Opportunities Week of October 18, 2019

**Survey Participation for a Chance to Win a $25 Amazon Gift Card:** Dr. Sara Bombaci and Alex Jensen are inviting you to volunteer for a research study. Sara and Alex are researchers at Clemson University conducting the study with Dr. David Jachowski’s lab in the Department of Forestry and Environmental Conservation. Participation is voluntary. You may choose not to take part and you may choose to stop taking part at any time. After completing the survey, you will have the opportunity to enter yourself in a random drawing for 1 of 16 $25 Amazon gift cards. Your contact information will not be linked to your responses in any way. The purpose of this research is to understand factors that enhance student participation in field internships in the wildlife, conservation, and natural resources professions. If you are not pursuing a career in wildlife biology, conservation, or natural resources, please disregard this survey. It will take you about 5-10 minutes to complete the survey.

To participate, visit [https://clemson.ca1.qualtrics.com/jfe/form/SV_b4nm2zq8aPdWDgV](https://clemson.ca1.qualtrics.com/jfe/form/SV_b4nm2zq8aPdWDgV)

**Classroom to Clinic: Exploring Health Majors:** 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, 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. This event has been designated as a "Plan" event for first-year students.

**Event is on Thursday, October 24, 2019, 3:00PM-4:00PM, Melville Library Room N-4006**

For more info see attached flyer.

**9th Annual Undergraduate Poster Competition at King Abdullah University of Science and Technology:** King Abdullah University of Science and Technology welcomes applicants to apply for their undergraduate poster competition. Participants will be able to present their research among top scholars and share ideas with an international community. Accepted students will have access to state-of-the-art facilities, as well as recreational and cultural activities. This would be a fully funded opportunity (which includes housing, airfare and meals provided). Applicants must be 3rd or 4th year undergraduates, provide an academic transcript, an abstract, a personal statement, demonstrated English proficiency, and a letter of recommendation.

**Application Deadline is November 17, 2019.**

**Event is January 19-23, 2020, King Abdullah University of Science and Technology, Saudi Arabia**

For more info see attached flyer, to apply visit [ugposter.kaust.edu.sa](http://ugposter.kaust.edu.sa)

**Annual Anthropology Open House:** Anthropology has many courses that complement offerings in your home department. Several (Human Anatomy, Evolution of the Human Brain, Forensic Anthropology) may be valuable to pre-med students. Others (Male and Female, How We Eat) are at the crossroads of biological and social sciences. If you are a Biology BA major looking for a minor program, Anthropology could be an exciting option for you.

**Event is Wednesday, October 23, 2019, 1:00PM, 5th floor Lobby of Social and Behavioral Sciences.**

For more info, see attached flyer.

**Fred Hutch Summer Undergraduate Research Program (SURP):** 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. An online application for the 2020 SURP will be available via the SURP website in mid-November 2019.

**Application Deadline is Friday, January 10, 2020 at midnight PST**

The program will run from Monday, June 15 – Friday, August 14, 2020

For more info see attached flyer and visit [https://www.fredhutch.org/content/dam/www/about-us/internships/surp/internships.pdf](https://www.fredhutch.org/content/dam/www/about-us/internships/surp/internships.pdf)
**Graduate Programs and Summer Programs at Cold Spring Harbor Laboratory:** The graduate program at Cold Spring Harbor Laboratory (CSHL) offers an innovative Ph.D. curriculum that takes advantage of the unique environment and extensive resources of CSHL and our faculty’s broad research expertise, which includes genetics and genomics, molecular biology and cancer, neuroscience, plant biology, and quantitative biology. Students in the program are expected to graduate in four to five years. All students are fully funded by the school — stipends, tuition and research costs — giving them the freedom to join any lab, irrespective of whether that lab has other funding for them. In addition, students receive subsidized housing and food, and full health benefits. CSHL also offers as summer Undergraduate Research Program.

