Undergraduate Summer Research Opportunities and Funding Sources in Physics - Summer 2019

This document is meant to provide an overview of the resources available for summer research and funding. For those already working in a group, funds also can often be acquired through the professor directly to continue research over the summer.

**Research Experiences for Undergraduates (REUs)**
Funded by the NSF, these research opportunities fund and give undergraduates the experience to do research in other parts of the country. Often these programs are highly competitive, and application dates vary.

Tiffany Reardon in the College of Engineering put together a guide for REUs; though it is dated for 2017, its information is still valid: [https://tinyurl.com/REUGuide](https://tinyurl.com/REUGuide)

A list of physics REU sites for the coming summer can be found here; application deadlines can be found on the external links: [https://tinyurl.com/REUSites](https://tinyurl.com/REUSites)

**Science Undergraduate Laboratory Internship (SULI)**
This program provides research experiences at Department of Energy (DOE) laboratories, such as Ames in Iowa, Argonne in Illinois, Brookhaven in New York, and more. Lawrence Berkeley Lab, Sandia Lab, and Lawrence Livermore National Lab also participate in this program, allowing for opportunities closer by. Internships last for ten weeks over the summer; they also provide semesterly opportunities for sixteen week terms. This year, applications are due January 10th, and require two letters of recommendation, essays, research interests, and labs you are interested in working at.

Available host labs can be found here: [https://tinyurl.com/SULIHosts](https://tinyurl.com/SULIHosts)

Application information can be found here: [https://tinyurl.com/SULIApp](https://tinyurl.com/SULIApp)

**UC Leadership Excellence through Advanced Degrees (UC LEADs)**
UC LEADs is a program maintained through Cal NERDs, a program made up of a suite of programs meant to give research opportunities, tech training, and graduate school and career preparation to underrepresented students in STEM. The UC LEADs program is specifically targeted at underrepresented students planning on going to graduate school. The program provides two summers of funding for research, one at the Berkeley campus, and one at another UC campus. The program also involves a weekly seminar that provides graduate school application coaching and more, and a UC-wide symposium in March. Their rolling application is open now and closes in February.

Application and program information can be found here: [https://tinyurl.com/UCLeads](https://tinyurl.com/UCLeads)
**Haas Scholars**
Despite the name, the Haas Scholars program is directed to all majors and provides opportunities for one-on-one mentoring, a large research and housing stipend (up to $13,800 dollars the year that you participate), and a supportive research cohort. Applications require a transcript, project proposal, and a research mentor willing to support you, as well as optional letters of recommendation. The deadline for application is February 20th, 2019.
For more information, visit the Haas Scholars site: [http://hsp.berkeley.edu](http://hsp.berkeley.edu)

**Summer Undergraduate Research Fellowship (SURF)**
One of the more commonly applied to fellowships, SURF allots a large research stipend with very few obligations. Minimum GPA is 3.0. Their main program allots a $4500 research stipend for one summer; other programs provided are directed towards students specifically from Southern California, and have slightly larger stipends. Participants are assigned to a small cohort to meet with throughout the summer, and are required to attend a conference on August 15th and 16th to present their research.
For more information, visit the SURF site: [http://surf.berkeley.edu](http://surf.berkeley.edu)

**McNair Scholars Program**
The deadline for this application has already passed (October 2nd), but if you will still be conducting research the summer after next it is worth applying to. The program is directed toward underrepresented or first-generation/low income students intending to pursue a PhD. Minimum GPA is 3.0, and the scholarship is restricted to US citizens. The program has seminars in the fall semester and an institute over the summer, as well as a retreat after the start of the semester. The application requires a research proposal and two letters of recommendation.
For more information, visit the program site: [https://mcnair.berkeley.edu](https://mcnair.berkeley.edu)