

VILLANOVA UNIVERSITY

# THE CEER INQUIRER

PRESENTED BY THE ENGINEERING STUDENT COUNCIL VOLUME 6, ISSUE 3



## CLUB AND ORGANIZATION UPDATES

### AIAA

As the year comes to an end AIAA looks forward to a Tour of Boeings production plant which will include a tour of their 3D lab and the vertical take-off V-22 Osprey. Elections will be held on April 17<sup>th</sup> in and officer positions need to be filled! For more information on any of the previously mentioned activities, or If you would like to get involved please contact Zheng Rong at [zrong01@villanova.edu](mailto:zrong01@villanova.edu)

### ACI

The Widener Beam Competition was held on Saturday morning March 24, 2012. Teams of students from Widener, Delaware, Pennsylvania Institute of Technology, and Villanova. Each team submitted a concrete beam which was constructed according to the competition rules and specifications. Beams were judged on efficiency. There was a bonus for utilizing "green". The winning team in each category won a \$1500 cash prize and bragging rights

among the local collegiate community. Villanova's team used an innovative cross section design to place 2nd and 3rd in two competitions.



### AICHE

The Villanova Chapter of AIChE is preparing for our end of semester events! We are busy planning our annual Junior-Sophomore softball game, and our stress buster activities as finals approach! We are also planning events for our graduating seniors including an end of the year dinner. To get involved with this organization and be informed of future exciting events join our VU groups website! ([vugroups.collegiatelink.net/organization/aiche](http://vugroups.collegiatelink.net/organization/aiche))

### ASCE

ASCE would like to proudly announce 2012's Executive Board!



Center For Engineering Education And Research

Evan Campbell: President  
Salima Bouhriz: Vice President  
Timothy McGrath: Treasurer  
Michael Rzeszut: Secretary  
George Zimmer: Social Chair  
Laura Boisclair: Webmaster  
The former Exec Board is very excited to transition their leadership roles to this very promising new Exec Board and look forward to strong leadership during 2012.

### ASME

ASME is busy planning our end of the year BBQ and volleyball tournament against the professors. More information will be posted soon and all are welcome! Before this summer kick off event, we will also be having our last meeting of the semester on April 11th where Dr. Always will be speaking about the history and aerodynamics of baseball. This meeting will be in CEER 001 on 4/11 at 5pm. All are welcome to attend this event and eat free pizza, too! We are looking forward to having elections as well and getting our new executive board members ready for next year.

## BAJA SAE

The team is hard at work beginning construction on the off-road vehicle. We are beginning to cut and bend our raw steel tubing while simultaneously learning to weld in order to assemble the frame. If you wish to join please contact Stephen Schraer at [stephen.schraer@villanova.edu](mailto:stephen.schraer@villanova.edu)

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## CHI EPSILON

The Villanova chapter of Chi Epsilon recently inducted new junior members at the start of the spring semester. These newly inducted civil engineers are looking forward to taking on the responsibilities of the chapter. The chapter has a fresh administrative group and is beginning an update of its website. As always, tutors for civil engineers are available and arrangements can be made by contacting our new president, Katherine Sager at [ksager02@villanova.edu](mailto:ksager02@villanova.edu).

## ESC

ESC is excited to be hosting the Engineering Formal on Wednesday, April 18th. Tickets for \$20 went on sale at 8 am on Wednesday, April 11th. Tickets sold out in under 2 hours.

## EWB

Currently, members of Engineers Without Borders are compiling data acquired from Spring Service Trip to Alto-Bayano, Panama. This is being done in an effort to come up with a solution to the water distribution of a local gravity driven water network that services many towns in the area. While this is being done, another project is preparing for a summer trip to install a solar panel in the Embera village in Panama. The goal of this project is to provide the community's school with adequate lighting and power and to improve their ability to communicate outside their community. Much preparation is still being done and EWB is looking for students willing and excited to go on the trip this summer. For more details on how to get involved, contact Benjamin Lawrence ([blawre01@villanova.edu](mailto:blawre01@villanova.edu))

EWB also has two trips coming up. On April 21st, students will be attending the Franklin Institute Science Fair where they will showcase a model of a gravity driven water network. For information about this trip, contact Ian Dardani at [idarda01@villanova.edu](mailto:idarda01@villanova.edu).

On April 23rd, Sparks will be going to Mount St. Joseph's Academy to speak to the students about engineering careers and the pursuit of engineering in school. To find out more about this trip and get involved with Engineering Sparks, contact Kirstie Mac-

Donald ([kmacdo03@villanova.edu](mailto:kmacdo03@villanova.edu)).

