

Opportunities Week of 12/9/16

iGEM Application: Interested in becoming involved in a student-led research project? iGEM at Stony Brook is entering the iGEM (International Genetically Engineered Machine) competition for the fourth time. Teams will design and construct projects in the field of synthetic biology, which is a currently emerging field that involves manipulating the DNA of organisms to allow them to perform a novel function that would be beneficial to our society. The tentative timeline for the project is as follows: brainstorming and preparing in the Spring semester during the 1-credit reading course that meets once a week for two hours, performing most of the lab work throughout the summer, and completing the finishing touches of the project in the Fall semester, leading up to the Giant Jamboree presentation in November.

Application deadline is December 31st, 2016 at 11:59 PM

To be considered for the 2017 iGEM team, please fill out the

application: https://docs.google.com/a/stonybrook.edu/forms/d/e/1FAIpQLSdwo3s8bRlFVS_AkAC15k3lcthdSrmZpp_m2_f2cc8oxTZQPg/viewform Email igem.sbu@gmail.com with any questions!

Entering Research Workshop: The application for Undergraduate Biology's Entering Research Workshop is now open. The purpose of this workshop is to facilitate independent research opportunities for students in the life sciences. The workshop is comprised of three two-hour meetings on Monday evenings from 6:30-8:30 PM. The dates for Spring 2017 semester are scheduled for Monday, February 6th, Monday February 20th, and Monday, March 6th.

If you are interested in participating in the Spring 2017 Entering Research Workshop, please complete the survey at https://stonybrookuniversity.co1.qualtrics.com/SE/?SID=SV_cGuNJ15v9yQX1U9

Applications the Young Investigator's Review-Stony Brook's Undergraduate Research Journal: We are a student-run publication that features the work done by both students and faculty on campus in the form of primary research articles, research reviews, research highlights, and faculty interviews. Overall, our mission is to give student researchers a platform to showcase their work and to give students pursuing research as a career some experience on the publication side of the research field.

Deadline for applying to write in the Spring 2017 issue is January 13th, 2017

To apply, go to <http://sbyireview.com/> Questions can be sent to younginvestigators@gmail.com

ASC 101 Seats Available: The Academic Success and Tutoring Center (ASTC) is offering a six-week public speaking course (ASC 191) this spring semester which fulfills the SPK requirement of the SBC. Two sections will be offered, Tuesdays 2:30-3:50 PM, and Thursdays 1:00-2:20 PM. This is a good option for Biology and Biochemistry majors that transferred BIO 204 from another school and have not fulfilled their SPK requirement

If interested, please register through SOLAR

Northwell Health's Top Minds Meet: A Forum for Next-Gen Thinkers Student Webinar: In this event you will hear from visionary Northwell Health leaders—the mentors you could learn from during one of our internships and have a successful career with after graduation. Presentations will be given to teach you how to make an impact with a career in areas like Research, Biomedical Engineering, Engineering, Finance, Medicine, Health Care operations, and more.

Webinar will be held December 21st, 2016, 10AM-12PM

Register to attend at

[http://studentforum.ttcportals.com/?jmid=1&j=320977186&MassEmailID=320977186&emailaddress=jschuster%40northwell.edu&utm_source=JangoMail&utm_medium=Email&utm_campaign=Top+Minds+Meet+\(320977186\)&utm_content=jschuster%40northwell.edu](http://studentforum.ttcportals.com/?jmid=1&j=320977186&MassEmailID=320977186&emailaddress=jschuster%40northwell.edu&utm_source=JangoMail&utm_medium=Email&utm_campaign=Top+Minds+Meet+(320977186)&utm_content=jschuster%40northwell.edu)

Peace Corps: Since the Peace Corps' founding in 1961, the agency's mission—to promote world peace and friendship—has not changed. Peace Corps is a leader in international development and citizen diplomacy. In an increasingly interdependent world, we tackle challenges that know no borders—such as climate change, pandemic disease, food security, and gender equality and empowerment. Today, Peace Corps is more vital than ever, working in collaboration with partner organizations and using cutting-edge technologies and well-

tested best practices to enhance impact. Peace Corps changes lives around the world. Volunteers learn about leadership, ingenuity, self-reliance, and relationship building and become global citizens.

The next application deadline is January 1st

For more information visit PeaceCorps.gov or email peacecorps@stonybrook.edu

Young Leaders Access Program: The YLA is a year long program which kicks off with the Young Leaders Incubator. The incubator brings together youth from all over the world, united by the goal of creating positive change in their communities. The weeklong intensive training program is broken into three phases, the last of which will allow Young Leaders to create an action plan to address an issue in his/her community. Over the following year, Young Leaders implement their plans while being guided remotely through online workshops and a Mentor. All program costs during the summer program (July 25th-August 3rd) will be covered, including housing, food, travel, and necessary supplies.

