Where will your research take you?

Office of Undergraduate Research & Scholarships

University of California, Berkeley
Why Do Research?
• Pursue your intellectual passions
• Meet mentors and peers who share your interests
• Apply what you’ve learned in class, hands-on
• Build skills that are highly valued by employers, graduate & professional schools
• Contribute to knowledge
• Accomplish something you’re really proud of
U.C. Berkeley is the World’s Premier Research Institution

More than 1,600 faculty across 170 departments and centers

7 current Nobel Prize winners

29 Nobel Prizes awarded to Cal alumni

Dr. Jennifer Doudna, Biochemist
The many ways Berkeley Students Engage In Research

Through their courses

As research apprentices working on faculty research projects

As independent researchers independent studies, senior thesis or project

Kate Boden
Senior, 2015 SURF Fellow
Physics Major – completed her research project on science education in Tibetan monasteries
1. Be a research apprentice

2. Conduct your own research
Social Sciences/Humanities/Arts

Be a research apprentice

Conduct your own research
Participate in current faculty-initiated research

1450 student apprentices last spring working with over 300 mentors

Learn how research is carried out:
  funding → design → analysis → publication

Get to know faculty better as mentors as research colleagues
URAP in the field...

Lifeways of Prehistoric Hunter-Gatherers in Japan (Anthropology)
URAP in the labs...

Properties of Ionic Liquids (Chemistry)
URAP in the archives...

The history of social justice movements in the Bay Area
Beyond apprenticeships: student initiated research

Independent studies: 99s, 199s

Senior thesis project or capstone

Many opportunities for funded independent research

Two examples of campus-wide programs:
SURF Fellows
Haas Scholars
A summer of independent research with mentoring support and a $4,000-$6,000 stipend

Professional academic conference

surf.berkeley.edu
20 outstanding seniors a year
Eligibility = top students with financial need
up to $13,800 scholarship for summer and senior year
Robust intellectual support
Professional academic conference
Search the research.berkeley.edu research programs database for 50+ programs
Search the research.berkeley.edu research programs database for 50+ programs

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<thead>
<tr>
<th>Program</th>
<th>Deadline</th>
<th>Comments</th>
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<tbody>
<tr>
<td>Amgen Scholars: Undergraduate Summer Research Program in Sciences and Biotechnology</td>
<td>02/01/2018</td>
<td>estimated deadline</td>
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<td>Anne H. Scott Memorial Undergraduate Scholarship in Chinese Studies</td>
<td>04/01/2018</td>
<td>estimated deadline</td>
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<td>ASUC Academic Opportunity Fund (all majors; spring and fall deadlines)</td>
<td>11/01/2017</td>
<td>estimated deadline</td>
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<tr>
<td>Berkeley Mathematics Directed Reading Program</td>
<td>01/24/2018</td>
<td>estimated deadline</td>
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<tr>
<td>Cal Teach Berkeley Summer Research Institute</td>
<td>02/02/2018</td>
<td>estimated deadline</td>
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<td>Cal-ADAR: Advancing Diversity in Demography of Aging Research</td>
<td>02/02/2018</td>
<td>rolling deadline</td>
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<td>Carl Rosberg and Judith Geist Undergraduate Research Fellowship for Travel to Africa</td>
<td>02/13/2018</td>
<td>estimated deadline</td>
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<td>Center for British Studies - Kirk Underhill Undergraduate Prize</td>
<td>03/31/2018</td>
<td>estimated deadline</td>
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<tr>
<td>Center for Energy Efficient Electronics Science (EES) Summer Program</td>
<td>01/27/2018</td>
<td>estimated deadline</td>
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<td>Center for Race and Gender (independent projects; spring and fall deadlines)</td>
<td>10/09/2017</td>
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<td>Center for Right-Wing Studies Undergraduate Mini-Grant Program</td>
<td>11/14/2017</td>
<td>estimated deadline</td>
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<tr>
<td>Center on Politics and Development Undergraduate Fellows Program (apprenticeship for credit)</td>
<td>09/05/2017</td>
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Limit your search by certain criteria
Find hundreds of off-campus opportunities

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<td>Active Minds Emerging Scholars Fellowship (mental health)</td>
<td>12/11/2017</td>
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<td>American Society for Biochemistry and Molecular Biology--Listing of summer research opportunities</td>
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<td>Childrens Hospital Oakland Research Institute (CHORI) Summer Research Programs</td>
<td>02/24/2018</td>
<td>estimated deadline</td>
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<td>Dept of Energy Science Undergraduate Laboratory Internships (SULI)</td>
<td>10/07/2017</td>
<td>estimated deadline</td>
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<td>ETERN: Research Program for Undergraduates of the E35's Member Institutions</td>
<td>09/30/2017</td>
<td>estimated deadline</td>
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<tr>
<td>Howard Hughes Medical Institute Exceptional Research Opportunities Program (HHI EXROP)</td>
<td>12/01/2017</td>
<td>estimated deadline</td>
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<tr>
<td>Howard Hughes Medical Institute:Search for Science Opportunities</td>
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<td>Lawrence Berkeley National Lab</td>
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Search for hundreds of scholarship opportunities in the scholarships database

scholarships.berkeley.edu

Chun Man Chow
Senior, 2016 Churchill Scholar
Going to Cambridge University...
How to get started?

• Attend workshops by OURS
  – “How To Get Started In Research”/How to find a mentor
  – Professional Communication (Emailing professors)
  – URAP Info Session early fall/spring
Think About Topics
Seek Out Faculty Sponsors
Next steps:

• Sign up for the OURS listserv AND Scholarship Connection listserv

• Browse the databases at research.berkeley.edu and scholarships.berkeley.edu

• Contact us if you have more questions!

• Attend the October 17 Research and Scholarships Fair

• Connect with student groups that are here for you: UROC, ULAB, and OURS peer advisors
OURS Peer Advisors

Experienced undergraduate researchers are ready to help you get started in research (visit their office hours, email them)

http://research.berkeley.edu/peer-advisors
http://research.berkeley.edu/peer-advising
Underrepresented Researchers of Color (UROC)

• Upper division undergrad researchers of color who
  • foster a research community to support undergrad students of color
  • hold workshops, host grad student speakers, panels, mixers

To enable students of color to carry out research they are passionate about

http://research.berkeley.edu/underrepresented-researchers-color
ULAB: Undergraduate peer mentors in STEM disciplines

undergradlab.wordpress.com
See you soon!

Sean Burns
Director

Leah Carroll
Haas Scholars

Mary Crabb
Stronach Prize

Justin Lopez
SURF - STEM

Alicia Hayes
Scholarships

Stefanie Ebeling
URAP

Melissa Griffith
SURF-SocSci/Hum

Roland Fang
Student Assistant

2422 Dwinelle Hall; research.berkeley.edu, scholarships.berkeley.edu