Opportunities Week of December 13, 2019

**SBYIR Applications Live:** For those interested in joining the scientific or publishing communities, the Stony Brook Young Investigators Review is Stony Brook's undergraduate research journal, where students are able to publish news, reviews, and original research on ground-breaking science! We are a group focused on making science accessible to the public, and are currently seeking writers and staff. **Application Deadline is January 18, 2020.**
For more info and to apply, please see our website, sbyireview.com.

**ASBO Recruitment:** Alternative Spring Break Outreach (ASBO) is a student-run service-learning organization that travels to another part of the United States during Spring Break each year to volunteer. This unique experience brings 70 strangers together and creates a close community. Students on the trip are able to receive 2 credits towards EXP+. This year the trip is to the Coastal Bend Region of Texas. The cost of the trip is $500 for housing, all meals, and transportation. Opportunities to fundraise are available.
For more info, see attached flyers, and please visit our website https://sites.google.com/view/asbosbu and/or email asbosbu@gmail.com.

**Undergraduate Summer Research Program in Computational Biology:** Training and Experimentation in Computational Biology” REU program is a 10-week summer program that will provide a challenging and fulfilling graduate-level research experience to undergraduate students. Housing, travel, and a stipend allowance will be provided. TECBio focuses on computational, quantitative, and systems-level, research over multiple scales. Research topics at various scales include computational analyses of protein dynamics and binding (molecular scale), computer modeling and simulation of signal transduction pathways (subcellular/cellular scale), automated image analysis and reconstruction (cellular/tissue scale), and genomic and metagenomic studies of variation in tissues and organs as well as between organisms and within populations (tissue/organ/organismal/population scale). Students will present their work at a Pittsburgh-wide annual research symposium and experience the various social and cultural activities available in Pittsburgh – America’s most livable city.
**Application Deadline is February 17, 2020**
**Program will be from May 26 – July 31, 2020**
For more info and to apply, visit https://www.tecbioreu.pitt.edu/

**Stony Brook MS in Neuroscience Program:** Stony Brook University's Department of Neurobiology & Behavior is seeking motivated students to apply for the Master of Science in Neuroscience degree program, which prepares students to conduct, analyze and communicate Neuroscience research. Applications are open now!
**Review begins January 15 and continues on a rolling basis until March 15.**
**Classes begin in July, 2020.**
For more info, see attached flyers and visit https://rennaissance.stonybrookmedicine.edu/neurobiology/masters_program/study. Questions can be sent to neuroms@stonybrook.edu.

**The New England Science Symposium at Harvard Medical School:** The New England Science Symposium (NESS), established in 2002, provides a forum for postdoctoral fellows; medical, dental and graduate students; post-baccalaureates; college and community college students (particularly for African-American, Hispanic/Latino and American Indian/Alaska Native individuals) to share their biomedical and health-related research activities through oral or poster presentations, to engage in discussions related to career development in the sciences, to exchange ideas and to expand their professional networks.
**The abstract submission deadline is January 3, 2020.**
**Event is Sunday, April 5, 2020.**
For more info, see attached brochure. To register, visit https://mfdp.med.harvard.edu/dcp-programs/medicalgraduate/new-england-science-symposium
PharmD Program at University at Buffalo: For over 130 years, the University at Buffalo School of Pharmacy and Pharmaceutical Sciences has continually been a leader in the education of pharmacists and pharmaceutical scientists, renowned for innovation in clinical practice and research. The school is accredited by the American Council of Pharmaceutical Education (ACPE) and is the #1 ranked school of pharmacy in New York State #22 in the United States by US News & World Report. The Doctor of Pharmacy (PharmD) program is a four-year professional program, following a minimum of two years of pre-pharmacy coursework. Our students are attracted by our innovative curriculum, combined degree programs and post-graduate opportunities.

Application Deadline is February 1, 2020.
For more info, see attached flyer and visit http://pharmacy.buffalo.edu/academic-programs/pharmd/pharmd-via-pharmcas.html

*Disclaimer: Undergraduate Biology does not endorse or take responsibility for any off-campus programs listed in Opportunities emails. While we do our best to vet any opportunity that is shared, please let us know immediately if you are suspicious of any employers/programs.
ASBO
Alternative Spring Break Outreach

Spring Break Service Learning Trip to...

TEXAS

$500

Scan this code or email asbosbu@gmail.com to sign up today!

Visit www.sites.google.com/view/asbosbu to learn more about ASBO and the trip!
The New England Science Symposium (NESS), established in 2002, promotes careers in biomedical sciences. NESS provides a forum for postdocs (research and clinical), medical, dental and graduate students; post-baccalaureates; college and community college students (particularly African-American, Hispanic/Latino and Native American/Alaska Native individuals) to share their biomedical and health-related research activities through oral or poster presentations, to engage in discussions related to career development in the sciences, to exchange ideas and to expand their professional networks.

**Ruth and William Silen, M.D. Awards**
The Ruth and William Silen, M.D. Awards for outstanding oral presentations and exceptional scientific posters.

**Abstract Submission**
Abstracts should be submitted by postdocs (research and clinical); medical, dental and graduate students; post-baccalaureates; college and community college students (particularly African-American, Hispanic/Latino and Native American/Alaska Native individuals) involved in biomedical or health-related scientific research.

The abstract must include:
1. Name of author(s)
2. Suffixes (if a degree is obtained): BS, MS, PharmD, MD, PhD, MD/PhD, DMD/DDS or other
3. Contact information: mailing and e-mail addresses, phone numbers
4. Institution, academic level and expected year of graduation/program completion
5. Funding source(s)/research sponsor(s)
6. Research title
7. The abstract (not to exceed 400 words) must demonstrate the scientific problem and must contain:
   - Statement of the Problem/Background
   - Research Question/Hypothesis
   - Research Design/Methods Used in the Investigation
   - Results/Summary of the Investigation
   - Interpretation/Conclusion of the Investigation

All abstracts will be reviewed and applicants notified of their acceptance by mid-February 2020.

