Alpha Eta Mu Beta UIC
Student Involvement GBM
Upcoming Events

Dr. Stroscio Lab Tour
● March 1st at 1pm

Trivia Night with Professors
● March 16th at 5pm

Candle Carving
● April 3rd and 6th

GBM and Election Speeches
● April 18th

Project CURE Volunteering
● TBD
Student Org Presentations

Biomedical Engineering Society (BMES)
● Mohi Ahmed, President

Girls Who Code
● Alyssa Lopez, Teaching Assistant

Engineering World Health (EWH)
● Elise Debruyn, President

Engineering Medicine Biology Society (EMBS)
● Austin Buen-Gharib, Networker

Bioengineering Graduate Society (BGS)
● Shreya Ghosh, President

Society of Women Engineers (SWE)
● Christie Massie, Vice President
• What:
  ○ Professional development opportunities related to biomedical engineering
• When
  ○ bi-monthly meetings Wednesdays at 5PM + Weekly Project Meetings
• How:
  ○ Uic-bmes.weebly.com
  ○ Register as a national member at bmes.org and forward confirmation to treasurer.uic.bmes@gmail.com
BMES

What do we offer?

● Networking
  ○ Industry Day, Alumni Visit, Company Tours, Conferences, Mentoring Program

● Projects
  ○ 3D Printed Prosthetics, Air Filter Mask, Brain Computer Interface, Tongue Computer Interface, EEG Emotiv
Upcoming events

- Baxter Guest Speaker: Wednesday, March 1st
- Baxter Field Trip: Friday, March 10th
- Industry Day: Friday, March 31st
- Another company guest speaker and field trip: Early April (Abbott/Pfizer)
Girls Who Code

Who Are We?
- National nonprofit organization
- Goal: close the gender gap in technology

66% of female students interested/enrolled in computing programs
32% of students are 6-12 year old girls
4% of students are college freshmen

Girls Who Code Program Growth as of December 2015
- Clubs Program: 10,380 students total
- Summer Immersion Program: 1,747 students total

University of Illinois at Chicago 2016-2017
Girls Who Code

- What Do We Do?
  - @UIC - GWC Club
    - Beginners: Scratch and Python
    - Java and HTML/CSS
    - Advanced: Work on projects with prev. knowledge
  - Technovation Challenge!
    - Global competition
    - Work in teams to build an app
Girls Who Code

● How To Get Involved!

○ Program Coordinator: Edyta Dudek - edud@uic.edu

○ Summer Immersion Program
  - 7 week teaching assistant position

○ Play-Well Teknologies Summer Assistant
  - Teach kids engineering with Legos!
Create multiple low-cost medical devices for developing countries and competitions

This year’s projects: Negatoscope, Bedside Communication Device for Patients on Ventilators, and Laminar Flow Hood
EWH

- Volunteering
  - Project CURE, Expand Your Horizons UChicago, Shamrock Shuffle, Bank of America Marathon

- Outreach
  - ChE Midwest Regional Conference

Email: networkewh@uic.edu
EMBS

- Newest society at UIC!
- Subgroup of the Institute of Electrical and Electronic Engineers (IEEE)
- Whole goal - provide more access to people, information, and opportunities to develop your professional career!
Why you should join?

- Leadership role in forming the club
- Design projects, workshops, field trips, paper competitions
- Guest Speakers and Mentorship Programs
- EMBS Conferences around the world!

How to get involved?

- Become a member of IEEE and EMBS on ieee.org
- Email your receipt to the UIC EMBS President
- Luke Pretzie at lpretz2@uic.edu
Bioengineering Graduate Society

Purpose

- Conduct various academic and non-academic events to increase interaction between the BioE graduate students
- Advise, represent and enhance the professionalism of all graduate students (MS and PhD) of the BioE department

Membership

- Open to all BioE graduate students
GBMs are usually open to all. Topics covered:

- Thesis submission (Dr. James Kollenbroich)
- Prelims and Defense preparation (Dr. David Eddington)
- Resume and Cover Letter Workshop (UIC Engineering Career Centre)

Coming up:
- Careers in industry for BioE graduates
- NIH career pathways and fellowships
What is SWE?
- National educational and service organization that empowers women to succeed and advance in engineering

Mission Statement: “Stimulate women to achieve full potential in careers as engineers and leaders, expand the image of the engineering profession as a positive force in improving the quality of life, and demonstrate the value of diversity.”
What we do:

- Conferences
  - National: Fall semester at Philadelphia, Pennsylvania
  - Regional: Spring semester at University of Michigan
- Outreach Events
  - Mom, Me, and SWE
  - Introduce a Girl to Engineering
- Networking Events
  - SWEet Beginnings Brunch
  - WIEP Alumni Dinner
How to get involved:
- Next general body meeting: Tuesday Feb 21st 5pm SEO 1000
  - Guest speaker: Dr. Zaferiou from Rush University Medical Center
- Looking for volunteers for Mom, Me, and SWE
- Alumni dinner: April 18th

Facebook: Society of Women Engineers (SWE UIC)
Questions?

Email aemb.uic@gmail.com

Check aemb.uic.edu