

Newsletter 11/25/2014 - special summer research edition

What, is it really time to start thinking about summer plans??!

YES — *Most summer research programs' applications are due in January and February.*

Besides the application itself, you'll need time to contact your reference letter writers, spruce up your resume, and get transcripts.

One more note - most are PAID ! \$\$\$\$

Below is:

- 1) Some example Summer Research Program in Pittsburgh
- 2) Some example Summer Research Programs elsewhere (Most pay for housing !!!)
- 3) Places you can look for other Summer Research Programs

=====
=====

1) Some example Summer Research Programs in Pittsburgh

Mentor/ Mentee Summer Fellowship Program (Biological Sciences)

<http://www.biology.pitt.edu/undergraduate/awards-and-fellowships/mentormentee>

Brackenridge Summer Fellowship - due March 2

<http://www.honorscollege.pitt.edu/node/326>

Summer Undergraduate Research Awards

<http://www.asundergrad.pitt.edu/our/awards-funding>

School of Medicine Summer Undergraduate Research Program (SURP) - deadline Feb 1

<http://www.gradbiomed.pitt.edu/node/268>

CNUP Summer Undergraduate Research Program - due Feb 11

<http://www.cnup.neurobio.pitt.edu/training/summer/index.aspx>

=====
=====

2) Some example Summer Research Programs elsewhere (Most pay for housing !!!)

Summer Research: Caltech WAVES Fellows - due Jan 7

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. Caltech is committed to promoting diversity within its educational programs and activities and strives to ensure that differing cultural, ethnic, social, geographic, and economic perspectives are represented. Caltech's 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, and educationally and financially disadvantaged students.

Eligibility: Students must be current sophomores through non-graduating seniors and must be U.S. citizens or U.S. permanent residents. 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 \$6000 award for the ten-week program. An additional \$500 housing and travel supplement will be provided.

visit <http://www.sfp.caltech.edu/programs/wavefellows>

Summer Research: University of Michigan Med School - due Jan 16

Michigan's Medical Scientist Training Program is sponsoring the "UM-SMART" summer program is designed to

provide an opportunity for highly motivated and talented undergraduates interested in careers as physician scientists to enhance their science and academic skills.

The program is targeted towards students who are from geographically, culturally or educationally disadvantaged backgrounds, students who have experienced financial hardship, and students with disabilities. Applicants should have completed at least their freshman undergraduate year.

The main focus of the program is full-time research in a biomedical laboratory, but the program also includes physician shadowing, an MCAT prep course, and an opportunity to attend bi-weekly seminars and a 2 day MSTP retreat in August.

Receive a stipend of \$4400, plus housing, and transportation.

<http://medicine.umich.edu/medschool/education/mdphd-program/um-smart-undergrad-summer-program>

Summer Research: MIT Amgen - due Feb 2

This program is designed to foster a passion for science and biotechnology by engaging students in first rate research experiences in MIT laboratories. Students will gain hands-on lab experience and contribute to the advancement of science. This community of young scholars will share in the excitement of research by participating in a faculty-led seminar series, workshops, poster session and a mid-summer symposium at UCLA (travel, room and board are covered).

Support: paid a stipend; room, board and transportation to and from Boston will be covered. T

U.S. program applicants must also have:

- A cumulative grade point average of 3.2 or above
- An interest in pursuing a Ph.D. or M.D.-Ph.D.

<http://web.mit.edu/urop/amgenscholars/>

Summer Research: Caltech Amgen Fellows - due Feb 15

Caltech's Amgen Scholars Program is geared towards students in biology, chemistry, and biotechnology fields. Some of these fields include biology, biochemistry, bioengineering, 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, and must be U.S. citizens or U.S. permanent residents. A minimum GPA of 3.2 is required.

Support: Amgen Scholars will receive a \$6000 award, round-trip air transportation, campus housing, and a food allowance.

www.sfp.caltech.edu/programs/amgen_scholars.

Summer Research: University of Iowa Department of Microbiology - due Feb 15

The Department of Microbiology 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 offers:

- An intensive, mentored research experience doing cutting-edge science.
- A co-curriculum that includes research seminars, field trips and several interactive workshops—poster preparation, research ethics, graduate school, and career opportunities.
- A \$5,250 stipend + paid Housing, food allowance, and travel paid by the program

To be eligible for the program, students must be:

- Enrolled at a college or university and majoring in a biological science.
- In their sophomore or junior year at the time of application.
- Interested in graduate school and a career in biological research.
- Prior research experience is NOT a requirement.
- Students from underrepresented groups or colleges that do not have extensive research programs are especially encouraged to apply.

The 2015 program will begin May 26 and end on July 31 (10-week program).

<http://www.medicine.uiowa.edu/microbiology/summer>

Summer Research: University of Georgia - due Feb 20

University of Georgia's REU Site in Undergraduate Biology Education Research (UBER)! UBER is a nine-week, NSF-funded program to involve undergraduates in designing and conducting research on undergraduate biology teaching and learning with mentorship from faculty from UGA's Division of Biological Sciences and College of Education.

<http://uber.coe.uga.edu>

- Students will be paid a stipend of \$4,500
- Free Housing will be provided in UGA dormitories
- Travel assistance to UGA is available up to \$500 per student
- Applications from students from minority serving institutions and/or majoring in biology, education, psychology, anthropology, sociology, and statistics are especially encouraged.

=====
=====

3) Places you can look for other Summer Research Programs

A) Our website <http://biology.pitt.edu/undergraduate/research/outside-pitt>

B) Bulletin board in the Biological Sciences Advising Office (A258 Langley Hall)

C) The internet. Try key terms:

- "REU"
- "SURF"
- "summer undergraduate research"

Look for: programs associated with a College, University, Medical School, or Government Agency. Be vary careful about programs run by other organizations.