Advisement Newsletter
September 24, 2020

Upcoming Events:

STEM Fair Follow-up and Negotiations:
Tuesday, September 29, 2020 | 3-4pm ZOOM Link, Handshake Link

Women in Entrepreneurship Virtual Kick-off
Tuesday, September 29, 2020 | 7-8:30pm | ZOOM link

Student Innovator of the Year (SIOY) Ideathon:
Wednesday, September 30, 2020 | 6-7:30pm | Register here.

Women in Negotiation: “Best Practices for Negotiating an Offer”
Thursday, October 1, 2020 | 3-4pm | ZOOM Link, Handshake Link

Did you know that the Electrical and Computer Engineering Department has a Slack Channel? Click here to join!
Experiential Learning Opportunities:

Clubs:

Society of Petroleum Engineers (SPE), BYU Chapter
The Brigham Young University Chapter of the Society of Petroleum Engineers is part of a global non-profit, professional organization that offers a vast network to help students succeed in their careers. The mission of SPE International is “to provide opportunities for professionals to enhance their technical and professional competence” in the oil and gas industry. As an affiliate, BYU SPE helps interested students learn more about opportunities in the energy industry, and helps connect students with jobs, mentors, and internships.

To join the club, click here. To sign up to receive emails concerning club events and announcements, click here. To visit the SPE International website, click here.

BYU SPE President: Cory Vernon
BYU SPE Advisor: Dr. John Hendengren

Engineers in Business Club
One-on-One Career Advice and Recruiting Prep
The changes this year will require you to adapt to the new way of recruiting while bringing all of your learned skills from past years. To help you prepare for this fall our Development Team will be available to schedule virtual appointments with you, where they can help you update, format, and practice presenting your resumes as well as talk you through interviewing techniques (both in person and online versions). PLEASE use this resource, our development team members are students who have been extremely successful in their job hunts and really want to help you out. You must have a resume that stands out as your face-to-face impressions are hard to create when you aren’t meeting the recruiters in person! SCHEDULE YOUR APPOINTMENT by emailing them at development.ebc@gmail.com!

BYU Student Chapter of the American Railway Engineering and Maintenance-of-Way Association (AREMA):
Learn from and network with professionals who encompass the design, construction and maintenance of railway infrastructure, including bridges, buildings, communications, electric traction, signals, support systems and track.
Become a National AREMA member by clicking here (first year is FREE for students and allows you to apply for scholarships).

American Nuclear Society
Influence the future of nuclear science and technology. ANS helps advance nuclear science and technology by providing a forum for more than 10,000 professionals and students to collaborate and share information through meetings, publications, and networking. The Society provides a unified voice in Washington and helps educate the public about the benefits of nuclear through K-12 education programs and other public outreach efforts. Join us and help change the future of nuclear! Become a member here!

Competitions:

Student Innovator of the Year (SIOY) Competition
What’s your “million-dollar idea?” Compete for a piece of $50,000 to make your idea a reality. Past SIOY competitors have gone on to get funding from ABC’s hit TV show, Shark Tank!

The BYU College of Engineering hosts a student competition each year in partnership with the Marriott School's Rollins Center for Entrepreneurship and Technology. The annual SIOY competition, open to all BYU students, has kickstarted now-successful companies Owlet, Khione, and MyoStorm over its 10-year
history. Students receive up to $400 in funding to kickstart their idea and compete for a piece of $50,000 to make their idea a reality.

- Competitors apply Fall 2020 and compete Winter 2021
- Visit SIOY.byu.edu to apply
- Questions? Email SiOY@byu.edu

**SIOY Ideathon:**
Wednesday, September 30, 2020 | 6-7:30pm | ZOOM
Present your innovative idea to your peers. Practice your presentation skills and get positive and constructive feedback about your idea. Plus... get prizes and network to build your team!
**Deadline to register is 1 pm on 9/30, register here!** Zoom link will be posted prior to event on https://engineering.byu.edu/sioy/.

**Lemelson-MIT 2021 Student Prize Competition -Applications due TOMORROW!**
The [Lemelson-MIT Program](https://www.lemelson.mit.edu/) is a nonprofit dedicated to celebrating invention and inspiring youth. We are currently accepting applications for the 2021 Student Prize. The category-based invention competition is open annually to teams of undergraduate students and individual graduate students nationwide. The categories are:

- “Cure it!” for students with tech-based inventions that involve healthcare
- “Eat it!” for students with tech-based inventions that involve food/water or agriculture
- “Move it!” for students with tech-based inventions that involve transportation or mobility
- “Use it!” for students with tech-based inventions that involve consumer devices or products

Winning undergraduate teams each receive $10,000, along with a national media campaign, exposure to investment and business communities, and a paid trip for an award celebration in June 2021. **Application are due by September 25, 2020. Click here to apply.** For more information on the Lemelson-MIT Student Prize and how to apply, visit Lemelson.MIT.edu/StudentPrize or contact Janell Ciemiecki, Awards Program Administrator, at janellc@mit.edu.

