ODS Boren Awards Info Session (language study & research abroad)

Please share the information below with your students! The Boren Awards offers up to $30,000 for students to research and study language abroad. Any students interested in global experiences, critical languages, and foreign service are well-matched for the Boren. The Boren Scholarships offers special initiatives for STEM majors as well. Attached is a flyer for the event. We appreciate your help in sharing this opportunity with your students.

Office of Distinguished Scholarships
Boren Awards Information Session
Wednesday, October 25
1:00PM | Graham Memorial 039
RSVP here

Boren Awards offers up to $30,000 in international study! Interested in travel and language study? Meet a representative - and past winners - from the Boren Awards, a scholarship opportunity that provides funding for U.S. students to study less commonly taught languages in regions like Africa, Asia, Central and Eastern Europe, Latin America, and the Middle East.

Join ODS to learn more about the Boren and how you can apply. The Boren Awards has opportunities for both undergraduate and graduate students. All are welcome to attend!

2018 Fred Hutch Summer Undergraduate Research Program | Catalog of Biomedical Research Internships

The Fred Hutchinson Cancer Research Center (Fred Hutch) hosts a summer internship that is designed to provide biomedical research experience and mentorship for undergraduate students of rising senior status. We would appreciate your help promoting the Summer Undergraduate Research Program (SURP) among students at the University of North Carolina at Chapel Hill. I have attached an informational brochure that offers an overview of the program and a brief snapshot of important dates below, including how to apply.

About the 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.

The program will run from **Monday, June 11 – Friday, August 10, 2018**.

An **online application** for the 2018 SURP will be available via the SURP website in **mid-November 2017**.

The application deadline is midnight Pacific Standard Time (PST) on **Friday, January 12, 2018**.

Letters of recommendation for up to two references are due by midnight Pacific Standard Time (PST) on **Friday, January 19, 2018**.

**Other Biomedical Research Internships**

I also wanted to share with you a resource that my colleagues and I developed, which is a **catalog** of biomedical research internships offered nationwide for high school, undergraduate, post-baccalaureate, graduate, and first-year medical students. Feel free to share this resource with faculty and students.

Thanks for your help promoting the SURP at the Fred Hutch and other internship opportunities nationwide!

**Biomedical Engineering Graduate Program at The University of Texas at Austin**

As students are applying for fall 2018 admissions, we want to provide you with information regarding the Department of Biomedical Engineering at The University of Texas at Austin. We appreciate it if you would pass on the following information to students you know who may be interested in graduate studies in biomedical engineering.

Biomedical engineers respond to societal needs to provide solutions that improve patients’ quality of life. From designing diagnostic devices to creating artificial organs to developing new drugs to treat diseases like cancer, biomedical engineering is an exciting and rewarding field.

Our Ph.D. coursework is a unique personalized learning plan. Our students can choose to coursework from four main tracks to specialize in a chosen area. Our tracks are:

- **Biomedical Imaging and Instrumentation**
- **Cellular and Biomolecular Engineering**
- **Computational Biomedical Engineering**
- **Biomechanics**
With an accomplished faculty and diverse student body, the Department of Biomedical Engineering at The University of Texas at Austin offers opportunities for students to grow and build interdisciplinary knowledge in the areas of medicine, molecular and cellular biology, and engineering. Prospective students can view a snapshot of our department’s research highlights and visit our website for further information, including program requirements and faculty research interests.

Innovative Research Centers.

- **Center for Cardiovascular Simulation** - Directed by Dr. Michael Sacks, this center provides cardiovascular scientists and clinicians with advanced simulations for the rational development of treatments for cardiovascular disease.
- **Center for Computational Oncology** - Directed by Dr. Thomas Yankeelov, this center is involved in research guided by developing a mathematical theory for how cancer initiates, grows, spreads, and responds to treatment. Researchers model tumor growth and gather data to calibrate and validate predictive models for cancer behavior.
- **Center for Emerging Imaging Technologies** - Directed by Dr. Andrew Dunn, this center fosters collaborative research on the development and application of new imaging technologies for biomedical research and clinical medicine.
- **Institute for Biomaterials, Drug Delivery, and Regenerative Medicine** - Directed by Dr. Nicholas Peppas, this institute provides a focal point for impactful activities in research, education, and service in biomaterials, drug delivery, and regenerative medicine—key areas to transforming health care.

Doctoral students in UT BME receive prestigious fellowships and training grants.

