PSEAS 2014 Annual Report

Penn State Engineering Alumni Society
March 1, 2015
http://www.engr.psu.edu/AlumniFriends/PSEAS/
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Welcome

Welcome to the Penn State Engineering Alumni Society annual report. Our society connects engineering alumni with one another and with the College of Engineering to provide valued programs that further the college’s mission of teaching, research and service. This report provides an overview of the organization, activities, accomplishments and future direction of the alumni society.

It is an exciting time, with new directions and initiatives in the college as well as our alumni activities. We welcome you to review the report, suggest programs to enhance our efforts, and join us in further building our community.

Mike Erdman
President, PSEAS
What is PSEAS?

The Penn State Engineering Alumni Society (PSEAS) is a constituent of the Penn State Alumni Association. All Engineering alumni are members of PSEAS.

The Society is governed by a Board of Directors, an all-alumni advisory body in the College of Engineering that works closely with deans, faculty, staff, and students to promote and improve the engineering programs at Penn State.

Vision: All Penn State College of Engineering alumni are actively engaged in the support and accomplishment of the goals and objectives of the College of Engineering.

Mission: PSEAS will connect engineering alumni to the College of Engineering, to one another, and provide valued programs that further the college’s mission of teaching, research and service.

This board includes officers and the chairs of the department Alumni Affiliate Group (APGs). An APG is a formal or informal group of alumni and friends of Penn State who share a common interest in a particular academic department. It is a separate sub-organization of the Penn State Alumni Association and is chartered by the college alumni society program. APG activities can be wide-ranging, including networking, mentoring, and student recruitment. PSEAS provides a venue for APGs to collaborate and share best practices.

The PSEAS Board meets three times a year at the University Park campus and monthly by teleconference.

To volunteer with PSEAS, contact Jennifer Theiss, Director of Alumni Relations, at jtheiss@enr.psu.edu or 814-863-3384.

Did you know?
The College of Engineering has more than 90,000 living alumni!
Board of Directors

As of fall 2014, membership stood at 26 board, ex-Officio, and honorary members. This includes 21 men and 5 women with an average of 27 years since graduation (1987).

Department representation is the following:

- Architectural Engineering: 2
- Chemical Engineering: 6
- Civil Engineering: 3
- Computer Science & Engineering: 1
- Electrical Engineering: 3
- Engineering Science & Mechanics: 3
- Industrial Engineering: 2
- Mechanical Engineering: 4
- Nuclear Engineering: 2

PSEAS Board and Ex-Officio Membership (December 2014):

A. Michael Erdman ’69 E SC, President
Mike McGinley ’73 CE

Dale Hoffman ’72 EE, Vice-President
Bill McQuade ‘91 ME, ’92 MS

Karen Sweeney ’80 AE, Immediate Past President
Chet McQuaide ’65 EE

Ned Brokloff ’82 E SC
John Mikita ’67 IE

Gary Butler ’71 IE
Casey Moore ’89 CE

Jane Clampitt ’79 ChE
Jason Morris ’12 EE

Jack Diviney ’68 CE
Rich Prewitt ’84 CSE

Jonathan Dougherty ’99 AE, ’06 PhD
Rich Randall ’71 ME

Ken Graziani ’70 ChE
Rick Schutz ’72 E SC

Katie Kirsch ’11 ME, ’13 MS
Jim Stavely ’79 NucE, ’80 MS

Matt Krott ’13 ME
James Stover ’96 NucE

Dean Lippold ’91 ChE
Frank Arieta ’96 ChE

Annie McAndrew ’12 ChE
Kim Fox ’97 ChE
**Board Committees**

**APG Grants Committee**

The APG Grants Committee supports the activities of the college’s alumni groups by sponsoring an annual grants program. Grants provided support the creation of new alumni programming and events for engineering alumni.

**APG Resources Committee**

The APG Resources Committee identifies areas of education and support for the department and program APGs and provides resources to assist them. This committee facilitates communications and interactions between the volunteer leaders of the College alumni groups and promotes the sharing of best practices between alumni groups.

**Fellowship Committee**

The Fellowship Committee focuses on events and programming to encourage alumni interaction on-campus and elsewhere. Their projects include the annual College of Engineering Alumni Tailgate, Alumni Reunion, and Networking Events.

**Metrics Committee**

The Metrics Committee is focused on gathering data on the alumni society’s events, programs, development, and awards, to constantly improve upon the society’s initiatives. This Committee is responsible for managing the metrics tracking sheet and creating the society’s annual report.

