Intern with Fiat Chrysler in Italy this Summer:
Application Deadline Extended Until November 8

Gain hands-on engineering experience in Italy this summer by interning with Fiat Chrysler Automobiles (FCA).

FCA is seeking multiple U-M engineering students for paid internships in their World Class Manufacturing Center in Turin, Italy this summer. Undergraduate CoE students who are sophomores and above with a 2.75 GPA (and who will not graduate before December 2018) are welcome to apply. FCA is especially seeking students from the following majors (though all majors are welcome to apply): CE, CS, Data Science, IOE, ME.

This position is part of the College of Engineering International Internship Program.

View the full position description [here](#).

Questions? Contact Jill Coughlin, CoE International Internship Coordinator. jillianp@umich.edu.

---

**Broad Institute of MIT & Harvard Summer Research Program**

The Broad Summer Research Program (BSRP) offers students with a demonstrated commitment to promoting diversity and inclusion in STEM disciplines the opportunity to conduct intensive research in a collaborative community. Students from groups that are underrepresented in the sciences are especially encouraged to apply.

BSRP participants spend the summer performing original computational or experimental-based research in labs across the Broad Institute’s research areas, from cancer to infectious disease to computational biology. In addition, the program features a rich curriculum outside the lab that emphasizes career development, personal development, and teamwork in a small cohort. For more information, [click here](#).

Deadline: January 8, 2018

---

**Broad Institute of MIT & Harvard Postbac Program - Computer Science**

An innovative, two-year program run jointly by the Broad Diversity, Education and Outreach Office and the Cancer Program, BCGS offers participants a comprehensive, structured and immersive experience that includes groundbreaking research and academic and career guidance. BCGS participants will carry out research as paid, full-time Associate Computational Biologists or Research Associates, working alongside leading scientists within the Broad Cancer Program.

Eligibility - seniors or recent graduates who majored in the biological, physical or computer sciences, engineering or mathematics, and are interested in pursuing a graduate degree (M.S., Ph.D., M.D./Ph.D. For more information, [click here](#).
**Winter 2018 Course Announcement: ME 499 Front-End Design**

Join ME 499: Front-End Design in W2018 (MW 1-2:30, 1018 Dow) focused on design process, focusing on opportunity discovery, problem identification, users and stakeholder research, design ethnography, and creating innovative solutions. The course covers expert methods to achieve design success, with readings on best practices and empirical evidence.

Coursework includes a project in an area of application. Students across disciplines who are interested in human-centered and creative aspects of design are encouraged to join the course. Diverse backgrounds will enrich course discussions.

Course registration requires permission of the instructor. If you would like a place in this course please send a brief note to Dr. Shanna Daly (ordaly@umich.edu) describing why you would like to be in the course.

**Global Health Design Opportunity**

The U-M Global Health Design Initiative (GHD) application for the Design for Global Health Academic Program is open! This program consists of a summer fieldwork experience in Michigan, Ethiopia, Ghana, or Kenya to inform a novel design project to be completed during Fall 2018. Participants will gain extensive design experience and exposure to health care practices in low-resource settings.

This opportunity is open to engineering and non-engineering students with senior standing by Fall 2018.

Apply now on MCompass at https://mcompass.umich.edu/?top=GHDghgh. The priority deadline to apply is December 3, 2017. Applications will be accepted on a rolling basis after the priority deadline.

Information sessions will be held on the following dates:

- Tuesday, November 15th @ 6pm in CSED Space (3360 GGB)
- Wednesday, November 28th @ 6pm in Shapiro Design Lab (1st floor UGLI)

Please feel free to contact globalhealthdesign@umich.edu with any questions!

---

**Hack-A-Thon**

**Strategic Design for Year Two**

**Wednesday, November 8**

7:00–8:00 p.m.

Chemistry Building, Atrium

**SIGN UP HERE!** Walk-ins are welcome. Pre-registration is optional but helps with organizers’ planning.

In honor of the University-wide DEI Student Summit, LSA will work with students to design strategic models to inform the College for year two of our plan. Interested students are invited to join us for a “hack” session to respond to, critique and improve six concrete initiatives to achieve diversity-related goals.

Sign up for one - or more - hacks and then join us on November 8th for hands-on sessions. You’ll work with peers to revise, comment on, or totally revamp these initiatives.

Learn more about the campus-wide initiatives at the Student Life Diversity Summit at
5:30 p.m., and then join us in the Chemistry Building atrium to speak up about LSA-specific initiatives and hack the LSA plan with us. Dean Martin and other LSA representatives will be available to answer questions and chat starting at 6:30 p.m. Ready to challenge yourself and hack the LSA Strategic Plan?