- More than half of our graduate students have fellowships through the National Science Foundation, the University, or other organizations. In particular we would like to highlight the training grant we were awarded by the NIH to support BME graduate students specializing in Biomedical Imaging.

The deadline for Fall 2018 admission is December 1, 2017. Prospective students can apply now!

**Summer 2018 Research Opportunities**

The 2018 NSF-funded REU Site: Research in Chemistry at West Virginia University (May 20-July 27, 2018) is now accepting applications from undergraduates who 1) are majoring in chemistry or biochemistry (pre-majors also considered), 2) are citizens, nationals, or permanent residents of the U.S. or its territories, and 3) are interested in a research and training experience akin to that of a graduate student. Selected participants spend 10-weeks working on research on projects that address fundamental questions related to the chemistry of health and catalysis in chemistry. Projects focus on the potential of research to benefit society both directly and indirectly in the fields of health care, forensics/criminology, energy, sustainability, and transportation. Participant benefits include $5,000 stipend, lodging, meal expenses, and travel reimbursement to/from the Site. Early admission review of COMPLETED applications will proceed from Nov. 27-Dec. 29, 2017. Offer may be made based upon early admission review. Regular review of completed applications will begin on Feb. 2, 2018. For more information and link to the online application, visit the Chemistry REU website.
The Chemistry REU Site is funded by the National Science Foundation (NSF) with team building activities funded by the WVU Eberly College and Research Office.

The 2018 NSF-funded NanoSAFE REU at West Virginia University (May 21-July 27, 2018) centering on Design, Characterization, and Toxicity Assessment of Safe Advanced Performance Nanomaterials is now accepting applications from undergraduates who 1) are majoring in science, technology, and engineering 2) are citizens, nationals, or permanent residents of the U.S. or its territories, and 3) are interested in nanoscience research and a training experience akin to that of a graduate student. Selected participants spend 10-weeks working on research on projects that address fundamental questions related to multifunctional nanomaterials. REU participants are trained on research projects that support the design of safer and more effective nanoparticles that have been characterized and assessed for potential toxicity. The research activities focus on multifunctional nanomaterials and support improved material design with attention to properties that impact human and environmental health. Students have access to cutting-edge technology in nanolithography, nanotemplating, material self-assembly, electrochemistry, spectroscopy, microscopy, fluidics, and unique tools required to elucidate complex facets of nanotoxicity. Upon completing this REU experience, undergraduate students will actively contribute to innovative research that advances nanotechnology manufacturing. Students applying to this program have come from an array of disciplines (i.e., Chemistry, Biochemistry, Physics, Biology, Engineering, Health Sciences). Program benefits include $5,000 stipend, lodging, meal expenses, and travel reimbursement to/from the Site. Early Admission Review of COMPLETED REU applications will proceed on a rolling basis from Nov 1-Dec 31, 2017. Regular review will begin Feb 3, 2018 and end upon all spots being filled. For more information and link to the online application, visit the NanoSAFE REU website at http://undergraduateresearch.wvu.edu/nanosafereu Questions? Contact NanoSAFE at NanoSAFE@mail.wvu.edu

i4 Competition Dates – MARK YOUR CALENDAR

i4 Competition Pitch Dates & Locations
Pitch 1: November 20, 4-9pm, NC Biotech Center
Pitch 2: February 19, 4-9pm, NC Biotech Center
Pitch 3: May 2, 2-9pm, Durham Convention Center

China Study Abroad

This program is based in one of China's most beautiful cities, Hangzhou (1.5 hours south of Shanghai). Become immersed in campus and Chinese daily life through special cultural and class activities, planned excursions (including a pre-program to Beijing) and scheduled interaction events with Chinese students. Past participants have seen a Shanghai acrobats performance, visited the 400 year old Yuyuan Gardens, walked the Great Wall,
learned about traditional Chinese Medicine, and engaged with local Chinese students from Zhejiang University. See attached flyer for more information about this opportunity.

