Advisement Newsletter
February 4, 2021

**Upcoming Events:**

**BYU STEM Fair: Engineering -TODAY!**
Thursday, February 4, 2021 | 9am-3pm | [Register here](#)

**BYU IEEE Student Branch Meeting with Guest Speaker Nicole May, Fast Enterprises -TODAY!**
Thursday, February 4, 2021 | 6:30pm | [ZOOM Link](#)

**BYU Leadership Association: Developing Christlike Leadership -TODAY!**
Thursday, February 4, 2021 | 7-8pm | [RSVP Here](#), [ZOOM Link](#)
Tonight at 7 PM MT the BYU Leadership Association is hosting an event over Zoom with Hank Smith centered around Christlike Leadership. Please RSVP at the link above and help us spread the word by inviting your family and friends to join us! These principles have universal application and can help everyone improve their relationships and quality of life. Hope to see you all there!

**Society of Women Engineers Valentine’s Event**
Wednesday, February 10, 2021 | 6pm | [ZOOM Link](#), [Click here](#) to RSVP before the event (see Clubs for more info)

**Weidman Center Connections Night**
Wednesday, February 10, 2021 | 7 pm | ZOOM, [Register here](#)
Breakout rooms include: “Networking in a Virtual World” with Andrea Merriman, Career Placement Liaison from Student Services and “How to Become Involved in Research Opportunities” with Brian Mazzeo, Electrical Engineering professor

**Leadership Workshop: Becoming an Expert Problem Solver**
Thursday, February 11, 2021 | 4 pm | ZOOM, [Register here](#)
Recruiters hire engineers to be problem solvers. Boost your skills! *Prizes available!* Crumbl cookies, drone, or Echo Dot.

**The BYU Summit Leadership Experience**
Friday, February 12 - Saturday, February 13, 2021 | Virtual
This virtual 2-day conference will feature influential BYU alumni, faculty, and administrators as they share their inspiring journeys and teach students how to make an impact in the world. Additionally, participants will receive a $10 BYU Store gift card and have the opportunity to win great prizes
(iPad, Apple Watch, drone, and more). For more information and to register visit the website: summit.byu.edu. One and two-day tickets are available. We are offering your students a 50% DISCOUNT by using the promo code: CONNECT. If you have questions, please contact us at 422-8659 or studentalumni@byu.edu.

**Deadline to Apply Online for June 2021 and August 2021 Graduation**

*Monday, February 15, 2021 | Follow this link to apply: [https://saasta.byu.edu/auth/gradapp/](https://saasta.byu.edu/auth/gradapp/)*

**Student Innovator of the Year (SIOY) Competition**

*Final Application Deadline: February 15, 2021*

Apply today! Learn more at [https://engineering.byu.edu/sioy/](https://engineering.byu.edu/sioy/).

**Weidman Center Workshop: Overcoming Imposter Syndrome**

*Tuesday, February 16, 2021 | 7 pm | ZOOM, [Register here]*

Guest speaker: Dawn-Marie Wood, a visiting assistant professor in Behavioral Neuroscience, Diversity, and Gender Studies.

**Commercial Space Club Speaker Series: Dr. John Dankanich**

*Wednesday, February 17, 2021 | 6pm | ZOOM Link, [Register here to receive upcoming event details]*

**BYU American Railway Engineering and Maintenance-of-Way Association (AREMA) Student Chapter**

*Thursday, February 18, 2021 | 5:30pm | ZOOM, [Register here]*

**BYU Engineering 3-Minute Thesis Competition**

*Wednesday, February 24, 2021 | 3pm | ZOOM Link*

One slide. Three minutes. Watch College of Engineering student finalists compete toward the university competition for a chance to win $2,000!

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**Resources for Student Success**

★ ONE CLICK AWAY! ★

BYU’s Academic Support Office has compiled a One Stop Shop for various campus resources for student success, including a live chat feature! Please use this link to be aware of and find the many out there that are available to you: [https://aso.byu.edu/academic-and-campus-resources](https://aso.byu.edu/academic-and-campus-resources)

Career Services · First Year Mentoring · Multicultural Services · AND MORE!

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**Experiential Learning Opportunities:**

**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.

**Deadlines Changed:**

*Final Application Deadline: February 15, 2021*

Apply today! Learn more at [https://engineering.byu.edu/sioy/](https://engineering.byu.edu/sioy/).
BYU IEEE Student Branch Meeting with Guest Speaker Nicole May, Fast Enterprises -TODAY!
Thursday, February 4, 2021 | 6:30pm | ZOOM Link
We are excited to have our first meeting of the semester this Thursday! There will be a guest speaker from FAST Enterprises, Nicole May. She will be talking about her rapidly growing company, as well as resume preparation, interview, and other career tips. Please join us and feel free to invite your friends as well!

