Computational Biology Summer Program (CBSP)

Applications are invited from computer science & applied math undergraduate freshmen, sophomores, and juniors interested in pursuing research at the interface of computer science and biomedicine for a summer research experience. Applicants must have computer science experience and fluency. CBSP is sponsored by the Tri-Institutional PhD Program in Computational Biology & Medicine Program and Memorial Sloan Kettering Cancer Center.

The 10-week program begins on June 3 and ends on August 9, 2019. Participants will:

- Adapt their computer science skills to answer biomedically-focused research questions in cutting-edge laboratories at Memorial Sloan Kettering Cancer Center and Weill Cornell Medicine.
- Interact with faculty, postdoctoral fellows, and graduate students.
- Attend weekly luncheons/seminar series of presentations by faculty.
- Attend professional development workshops.
- Present a poster at the end of the program.
- Receive a stipend of $8,000 for the summer. Please note that we are unable to offer housing to CBSP interns.

For more information, see a full description of the program at: mskcc.org/cbso-summer

Students can complete and submit an online application at: sam.mskcc.org

Deadline for receipt of applications: February 1, 2019

Applications Now Open:
Design for Global Health Academic Program

The UM 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 Ghana or Ethiopia to inform a novel design project to be completed during Fall 2019. Participants will gain extensive design experience and exposure to healthcare practices in low-resource settings. This opportunity is open to engineering and non-engineering students with senior standing by Fall 2019.

Apply now on MCompass at https://mcompass.umich.edu/?uo=GHDdghap. The priority deadline to apply is November 11, 2018 and the final deadline is December 2, 2018.

Exploiting Disorder in Ternary Heterovalent Semiconductors to Tune Across the Visible Spectrum

Solid State Electronics Lab

SEMINAR

Co-sponsored with ECE Solid State and Nanotechnology Group and IEEE Southeastern Michigan Trident Chapter IV
Wind Energy Opportunities in Peru for students from University of Michigan

The WindAid Institute has opened applications for the beginning of 2019.

In 2018 so far we have installed four new wind turbines and updated systems in various communities; work that is only made possible thanks to our extended team of volunteers. So far in 2018 there have been 58 international volunteers that have participated in our programs, many of whom decided to come after receiving one of these emails. They continue to help us enhance the volunteer experience and increase the impact of their fantastic work such as:

R&D Involvement
We involve volunteers on all of our standard 4-week turbine construction & installation programs in the R&D projects. This year we have studied everything from blade composition to dust-free electronics development, as well as resistance and longevity of the towers. Upcoming goals are to research new battery technology and re-design the alternator for increased efficiency!

Community Engagement
A major focus of 2018 has been community outreach. Volunteer input has not only been invaluable, but necessary for improvement. Outreach projects include surveys within communities, database compiling, and long-term project planning that’s heavily focused on training local technicians.

Building Skills for the Future
We aim for every volunteer to learn as much as they can from their volunteering experience in Peru. This means that everyone who comes through our doors has the opportunity to gain hands-on engineering experience, practice working and networking with an international team, and creating a lasting impact through installing wind turbines for those without electricity. Our past volunteers have gone on to work in major corporations, been invited to do graduate studies at prestigious universities, and created connections from around the world in the sustainability sector.

We still have a few spots left in 2018, and the dates so far released for 2019 are already starting to fill! Find more information on our website, www.windaid.org, and the attached newsletter, and apply now! Please feel free to respond directly as well, we are always excited to chat about volunteering opportunities and answer any questions you may have.

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

www.eecs.umich.edu