Minutes of the Engineering Alumni Society Board of Directors
University of Pennsylvania
Philadelphia, PA 19104
www.seas.upenn.edu/alumni/

Monday, November 17, 2014 6pm, Room 307 Levine

**Attendees:**

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
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<tbody>
<tr>
<td>Pres</td>
<td>Dean Eduardo Glandt</td>
<td>VP</td>
<td>Matt Quale – Pres</td>
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<td></td>
<td>X Dawn Becket – D</td>
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<td>Russ Miller – VP</td>
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<td>Stan Warchaizer – VP</td>
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<td>X Ashish Chauhan – AL</td>
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<td>AL</td>
<td>Sevile Mannickarottu – Sec</td>
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<td>Jane Fried Sheinfeld – AL</td>
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<td>Brad Abrams – PP</td>
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<td>Farnia Fresnel – PP</td>
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<td>X Matthew Serota – AL</td>
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<td>X Andrew Franklin – AD</td>
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<td>Nikos Lioutas – AD</td>
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<td>Dan White (CA) – AL</td>
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<td>Nishal N. Shah - AD</td>
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<td>Ellie Davis – F/S</td>
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<td>Gabrielle Gary – F/S</td>
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<td>Eileen McCarthy Feldman – AD</td>
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<td>X Jocelyn Nelson – AD</td>
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<td>George Hain – F/S</td>
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<td>Zane Stiles – UG</td>
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<td>X Sindura Chaparala – UG</td>
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<td>Rosette Pyne – F/S</td>
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<td>Zane Stiles – UG</td>
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<td>X Carolynn Sullivan – UG</td>
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**Positions:**

Pres: President
VP: Vice President
Sec: Secretary
Tres: Treasurer
PP: Past President
D: Director
AD: Associate Director
AL: At Large Member
F/S: Penn Faculty/Staff
UG - Undergraduate
I. **Call to Order (M. Quale)**
   - Called meeting to order at 6:00 pm.

   Open Action Items:

   New Action Items:
   **ACTION:** Owner – None

II. **Dean’s Welcome (E. Glandt)**
   - The Dean was not present.

   Open Action Items:

   New Action Items:
   **ACTION:** Owner – None

III. **President’s Welcome and Remarks (M. Quale)**
   - Came from opening of the Penn Center for Innovation.
     o Great event with the Mayor, President Gutmann, Vice-Provost of Research, Dawn Bonnell.
     o Penn receives approximately $800M of research money a year, of which about $70M is from private commercial groups.
     o The new center changes the former Center of Technology Transfer (CTT) from just commercialization of research.
     o 600% growth in the last six years in terms of their signed licensing and commercial agreements.
     o The new center combined with Pennovation Works (south campus) provides many opportunities for students and faculty to develop projects.
     o Stan: Can alumni make use of the resources, specifically younger alumni interested in starting new ventures right after school?
     o George – They’ve looked into young folks staying on campus to encourage them to work on startups, rather than work in industry. It is difficult.

   Open Action Items:
New Action Items:
ACTION: Owner – None

IV. Development Office Report (G. Hain)
• Gave a report to the Board of Overseers
• Raised $12.8M last year, with a goal of $17M. Hoping for $20M.
  o Leading the way with endowed faculty support.
• Funded the “Glandt I” Chair with $3M, currently raising “Glandt II” with $2.25M, and hopefully, a “Glandt III”.
• Six endowed chair are in the pipeline.
• This coming year will be a huge year in honor of Dean Eduardo Glandt.
• Hopefully, they will be able to push a few gifts into next year.
• Annual giving is doing well: Expect another record year.
• Early reports on where the SEAS tent will be for Alumni weekend. Looks like SEAS will be behind the Sweeten center.
  o Tents will be throughout campus.
  o Respond to critique that there is no parade through campus.

Open Action Items:

New Action Items:
ACTION: Owner – None

V. Career Services Report (R. Pyne)
• Preliminary report: class of 2014 survey of graduating seniors
  o 96.6% response rate.
  o The highest starting salary of all schools.
  o 90% of students had offers before graduation
  o 60% got jobs through career services offices.
  o 4% were seeking. 20% full-time grad study.
  o Not including signing bonuses or stock options
• SEAS Council has been contacting them.
• Use LinkedIn to narrow down alumni.

Open Action Items:

New Action Items:
ACTION: Sevile – append survey to the minutes
VI. Old Business:

a. Approval of the October 10, 2014 Minutes (Directors)
   • Approved.

