Opportunities Week of October 19, 2018

Hindu Student Council's Garba Event: Garba and Raas is a Gujarati style of folk-dance performed in celebration of the Hindu festival of Navratri. Hindu Students Council is having its annual event where you can participate in the traditional dancing, enjoy some snacks, and show off your moves on the open dance floor at the end of the night. Tickets are currently available at SAC ticket office! See attached flyer for more info

Study Abroad in Ghana: Stony Brook offers students the opportunity to study for six weeks in Ghana. This study abroad program is designed to give students the opportunity to experience the multiple academic, political, social, economic and cultural facets of Ghana. All majors are welcome on this trip. For more info, see attached flyer

Fred Hutchinson Cancer Research Center Summer Internship: The SURP is an intensive, 9-week internship designed to provide research experience and mentorship for rising-senior undergraduate students who are interested in biomedical research. Under the guidance of a faculty mentor, students will: Complete an independent research project; Attend weekly research seminars; Participate in professional development workshops designed to facilitate the preparation of competitive applications for graduate/medical school; and Present their findings at a competitive poster session. The program will run from Monday, June 10 – Friday, August 9, 2019, an online application for the 2019 SURP will be available via the SURP website in mid-November 2018 with a deadline of Friday, January 11th, 2019. For more info, see http://www.fredhutch.org/en/education-training/undergraduate-students.html

Spanish Minor/Double Major: The Department of Hispanic Languages and Literature offers a comprehensive education in the Spanish language and the vibrant cultures of Latin America, Spain and the Latino communities of the US. If you are a Biology major, the study of Spanish is an excellent complement to your science courses. For more info on the Spanish minor and major, see attached flyer

University of Florida, College of Vet Medicine: At the University of Florida, College of Veterinary Medicine we are offering a few exciting online undergraduate courses in the upcoming Summer semester that are specifically geared towards students interested in Veterinary Medicine. Students at other Colleges and Universities can sign up for these classes. Fall courses include “The Dog,” “The Horse,” and “Aquatic Wildlife Health Issues.” For more info, see attached flyer

*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.
HINDU STUDENTS COUNCIL PRESENTS

GARBA 2018

FRIDAY OCTOBER 26TH
SAC BALLROOM A
DOORS OPEN @6:30
SBU STUDENTS = $5
NON-SBU STUDENTS = $7
University of Florida, College of Veterinary Medicine Undergraduate Courses

**The Dog** is an online course (3 credits) specifically designed for undergraduate students interested in learning more about dogs, especially those planning careers in Veterinary Medicine and Veterinary Technical Programs. Students will be introduced to a number of topics, including evolution, domestication, anatomy, biology, role in society, physiology, behavior, and health of the dog. Students enrolled at any College or University can take this course. *For more information about this class or enrollment contact the Course Director, Dr. Patrick Larkin (pmlarkin@ufl.edu).*

**The Horse** is an online undergraduate course (3 credits) also designed for students planning careers in large animal Veterinary Medicine or Veterinary Technical Programs. This course covers many important topics in the domesticated horse field including reproduction, anatomy, the musculoskeletal system, GI physiology, preventative health care, as well as current research. Students enrolled at any College or University can take this course. *For more information about this class or enrollment contact the Course Director, Dr. Patrick Larkin (pmlarkin@ufl.edu).*

**Aquatic Wildlife Health Issues** is an online course (3 credits) designed to introduce students (upper level undergraduate and graduate) and professionals (with an AA or higher degree) to the natural history, anatomy, physiology, behavior and common health issues of aquatic species: whales and dolphins, seals and sea lions, manatees, sea turtles, crocodilians, fish and invertebrates. *For more information about the class or enrollment, contact Dr. Iskande Larkin (ivlarkin@ufl.edu).*

If you are interested in taking one of the classes, registration is now open for the Spring semester.
Stony Brook offers students the opportunity to study for six weeks in Ghana. This study abroad program is designed to give students the opportunity to experience the multiple academic, political, social, economic and cultural facets of Ghana. Through the Africana Studies department's institutional connection with the historic Institute of African Studies (IAS) at the University of Ghana, Legon, students are introduced to the scholarship being produced at IAS and the critical contributions of faculty and research centers. Students will travel to different parts of Ghana in order to gain a comparative perspective in addition to learning local languages such as Twi. Lectures on art, history, politics and development are further contextualized through trips to local museums and centers. The role of the African Diaspora will be examined including trips to Elmina and Cape Coast key locations in the Atlantic Slave Trade. Exposure to local cuisine, music, fashion, and other cultural components are integrated into the course. Finally, students will have the opportunity to be matched with organizations based on their academic and professional interests in order to gain some experiential work on the ground.