Applications are due by January 2nd, 2017

For more info, see <http://mcwglobal.org/2017-young-leaders-access-program/>

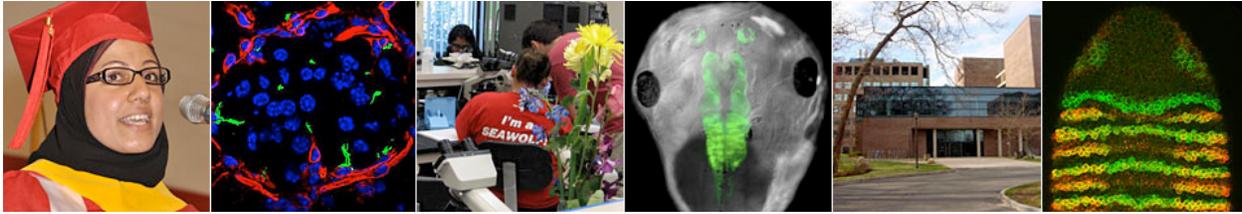
Common Tides Internship with Teaching, Marine Science, and Travel: Live and learn on a 40' catamaran in the Virgin Islands while providing free marine science and sailing programs to the local children of the islands. Applications are currently being accepted to teach. There is a fee for participants which covers food, stay on the sail boat, and training

For more info, see attached flyer and go to www.commontides.org

DAAD RISE Germany Research Internships in Science and Engineering: RISE Germany offers summer research internships in Germany for undergraduate students from the United States, Canada, and the United Kingdom. In their internships, students are carefully matched with doctoral students- whom they assist and who serve as their mentors. Interns receive a monthly stipend to cover every day costs. About 300 scholarships are available each year.

Application deadline is January 15th, 2017

For more info, see attached flyer or contact SB's External Fellowships Advisor Jen Green (irep@stonybrook.edu)



Entering Research Workshop

In order to facilitate independent research opportunities for students in the life sciences the Undergraduate Biology Program offers an 'Entering Research Workshop' every semester.

Participants in this Workshop will:

- learn how research labs are organized;
- receive an overview of the research opportunities available to Stony Brook students;
- hear from a panel current of student researchers about their experiences;
- identify specific labs whose research is of interest to the participant;
- hear from a panel of faculty mentors about their expectations of undergraduate researchers;
- further explore the ongoing work in one lab in preparation for making an inquiry regarding research opportunities;
- complete training in lab safety and the responsible conduct of research that is required for doing research.
- earn a certificate documenting their participation.

There is limited availability for the 'Entering Research Workshop'. One of the criteria for selection is performance in BIO 204, Fundamentals of Scientific Inquiry in the Biological Sciences I. Students who have not earned credit for BIO 204 (either here at Stony Brook or as transfer credit) are strongly encouraged to complete this course before participating in the Entering Research Workshop. As one of the objectives is to help students identify a lab and participate in research for at least two semesters priority will be given to sophomore and junior-level students.

This Workshop is comprised of three approximately two-hour meetings on Monday evenings from 6:30 - 8:30 PM. The Workshop dates for the Spring 2017 semester are tentatively scheduled to be:

- Monday, February 6th
- Monday, February 20th
- Monday, March 6th

If you are interested in participating in the Spring 2017 Entering Workshop please complete the survey at the link below in order to apply.

https://stonybrookuniversity.co1.qualtrics.com/SE/?SID=SV_cGuNJ15v9yQX1U9

Common Tides 501(c)3



Internship w/ Teaching, Marine Science, & Travel

Sailing Expedition To Virgin Islands

4 Week Expedition - June 7th - July 3rd

Program Description

- Learn basic sailing skills and hands-on marine science classes
- Instruct and lead student snorkel groups
- Teach marine science and sailing curriculum
- Enhance career development and your educational background
- Be an integral part in providing a free marine science program to local students

Living Description

- Live and learn on a 40' catamaran
- Experience a unique opportunity in the Caribbean Islands
 - Work directly with the local kids
 - Gain insight into other cultures
- Certified divers will have a chance to scuba dive in the warm clear waters
- Time given to explore the different islands that we visit
 - Nights will generally be yours to enjoy

For Further Info and Other Trip Options Please See commontides.org

Payment

Fee covers room, board, training, and allows the program to be free to the local communities. Trip cost varies upon length and a deposit is required. Please inquire at commontides.org for further info.

Requirements

Must be over 18; No experience needed; Willingness to live on a boat; Ability to participate and instruct snorkeling and sailing classes



**RISE Germany–
RESEARCH INTERNSHIPS
IN SCIENCE AND ENGINEERING
FOR UNDERGRADUATE STUDENTS
IN SUMMER 2017**



DAAD

Deutscher Akademischer Austauschdienst
German Academic Exchange Service

**Career Building.
Practical.
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Are you an undergraduate who wants to gain practical experience while going abroad? Are you studying in the USA, Canada or in the United Kingdom? Then RISE Germany is for you. DAAD matches you with a PhD student in the fields of Science and Engineering.

Deadline: January 15, 2017

Interested? Want to learn more?

Contact us at: rise-germany@daad.de

Visit our website at:

www.daad.de/rise-germany