Opportunities Week of March 1, 2019

**Reminder: URECA Summer Program:** The URECA (Undergraduate Research and Creative Activities) Program supports SB students doing full-time faculty-mentored research or creative activity for ten weeks (i.e. 9-5 Monday-Fridays). At the end of the ten-week period, the URECA participants will prepare abstracts of their work and commit to presenting their work at the University's annual poster symposium in the following spring.

**Application deadline is March 15th, 2019**
For more info and application, see https://www.stonybrook.edu/commcms/ureca/summer/urecasummer.php

**Reminder: Explorations in STEM:** The Explorations in STEM program -- administered by the Dept. of Technology & Society, URECA and the Career Center -- seeks to provide research/professional development in STEM areas to undergraduate students. Students with demonstrated need (e.g. Pell-eligible students) and/or underrepresented students, particularly freshman/sophomores considering STEM careers, are encouraged to apply. This program particularly encourages the application of students majoring in electrical, mechanical, civil engineering, chemical engineering and/or engineering science. The Explorations in STEM supports SB students doing full-time faculty-mentored research in a STEM field for ten weeks. A major component of the program is the opportunity for students to participate in weekly professional development workshops/events, which include workshops on communicating science, poster design, applying to graduate school, etc. At the end of the ten-week period, the participants prepare abstracts of their work and will be required to present at the closing poster symposium at the end of the summer.

**Application deadline is March 15th, 2019**
For more info and application, see https://www.stonybrook.edu/commcms/ureca/summer/ExplorationsinSTEM.php

The Lynch Lab for Quantitative Ecology (Ecology & Evolution Dept.) is looking for two undergraduate researchers to assist with a project using photo-identification to track Weddell seals around Antarctica. Our field team has collected hundreds of photos of Weddell seals and we have recently begun scraping the web for more photographs. We use the unique markings on each seal to identify individuals when they show up in different locations. The research assistant will assist primarily in our matching program - looking through our catalog of individuals to determine whether a seal has been previously sighted or is new to our database.

Interested undergrads should have an interest in ecology and a fine attention to visual detail, as this work relies on visual pattern matching between seals that are in different positions, lighting conditions, etc. Some experience with statistics and/or GIS a plus if interested in developing an independent student project out of the work. Students should be prepared to work 6-10 hrs per week during the term and are welcome to join our weekly lab meetings as well.

Have a look at www.lynchlab.com for information about the lab and our research. If interested please submit a cover letter describing your academic interests and any research experience (or interest in research if no prior experience!) and a CV (including relevant coursework) to Alex Borowicz (alex.borowicz@stonybrook.edu). Please include 'URECA' in the subject line of the email.
Summer Courses at BIOS: Training the Next Generation of Scientists

The Bermuda Institute of Ocean Sciences (BIOS) offers a suite of university-level summer courses, designed to immerse students in the study of marine science, with a program of coursework and research that is unique in marine science education. Founded in 1903, BIOS is a world-class ocean science research and education facility.

BIOS summer courses in marine science provide undergraduate and graduate students with the opportunity to expand their studies into subtropical environments and/or to investigate topics in ocean science, which are not offered within the curricula of their home institutions. BIOS has quick and easy access to a diverse array of subtropical marine habitats which, combined with lectures, discussions and integrated field work and laboratory exercises, provide an optimal environment for experiential learning.

See what courses we have planned for 2019!

**Modern Observational Oceanography**
*June 30 - July 20*
*Instructors: Professor Nicholas Bates (BIOS & University of Southampton), Dr. Rod Johnson (BIOS) and Ruth Curry (WHOI & BIOS)*

**Coral Reef Ecology: Reef Response to Environmental Change**
*June 30 - July 20*
*Instructors: Dr. Samantha de Putron (BIOS), Dr. Raphael Ritson-Williams (California Academy of Sciences) and Dr. Gretchen Goodbody-Gringley (BIOS)*

**Marine Plankton Ecology**
*July 14 - August 3*
*Instructors: Dr. Amy Maas (BIOS) and Dr. Leocadio Blanco-Bercial (BIOS)*

BIOS summer course scholarships are available to students of all nationalities, both undergraduates and graduates. Information on scholarships is available on our summer course webpage.

Students may obtain academic credit for these courses, pending exchange of information between BIOS and the student's home institution.

Course details and the 2019 application instructions are now available on the [webpage](#). The deadline to submit applications is **April 15**.

Late applications will be accepted only if the course is not full and considered on a first-come, first-served basis.
The Pre-Professional Advising team is hosting a faculty Q&A panel for some of our clinical/upper-division majors (i.e. Clinical Laboratory Sciences, Respiratory Care, Polysomnographic Technology, and Social Work).

Our goal is to generate early interest in these majors & expand students' knowledge of potential health careers. We are primarily targeting first-year students, but we welcome all students who are exploring health professions. (With advice from the UGCs, this event has been designated as a "Plan" or "Expand" event for first-year students.)

We appreciate your help sharing this event with your students! Flyer is attached as well.

"Classroom to Clinic: Exploring Health Majors"
Pre-Professional Advising presents a faculty Q&A panel discussion with representatives from Clinical Laboratory Sciences, Respiratory Care, Polysomnographic Technology, and Social Work.
Learn more about these professions, entry requirements for each major, and how these programs can lead to rewarding entry-level healthcare careers.

Date: Wednesday, March 13, 2019
Time: 1:00 pm - 2:20 pm
Location: W-4525 Melville Library

RSVP Requested: bit.ly/2SgDW8d

Greetings from External Scholarships & Fellowships Advising!

If you are an undergraduate who will be graduating in Fall 2019, Spring 2020, or Summer 2020, consider applying for the Fulbright U.S. Student Program.

These awards provide funding to conduct research (in any field!) or teach English overseas for one academic year following graduation. Certain countries also offer the option of applying to complete a one-year Master’s degree. Foreign language proficiency is not necessarily required.
The first step to learning more is to attend a Fulbright Fridays information session. Sessions will be offered throughout the semester starting on Friday, March 1. Click here to view available dates.

Freshmen and Sophomores are welcome to attend in order to plan ahead for upcoming application cycles!

Could you be next? Stony Brook recently set an institutional record with 25 of our 38 applicants advancing to the next round of competition. Stay tuned for final results in March and April!
Eligibility:

- Must have earned a Bachelor’s degree by proposed start of overseas experience, but not yet received a PhD
- All disciplines
- U.S. citizens
- Must meet any country-specific requirements
- 3.0 or higher cumulative GPA strongly recommended
- Must apply by the September 13, 2019 Campus Nomination Deadline