



# Student Enrichment Opportunities Office

## NEWSLETTER

### Meetings, Scholarships and Educational Opportunities

Dear RISE Colleagues,

As the Director of Diversity Affairs in the Office of Graduate Education at the University of North Carolina at Chapel Hill (UNC-CH), I am writing to share additional information with you and your scholars about applying to the Biological and Biomedical Sciences Program (BBSP) and other training/support opportunities available at UNC.

The graduate application fee set by the UNC Graduate School is \$90. Application fee ***scholarships*** are available for BBSP applicants who are RISE scholars and/or from populations historically underrepresented in the biomedical sciences that do not qualify for a fee waiver available through the UNC Graduate School. **To be considered for a fee scholarship, please have your scholars complete the fee scholarship eligibility survey. This survey must be completed prior to submission of their BBSP application, and the earlier the better.**

**The final BBSP application deadline for Fall 2019 admissions is December 3, 2019. No applications will be accepted, for any reasons, after the deadline.**

UNC is a national leader in research and training, ranking 8th among private and public universities for NIH research funding (FY17). Our summer research, postbacc, and graduate programs in the biomedical and biological sciences embrace diversity of both people and thought, and our trainees from underrepresented (UR) groups are successful leaders and researchers throughout the scientific enterprise.

- **BBSP** – <http://bbsp.unc.edu> – The umbrella admissions portal for entry into 14 PhD programs with over 350 affiliated faculty. BBSP admits ~90 students per year, and ~25% of our biomedical graduate students are from UR groups.
- **IMSD** – <http://imsd.unc.edu> – The NIH-funded Initiative for Maximizing Student Development (IMSD) increases the PhD attainment and career success of UR scientists by providing academic enrichment, mentorship, professional development, and a supportive community for BBSP students.
- **ImPACT** – <http://tibbs.unc.edu/unc-impact-program> – Previously funded by 1 of only 17 institutional BEST grants awarded by the NIH, our Immersion Program to Advance Career Training (ImPACT) provides innovative career exploration, training, and experiential learning opportunities. This program broadens career preparative training for BBSP graduate students pursuing research and research support careers in academia/higher education, biotech/pharma, business development, entrepreneurship, policy, nonprofit, and government.

Thank you in advance for your time and willingness to share this information with your scholars. If you need additional information or have questions, please do not hesitate to contact us at [bbsp@unc.edu](mailto:bbsp@unc.edu) or 919-843-6960.

**Summer Student Research Program for High School & Undergraduate Students  
Hosted by Children's Hospital Oakland Research Institute (CHORI)  
Applications are Now Available for Summer 2020**

The CHORI Summer Student Research Program (SSRP) provides unique research training opportunities for high school and college students from under-represented backgrounds interested in careers within science and medicine. The program is a 9-week full-time internship during the summer that immerses students into active biomedical, clinical, or behavioral programs, supplemented with lectures from leading researchers and group discussions on medical ethics, cultural competency, and career planning. Students work one-on-one with scientific mentors on independent research projects, culminating in public presentation of their their work to the local scientific community. Peer support, networking, and other enrichment opportunities are offered all within a friendly and nurturing environment. The goal is to help inspire and support the next generation of biomedical researchers and clinicians.

Program dates: [June 8-August 7, 2020](#)

Internship stipends: \$2,500 to \$4,000, depending on funding source

Internship housing: Not provided

Application period open: [November 4, 2019](#)

Application period closed: [February 7, 2020](#) for high school students and [February 21, 2020](#) for undergraduate students

**Qualifications:**

- US citizens/permanent residents with demonstrated interest in the biological and/or health sciences
- Students from under-represented backgrounds defined by ethnicity, disability, or economic bracket
  - Availability for full-time attendance during entirety of program period

Visit our website for more information, FAQ, and application portal: [www.chori.org/ssrp](http://www.chori.org/ssrp)

We look forward to seeing your students applications.  
CHORI SSRP Leadership Team

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## **Broad Institute of MIT and Harvard**

**---- summer research program----**

[Broad Summer Research Program \(BSRP\) - broad.io/bsrp](http://broad.io/bsrp)

The Broad Summer Research Program (BSRP) offers students with a demonstrated commitment to promoting diversity and inclusion in STEM disciplines the opportunity to conduct intensive research in a collaborative community.