**Outreach Committee**

The Outreach Committee is a key part of PSEAS’ interaction with Engineering students, faculty, staff, and alumni. This group has been involved in social media and communications initiatives, alumni/student receptions, resume review events, alumni career panel discussions and organizing Penn State’s Engineers Week.
**Affiliate Program Groups**

An Affiliate Program Group (APG) is a formal or informal group of alumni and friends of Penn State who share a common interest in a particular academic department or extra-curricular activity. They are a separate sub-organization of the Penn State Alumni Association and the Penn State Engineering Alumni Society.

There are currently thirteen APGs in the College of Engineering, each represented by one ex-officio member on the PSEAS Board of Directors. Those leaders follow.

Gary Butler ’71 IE, President, Penn State Industrial and Manufacturing Engineering
gbutler@pcc-york.com

Jack Diviney ’68 CE, Civil and Environmental Engineering Society
jdiviney@GFNET.com

Abby Dodson ’12 E SC, Penn State Engineering Leadership Program Alumni Society
ald5178@gmail.com

Jonathan Dougherty ’99 AE, ’06 PhD, President, Alumni Society of Architectural Engineers
jdougherty@davisconstruction.com

Ken Graziani ’70 ChE, Penn State Chemical Engineering Alumni Group
kengraz1@aol.com

Matt Krott ’13 ME, President, Engineering Ambassadors Alumni Association
krott16@gmail.com

Annie McAndrew ’12 ChE, Women in Engineering Program APG
annie.mcandrew.12@gmail.com

Rich Randall ’71 ME, Penn State Mechanical Engineering Society
rich.randall@comcast.net

Chet McQuaide ’65 EE, President, Penn State Electrical Engineering Society
chet_mcquaide@bellsouth.net

Jason Morris ’12 EE, Multicultural Engineering Program APG
jason.morris@edfundr.co

Rich Prewitt ’84 CSE, Computer Science and Engineering Alumni Society
rprewitt@cse.psu.edu

Rick Schutz ’72 E SC, Chair, Penn State Engineering Science and Mechanics Alumni Society
rickschutz50@gmail.com

James Stover ’06 NucE, President, Penn State Nuclear Engineering Society
jmstover@pplweb.com
**Affiliate Program Group Grants**

The PSEAS APG Grants program spurs the creation of department and program APGs and new alumni fellowship events, professional development activities, and department awards. In 2014, the group awarded 11 grants.
Development

In 2014, $40,446 was contributed in gifts and pledges to the PSEAS Endowed Scholarship Fund. This included gifts made in response to the PSEAS appeal letter and proceeds from the Engineering Alumni Tailgate silent auction. Additionally, 100% of the elected PSEAS board members made a gift to the fund. This brings the total book balance of the scholarship to $241,773 and market value to $301,000. The Board has surpassed its goal of $300,000 market value in 2014!

Market value of PSEAS Endowed Scholarship

For many years, the scholarship has supported two engineering students each year. Thanks to the fundraising efforts of the board, a third student has been added who will benefit from the scholarship in spring of 2015.
Recognition

The accomplishments and service of College of Engineering alumni and groups were recognized again this year with prestigious awards from the Penn State Alumni Association.

Penn State Alumni Fellow
Karen Sweeney ’80 AE
Edward Auslander ’85 ME, ’91 MBA (Behrend)

Kay and Ernie Salvino Volunteer of the Year
Jonathan Dougherty ’99 AE, ’06 PhD

Joan M. McLane Recent Alumni Award
Kathryn Kirsch ’11 ME, ’13 MS

Student Interaction Award
PSEAS

Joint Activity Award
Multicultural Engineering Program APG
Communications & Outreach

In 2014, PSEAS continued its trend of reaching out to fellow alumni, current and prospective students, and the Penn State Engineering community through communication materials and outreach programs.

Alumni volunteers assisted with the springtime Penn State Admissions receptions in Pittsburgh and Philadelphia. These volunteers answered the questions of future Penn State students and promoted the University and its engineering programs.

PSEAS and Engineering alumni contributed to the College’s blog to share their professional, educational, and volunteer experiences as Penn State Engineering alumni:

- Working with Global Teams by Dean Lippold ’91 ChE
- ESM Alumni Advisory Board - Hard at Work for the Department by Rick Schutz ’72 E SC
- Inside the Recruiter's Mind...5 Need-to-Knows for Students by Jonathan Dougherty ’99 AE, ’06 PhD
- Engineers Do Make a Difference! by Casey Moore ’89 CE
- Giving Back: Penn State Alumni Opportunities by Alysia Diffendal ’03 ChE
- Setting your career path: Tips from an alum by Ned Brokloff ’82 E SC

The Penn Engineering Alumni LinkedIn membership continues to grow. Join us on our other social media pages:

- Engineering Penn State Blog
- Penn State College of Engineering
- Penn State Engineering LinkedIn
- PSU Engineering Twitter
- Penn State YouTube
- Penn State College of Engineering Flickr

Did you know?