Hack #1 - Train the Trainer: Building Inclusive Classrooms
Challenge/Opportunity: LSA has over 1,200 faculty members and over 3,000 classes per term. Our plan is tailored to this reality. Create an online DEI training module for the faculty, incentivize them to use it.

Hack #2 - Train your Peers: The 30 for 80 Model
Challenge/Opportunity: The 30 largest courses on campus reach close to 80% of the undergrad population. Create a flexible module for implicit bias training for use in these classes.

Hack #3 - Mapping R&E: Defining Student Driven Possibilities
Challenge/Opportunity: We assessed the degree requirement and are continuing to implement changes, but we want more students to be involved. Help us to rethink the “Student Advisory Board” model, and create a user driven (aka student-centered, peer-to-peer) map of R&E courses to guide new LSA students in understanding the requirement and selecting courses.

Hack #4 - Dialogue and Ideological Diversity: The Democracy in Action Model
Challenge/Opportunity: We increasingly live inside of ideological echo chambers and struggle to talk across differences. Hack the design of The Democracy in Action Fund.

Hack #5 - Shift Campus Climate: Forming a Critical Mass
Challenge/Opportunity: It’s a big campus! LSA has over 17,500 undergraduates, not all of them are equally engaged. You probably can’t reach everyone. The key, we think, is creating critical mass. Hack the design of the LSA Inclusive Campus Corp.

Hack #6 - Optimized Transfer Students: Building Bridges to U-M
Challenge/Opportunity: LSA has committed to increasing the number of transfer students to 1,200-1,300 per year. We want a major percentage from community colleges. We want to build “transfer bridges.” Hack the plan to use co-curricular orgs like optMize to create them.

Insomnia cookies & hot chocolate provided!

For more information on each hack, visit the event page.

Questions? LSAhacksathons@umich.edu

---------------------------------------------------------

**WAVE Fellows Program: Apply Now!**

The WAVE Fellows program provides support for talented undergraduates intent on pursuing a Ph.D. to conduct a 10-week summer research project at Caltech.

The program aims to foster diversity by increasing the participation of underrepresented students in science and engineering Ph.D. programs. The program is extended, but not limited, to underrepresented minorities, women, first-generation college students, geographically underrepresented students, educationally or financially disadvantaged students, and students with disabilities.

Eligibility: Students must be current sophomores through non-graduating seniors and must be U.S. citizens, U.S. permanent residents, or have DACA status. A minimum GPA of 3.2 is required.

Competitive applicants will have prior research experience and can articulate how their research interests align with Caltech’s research areas.

Support: WAVE Fellows will receive a $6000 award for the ten-week program and an additional $500 housing/travel supplement.

Application: Online applications are due January 12, 2018.

For more information, visit [http://www.sfp.caltech.edu/programs/wavefellows](http://www.sfp.caltech.edu/programs/wavefellows)
How can your innovative technology solution solve the world's most pressing social and environmental problems?

The Cisco Global Problem Solver Challenge is an open call for innovative technological solutions for the greater good. The winning team will receive $100,000 to help advance their technology-enabled solution toward the market. Up to 9 more teams will receive between $75,000 and $10,000. Register your team for the challenge in just a few minutes and the deadline for full submissions is December 1, 2017 at 5pm PT. Register today at https://cisco.innovationchallenge.com/cisco-global-problem-solver-challenge-2018

-----------------------------------

**CCS Recruitment Event**

2:30-4:00pm on November 9th

**East Hall Math Department Conference Room 2070**

Hester Graves, a U of M alumni, is coming to our campus to recruit students from math and computer science undergrad and grad programs. She will be here in East Hall Math Department Conference Room 2070, 11/8 2:30-4:00 pm to talk about careers at the Center for Computing Sciences. *(Please see the information below)*

She is interested in both Math and CS undergrad and grad students.

The Center for Computing Sciences (CCS) is a non-profit R&D organization which works closely with the National Security Agency (NSA) and many partners to develop computing technologies tailored to the demanding requirements of national-security-related computations. The CCS research staff has expertise in computer science, mathematics, computer architecture, electrical engineering, information theory, and the natural sciences. CCS’s portfolio includes topics such as high-end computing, cryptography, network security and related cyber issues, signal processing, advanced techniques for analyzing extremely complex data sets, and alternative computing paradigms.

-----------------------------------

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

www.eecs.umich.edu