Open Action Items:

New Action Items:
ACTION: Owner – None

b. Action Items from October 10 Minutes (S. Mannickarottu)

   • Matt – Follow up with Rosette to identify the alumnus who was a panelist at the panel for the NYC Economic Development Tech Talent Draft – following up and has another contact.
   • Dawn – Send a blurb to Matt to send out to the listserv about the SWE event. - Done
   • Matt - Send out a reminder about the Back to Penn Engineering event, the SWE event, and the MEAM event, on the list-serv. - Done
   • Everyone – Stan requests that all board members attend the homecoming event – Done

Open Action Items:
ACTION:


c. Homecoming Debrief (S. Warchaizer)

   • Very nice – unfortunately, it was especially cold and rainy.
   • A few members of the board but not as many as in previous years attended, probably as a result of the rain.
   • Gabrielle – 110-120 attended.
   • Thrilled with the attendance even with the rain.
   • Russ – who might have the pictures? Gabrielle will get them.

Open Action Items:
New Action Items:

**ACTION:**

d. **Back to Penn Engineering Debrief (A. Schultz)**
   - 3rd annual back to Penn Engineering event.
   - Six Penn alumni were in attendance.
   - Dr. Lee was interesting and a terrific lecturer.
   - Saw slides of quad rotors, as well as a competition in which Penn Engineering competed and won.
   - Moved to the Detkin Lab. There, the students were learning from Sid, Dr. Lee, and the TA about how to setup their projects.
   - Stan: Amazing what the freshmen have to do by the end of the year: input sensors, output, and processing.
   - Matt: Remarkable how the invention of the modularity has helped with things.
   - Matt: Thank you all for attending!
   - Hank: Wanted to attend but got stuck in a traffic jam.

Open Action Items:

New Action Items:

**ACTION:**

e. **ASME Panel Discussion Debrief (J. Olman)**
   - Small panel discussion. There were 5 alumni and 25-30 MEAM students.
   - Jay got one response from Matt’s email to the list-serv. The responded asked to be included in future events.
   - Dr. Katherine Kuckenbecker was there and helped to moderate.
   - Went very nicely and the students were happy to have us.
   - Matt: Did they have a networking opportunity? Jay: Yes.
   - Rosette: Was there dinner? Jay: There was dessert.

Open Action Items:

New Action Items:

**ACTION:**
f. BE Alumni Event Debrief (S. Mannickarottu)
   • It was a two hour reception and networking event for BE Alumni.
   • Held on the Saturday of homecoming from 6-8pm in the Glandt forum of the Singh Center.
   • It was hosted by BMES, the BE Department, and EAS.
   • Nishal, who’s on the committee, and I served primarily in helping to identify and target alumni, and during the event, we provided wristbands and drink tickets to alumni.
   • Name tags for all the alumni.
   • There was a limited number of spots for students – they had to RSVP using a Google Form and pay $5. This was to guarantee their attendance.
   • Alumni could RSVP through another form. It was set up for the alum to either put their LinkedIn profile or a brief bio. If they provided a LinkedIn profile, the BMES reps would create a bio which they then handed out to the students. The event was free to alumni.
   • There were about 25 undergrads and 25 alumni in attendance. One faculty member attended.
   • Most of the alumni attending were recent, but it’s good to initiate a relationship.
   • I will be reaching out to the alumni soon to get them to join our LinkedIn page, and mention involvement with the board and our distribution list.
   • Event went really well.

Open Action Items:

New Action Items:
ACTION:

VII. New Business:

a. EDAB Updates (S. Mannickarottu)
   • EDAB –
     • Met with a representative of EDAB.
     • They have a Professional Development Initiative which emphasizes the development of soft professional skills amongst undergrads: team work, presentations, etc.
     • They would like to have a student-alumni “Coffee chat” where students have a chance to meet with alumni who can discuss how they use these skills.
• The alumni can be of any career background.
• I suggested that that we could invite the board before one of our meetings. She will be getting back to me.

Open Action Items:

New Action Items:
ACTION: Sevile – Follow up with Matt to determine dates

b. SWE Update (D. Becket)
• Reaching out to SWE
• SWE’s Outreach committee responded and requested the board to help them get women with professional engineering experience as a speaker for some outreach events to middle school girls.
  • Sent out an email to the EAS list-serv through Matt
  • Unfortunately, did not get a single response.
  • Matt: Hand picking seems to work the best.
  • Rosette: That’s true – and it is difficult!
  • Matt: In the future, Sevile could provide contact list.
• Corporate dinner SWE folks are reaching out to Dawn.
  • Liked that Farnia, from last year, had a very interesting and different experience from previous dinners.
  • Will reach out to Farnia to find speaker. Farnia: Sure!
  • Rosette has given them names too. They advertised at the career fair.

Open Action Items:

New Action Items:
ACTION:

c. Board Participation Drive (M. Quale)
• Not yet pulled a committee together. We have a number of interested folks.
• Met recent 2009 MSE alum doing a PhD at Drexel.
• Reached out to others.

