigma, Mechanical Engineering Honor Society, is glad to welcome 19 deserving new members since Spring 2016. New executive members, have been elected, with Gregory Maino as President and Thomas Muccifori as Vice President. Dr. Q. Wu continues to act as the society's advisor, and all members are excited for the Fall 2016 semester!

SHPE has started its Fall semesters in full swing! SHPE hosted its first co-event with Villanova NSBE and professional NSBE members for its “Career Fair Preparation”. We covered career fair and resume tips in order to make the Fall Career Fair a success. For Hispanic Heritage month, Lockheed Martin has invited SHPE members to their Moorestown, NJ site on October 7th and Boeing has invited members to its Ridley Park, PA site on October 10th for a site tour and opportunity to network with professionals and other SHPE chapters. We are still accepting members who are interested in attending these events! Please contact Janine Rosario via email at jrosari5@villanova.edu to become a member or register for any upcoming event.
SWE kicked off the year a little differently than normal. Instead of the annual ice cream social, we hosted SWE S'mores, using the grill behind CEER as our “bonfire.” Old and new members got to know each other through this informal gathering, sharing experiences and advice with each other.

We are busy preparing for two big events coming up this fall. First, the national SWE Conference is being held in Philadelphia October 27-29. Villanova SWE already has over a dozen members registered to attend. Second, planning for the annual Networking Dinner is well underway. SWE pushed out invites earlier with the hope that doing so will increase attendance at our biggest event.

SWE participated in St. Thomas of Villanova Day of Service partnered with NovaCANE, and has signed up to host the dreamcatcher booth during Special Olympics weekend. Contact Villanova SWE at villanovaswe@gmail.com and follow us on Instagram @villanovaswe to stay updated on our activities!
This month, Chem-E Car has begun recruiting interested students to join the organization, and the first general body meeting was held earlier this month. Work on developing ideas for the car that will be powered and stopped by chemical reactions has begun. In the near future, both halves of the club (the starting reaction and stopping reaction teams) will begin to meet regularly, with the goal being to make it to competition once again later this year.

The Engineering PEERs have been very busy this past month! We have welcomed the incoming freshman engineering class during orientation. We have also met some students who transferred in. The PEERS office is open and in full swing from 9:25-4:25 Monday-Thursday and 9:25-2:25 on Fridays. We look forward to seeing engineering students of all years coming in to ask for help. Stay tuned for more info on Review Sessions, and the first ever Freshman Social!!

This month ESC started off the school year with a Donuts with the Dean event to welcome students back. The executive board held budget meetings for each of the organizations in order to help allocate the school's funds. Recently, interviews were held and new members were selected for ESC this year. We look forward to planning events for the student body and coming up with a fun activity for SpO athletes to enjoy.
In continuing with the Villanova Engineering Service Learning (VESL) trip programs, and with groups currently working to prepare for the Fall and Winter service trips, the campus chapter for Engineers Without Borders (EWB) has been working hard to make sure that everything is ready. Following the Fall Activities Fair, we have gained many new members, helping to get students engaged with the many engineering-related projects to help service trips with design work, as well as projects in the local community with STEM programs. For more information on the ongoing projects and how to be involved, contact the current EWB co-presidents, Sam Schafer, at sschafer2@villanova.edu, or Evan Kurt, at ekurt@villanova.edu.

The 2016 season proved to be a success for Villanova’s Formula SAE Team. Out of 120 international teams, Villanova placed 3rd in acceleration, 5th in cost, 12th in engineering design, and 15th in business presentation. Over the summer, the team began the designs for the 2017 season. This year’s car, VU09, will feature a completely redesigned chassis including a 10 inch wheel package and 4130 steel space frame, Hoosier R258 tires, Yamaha R6 engine, and an electro-pneumatic shifting system. This past month the team worked on refining the designs for VU09, while continuing to drive and test VU08. The team had a ton of fun on a trip out to Pittsburgh for an autocross race hosted by the University of Pittsburgh FSAE team. We hope to attend more events like this in the near future!

It’s never too late to join the team! If you are interested in becoming a member, please reach out to Allison Boyd at aboyd7@villanova.edu.

NovaCANE is running groups at three different schools this year. The first trips go out this week (9/26) and more trips will occur after fall break. Please contact Victoria Henck (vhenck@villanova.edu) with any questions or comments.
The Steel Bridge Team has had a productive start to the semester. Preliminary design and construction planning for the bridge are well under way. Two meetings have been held to introduce new members to the design process and competition preparation.