**Application Deadline for graduate program is December 1, 2020.**

**Application Deadline for Undergraduate Research Program is January 15, 2020.**

For more info and to apply, visit www.cshl.edu/gradschool

**M.S. in Biological Sciences at Nova Southeastern University Florida:** The Master of Science in Biological Sciences, with a concentration in Health Studies, is a 12 month, 30-credit program designed to better prepare graduates of undergraduate science programs for entrance into health or medical professional schools. It offers the opportunity for students to enhance their academic records, to improve test score, and to obtain a graduate degree. In addition, Nova Southeastern University also offers a Certificate Program in Computational Molecular Biology, in which applications are accepted year-round.

For more info, visit https://cnso.nova.edu/academics/masters/biological-sciences.html

**Biology Teacher Positions with Southern Teachers:** Southern Teachers helps teachers find jobs in K-12 private/independent schools around the South and they are seeking candidates for science teaching jobs for the 2020-21 school year. A bachelor's degree is required, and a strong academic record is important. What matters most is a prospective teacher’s gift for managing and motivating kids. Schools will often consider a candidate’s previous success as a camp counselor, coach, tutor, or residential advisor. For elementary school teaching positions, certification is usually required. For teachers in middle and upper school, however, schools focus on subject area knowledge and skills in communicating and connecting with teenagers.

To apply, visit https://southernteachers.com/contents/home/seekingjobs

*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.*
HOUSING, MEALS, AND TRANSPORTATION
Interns are responsible for their housing, meals, and local transportation. Housing is available at the University of Washington for approximately $2,400 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 10, 2020. Letters of recommendation for up to two references are due by Friday, January 17, 2020. 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/www/about-us/internships/surp/internships.pdf.

The Summer Undergraduate Research Program is supported in parts by the Cancer Center Support Grant (CCSG) CURE Supplement: P30 CA015704-44S1, 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 15 through Friday, August 14, 2020. 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 https://www.fredhutch.org/en/faculty-lab-directory.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
PRE-PROFESSIONAL ADVISING PRESENTS

CLASSROOM TO CLINIC
EXPLORING HEALTH MAJORS

Respiratory Care | Clinical Laboratory Sciences | Social Work

THURSDAY, OCTOBER 24TH
3:00 PM - 4:00 PM
N-4006 MELVILLE LIBRARY

Join us for a faculty panel discussion about majors leading to entry-level healthcare positions. Learn more about these professions, entry requirements for each major, and how these programs can lead to rewarding healthcare careers.

RSVP Requested: bit.ly/2kUPBdD
9th Annual Undergraduate Poster Competition
Application deadline: November 17, 2019

One week of inspiration, a lifetime of enrichment.

Apply to the Undergraduate Poster Competition!
January 19 - 23, 2020

Program Description
• Participants will have a unique networking opportunity, be able to present their research among top scholars and share ideas with an international community
• Exposure to the novel research culture at world-class institution
• Fully-funded opportunity: housing, airfare and meals provided
• Access to state-of-the art facilities
• Recreational and cultural activities
• Competition prizes

Application Requirements
• International and national 3rd and 4th year Undergraduate and M.S. students
• Academic transcript in English
• Abstract
• Personal statement
• Demonstrated English proficiency
• Letter of recommendation

Academic Programs
• Bioscience
• Environmental Science and Engineering
• Marine Science
• Plant Science
• Applied Mathematics and Computational Science
• Computer Science
• Electrical Engineering
• Statistics
• Applied Physics
• Chemical and Biological Engineering
• Earth Science and Engineering
• Energy Resources and Petroleum Engineering
• Material Science and Engineering
• Mechanical Engineering

For more details on how to apply, visit: ugposter.kaust.edu.sa
For questions please email: weppostersession@kaust.edu.sa

www.kaust.edu.sa
Anthropology
Open House

Free donuts with our faculty and students!

We offer cool classes like:

- How We Eat
- Origins of Art
- Primate Conservation
- Zombiology
- People and Pups
- Male & Female
- Controversies in Human Biology & Behavior

Learn about the benefits of an anthropology degree and Study Abroad programs in Kenya and Madagascar!

Wednesday October 23rd 1pm
Social & Behavioral Sciences 5th Floor Lobby