



Penn Engineering

May 2016 Engineering Alumni Society Report

The Penn Engineering Alumni Society (EAS) is pleased to provide the following update on activities during the 2015/2016 academic year.

The core tenants of the EAS include:

- Fostering connections between Alumni and Students (undergraduate through PhD)
- Encouraging Alumni to connect with one another
- Strengthening the bond between Alumni and the School of Engineering and Applied Science (SEAS)

To achieve these goals, the EAS is made up of 6 elected Officers and 12 elected Directors, as well as upwards of 8 Past Presidents and 6 Associate Directors. The Board meets on campus 9 times through the year. With support from the Engineering Development Office and an extended group of engaged, globally diverse engineering alumni, the 17 board committees are able to produce and promote programming in support of these goals with over 1500 hours of volunteerism.

Highlights of Recent Activities

- The EAS supported a number of student networking events this past year including the 6th Annual Graduate/Alumni Mixer, a Bioengineering Mixer, and the Advancing Women in Engineering “Tassel and Toast” event.
- The “Externship” program held in conjunction with Career Services was held for the third year and was once again a great success.
- This year also included a few “firsts” (at least in recent memory) with the first joint event hosted with the Penn Club of Philadelphia and the first Penn Engineering Young Alumni Happy Hour held in Philadelphia.
- The bi-annual Professional Engineering presentation was also held in April with excellent interaction between students and the panel of speakers. Approximately 50 students from across campus attended the event to learn about becoming a Professional Engineer.
- The Annual Senior Design Competition allows the EAS to recognize teams of the brightest SEAS students. Alumni are invited to visit campus and serve as judges and witness the current research that is being championed at Penn. The judging criteria are focused on how the teams organize and communicate their projects rather than the technical merits of the work. The top prizes were awarded to:

1. **First Prize: Autonomous Wave-Powered Desalination**

William Cheng, Sasha Klebnikov, Christina Springer, Chevonaé Walcott
Mechanical Engineering and Applied Science

2. **Second Prize: SCUBAssist: A Semi-Autonomous Underwater Vehicle for SCUBA Divers**

Justin Chang, Foster Collins, Aedhan Loomis, Andrew McGrath, and Mike Meigs
Mechanical Engineering and Applied Science

3. **Third Prize: Holonomic Affordable Multi-Terrain Robot**

Golam Kibria, John Kim, Christian Wang and Tighe Costa
Mechanical Engineering and Applied Science

- **Honorable Mention: Automated Pancreatic Cancer Diagnostic**

Moriah Cesaretti, Julia Chen, Pooja Khandekar, and Kinjal Shah
Bioengineering

- **Honorable Mention: Digital Breast Tomosynthesis with Superior Resolution**

Fred Kwon, Joseph Licata, Tejas Narayan, David Zhang
Bioengineering

Submitted by Matthew Quale, President

<http://www.seas.upenn.edu/alumni/alumnisociety>



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- **Honorable Mention: Asura**
Billy Clarke, Sarah Dean, Vincent Pacelli, and Cathering Yee
Electrical and Systems Engineering

Celebrations

- The D. Robert Yarnall Award is presented annually by the EAS to a distinguished member of Penn Engineering's alumni for outstanding contributions to the field of engineering or technology; whether in public service, private industry and/or education. This year, the Board was honored to present the award to Mr. Pat Harker.
- The EAS and the undergraduate student body presented the S. Reid Warren, Jr. Award to Brian Chow for outstanding service in stimulating and guiding the intellectual and professional development of undergraduate students at the School of Engineering and Applied Science.
- The EAS presented the E. Stuart Eichert, Jr. Award to Andrew Parsons who exemplified the characteristics of selfless service to the University and Community.
- EAS Director Dawn Becket awarded the Dawn and Welton Becket Digital Media Design Achievement Award to Rebecca Hallac who exemplify the ideals of the DMD program through outstanding achievement, citizenship, and mentoring.
- EAS Past President Walter Korn awarded the Walter Korn award to Sudarshan Muraldihar and Lina Huang, outstanding seniors in the Moore School who will be continuing on at the Moore School for a graduate degree.

About the EAS Board of Directors

The newly elected 2016-2017 Executive EAS Board includes representation from SEAS classes from 1969 to 2008:

- President – Seville Mannickarottu, EE
- Vice President – Jim Brennan, CE/SYS
- Vice President – Dawn Becket, CSE
- Vice President – Paul McLaughlin, CSE
- Secretary – Jay Olman, MEAM
- Treasurer – Russ Miller, EE

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