BSRP participants spend the summer performing original computational or experimental-based research in labs across the Broad Institute's research areas, from cancer to infectious disease to computational biology. In addition, the program features a rich curriculum outside the lab that emphasizes career development, personal development, and teamwork in a small cohort.

Deadline: January 13, 2020

**----postbac program----**

[Broad Biomedical Postbaccalaureate Scholars Program - broad.io/bbps](http://broad.io/bbps)

An innovative, two-year program, BCGS offers participants a comprehensive, structured and immersive experience that includes groundbreaking research and academic and career guidance. BCGS participants will carry out research as paid, full-time Associate Computational Biologists or Research Associates, working alongside leading scientists within the Broad Institute.

Eligibility - seniors or recent graduates who majored in the biological, physical or computer sciences, engineering or mathematics, and are interested in pursuing a graduate degree (M.S., Ph.D., M.D./Ph.D.)

Deadline: January 20, 2020

***For additional opportunities for Spring 2020 graduates visit our website,***

<https://www.broadinstitute.org/careers/recent-grads>

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**The WAVE Fellows** program provides support for talented undergraduates intent on pursuing a Ph.D. to conduct a 10-week summer research project at Caltech.

The WAVE Fellows program aims to foster diversity by increasing the participation of underrepresented students in science and engineering Ph.D. programs and to make Caltech's programs more visible and accessible to students not traditionally exposed to Caltech. The program is extended, but not limited, to underrepresented minorities, women, first-generation college students, geographically underrepresented students, educationally and financially disadvantaged students, and students with disabilities.

**Eligibility:** Students must be current sophomores through non-graduating seniors and must be U.S. citizens, U.S. permanent residents, or students with DACA status. A minimum GPA of 3.2 is required.

Competitive applicants will have completed sophomore-level courses in desired research field, have demonstrated through academic and/or co-curricular activities a passion for research, and can articulate how their research interests align with Caltech's research areas. The most competitive applicants will have prior research experience.

**Support:** WAVE Fellows will receive a \$6420 award for the ten-week program. An additional housing/travel supplement of \$580 will be provided.

**Application:** Online applications are due January 12, 2020.

For more information, visit <http://www.sfp.caltech.edu/programs/wavefellows>

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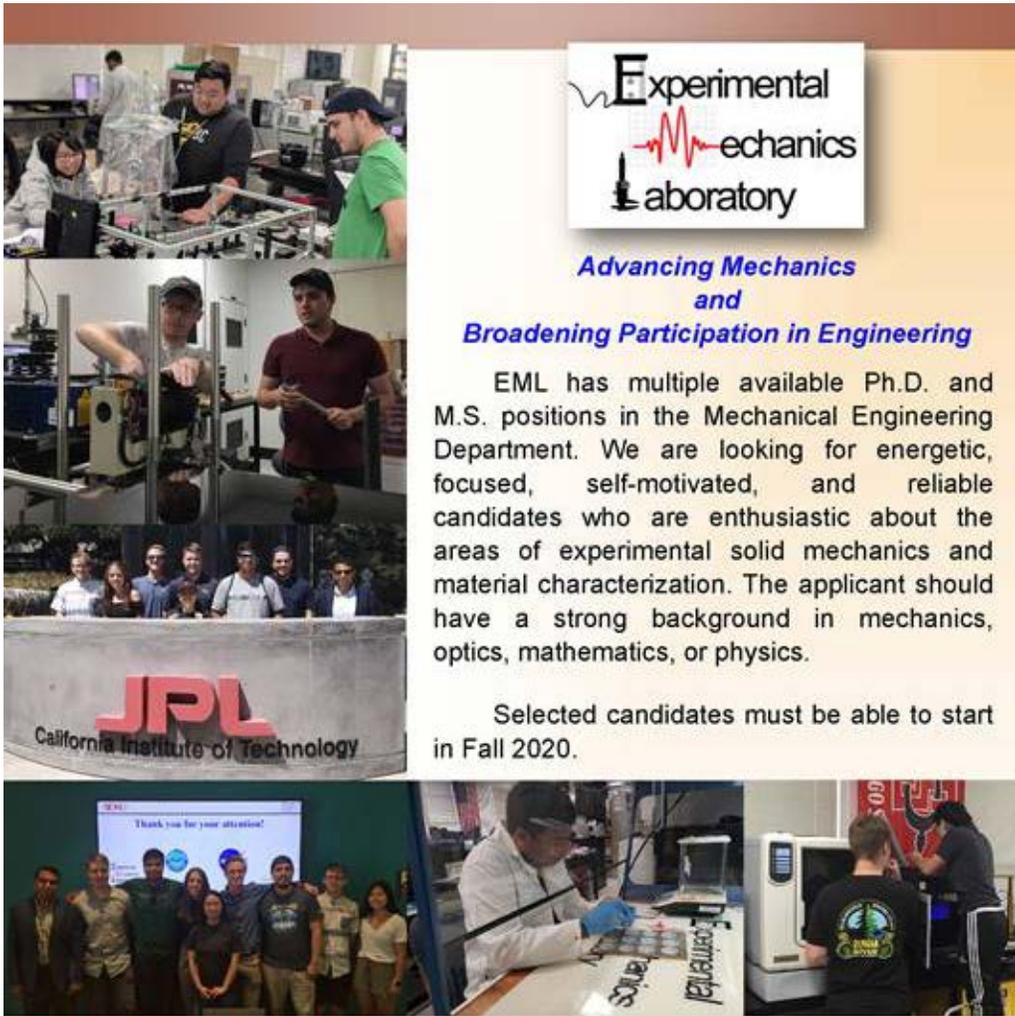
Caltech's Amgen Scholars Program is geared towards students in biology, chemistry, and biotechnology fields. Some of these fields include biology, biochemistry, bioengineering, medical engineering, chemical and biomolecular engineering, and chemistry.