**Careers in Student Affairs Undergraduate Conference**

_The Higher Education Association is proud to present the organization's first one day Careers in Student Affairs Undergraduate Conference! Here's what you need to know!_

---

**Quick Facts**

- Saturday, October 21st from 9:30am-3pm
- Talley Student Union, Third Floor
- Students from 6 North Carolina Institutions
- **REGISTER HERE:** [https://sites.google.com/ncsu.edu/csamconference/registration](https://sites.google.com/ncsu.edu/csamconference/registration)

---

**Conference Schedule**

- **9:30am-10:00am:** Registration and Check In
  
  Outside Currituck Ballroom

- **10:00am-10:30am:** Welcome and Keynote by Dr. Barry Olson
  
  Hatteras Ocracoke Ballroom

- **10:40am-11:30am:** Breakout Sessions #1
• Bridging Social Justice and Student Affairs Careers (Talley 3210)
• Searches, Applications, and Assistantships, Oh My! Taking the Fear and Confusion out of Grad School (Talley 3221)
• So You Want to Be a Dean of Students? The History, Role, and Career Path (Talley 3222)
• Get Involved! Opportunities for Undergraduate Students in Student Affairs Professional Associations (Talley 3285)

11:40am-12:30pm: Breakout Sessions #2

• You're Not Just a Full-Time RA: Professional Careers in Housing and Residence Life (Talley 3210)
• The Power of Introverts in Student Affairs: A Look at the Role of Emotional Intelligence and Reflection (Talley 3221)
• Navigating Graduate School in Student Affairs (Talley 3222)
• Get Involved! Opportunities for Undergraduate Students in Student Affairs Professional Associations (Talley 3285)

12:30pm-1:30pm: Lunch and Learn with Dr. Kasey Ashton
   Hatteras Ocracoke Ballroom

1:30pm-2:30pm: Panel with Current Student Affairs Professionals

2:30pm-3:00pm: Closing, Evaluation, and Wrap Up
   Talley Student Union, Room 3285

Who's on the panel?

Chelsea Hayes, William Peace University, Student Activities
Jared Tice, Barton College, Dean of Students
Tutoring Job Opportunities

The University Tutorial Center is currently recruiting chemistry, math, and physics tutors for spring 2018!

Top 5 reasons to become a tutor:

-- solidify subject knowledge for future courses and GRE preparation

-- develop communication skills

-- develop leadership skills

-- earn money

-- prepare for future employment

Requirements:

All eligible students must be currently enrolled undergraduates with at least a 3.25 overall GPA and have received a B+ or better in the course(s) they want to tutor.

All interested students must attend an information session as the first step in the application process. Information session opportunities begin soon! Please see go.ncsu.edu/tutor for specific dates and further details.
Up to $30,000 in funding for International Study
(opportunities for undergraduate & graduate students)

Meet a Boren Representative & Past Boren Winners

UNC Information Session
Wednesday, October 25
1:00PM | Graham Memorial 039
RSVP: www.bit.ly/BorenUNC

www.borenawards.org

Hosted by the Office of Distinguished Scholarships
ods@unc.edu  ods.unc.edu  @ODS_UNCCH
“The research environment at the Hutch is unique in that there are multitudes of disciplines and specialties within those disciplines, but everyone is working towards a common goal of making strides in disease research...I also really appreciated the way all of the Hutch researchers and staff cultivated an environment that was so conducive to learning, and were receptive to my inquiries into their work despite my status as an intern.” — 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 $2,000 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 12, 2018. Letters of recommendation for up to two references are due by Friday, January 19, 2018. 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-baccaulaureate, graduate, and first-year medical students offered nationwide can be accessed at: www.fredhutch.org/content/dam/public/education/surp/internships2016.pdf.

The Summer Undergraduate Research Program is supported in parts by the Cancer Center Support Grant (CCSG) Cure Supplement: P30 CA015704-42S4, U54 CA 132381 (Fred Hutch) and U54 CA 132382 (NMSU).

www.fredhutch.org/surp
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 11 through Friday, August 10, 2018. 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.

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
China: Engineering, STS, and International Relations

PROGRAM OVERVIEW

This program is based in one of China’s most beautiful cities, Hangzhou (1.5 hours south of Shanghai). Become immersed in campus and Chinese daily life through special cultural and class activities, planned excursions (including a pre-program to Beijing) and scheduled interaction events with Chinese students. Past participants have seen a Shanghai acrobats performance, visited the 400 year old Yuyuan Gardens, walked the Great Wall, learned about traditional Chinese Medicine, and engaged with local Chinese students from Zhejiang University.

ACADEMICS

Students select two courses from the following 3-credit hour options, for a total of 6 credits. NC State faculty teach all courses except FL 295, which is taught by local Zhejiang University faculty. All courses taken will earn NC State credit.