**Sponsors**

**Harvard Medical School Minority Faculty Development Program (MFDP)**
The Minority Faculty Development Program (est. 1990) of the Office for Diversity Inclusion and Community Partnership (est. 2002; originally named Faculty Development and Diversity) sponsors programs for the development of Harvard Medical School faculty and trainees, with an emphasis on mentoring and leadership. In addition, MFDP addresses issues of increasing the pool of minority and disadvantaged students interested in careers in science and medicine, and has built a three-pronged effort to encourage minority and disadvantaged students from all levels of the educational pipeline to pursue biomedical, STEM and health-related careers. Programs begin as early as the middle school level and carry on through the postgraduate level and involve curriculum development, teacher training, enhancing student research, and career development.

**Biomedical Science Careers Program (BSCP)**
BSCP was founded in 1991 by MFDP in collaboration with the Massachusetts Medical Society and the New England Board of Higher Education to identify, inform, support and provide mentoring for academically outstanding minority students and fellows ranging from high school to postdoctoral level.
NESS Abstract Submission Categories

- Public Health, Epidemiology or Biostatistics
- Microbiology, Immunology, Genetics or Molecular Biology
- Cellular Biology, Neuroscience, Biochemistry or Physiology
- Bioinformatics, Physics, Chemistry or Engineering
- Clinical or Social Science (including Translational Research)
- Interdisciplinary

To submit an abstract:

Deadline for Abstract Submission
January 3, 2020

Nineteenth Annual New England Science Symposium

Registration to Attend

There is no registration fee, but pre-registration is required. Please register as early as possible as seating is limited.

Contact

For more information:
Rodolfo Ramos
Program Coordinator
Office for Diversity Inclusion and Community Partnership
Harvard Medical School
Phone: 617.432.5580
Rodolfo_Ramos@hms.harvard.edu

New England Science Symposium

Sunday, April 5, 2020
The Joseph B. Martin Conference Center at Harvard Medical School
77 Avenue Louis Pasteur
Boston, Massachusetts
WHO ARE WE?
• A service learning organization at Stony Brook University

OUR MISSION:
• Dedicated to helping underserved communities
• Creating opportunities for college students to develop leadership skills through community service and reflection

WHAT WE DO:
• We travel to a location in need during spring break and volunteer with an organization for the entire week
• We also have local volunteering opportunities and team building activities throughout the school year

PAST TRIPS:
• 2019: Pasadena Educational Foundation in Pasadena, CA
• 2018: Habitat for Humanity in Lutz, FL
• Local trips: Bethel Hobbs Farm in Centereach, NY
• Little Flower Orphanage in Wading River, NY

SPRING BREAK 2020:
• We are traveling to Corpus Christie, Texas to work with Hands of Hope and Coastal Bend Disaster Relief for Hurricane Harvey Relief
• $500 covers transportation, food, & lodging for the week!

CONTACT US!
INSTAGRAM: ASBOSBU
FACEBOOK: STONY BROOK ALTERNATIVE SPRING BREAK OUTREACH
EMAIL: ASBOSBU@GMAIL.COM
Kathryn Gentz
PharmD/MBA ’22

Kathryn is currently the director of national engagement for the Industry Pharmacists Association and the women’s health co-chair for the American Pharmacists Association.

She was recently accepted into the micro-credentialed clinical research program at UB, where she will be studying the effects of anticoagulation on pregnant women.

Kathryn’s future plans include post-doctoral training in women’s and consumer health with a focus on marketing.
The Master’s Program in Neuroscience provides broad-based research training in all disciplines of neuroscience. Based in the Department of Neurobiology and Behavior, the training program draws on a wide range of active faculty from other departments at Stony Brook, as well as our sister institutions Cold Spring Harbor and Brookhaven National Labs. The diversity of faculty expertise, research interests, and resources provides a unique opportunity for training in neuroscience. The Neuroscience MS program prepares students to conduct, analyze and communicate Neuroscience research. Students will be exposed to advanced neuroscience research techniques, approaches and theory culminating in the MS degree. Core concepts and skills are taught through a series of required core courses, with the remaining coursework consisting of advanced electives and special topics courses selected in consultation with the student’s advisory committee.

Areas of Study:
- Developmental Neuroscience
- Cellular Neuroscience
- Systems Neuroscience
- Translational Neuroscience
- Molecular Neuroscience
- Computational Neuroscience

Program Features:
Mentoring—a strong interaction between students and faculty is a major training focus.
Opportunities—to participate in world-class research.
Flexibility—training involves a solid foundation in fundamentals of neuroscience and flexibility to pursue specific topics of interest. Full and part-time options available.

Applications: All prospective MS students (domestic and international), should apply by March 15th for admission to start in the following Summer term.

APPLY ONLINE https://app.applyyourself.com/?id=sunysb-gs

For more information visit our website or contact:
Dr. Howard Sirotkin,
MS Program Director
Dept. of Neurobiology and Behavior
Tel. (631) 632-8078
Email: neuroMS@stonybrook.edu

Stony Brook University/SUNY is an affirmative action, equal opportunity educator and employer.
Stony Brook University
a STATE UNIVERSITY OF NEW YORK

GRADUATE PROGRAMS
IN
NEUROSCIENCE

IN THE HEART OF
Long Island, New York

...Do you see yourself in the picture?