EECS Undergraduate Announcements for March 11, 2019

Paid VR Modeling/Development Position

The Michigan Bioastronautics and Life Support Systems (BLiSS) group is currently working on a project to design a medical workstation for a mission to Mars. We have a basic workstation model in SolidWorks but need assistance with a final VR deliverable for NASA.

We are seeking to hire a motivated individual that is familiar with VR to turn our workstation design into a VR model. Interested individuals should contact: Annika Stoldt, astoldt@umich.edu.

Out for Undergrad Application Round One is Open

The 2019 O4U application is now open! This is a weekend-long professional development conference for high achieving, high potential LGBTQ+ undergraduate students who are studying engineering or interested in going into engineering.

This year’s O4U Engineering Conference will be held at Boston Scientific in Minneapolis, Minnesota from September 27th to September 29th. The application deadline for round one admissions is March 23rd, 2019 at 11:59 PM (EST).

Students are admitted to attend the conference on a rolling basis. Flights and hotels are covered entirely by O4U, so if students are admitted from your college/university, they will only have to pay the $90 registration fee. We also offer fee waivers, discounts, and payment plans to students who are not able to afford the registration fee.
If you would like more information about Out for Undergrad (O4U) or the O4U Engineering Conference, you can learn more about it on the website here: https://www.outforundergrad.org/.

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**Fall Scholarship Available**

Apartment Guide is giving away two $2,500 scholarships for the Fall 2019 semester. Information and applications are available at: apartmentguide.com/students/scholarship

Applications are now open and will be accepted until April 12, 2019.

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**CoE Peer Mentor Program: Become a Mentor!**

The CoE Peer Mentor Program is accepting applications for Mentors for next year's first-year students into the College of Engineering. This is a wonderful opportunity to get involved with an organization and continue to develop skills in leadership, communication, organization, and networking. For more information on the CoE Peer Mentor Program, please click here. Please direct any questions to: coementoring@gmail.com. Applications are being accepted through March 11th. APPLY NOW

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**Fall 2019 Course Announcement**

**Engr 405: Problem Solving, Troubleshooting, Entrepreneurship, Intrapreneurship and Making the Transition to the Work Place**

This is a great class that will help you learn how to solve real-world problems, regardless of your major. You can also see a video about the class at:

https://www.youtube.com/watch?v=AGhNmHvJQmg

**Engr 405: Problem Solving, Troubleshooting, Entrepreneurship, Intrapreneurship and Making the Transition to the Work Place**

Prof. H. Scott Fogler, co-author of *Strategies for Creative Problem Solving*
The goals of this course are to help students hone and enhance their problem solving, critical thinking, creative thinking, and troubleshooting skills and to ease the transition from college to the workplace. Topics include Structured Critical Reasoning, Kepner-Tregoe analysis, Duncker Diagrams, Vertical and Lateral Thinking and Futuring. The “Do’s” and “Don’ts” on your first permanent job will also be presented. Students will work in teams to carry out home problems, in-class problems and presentations and the term project. The term project will be to work with a local business or a university department to find and solve problems in their operations. See flyer for more information.

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**Supported Undergraduate Positions on Summer Research Teams**

The ETS (École de technologie supérieure) in Montreal, Canada is hosting the Sixth Frederick Jelinek Memorial Summer Workshop ([https://www.clsp.jhu.edu/workshops/19-workshop](https://www.clsp.jhu.edu/workshops/19-workshop)). We are seeking outstanding members of the current junior class to join a summer research workshop on language engineering from June 24 to August 3, 2019.

The 8-week workshop provides an intense intellectual environment. Undergraduates work closely alongside senior researchers as part of a multi-university research team, which has been assembled for the summer to attack some problem of current interest.

The teams and topics for summer 2019 include:
* Speaker Detection in Adverse Scenarios with a Single Microphone
* Distant supervision for representation learning in speech and handwriting
* Improving Translation of Informal Language
* Using Cooperative Ad-hoc Microphone Arrays for ASR
* Neural Polysynthetic Language Modeling

We hope that this stimulating and selective experience will encourage students to pursue graduate study in human language technology, as it has been doing for many years.

The summer workshop provides:
* An opportunity to explore an exciting new area of research
* A two-week tutorial on current speech and language technology
* Mentoring by experienced researchers
* Participation in project planning activities
* Use of cloud computing services
* A $5,600 stipend and $2,500 towards per diem expenses
* Private furnished accommodation for the duration of the workshop
* Travel expenses to and from the workshop venue

Applicants apply via a form on the workshop’s page (http://www.clsp.jhu.edu/workshops/current). Applications should be received by Friday, March 15th, 2019. The applicant must provide the name and contact information of a faculty nominator, who will be asked to upload a recommendation letter by March 23, 2019. Please note that the application will not be considered complete until it includes both the C.V. and the letter.

Barger Leadership Institute

Are you interested in evolving as a leader? Do you need funding to support your idea/project/event? Have you been looking for networking opportunities here and across the globe?

The Barger Leadership Institute invites you to enroll our ALA 170 - BLI Leadership Lab, a one credit, half-semester class is specially designed to help you develop the skills and confidence to grow as leaders. Group exercises and a self-designed team project allow you to practice and reflect on key leadership roles. Your experiences in the Leadership Lab will help you to be more confident and successful in your work on campus, in your community, and in the world. This semester’s Leadership Lab starts March 11th, and the class options are:

Monday | 7:00-9:00 PM | #29837  
Tuesdays | 6:00-8:00 PM | #29869  
Wednesdays | 4:00-6:00 PM | #29870

To join the BLI, please fill out the membership form first, then register for the Leadership Lab by the first day of class!

NANO SEMINAR: Wednesday, March 13th,  
Dr. Matthew Guidry (UCSB)

Title: Characterization, Modeling, and Design of N-polar GaN Devices for mm-Wave Power  
Speaker: Dr. Matthew Guidry (UCSB)
NANO SEMINAR: Tuesday, March 12th, Prof. Hong Tang (Yale)

Title: Integrated $\chi(2)$ Photonics
Speaker: Professor Hong Tang (Yale)
Date: Tuesday, March 12th
Time: 10:30am - 11:30am
Location: 1200 EECS

*This information is sent on behalf of the individuals listed in each announcements. These opportunities are not directly affiliated with the EECS Undergraduate Advising Offices.*

www.eecs.umich.edu