Course Offered

AFH 391: Topics in Africana Studies - 6 credits
Students must enroll in 6 credits. For students following the Stony Brook Curriculum (SBC): This program fulfills: HSA+, GLO and EXP+ available upon request.

Adryan Wallace
Program Director
adryan.wallace@stonybrook.edu

International Academic Programs
E-1340 Melville Library
Stony Brook, New York 11794-3397
studyabroad@stonybrook.edu

APPLY ONLINE
stonybrook.edu/studyabroad

ELIGIBILITY
- All Majors Welcome
- Undergraduate students in good academic standing (2.0 GPA or higher)

LIVING ARRANGEMENTS
Students will be housed on the campus of the University of Ghana at Legon in an effort to embed students within the local academic community.

PROGRAM AND TUITION FEES

<table>
<thead>
<tr>
<th>Fee Type</th>
<th>Amount</th>
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</thead>
<tbody>
<tr>
<td>Application Fee</td>
<td>$60</td>
</tr>
<tr>
<td>Administrative Fee</td>
<td>$200</td>
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<tr>
<td>Undergraduate Tuition</td>
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<tr>
<td>NY residents per credit</td>
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<tr>
<td>Non-residents per credit</td>
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<tr>
<td>Program Fee</td>
<td>$3,800</td>
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</table>

(Includes housing, three meal per day, group excursions, international health insurance, and all in country transportation)

Additional Costs: Academic Excellence Fee, College Fee, Visa, Airfare and personal expenses are not included in the program fee. Flight information will be released to accepted applicants. Costs are subject to change at any point.

stonybrook.edu/studyabroad
The Department of Hispanic Languages and Literature offers a comprehensive education in the Spanish language and the vibrant cultures of Latin America, Spain and the Latino communities of the United States. Because so many facets of our professional life have become international in scope, and truly bilingual, many career opportunities exist for those with solid language skills and deep knowledge of other cultures.

If you are a Biology major, the study of Spanish is an excellent complement to your science courses. Spanish will not only train you in the language, but it will also offer you a first-rate education in the humanities in small classroom settings, and the experience of a diverse and international community of students and world recognized faculty.

MINOR IN SPANISH

6 courses at the 300/400 level

DOUBLE MAJOR

10 courses at the 300/400 level

If you have no previous knowledge of Spanish, take our 4 course sequence: SPN 111, 112, 211, 212 and then start with 300 level courses.

If you know Spanish, take our Placement or a Challenge Exam (*)

Heritage students, students with AP or IB Spanish should contact Prof. Firbas

(*) We offer Challenge Exams in SPN 112, 211, 212 and 311

For more information on Spanish courses, visit our website http://www.stonybrook.edu/hispanic/
or email the Director of Undergraduate Studies paul.firbas@stonybrook.edu

For Placement Exam email mary.wilmarth@stonybrook.edu

¿CÓMO TE LLAMAS?

NEW LOCATION!
Main Office: Humanities 1055

OPEN HOUSE: Wed. Oct 24th, 2018. 1 to 2 pm in HUM 2029
Thank you so much for the opportunity to be a part of the summer internship. I learned so much about writing a personal statement and resume, creating and presenting a poster, and networking. I also gained valuable insight into different avenues of science like public health. I greatly appreciate all the time and effort that faculty and staff put into this program—it was an amazing experience.” — SURP Intern

HOUSING, MEALS, AND TRANSPORTATION
Interns are responsible for their housing, meals, and local transportation. Housing is available at the University of Washington for approximately $2,300 for the duration of the program. Interns are eligible to purchase a subsidized transportation pass for $45. There is a free shuttle between the Fred Hutch and University of Washington campus that departs every 15 minutes.