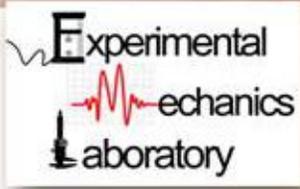
**Eligibility:** Students must be current sophomores through non-graduating seniors, must be attending a four-year university in the US at time of application, and must be U.S. citizens, U.S. permanent residents, or students with DACA status. A minimum GPA of 3.2 is required.

**Support:** Amgen Scholars will receive a \$6420 award, round-trip air transportation, and campus housing.

**Application:**  
Online applications are due February 15, 2020.

For more information, please visit  
[www.sfp.caltech.edu/programs/amgen\\_scholars](http://www.sfp.caltech.edu/programs/amgen_scholars)





Experimental  
Mechanics  
Laboratory

**Advancing Mechanics  
and  
Broadening Participation in Engineering**

EML has multiple available Ph.D. and M.S. positions in the Mechanical Engineering Department. We are looking for energetic, focused, self-motivated, and reliable candidates who are enthusiastic about the areas of experimental solid mechanics and material characterization. The applicant should have a strong background in mechanics, optics, mathematics, or physics.

Selected candidates must be able to start in Fall 2020.

**Experimental Mechanics Laboratory** *Current and past sponsors include:*

5500 Campanile Drive  
Physical Sciences 201  
San Diego, CA 92182-1323

Website: [youssef-lab.sdsu.edu](http://youssef-lab.sdsu.edu)  
Phone: 619-594-6649  
E-mail: [gyousssef@sdsu.edu](mailto:gyousssef@sdsu.edu)



THE UNIVERSITY  
OF IOWA



The University of Iowa is pleased to offer a **FREE** six-week summer enrichment program for underrepresented first-year or sophomore college students who are interested in Medicine, Dentistry, Pharmacy, or Public Health.

*This includes local, national, and community college students!*

SHPEP offers students a variety of academic, networking, and professional development experiences, such as:

- Basic science preparatory classes in anatomy and physiology, organic chemistry, and physics
- Individual career counseling with faculty and staff
- Free room and board, stipends for food, living and travel expenses
- Learning and study skills development, including methods of individual and group learning
- Shadowing, volunteering, and hands-on clinical experiences
- A financial literacy and planning workshop that informs students of financial concepts and strategies
- Leadership and student government opportunities
- Connections with other aspiring health professionals

All students who meet the Summer Health Professions Education Program eligibility requirements are encouraged to apply.

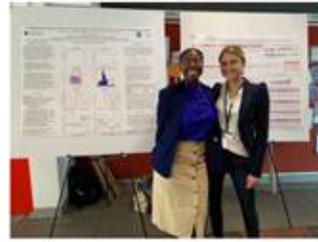
Applicants must meet the following requirements:

- Be a college freshman or sophomore at the time of application
- Have a minimum overall GPA of 2.5
- Be a U.S. citizen, a permanent resident, or an individual granted deferred action for childhood arrivals (DACA) status by the U.S. Citizenship and Immigration Services
- Not have previously participated in the program
- Be an underrepresented student in health professions which includes: African/African American/Black, Latino/a/x, Native/American Indian, and Pacific Islander, low income, first generation college, or rural student

**Complete application before *February 5th!***

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# Intern at Harvard this summer in Systems Biology!