Open Action Items:

New Action Items:
ACTION:

d. Patent Presentation (T. Carlsen)
   • Thanks to Rosette, the tentative date of January 26th.
   • Will be reaching out to folks that Harry Vartanian sent him.
   • After that, will go over the details.
   • With the Penn Center of Innovation, Tim thinks it would be quite popular.
   • Hank: I have a contact if interested. Tim: Please forward and will reach out.
   • Matt: Sent you contact, Lawrence Ashery. I can resend.
   • Part formal presentation, part Q&A.

Open Action Items:

New Action Items:
ACTION:

e. Alumni Society Awards (J. Brennan)
   • Awards committee is focusing on Yarnall award. Reviewed a list of a dozen very qualified folks.
   • Narrowed down and have a candidate.
   • Jim: Motion to approve candidate.
   • Motion approved.

Open Action Items:

New Action Items:
ACTION: Matt: Send Jim the template letter
ACTION: Jim: Send letter out

f. Speaker Series (R. Berkovits)
   • Due to illness, the speaker for the evening had to cancel.
   • Asked if it should be done in January.
   • Matt: Sure.

Open Action Items:

New Action Items:
ACTION:

g. Mentoring/Externship Update (P. McLaughlin)
   - The Externship program is now in its second year.
   - We are in the time of soliciting volunteers.
   - Externship is seeking alumni to host students to visit companies.
   - Open to sophomores.
   - Had placement of 45 students
   - Already have about 30 volunteers.
   - Uncertain if they will do the May event – they had a lot fewer participants in May.
   - Rosette: It is a one day event and there’s no fee for the alumni. Students have to take care of travel; half day or full day.
   - Paul – ran into issues with HR folks who felt it was a recruiting event. That’s not what it is – it’s a day in the life.
   - Mentoring:
     - Now in its 13th year
     - Had a successful year
     - 78 students in the program
     - 73 matches.
     - 164 alumni who volunteered to mentor a Penn student.
     - Wide range of countries.
     - Can be done remotely.
     - There will be kickoff event soon.
     - Students have an opportunity to review the match.
     - The intent is that it is up to the student to reach out to the mentor.
     - Rosette: sent a post card to their permanent address to encourage parents to encourage their children.
     - Rosette: Thanks Paul

Open Action Items:

New Action Items:

ACTION:

h. EAS Website / Social Networking (R. Miller)
   - In the interest of time, this update was postponed.

Open Action Items:
New Action Items:

ACTION:

i. Around the Table (All)
- Russ: To George: Started seeing calls from private caller with a Pittsburgh area code. It turned out that it was the Annual giving callers. George: The number should appear as from Penn. Russ: Date for July BBQ? Not yet.
- Alan: Happy Holidays! Will be travelling in Florida so will be unavailable in January.
- Matt: Board appreciation night: January 31st.

New Action Items:

ACTION:

j. Adjournment (M. Quale)
- Adjourned at 7:10 pm.

The next meeting is scheduled for January 12, 2015 at 6:00pm in Room 307 Levine Hall (Location to be confirmed).

Minutes prepared and submitted by Sevile Mannickarottu.

Career Services Preliminary Career Plans Survey – Class of 2014 attached.
School of Engineering & Applied Science
Preliminary Career Plans Survey - Class of 2014

363 Degrees Awarded
Full-time Employed: 244 (70%)
Short-term Employed: 5 (2%)
Seeking Employment: 15 (4%)
Other Pursuits: 5 (1%)

351 Responses – 96.6% response
Full-time Graduate Study: 71 (20%)
Seeking Graduate School Admission: 7 (2%)
Post-baccalaureate Studies: 4 (<1%)

Full-time Employment by Industry
- Technology: 31.4%
- Manufacturing: 12%
- Consulting: 16.9%
- Finance: 23.1%
- Other: 2.9%
- Energy: 4.1%
- Education, Research/Labs: 2.5%
- Healthcare: 1.7%
- Government: 1.2%
- Real Estate: 1.2%

Graduate School Degree Programs
- Masters: 48%
- PhD: 39%
- MD: 12%
- VMD: 1%

University On-Campus Recruiting Activity
Total Number of Employers: 380
Total Number of Scheduled Interviews: 11,692

Range and Average Number of Job Offers Received Per Graduate

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<tr>
<th>Source of Offers</th>
<th>Range</th>
<th>Average</th>
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<tbody>
<tr>
<td>On-Campus Recruiting Offers</td>
<td>1 - 12</td>
<td>2.06</td>
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<tr>
<td>Career Services Offers (Career Days, PennLink)</td>
<td>1 - 4</td>
<td>1.53</td>
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<tr>
<td>Offers from sources other than OCR and C.S.</td>
<td>1 - 8</td>
<td>1.64</td>
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<tr>
<td>All Offers Combined</td>
<td>1 - 20</td>
<td>2.42</td>
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Average Salary: $74,452
Range: $24,000 – $150,000

90% received their job offer by May 2014
*210 Reporting

60% of Engineering graduates received their job offer through Penn-affiliated options (i.e. Career Fairs, Job Postings, On-Campus Recruiting)