## FORMULA SAE

Villanova Formula SAE will be using the month of April to tune and test the vehicle in preparation for the competition in May. This will begin upon the completion of a few key components. Testing will include verifying the proper function of all systems including the dry sump oil system and the computer controlled paddle shifting system. Additionally, construction of the carbon fiber body will be completed by mid-April. For questions regarding the team, the car, or getting involved, please contact Ben Rocci at [brocci01@villanova.edu](mailto:brocci01@villanova.edu).



## IEEE

Over all the last month was relatively uneventful. We are planning an additional meeting or two before we close out the school year so keep an eye out for any updates. If you are interested in joining the exec board please keep an eye out for any information regarding that being posted.



## ITE

ITE is excited to announce a meeting set for Thursday April 12 at 6:30 PM in Tolentine 305. Mr. Scott Douglas of the NJ DOT Office of Marine Freight will be our guest speaker. Mr. Douglas will be presenting on international maritime commerce as well as cover some of the recent issues, advances and studies in New Jersey and the east coast. We will also be hosting Villanova's own ITE Industry Liaison, Mr. Vince DeFlavia, who will be giving a brief discussion on ITE in general. As for other matters regarding ITE, we would also like to take the time to thank Dr. Leslie McCarthy and Mr. Zeyn Uzman for presenting at last month's ITE meeting. Dr. McCarthy presented on Villanova's ITE Student Chapter while Mr. Uzman presented on bridge geometrics. The presentation ended as Dr. McCarthy and Mr. Uzman dually presented on how the Transportation and Structures Capstones can overlap. It was a wonderful and educational experience for all who attended. Our April meeting is sure to be just as good so we hope to see you all there!

## NSBE

The Villanova Chapter recently sent 8 members to the NSBE National Convention in Pittsburgh. It was a very rewarding experience and everyone is now eager to put their renewed excitement for NSBE to action. In a couple weeks we will be having an end of the semester BBQ.

## NOVACANE

In the next couple weeks NovaCANE members will be doing their final visits to the schools in the Philadelphia area and Wilmington, Delaware. During the first week of May, the middle school students will visit Villanova for a day. Both NovaCANE members and the students are looking forward to this event.

## PEERS

PEERS has begun to wind down this academic year by recently electing a new Executive Board for the coming year. Congratulations to Jamie Green (President), Dan Koroski (Vice President), Greg Monahan (Secretary), Dave Andiaro (Treasurer) and Alex Metz (Review Chair). Jamie, Dan and Alex will be returning to the Executive Board after holding positions this academic year. Further, applications have been accepted for new PEERS and interviews will be held following Easter Break. All of the PEERS look forward to the addition of our new members and to another great year for PEERS.



## PI TAU SIGMA

Pi Tau Sigma continues to provide tutoring services to upperclass ME students. We look forward to initiating new members into the organization in weekend after Easter.

## STEEL BRIDGE

Steel Bridge team has continued its efforts as the competition approaches. Additionally, we have been participating with Villanova's ASCE chapter in areas such as the technical paper to keep Villanova as an active member to the region.

*Special thanks to our Executive Board members of ESC that are graduating this May. Emily, Jordan, Jeff and Brittany, you will be missed. You all did an outstanding job leading the ESC with many fun activities and Formals.*

*Good luck to all graduates of the class of 2012!*

## SWE

SWE hosted a Professional Development workshop focusing on internship and job searching. It was a huge success and thanks to everyone who came. SWE would like to thank Kevin Grubb from the Career Center who ran the event, he did a wonderful job. Our next meeting will be our Senior Secrets Night. Seniors will pass on all their wisdom to the underclassmen! This is always one of our most best events, so we encourage everyone to come! Also in mid to late April we will be holding elections for our Executive Board for the 2012-2013 academic year. We are still trying to organize a Zumba class so keep your eyes open for an email about that as well. If you would like to be added to SWE's email list, you can contact us by emailing [villanovaswe@gmail.com](mailto:villanovaswe@gmail.com).

## TAU BETA PI

The Villanova Chapter of Tau Beta Pi sent Executive Board members to the District Conference held in Philadelphia to conduct the business of the Association and meet other chapter representatives. We look forward to initiating new members in April and continue to support academic excellence in engineering.

## SAVE THE DATES:

**Tuesday, May 1st – 2:30 PM** - College Ice Cream Social—CEER Patio

**Thurs-Sun, June 7th -10th** – Reunion Weekend – various college events