Society of Women Engineers Valentine’s Event
Wednesday, February 10, 2021 | 6pm | ZOOM Link, Click here to RSVP before the event
Join us for an evening of good feelings and good fun while we write encouraging Valentine’s notes to other women in the college! Those who attend will receive their own notes of encouragement from their fellow femme engineers and will also be able to participate in a fun game for a grand prize! Pick up materials and a treat bag before the activity from Terri Bateman at EB 230 on Tues or Thurs between 11am-3pm. Text or call her at 801-831-0227 when you are outside the room.

Engineers in Business Club: Leadership Applications
If you are interested in continuing with the mission of the EBC club in helping to place people of faith into positions of influence and power then we hope you will apply to be one of the EBC Co-Presidents for the year 2021. Apply here for the Co-President position.
Applications close on February 15th, Ian and Bryson will be reaching out via text or email for interviews and two new Co-presidents will be selected by February 18th.

Commercial Space Club Speaker Series: Dr. John Dankanich
Wednesday, February 17, 2021 | 6pm | ZOOM Link, Register here to receive upcoming event details
The guest speaker will be Dr. John Dankanich, Chief Technologist at NASA’s Marshall Space Flight Center and Expert in Propulsion Technology Development. Come listen to prestigious speakers talk about space, entrepreneurship, and their experiences in the industry.

BYU American Railway Engineering and Maintenance-of-Way Association (AREMA) Student Chapter
Thursday, February 18, 2021 | 5:30pm | ZOOM, Register here
Three Senior Engineers from WSP International (Canada) will be speaking to the BYU AREMA Chapter. These engineers will address the electrification of various rail projects they have worked on. Our speakers, Jennifer Verellen, Mustafa Mirza, and Dr. He Yan will present and then open the floor for questions from students.

Employment & Internship Opportunities:
For the latest jobs and internship postings, please visit Handshake - BYU’s online job board. 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.

Research Assistant Needed in Autonomous Systems
Help develop and integrate collision avoidance algorithm for electric vertical take-off and landing vehicles (eVTOL). Requirements include strong programming skills (Python and C++) and strong problems solving skills. Students who have taken, or are currently taking ECE 483/ME 431 are preferred, but not required. RC aircraft experience is a plus, but not required. Interested students should contact Dr. Beard at beard@byu.edu.
Employer Info Sessions:

Raytheon Engineering Virtual Open House - TODAY!
Thursday, February 4, 2021 | 1pm
At our virtual open house, you’ll learn more about what it’s like to work at Raytheon Missiles & Defense and have the opportunity to chat live in our video virtual tool with our recruiters and hiring managers.
Register Here: [https://app.brazenconnect.com/a/raytheon-ids/e/Y5B50](https://app.brazenconnect.com/a/raytheon-ids/e/Y5B50)

BYU STEM Fair: Engineering - TODAY!
Thursday, February 4, 2021 | 9am-3pm | Register here
Don't miss this opportunity to connect with recruiters and secure your internships and full-time roles!
Please note that this fair will be hosted on Handshake and you will need to sign up for times to speak with recruiters. Click here to familiarize yourself with a fair in Handshake.
Here are some helpful tips:
1. Sign up for sessions with popular employers ASAP.
2. Pick one or two less-known employers to visit with.
3. Research companies you’re interested in in advance and come with good questions.
4. Send follow-up thank you emails to employers after the fair.

University Career Center
If you would like EVEN MORE help in your job or internship hunt, the Career Center at BYU is happy to help! You can call 801.422.3000 to schedule a Zoom appointment (or phone appointment if you prefer) to get help, resources, and ideas they have to share on the job hunt! The career services are free, and you can meet with them as often as you would like!

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.

Research Opportunity:

MIT Undergraduate Summer Research Internship Program
Wednesday, June 9 - Friday, August 13, 2021 | Cambridge, MA
The MIT Materials Research Laboratory and the Materials Research Science & Engineering Center sponsor a summer research internship program for rising junior and senior undergraduates in the science and engineering fields. This 9-week Undergraduate Research Program is currently planned to be hosted virtually in Summer 2021. If circumstances change and the program can transition to on-campus, additional support will be available for housing and reasonable travel costs. Students will learn and perform research in a broad selection of materials science subfields. In addition to providing a $5000 stipend, we will have presentations and group discussions on topics relevant to materials scientists, such as graduate school, careers in materials science, creating effective poster presentations, and management of intellectual property. At the conclusion of the program, the students present their individual research results at a virtual poster session. The application deadline is March 15, 2021 (rolling admissions). Applicants will be selected and notified by April 1, 2021.
Online application: [https://mitmrl.submittable.com](https://mitmrl.submittable.com)
The summer scholars’ program is funded by the National Science Foundation REU program (grant number DMR-1419807). MIT is an equal opportunity employer. Women, minorities and persons with disabilities are encouraged to apply.

Please refer to ECEn Department boards near 460 CB for Non-BYU Summer Research Opportunities, Internships, and Employment!
Please refer to ECEn Department Advisement Board outside of 450 EB and 460 CB for non-BYU scholarship opportunities.

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