

Opportunities Week of 11/18/16

iGEM Information Session: iGEM will be hosting another informational session for the iGEM 2017 application process on **Tuesday, November 29th at 7 PM in SAC Room 303**. iGEM is a student-run research group where students design and carry out their own Synthetic Biology project. The team will need skills from basic biology, website design, math modeling, business, and journalism in order to be successful, so all majors are encouraged to apply!

2017 Summer Program in Biostatistics & Computational Biology at Harvard T.H. Chan School of Public

Health: If you like mathematics and would like to learn how quantitative methods can be applied in the study of human health, consider applying to the Summer Program in Biostatistics & Computational Biology at the Harvard T.H. Chan School of Public Health. The program will introduce you to the power and excitement of math applications to public health, medicine, and biology, and provide you experiences that will help inform your future career path. **The Summer Program is an intensive 6-week program for undergraduates and recent graduates.** The program is geared towards underrepresented students in STEM, including racial/ethnic minorities, low-income students, first generation college students, and students with disabilities.

Program runs June 10, 2017-July 22, 2017. Application deadline is February 1, 2017

For eligibility and application, please see <https://www.hsph.harvard.edu/biostatistics/diversity/summer-program/eligibility-application/>

2017 Summer SULI Internship Opportunities: Brookhaven National Laboratory offers a summer internship program with over 100 mentors to choose from. SULI offers interns a weekly stipend, plus housing and travel expenses for students traveling more than 50 miles. Research areas include the biosciences, computation science center, and environmental sciences, as well as nuclear and particle physics, basic energy sciences, and global and regional solutions. Students must have a minimum GPA of 3.0

For more info, please see attached flyer, and apply online at <http://science.energy.gov/wdts/suli>

ScribeAmerica Positions: ScribeAmerica is currently looking to recruit students/alumni to work as Medical Scribes on Long Island. The scribe will work one on one with board certified physicians assisting with documentation for each patient evaluated by the doctor. It is an exceptional opportunity for anyone interested in medicine to gain first-hand experience following a physician in an emergency department setting. WE offer paid classroom & clinical training, with each employee having multiple training sessions both in the classroom and the department during which we teach extensive medical terminology and appropriate medical/legal charting.

For more info visit www.scribeamerica.com or see attached flyer.

Water Resource Management Green Program in Peru: The Green Program invites you to explore water and agriculture in Peru as we dive into culture and education like ever before. Now enrolling for Summer 2017: May 14th-23rd or August 6th-15th.

Learn more about the Green Program here: <http://thegreenprogram.com/?oprid=1264>

National Institute of Environmental Health Sciences Summer Internship Program: The Summer Internship Program (SIP) provides an opportunity to spend a summer working at the NIEHS side-by-side with some of the leading scientists in the world, in an environment devoted exclusively to biomedical environmental health research. Internships are for undergraduate and high school students interested in pursuing education and careers in the biomedical or biological sciences, allowing them to work on a research project while investigating environmental health issues.

For more info and to apply see <https://www.training.nih.gov/programs/sip>

iGEM Informational



November 29th, 2016

7:00pm

SAC Room 303

iGEM is a student-run research group working in the field of Synthetic Biology. All majors are welcome!

Come learn about the application process for the 2017 iGEM team!



NIEHS Summer Internship Program

The Summer Internship Program (SIP) at the National Institute of Environmental Health Sciences (NIEHS) provides an opportunity to spend a summer working at the NIEHS side-by-side with some of the leading scientists in the world, in an environment devoted exclusively to environmental health research.

Summer internships at the NIEHS are given to outstanding high school and undergraduate students interested in pursuing education and careers in the biomedical or biological sciences. Interns will work on a research project that entails exposure to the latest biochemical, molecular, and analytical techniques, while investigating environmental health issues. Scientific disciplines at the NIEHS in which interns may work include but are not limited to:

- bioinformatics
- biophysics
- cancer biology
- *clinical research*
- computer modeling
- DNA repair
- developmental biology
- epidemiology
- gene regulation
- genetics
- *molecular toxicology*
- neuroscience
- pharmacology
- pulmonary biology
- reproductive biology
- risk assessment
- signal transduction
- statistics

For more information about the kinds of research being conducted at the NIEHS, please go to <http://www.niehs.nih.gov/research/atniehs/labs/index.cfm>.

The NIEHS SIP is highly competitive, and interns are chosen by mentors based on academic achievements,



Photo by Steve McCaw

educational goals, demonstration of an interest in the biomedical and/or environmental health sciences, and letters of recommendation. Because the NIEHS SIP is an intensive educational and research experience, summer interns are expected to spend 8 to 12 consecutive weeks working full-time within the May-September timeframe.

Eligibility

- Applicants **must** be a U.S. citizen or permanent resident.
- Applicants must be currently enrolled, full-time or part-time (at least half-time), in a diploma- or degree-granting program. If you are a graduating senior, you must be enrolled in an upcoming fall semester at the next higher level of education.
- Applicants must be least 16 years old on start date.

Stipend Information

The stipends for trainees are adjusted yearly; the level depends on prior experience and level of education. For more details on current stipend levels, go to <https://www.training.nih.gov/programs/sip>.

Application Procedure

To apply for a summer internship at the NIEHS, submit an online application as described on the NIH training website: <https://www.training.nih.gov/programs/sip>. Indicate the NIEHS as your preferred institution. For more information contact summers@niehs.nih.gov.



2017 Summer SULI Internship Opportunities

Brookhaven National Laboratory boasts best in class internship programs with over 100 mentors who make it happen. The goals of SULI at BNL are to offer not only a specific learning experience, but an introduction to the scientific enterprise to support future career developments. At BNL, a SULI appointment will include features which have been the mainstay of our undergraduate Student Program since 1952:

- You will participate in a cutting-edge scientific research program, directed by a BNL staff member.
- You may also participate in a wide variety of recreational activities available to Laboratory employees including scientific seminars, visit major BNL facilities and variety of BNL clubs.
- You may have the chance to offer presentations of your research results verbally and/or in writing
- Your work may appear in a contribution to a scientific journal or BNL report.
- Housing and travel expenses are provided for students traveling more than 50 miles.
- You will receive a competitive weekly stipend of \$500

Research Areas

Environmental, Bio. & Computation

- Biosciences
- Computational Science Center
- Environmental Sciences

Nuclear & Particle Physics

- Collider-Accelerator
- Instrumentation
- Physics
- Superconducting Magnet

Basic Energy Sciences

- Center for Functional Nanomaterials
- Chemistry
- Condensed Matter Physics & Materials Science

Global & Regional Solutions

- Nonproliferation & National Security
- Nuclear Science & Technology
- Technology Commercialization & Partnerships
- Sustainable Energy Technologies

Eligibility

- Be currently enrolled full-time at an accredited U.S. institution AND have completed at least one semester as an undergraduate (at the time of application)
- Be at least 18 years of age
- Be a U.S. citizen or legal Permanent resident
- Have a minimum GPA of 3.0

Application

- Summer Application Opens: **October 17, 2016**
- Summer Application Deadline: **January 13, 2017**
- Apply online: <http://science.energy.gov/wdts/suli>
- Email blackburn@bnl.gov for more information