Welcome!
3rd General Body Meeting
Upcoming Events

&

SHPE News
SHPE T-shirts for sale!  ter.ps/shpeshirt
$12
Conference Prep Series
Workshop #1: Resume Workshop with SHPE DC

When: THIS Wednesday, October 21, 2015
Time: 6pm
Where: 1107 KIM
Thanks to those who came out to our bowling event!
Internal Affairs Update

- Internal VP & Marketing VP Cabinet meeting
  - October 20 (tomorrow) 6-7 PM
  - SHPE Lounge

- Positions Include:
  - Historian
  - Academic Chair
  - Social events
  - Banquet Chair (in need)
  - Graphic Designer
External Affairs

News
Regional Events
Director
Karn Randhawa
**Two cabinet positions available**

**Junior 1st Lego Robotics Program Director**
- recruiting volunteers, coordinating workshops

**Parkland Magnet Middle School Liaison**
- coordinating events, establishing mentor-mentees relationships

External Affairs Cabinet Positions
SHPE USPTO Noche de Ciencia

Date: Thursday - November 5, 2014
Location:
T.C. Williams High School
3330 King St, Alexandria, VA 22302
Time: 6:00pm-8:00pm
Parent Workshops: 6:00pm-7:15pm
STEM Expo: 6:00pm-7:50pm
Technological Affairs Update

Committee meeting time:
Thursday - 5pm
The Promise
The Reality

SO YEAH, IF EVERYONE COULD STOP ASKING ME IF I HAVE A JOB YET,

THAT WOULD BE GREAT
Secure your future

SENT RESUME

Y U NO CALL BACK
Engineering Jobs

- Consulting
- Environmental Health and Sciences
- Information Technology
- Manufacturing Engineer
- Process Engineer
- Project Engineer
- Quality Control
- Research and Development
- System Engineer
Non - Engineering Jobs

- Education
- Management
- Marketing
- Public Relations
- Patent Agent
- Sales Engineering
Start Ups!

WE'RE DEVELOPING A FREE VACCINE TO END HIV AND AIDS.

WATCH THE VIDEO
Government

- The Nuclear Program with the U.S. Navy (NUPOC)
- CIA
- FBI
- Engineering Jobs with Agencies
Service

Peace Corps

AmeriCorp
Post - Baccalaureate Position!

- Don’t feel prepared for grad school?

Post Bac’s prepare you for heavy amounts of research!
Post-Baccalaureate Opportunities!

- Jobs
  - Engineering
  - Non-Engineering
- Service
- Professional School
- Graduate School
  - Non-Engineering
  - Engineering / Science
Professional Schools

- Dentist
- Medical
- Law
- Optometry
- Pharmacy
- Theology
## Professional Schools

<table>
<thead>
<tr>
<th>School Name</th>
<th>Field</th>
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<tbody>
<tr>
<td>American University of the Caribbean School of Medicine</td>
<td>Medical/Dental</td>
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<tr>
<td>Azusa Pacific University School of Nursing</td>
<td>Medical</td>
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<tr>
<td>California School of Podiatric Medicine at Samuel Merritt University</td>
<td>Medical/Dental</td>
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<tr>
<td>California Western School of Law</td>
<td>Law</td>
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<tr>
<td>Drexel University College of Medicine-Office of Professional Studies</td>
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<td>Irvine University School of Law</td>
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<td>Santa Clara Law</td>
<td>Law</td>
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<tr>
<td>Southwest College of Naturopathic Medicine</td>
<td>Medical</td>
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<tr>
<td>University of Medicine and Health Sciences, St. Kitts</td>
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<td>Law</td>
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Complementary Degrees - MBA and M.S in Engineering Management

- In today's world, it is important to be able to integrate technical AND business skills.
- Gain a great competitive advantage in finding a job.
- Important degree if:
  - technology leadership
  - industrial management
  - R&D management
  - tech entrepreneur in start up company
Graduate School

- Graduate with Bachelors (B.S./B.A.)
- Masters of Science (M.S.)
  - Plan I – Thesis (About 2 Years)
  - Plan II – Comprehensive (About 1 Year)
- Doctor of Philosophy (Ph.D.)
  - Research / Dissertation (About 5 Years)
Grad School

• Classes
  – 1-1.5 years of classes (mostly electives)
• Research
  – Investigate
  – Experiment
  – Share
  – Thesis
• Teaching

In engineering/science, you get paid to do your PhD!
Basic Requirements

• Graduated with a Bachelors Degree
  – GPA Should be at least 3.0
• Take GRE test
  – Minimum required for BCOE is 300
• 3 letters of recommendation from faculty
• Online application
  – Statement of purpose
  – Future goals and research interests
• ~$80 Application fee
Grad School

Pros
- Personal Growth
- Greater Career Advancement
- Financial Reward
  - General Stipend between $20-30K
- Greater Recognition and Credibility

Cons
- Additional School loans (not in engineering)
- Later career start
- Moving away
  - Maybe a Pro?
- More homework/studying
- Can be overqualified for certain positions
Reality of Grad School

What grad schools is really like:
http://www.buzzfeed.com/jessicamisener/what-grad-school-is-really-like#.agEZ7K7g2
Research is cool!