## About the Program

Interns collaborate with our researchers, as well as their own peers, through Harvard's Quantitative Biology Initiative and the Department of Systems Biology at Harvard Medical School. Interns will participate in presentations, seminars, lectures, poster sessions, networking events, and have a chance to experience all that Boston has to offer. Participants will work in our labs, gain hands-on experience with state-of-the-art tools, and learn cutting-edge scientific techniques in our dynamic research environment. Students interested in pursuing a PhD or MD/PhD, and students from under-represented minorities or disadvantaged backgrounds, are especially encouraged to apply. The internship is a ten-week program running from June to August. The program covers housing and provides a stipend of \$5,000 to help cover travel and meal expenses.

## Eligibility

Applicants meet these requirements:

- ✓ Must be US citizens or permanent residents
- ✓ Currently enrolled full-time, in good standing, at an accredited college in the United States
- ✓ Must be at least 18 years old



## Application Requirements

- ✓ Completed application
- ✓ Resume or CV
- ✓ Transcripts
- ✓ Essay
- ✓ Two Letters of Recommendation

## Visit our website to learn more & apply

<https://sysbio.med.harvard.edu/summer-internships>

Applications open on December 2<sup>nd</sup> and are due by midnight on February 9<sup>th</sup>

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Caltech's graduate programs offer an intensive research-based graduate experience along with a strong but flexible curriculum of coursework in most fields of science and engineering. Graduate students at Caltech also have the opportunity to collaborate with scientists and engineers at the Jet Propulsion

Laboratory and other research centers. We invite you to visit Caltech's graduate website <http://www.gradoffice.caltech.edu>, which provides detailed information about our graduate programs, research and technology centers, and library and computing resources. There are news bulletins, an events calendar, faculty profiles, and much more.

We invite you to complete your application online by using the following link to create a free account <https://www.applyweb.com/caltgapp/index.ftl>. **If you are interested in applying to Caltech, we can waive the \$100 application fee.** In order to claim your fee waiver, please fill out the fee waiver form that is included in the online admissions application. If you encounter any problems, feel free to email us at [gradofc@caltech.edu](mailto:gradofc@caltech.edu) for instructions. If you have specific questions about the graduate programs at Caltech, you may call the Office of the Dean of Graduate Studies at [626-395-6346](tel:626-395-6346) (between 8 AM and 5 PM Pacific Standard Time, Monday through Friday) or email [gradofc@caltech.edu](mailto:gradofc@caltech.edu). You may also consult the graduate studies website at <http://www.gradoffice.caltech.edu>

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### Application

The Department of Microbiology and Immunology at The University of Iowa is pleased to announce a **summer research opportunity** for talented undergraduates interested in a career in the biological sciences.

#### **Program Highlights:**

- The 2020 program will begin May 26 and end on July 31 (10 weeks).
- An intensive, mentored research experience doing cutting-edge science.
  - Professional development and social activities.
  - A stipend total of \$6,000.
- Housing, an allowance for incidental expenses, and travel expenses.

#### **To be eligible for the program, students must be:**

- Enrolled at a community college, college or university.
- Returning for at least one semester of undergraduate study before graduation.
  - Interested in graduate school and a career in biological research.
  - A US citizen or permanent resident (hold a green card).
  - Prior research experience is NOT a requirement.
- Disadvantaged students (economically or first in the family to attend college), underrepresented minority students, and students from colleges that do not have extensive research opportunities are especially encouraged to apply.

**The application deadline (including all supporting materials) is February 15, 2020.**

#### **Contact information:**

Summer REU in Microbiology at Iowa  
University of Iowa

3-403 Bowen Science Building  
Iowa City, IA 52242-1109  
Phone: (319) 335-7807  
Email: [undergrad-micro-info@uiowa.edu](mailto:undergrad-micro-info@uiowa.edu)

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## General News and Updates

A link to UCLA's Graduate Programs in Bioscience newsletter for fall is [here](#).

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415-338-1305

<http://seo.sfsu.edu>

<https://www.facebook.com/sfsuseo/>