Research Experience for Undergraduates

REUs are paid summer research internships in science hosted by universities across the country in several different fields. The run-time of most REUs is 10 weeks, starting in May or June and finishing in August or September. Applications for REUs are often due in January or February, but can have due dates as late as April.

REU applications require:
- US citizen or permanent resident status (by NSF regulation).
- Enrollment in an undergraduate degree program (by NSF regulation). Successful applicants are typically sophomores or juniors.
- [typically] Personal statement 1-2 pages in length describing your experience, skills, interests, goals, and what aspect of the particular REU is of special interest to you.
- [typically] CV or resumé
- [typically] Transcript
- [typically] 2 letters of recommendation

REU web resources:
  - From here you can narrow your search to fields such as physics, math, earth sciences, etc., and then search within those for specific subfields.

  APS Undergraduate Programs website: http://www.aps.org/programs/education/undergrad/physicsreu/students/index.cfm
  - This website has a link to an REU database which is searchable by field and subfield. (http://www.compadre.org/student/research/index.cfm)
  - Also has information about other summer internships (mostly research-related). The internships listed here include REUs as well as other fellowships for summer research, e.g. National Undergrad Fellowship, Smithsonian Fellowships, etc.
Campus Resources
Home page: research.berkeley.edu

research.berkeley.edu/opportunities
- links to campus funding applications for semester and summer programs. You can sort by deadline or program name. Programs are not listed by discipline, so this will take some browsing.

Some highlights:
Summer Undergraduate Research Fellowships (SURF)
- Deadline 03/07/2014. Get funding for summer research!

SMART (Student Mentoring and Research Teams)
- Deadline 02/28/2014. Get funding for summer research with a grad student!

COINS Undergraduate Internship Program in Nanotechnology
- Deadline 02/14/2014 (check COINS website for detail). This appears to be two programs: a summer REU as well as a semester program called Nano Experience for Students (NES).

URAP: Undergraduate Research Apprentice Program
- Spring and Fall deadlines. Get funding for research during the semester.

Physics Undergraduate Research Scholarship Program (“B-PURS”)
- Spring and Fall deadlines. Get funding for research during the semester