**Employment & Internship Opportunities:**
For the latest jobs and internship postings, please visit [Handshake - BYU’s online job board](https://handshake.byu.edu/). Employers who want to hire BYU graduates or offer internships to current students post job openings and campus events to this website, making them accessible to students. Just like LinkedIn, employers can view student profiles and students can network as they apply for jobs and internships. For the most up-to-date information on companies and employers, visit the Handshake website. To create a student Handshake profile, go to handshake.byu.edu and log in with your BYU NetID and password. Don't forget to download the Handshake app! Available for both iOS and Android.

**Lab 240/301 TA Positions Available**
Dr. Smalley is looking for additional 240/301 Lab TAs. They are accepting applications now! If you are interested in becoming a TA, email Dr. Smalley at smalley@byu.edu.

**Employer Recruitment Session:**
**National Security Agency (NSA) Virtual Recruitment Events**
Tuesday, September 29, 2020 | 2:30-4:00pm EDT
Thursday, October 8, 2020 | 4-5pm EDT
The National Security Agency is hosting multiple virtual events in September and October, where we will share information regarding the Security Clearance process, Student Programs, among other topics. For more information and to register, click [here](https://www.nsa.gov/psd/recruitment.htm).

**Upcoming Career Resource Events:**
**STEM Fair Follow-up and Negotiations:**
Tuesday, September 29, 2020 | 3-4pm ZOOM Link, Handshake Link
Don’t let all your effort at the STEM Fair go to waste! Remember to frequently follow up with employers you talked to. Join this workshop to learn just how you should do it and how often. Learn what things you can negotiate when you receive a job offer.

Women in Negotiation—“Best Practices for Negotiating an Offer”:
Thursday, October 1, 2020 | 3-4pm | ZOOM Link, Handshake Link
Statistics show that women are less likely to negotiate their offer when receiving a job offer, leaving you worse off than you could be. Learn how to negotiate effectively and exactly which questions you should ask before accepting a job offer.

Message from Tony Jewkes, Career Director, Engineering & Technology
As we progress through the semester with students still in need of help finding jobs and internships, please feel free to promote my services. Each week I maintain hours each day to meet with students one-on-one to help with their career search needs. Appointments can be made in the Student Services suite in 246 EB, in the Career Studio in the WSC or by calling 801-422-6535.

LEED Associate Certification Webinar:
Are you interested in jobs in clean and green energy or sustainable engineering? Join us for a webinar event to learn how you can become certified as a LEED Green Associate. The best way to break into those green energy jobs is to attain this certification. The LEED Professional Designation has helped past participants attain internships, jobs, and advanced their careers in multiple fields. Now is a great time to hold this credential. (use the discount code ‘green’ for $50 off the course price).
Dates for LEED Green Associate (GA) Training Webinar*:
• September 30 2020 – 5:00PM – 9:00PM EDT
• October 17 2020 – 1:00PM – 5:00PM EDT
• October 25 2020 – 2:00PM – 6:00PM EDT
• November 7 2020 – 3:00PM – 7:00PM EDT
• November 19 2020 – 5:00PM – 9:00PM EDT
You can register here for a webinar option. *All webinar sessions are identical
Please email info@leadinggreen.com with any questions.

Please refer to ECEn Department boards near 450 EB and 460 CB for Non-BYU Summer Research Opportunities, Internships, and Employment!

Scholarships:

Maeser Organization Winter 2021 Scholarship
We are excited to share a new scholarship opportunity that we’ve been made aware of. The Maeser organization is an anonymous network of BYU students and alumni committed to charitable giving and meaningful mentorship. The application for their Winter 2021 scholarship is available here. Please apply by September 30th and email secretary@maesers.org with any questions.

Valero Minority Engineering 2021 Scholarship
We know that during this time in our nation that many families have been met with unexpected financial challenges, so it gives Valero great pleasure to announce that we are awarding talented first-year students (freshmen) a $1,500 scholarship to assist in fulfilling their educational goals. The Valero scholarships target minority students pursuing undergraduate degrees in engineering; particularly, students with a passion for Chemical, Mechanical or Electrical Engineering, or Pre-Engineering. Eligibility requirements and application available online at: www.valero.com/scholarships. Application Deadline: February 15, 2021. FAQs and other documents are included in the site, for your reference.

Valero’s Minority Engineering Summit
Tuesday, May 18, 2021 - Friday, May 21, 2021 | San Antonio, TX
Students who are awarded the scholarship will attend Valero’s Minority Engineering Summit on **May 18-21, 2021, in San Antonio, TX**. This all-expenses-paid developmental opportunity will take place at Valero Headquarters, and consist of **four days** of learning, exploration, networking, volunteerism, and a site visit to a Valero Refinery. For questions, contact Phyllis Williams at (210) 345-2915 or email studentengagement@valero.com.