

Hello Science & Engineering majors,

For the first time, Cal Poly SLO is participating in the CAMPARE program which provides paid opportunities for science and engineering students to conduct physics and astronomy research at sites across the United States. See below for more information about the program, the research sites, and how to apply!

About the CAMPARE program:

The [CAMPARE program](#) provides paid summer research opportunities for majors in *any field of science or engineering* in physics, astronomy & astrophysics, planetary science, astrobiology, and related fields at 15 world-class research institutions. Many sites have projects appropriate to multiple majors in both science and engineering. Past CAMPARE scholars have been majors in physics, biology, chemistry, computer science, geology, math, and multiple majors in engineering. *Note that restrictions with regard to US citizenship or permanent residence do not apply at some sites.* The 8 CAMPARE research sites are:

- Carnegie Observatories in Pasadena, California (astronomy & astrophysics research)
- Northern Arizona University in Flagstaff, Arizona (astronomy & astrophysics and planetary science research)
- SETI Institute in Mountain View, California (astrobiology research)
- Stanford University in Palo Alto, California (astronomy & astrophysics plus physics research, including AMO, biophysics, condensed matter, and particle physics)
- UC Davis in Davis, California (physics and astronomy research)
- UC Irvine in Irvine, California (astronomy & astrophysics research)
- UC San Diego in San Diego, California (astronomy & astrophysics research)
- University of Wyoming in Laramie, Wyoming (astronomy & astrophysics research)

About the CHAMP program:

In addition, for the second year, there are a set of research opportunities with CAMPARE, the [CAMPARE-HERA Astronomy Minority Partnership \(CHAMP\)](#) program. In this program, participants will study cosmology and radio astronomy at one of 7 universities partnering on the Hydrogen Epoch of Reionization Array (HERA) project, a new state-of-the-art radio telescope being built in South Africa. Students with an interest in hands-on laboratory and computer-based work (including majors in physics, computer science, and engineering), while working to understand the underlying science of the project, are especially encouraged to apply to CHAMP. The 7 research sites in the CHAMP program are:

- Arizona State University in Tempe, Arizona
- UC Berkeley in Berkeley, California
- Brown University in Providence, Rhode Island
- Massachusetts Institute of Technology (MIT) in Cambridge, Massachusetts
- UCLA in Los Angeles, California
- University of Pennsylvania in Philadelphia, Pennsylvania
- University of Washington in Seattle, Washington

General program information:

- Program Website: www.cpp.edu/campare
- Program participants receive a stipend; in addition, travel and housing expenses are included
- Application deadline is February 1, 2018
- Programs run from 8-10 weeks
- The program dates vary by site; visit each [CAMPARE research site web page](#) for more information
- Students may (and should) apply to work at more than one research site. The more opportunities selected, the better the chances of being chosen for the program
- Read about prior program participants' experiences at our blog, [Astroblog](#).

General application requirements & instructions:

- Applicants must be 18 years old by the start of the program
- Applicants can be from *any science or engineering* major
- The program is meant to serve students from groups traditionally underrepresented in STEM fields, but all students who meet the program eligibility requirements may apply
- Some opportunities are open to US Citizens and permanent residents only, while others are open to all applicants, regardless of citizenship/immigration status (see below)
- Applications are only accepted online; instructions can be found at <https://www.cpp.edu/~sci/physics-astronomy/research/campare-instructions.shtml>

Undocumented Students:

As it says above, some opportunities are open only to US Citizens and permanent residents, while other sites are open to all applicants, regardless of citizenship/immigration status. While undocumented students may apply to all sites, research sites that have confirmed their ability to fund and support undocumented students are:

- UC Irvine in Irvine, California; [SURF Program](#) (astronomy & astrophysics research)
- UC San Diego in San Diego, California; [STARS Program](#) (astronomy & astrophysics research)
- Stanford University in Palo Alto, California (astronomy & astrophysics plus physics research, including AMO, biophysics, condensed matter, and particle physics)

Want more information and/or support during the application process?

At Cal Poly SLO, Professor Stephanie Wissel (CAMPARE liaison, swissel@calpoly.edu) and the [LSAMP team](#) will be hosting office hours (see times below) to provide support during the application process. Any additional questions can be directed to Professor Alex Rudolph, Department of Physics and Astronomy, Cal Poly Pomona, the director of the program, at alrudolph@cpp.edu.

Professor Stephanie Wissel's CAMPARE Office Hours:

- Tuesday, January 23 from 6-7pm in 180-616
- Wednesday, January 24 from 6-7pm in 180-616
- Friday, January 26 from 6-7pm in 180-616
- Tuesday, January 30 from 6-7pm in 180-616
- Wednesday, January 31 from 6-7pm in 180-616

Additionally, Professor Wissel's weekly office hours are Mondays 2:10-3:00 PM, Tuesdays 12:10-1:00PM, Wednesdays 1:10-2:00 PM, and Fridays 1:35-2:25 PM.

LSAMP Office Hours:

- Monday, January 29 from 8am-4pm in 25-121
- Tuesday, January 30 from 8am-4pm in 25-121
- Wednesday, January 31 from 8am-4pm in 25-121

Thanks!

Stephanie Wissel and LSAMP

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