24,543 alumni received the Penn State Engineering magazine in fall of 2014. The PSEAS President writes a column for each edition.
Events
In 2014, PSEAS hosted alumni, faculty, staff, and students at a variety of events. Three new events were piloted: an alumni career panel ("How You Can Use Your Engineering Degree"), Central Pennsylvania Festival of the Arts “Arts Fest” open house, and Traditional Reunion Weekend alumni luncheon.

In February, PSEAS sponsored the annual Penn State Regional Rube Goldberg Contest. Alumni volunteers served as greeters to community attendees and judges and timekeepers for the student organizations competing for the top prize.

After more than a half year of planning by a superb alumni volunteer committee, the third annual Engineering Alumni Tailgate was held in September at Penn State’s Pegula Ice Arena. 250 alumni and friends enjoyed a hot breakfast buffet and Penn State Berkey Creamery ice cream, photos with the Button Man and in the wink! photo booth, and demonstrations by the 3D Printing Club and Penn State EcoCAR. The silent auction benefitting the PSEAS Endowed Scholarship had unique items such as a volleyball signed by the 2013 Penn State women’s volleyball championship team, behind-the-scenes tours at Beaver Stadium, Pegula Ice Arena, and the Arboretum, original artwork by Matthew Rice ’05 A&A, and stunning photography and jewelry pieces. Proceeds from the silent auction hit more than $5,000 – a record!

Board members continue to participate and encourage alumni participation in the Resume Review event, held twice yearly in conjunction with the Engineering Career Fair and organized by the Engineering Career Resources & Employer Relations office. This event is extremely popular with the students; each time, about 150 students sign up to have their resumes reviewed by alumni.
Mentoring

Of the many ways alumni give back to the College of Engineering, perhaps none has a greater impact or provides more personal satisfaction for alumni than by serving as mentors to undergraduate students.

The following departments and programs have alumni mentoring programs: architectural engineering, civil & environmental engineering, chemical engineering, engineering ambassadors, electrical engineering, mechanical engineering, and computer science & engineering. Information on these individual programs from 2014 follows.

<table>
<thead>
<tr>
<th>APG</th>
<th>Mentors</th>
<th>Mentees</th>
<th>Percentage of Department Undergraduates</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASAE*</td>
<td>51</td>
<td>51</td>
<td>49%</td>
</tr>
<tr>
<td>CEEAS</td>
<td>71</td>
<td>71</td>
<td>19%</td>
</tr>
<tr>
<td>ChEAG</td>
<td>57</td>
<td>9</td>
<td>2%</td>
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<tr>
<td>ChEAG Facebook</td>
<td>20</td>
<td>55</td>
<td>14%</td>
</tr>
<tr>
<td>EAAA</td>
<td>34</td>
<td>34</td>
<td>52%</td>
</tr>
<tr>
<td>EES**</td>
<td>146</td>
<td>146</td>
<td>29%</td>
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<td>PSMES**</td>
<td>163</td>
<td>190</td>
<td>23%</td>
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<tr>
<td>CSEAS</td>
<td>70</td>
<td>110</td>
<td>21%</td>
</tr>
<tr>
<td>PSIMES</td>
<td>34</td>
<td>58</td>
<td>14%</td>
</tr>
</tbody>
</table>

Fall 2014 Mentor Programs
*Mentoring program open to 4th-year students only
**Junior/Senior students only
Engineering Young Alumni Advisory Board

Established in fall of 2014, this new advisory board in the College of Engineering aims to reconnect and re-engage with recent engineering graduates.

The Engineering Young Alumni Advisory Board (EYAAB) aligns new ideas and initiatives with activities already underway, to enable the college to connect more meaningfully with its recent graduates, many of whom are spread across the country and around the world.

The board is comprised of seven alumni who graduated from the college within the past ten years and is planning to expand to twelve members. Members will serve three-year terms and meet at the University Park campus at least once per year.

Mechanical engineering graduate and PSEAS board member Katie Kirsch, the EYAAB’s inaugural chair, hosted the first meeting in November of 2014. The board is planning an engineering leadership panel discussion to be held in fall of 2015 and exploring launching a crowd funding campaign to support the college.

The EYAAB serves as a subset of the PSEAS Board of Directors.

EYAAB Membership (December 2014):

Katie Kirsch ‘11 ME, ’13 MS, Chair
Becca Delaney ‘06 AE, ’06 MS
Abby Kreider ‘12 AE
Jason Morris ‘12 EE

Rob Nellis ’13 ME, ’13 Nuc E
Eric Sauder ’08 ME, ’10 MS AE
Caitlin Zankowski ’10 IE