

Student groups in mechanical engineering

www.me.jhu.edu/student.html

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ASME:

American Society of Mechanical Engineers

- The foremost organization for practicing mechanical engineers worldwide (125,000 members)
- **Benefits to students:** Scholarships, internship and employment opportunities (extensive contacts with local industry), national resume and job search services, company and plant tours, support for design competitions and community outreach, general emotional well-being
- **Membership:** www.asme.org, free student membership for first year (on application form: select the “Free Limited Membership Option”)
- **JHU student chapter:** faculty advisor: Dr. Steve Marra
- **Baja SAE car competition:** design, construction, off-road endurance races
- **Ready Set Design!** engineering outreach program for middle school girls
- Organizational meetings coming up - keep an eye on your email!

SWE:

Society of Women Engineers

- An organization dedicated to helping women achieve their full potential in engineering careers, to encourage women to pursue engineering, and to promoting the value of a diverse engineering workforce
- **JHU student chapter:** (<http://www.jhu.edu/~swe/>) coordinates networking activities, etc.
- **Faculty advisor:** Prof. Graham-Brady (Civil Engineering)
- **Membership:** www.swe.org, nominal annual student dues

NSBE (“Nez-B”)

National Society of Black Engineers

- **Mission:** “To increase the number of culturally responsible black engineers who excel academically, succeed professionally and positively impact the community”
- **JHU chapter (Hopkins Organization for Minority Engineers and Scientists):** www.jhu.edu/homes/
- **Membership:** www.nsbe.org, nominal annual student dues

SHPE (“Ship”): Society of Hispanic Professional Engineers

- **Objective:** To form a national network of professional engineers to serve as role models in the Hispanic community
- **Active student chapter at JHU:** www.jhu.edu/shpe
- **Membership:** www.shpe.org, nominal annual student dues

EWB-USA

Engineers Without Borders

- **Mission:** “To partner with disadvantaged communities to improve their quality of life through implementation of environmentally and economically sustainable engineering projects, while developing internationally responsible engineering students.”
- In past projects, JHU students participated in a sanitation project in Ecuador, as well as projects in South Africa and Honduras
- **JHU chapter:** <http://www.ewb.jhu.edu/>
- See website for membership information

MUSC

Mechanical Engineering Undergraduate Student Council

- Enables communication between undergraduate students and the faculty
- Two representatives per class, chosen by peers during the fall semester
- *MUSC will be looking to elect two reps for the freshman class in Fall and those interested should keep a lookout for an email from the council*
- **Faculty representative:** Prof. Rajat Mittal

ΠΤΣ: Pi Tau Sigma

- National honorary fraternity for mechanical engineers; members selected on the basis of academic achievement
- **Membership:** by invitation during junior and senior year
- **Faculty advisor:** Prof. Meneveau

Other Opportunities

- **Robocup:** robotic soccer design competition, JHU participants are looking for help in getting this group back up and running
- *Suggest something!*

Student groups are always looking for leaders!