HOW TO APPLY
Students interested in participating in the Summer Undergraduate Research Program may submit an application at: www.fredhutch.org/surp. The application deadline is Friday, January 11, 2019. Letters of recommendation for up to two references are due by Friday, January 18, 2019. Notification of acceptance will occur in mid- to late-February.

CONTACT US
If you have any additional questions about the Summer Undergraduate Research Program that are not addressed in the Frequently Asked Questions section of the SURP website, please send an email to: SURP@fredhutch.org.

ABOUT THE FRED HUTCH
The Fred Hutchinson Cancer Research Center is a world-renowned nonprofit research institution working to improve the prevention, detection, and treatment of cancer, HIV, and many other diseases. To learn more about the Fred Hutch, visit: www.fredhutch.org/en/about.html.

BIOMEDICAL RESEARCH INTERNSHIPS
A catalog of internships for high school, undergraduate, post-baccalaureate, graduate, and first-year medical students offered nationwide can be accessed at: www.fredhutch.org/content/dam/public/education/surp/internships.pdf.

The Summer Undergraduate Research Program is supported in parts by the Cancer Center Support Grant (CCSG) CURE Supplement: P30 CA015704-43S1, U54 CA 132381 (Fred Hutch) and U54 CA 132383 (NMSU).
About the Summer Undergraduate Research Program

The Summer Undergraduate Research Program at the Fred Hutchinson Cancer Research Center (Fred Hutch) is an intensive, nine-week internship designed to provide research experience and mentorship for undergraduate students who are interested in biomedical research. Under the guidance of a faculty mentor, students will complete an independent research project and present their findings at a competitive poster session.

The program runs from Monday, June 10 through Friday, August 9, 2019. Students must be able to commit to this entire period in order to participate.

AREAS OF RESEARCH
Interns will be paired with a faculty mentor after selecting one of the following areas of interest:

**Basic Science:** Conducts fundamental research in structural, genetic, molecular, cellular, developmental, and evolutionary biology;

**Human Biology:** Interdisciplinary research; conducts lab-based and computational research at the interface of basic, clinical, and population sciences;

**Public Health:** Uses large populations as a “laboratory” to look for links between cancer and its possible triggers, from diet and lifestyle to environmental and genetic factors. Conducts statistical, epidemiological, and prevention studies around the world;

**Clinical Research:** Works to develop and analyze new treatments for cancers and other diseases; and

**Vaccine and Infectious Disease:** Integrates computational, laboratory, and clinical research methods to advance the understanding of microbial pathogenesis and infectious disease processes.

To learn more about the specific research interests of Fred Hutch faculty, please visit [www.fredhutch.org/en/labs.html](http://www.fredhutch.org/en/labs.html).

PROGRAM COMPONENTS
In addition to completing a mentored research project, interns will participate in professional development workshops designed to facilitate the preparation of competitive applications for graduate or medical school. Workshops include:

- Preparing a personal statement, resume, and abstract;
- How to successfully apply to graduate or medical school; and
- Preparing and presenting a scientific poster.

Interns will also attend weekly research seminars regarding a broad array of scientific topics. The program culminates with a competitive poster session.

The program also sponsors a number of social activities to foster interaction among interns and their mentors. Activities may include:

- Attending a Seattle Mariners MLB game OR Seattle Sounders FC match;
- Riding the Seattle Great Wheel OR touring the Theo Chocolate Factory;
- Taking a ferry to scenic Bainbridge Island; and/or
- Hiking the trails on Mount Rainier

ELIGIBILITY REQUIREMENTS
- U.S. citizen or permanent resident;
- Entering the summer BEFORE the final year (or semester or quarter) of undergraduate studies; and
- Strong background in the sciences or related area of interest

COMPENSATION
Interns will receive $4,794 (minus taxes) for their participation in the Summer Undergraduate Research Program.

TRAVEL
Round trip travel costs (up to $450) are provided. Travel arrangements will be coordinated by program staff unless otherwise requested.

"This was my first laboratory experience outside of classes, so it was great to see how research labs operate and to have a project of my own. I’m very grateful for all the support, information, and encouragement I got as a ‘first-timer’ from everyone in the lab to the wonderful program staff.”

— SURP Intern