PROGRAM FACTS

Course(s)
- PS 231: Intro to International Relations
- MAE 214: Solid Mechanics
- STS 490: Geographies of Energy
- FL 295: Elementary Chinese

NC State Program Cost
- $3,550
- See reverse for cost breakdown

Program Dates
- May 13 - June 23, 2018

Locations
- Hangzhou, China
- Beijing and Shanghai, China

Contact
- Clifford Griffin
- ceg@ncsu.edu

Eligibility
- 2.0+ GPA
- Not on active disciplinary probation
- Not on Academic Integrity Probation currently or during the prior semester

STEPS TO APPLY

1. OPEN APPLICATION
   - Visit studyabroad.ncsu.edu, use program search to find online brochure, click Apply Now. Applications will be accepted on a rolling basis until filled or the February 15th deadline!

2. TALK TO ACADEMIC ADVISOR
   - Discuss program with Academic Advisor to determine how the course(s) will fit in with your academic plan.

3. ATTEND INFO SESSION
   - For dates/time visit go.ncsu.edu/studyabroadinfosessions
   - You may also contact the Faculty Director for more information.

4. APPLY FOR SCHOLARSHIPS
   - Apply for the Study Abroad Scholarship by November 15th!
**FUNDING STUDY ABROAD**

go.ncsu.edu/fundingstudyabroad

🔥 Financial Aid travels with you

Full time students are eligible to receive financial aid if courses taken abroad fulfill degree requirements. Meet with Tara Micgiel (tmicgie@ncsu.edu) to start planning!

✈️ Apply for Scholarships by November 15!

1 in 3 scholarship applicants receive an award! Visit go.ncsu.edu/studyabroadsscholarships to start an application. Check in with your College to see if additional funds are available.

🌟 Personal Fundraising

Personal fundraising is a great way to raise additional funds and can make the difference! Utilize an online fundraising campaign through sites like FundmyTravel.com and make a list of local organizations (newspaper, Chamber of Commerce, service clubs, etc.) that you can reach out to.

---

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>NC State Program Cost</td>
<td>$3,550</td>
</tr>
<tr>
<td>Non-Refundable Application Charge</td>
<td>$350</td>
</tr>
<tr>
<td>Course Instruction</td>
<td>Included</td>
</tr>
<tr>
<td>Housing</td>
<td>Included</td>
</tr>
<tr>
<td>Immunizations</td>
<td>N/A</td>
</tr>
<tr>
<td>*International Airfare</td>
<td>$1,700</td>
</tr>
<tr>
<td>*International Health Insurance</td>
<td>Included</td>
</tr>
<tr>
<td>*Meals</td>
<td>$500</td>
</tr>
<tr>
<td>Passport/Visa Expenses (+ photographs)</td>
<td>$150/$190, respectively</td>
</tr>
<tr>
<td>*Personal Expenses</td>
<td>$500</td>
</tr>
<tr>
<td>*Textbooks/Supplies</td>
<td>$200</td>
</tr>
<tr>
<td>Local Transportation</td>
<td>Included</td>
</tr>
</tbody>
</table>

**Estimated Total:** $7,140

Line items marked with (*) are estimated. All cost information is tentative and subject to change. Estimated costs are approximate and vary based on personal spending habits. The University reserves the right to alter the program format and/or cost in case of conditions beyond its control.
Become a CH, MA, or PY Tutor for the UTC

The first step in the application process is to attend a 30-minute information session. Session times and locations are posted on the UTC website, go.ncsu.edu/tutor

Top 5 Reasons to Tutor

- Solidify subject knowledge for future courses and GRE preparation
- Develop communication skills
- Develop leadership skills
- Earn money
- Help other students!

Minimum requirements for applicants include an overall GPA of at least 3.25 and a B+ or better in the courses you wish to tutor. Applicants should be model students with a desire to help others learn.

- Tutors typically tutor 4-6 hours per week. All time spent tutoring is paid.
- All new tutors enroll in a one credit hour training class, USC 210.
A Brief Overview of GlaxoSmithKline

GlaxoSmithKline is a science-led global healthcare company – with three world-leading businesses – that research, develop and manufacture innovative pharmaceutical medicines, vaccines and consumer healthcare products. They have a significant global presence with commercial operations in more than 150 countries, a network of 87 manufacturing sites, and large R&D centers in the UK, USA, Belgium and China.

GSK manufactures products such as Sensodyne, Aquafresh, and Abreva, as well as vaccines for hepatitis and rabies and prescription medications. Locally, GSK has offices in Durham, RTP, and Zebulon, NC.