

## Undergraduate Internship Opportunities Summer 2016

### Research Internships

The SMART Program at UC Boulder (Summer Multicultural Access to Research Training)

Who	<ul style="list-style-type: none"> <li>• Members of racial/ethnic groups underrepresented in STEM fields or first-generation students who are economically disadvantaged</li> <li>• Sophomores and above (rising juniors and seniors)</li> </ul>
What	<ul style="list-style-type: none"> <li>• 10-week summer research program</li> <li>• Hands-on research and introduction to graduate level education</li> </ul>
Where	University of Colorado at Boulder
Deadline	2/15/16 (Applications accepted beginning Jan. 1)
Website	<a href="http://www.colorado.edu/GraduateSchool/DiversityInitiative/undergrads/smart/index.html">http://www.colorado.edu/GraduateSchool/DiversityInitiative/undergrads/smart/index.html</a>

SURGE (Summer Undergraduate Research in Geoscience & Engineering)

Who	<ul style="list-style-type: none"> <li>• Rising juniors and seniors (open to “exceptional” sophomores) that have an interest in attending grad school</li> <li>• Individuals who add diversity to the program (think broadly)</li> </ul>
What	<ul style="list-style-type: none"> <li>• 8-week summer research program</li> <li>• Work in a lab or research group with Stanford faculty</li> <li>• Graduate school preparation (GRE and application workshops)</li> </ul>
Where	Stanford University (California)
Deadline	1/29/16 (Application open now)
Website	<a href="https://pangea.stanford.edu/programs/oma/surge">https://pangea.stanford.edu/programs/oma/surge</a>

Department of Energy Science Undergraduate Laboratory Internships (SULI)

Who	Rising sophomores and above (including graduated seniors within one year of graduation)
What	10-week research experience at Department of Energy labs
Where	Nationwide
Deadline	1/8/16 (Application open now)
Website	<a href="http://science.energy.gov/wdts/suli/">http://science.energy.gov/wdts/suli/</a>

Carnegie Institution of Washington Summer Scholars Program

Who	Students that have completed 30 hours by the start of the program
What	10-week “participatory introduction” to research
Where	Washington, DC
Deadline	Not yet announced (This year: 2/28/15)
Website	<a href="https://www.gi.ciw.edu/static/groups/summerscholars/about.html">https://www.gi.ciw.edu/static/groups/summerscholars/about.html</a>

RESESS (Research Experiences in Solid Earth Science for Students)

Who	<ul style="list-style-type: none"> <li>• Sophomores and above (rising juniors and seniors)</li> <li>• Students from groups that are historically underrepresented in the geosciences</li> </ul>
What	<ul style="list-style-type: none"> <li>• 11-week, multi-summer internship program</li> <li>• Introduction to research and graduate school preparation; Industry experience in 2<sup>nd</sup> and 3<sup>rd</sup> summers</li> </ul>
Where	Boulder, CO
Deadline	2/1/16 (Application open now)
Website	<a href="http://recess.unavco.org/apply/apply.html">http://recess.unavco.org/apply/apply.html</a>

National Science Foundation Research Experience for Undergraduates (Many opportunities w/in program)

Who	Undergraduates (specifics vary by site)
What	<ul style="list-style-type: none"> <li>Participate in research at a host institution, funded by the NSF</li> <li>Each site has around 10 undergraduates</li> </ul>
Where	Nationwide
Deadline	Varies for each site
Website	<a href="http://www.nsf.gov/crssprgm/reu/">http://www.nsf.gov/crssprgm/reu/</a> Earth Sciences REU sites: <a href="http://www.nsf.gov/crssprgm/reu/list_result.jsp?unitid=5050">http://www.nsf.gov/crssprgm/reu/list_result.jsp?unitid=5050</a>

Mickey Leland Energy Fellowship

Who	Sophomores and above
What	<ul style="list-style-type: none"> <li>10-week research internship</li> <li>Participate in research that supports the work of the Dept. of Energy's Office of Fossil Energy</li> </ul>
Where	Nationwide (National labs and DOE Headquarters)
Deadline	12/21/15
Website	<a href="http://energy.gov/fe/about-us/students-and-teachers/mickey-leland-energy-fellowship">http://energy.gov/fe/about-us/students-and-teachers/mickey-leland-energy-fellowship</a>

Oak Ridge National Laboratory Higher Education Research Experiences (HERE)

Who	All undergraduates
What	<ul style="list-style-type: none"> <li>Participate in research in several areas: Clean energy, National security, Neutron science, nuclear science, advanced materials, etc.</li> <li>The Oak Ridge National Laboratory is associated with the Dept. of Energy</li> </ul>
Where	Oak Ridge, TN
Deadline	2/1/16 (Suggested deadline; applications accepted year-round)
Website	<a href="http://www.ornl.gov/hereatornl/undergraduates.htm">http://www.ornl.gov/hereatornl/undergraduates.htm</a>

Department of Energy Minority Educational Institution Student Partnership Program

Who	Undergraduate students with 24 completed hours
What	<ul style="list-style-type: none"> <li>10-week internship with DOE or its national labs</li> <li>Build technical experience and work with a mentor on a project related to interests</li> </ul>
Where	Nationwide
Deadline	Not yet announced (This year: 3/31/15)
Website	<a href="https://www.doemeispp.org/">https://www.doemeispp.org/</a>

National Energy Technology Laboratory Professional Internship Program

Who	All undergraduates
What	Participate in energy related research
Where	Albany, OR, Morgantown, WV, and Pittsburgh, PA
Deadline	2/15/16 (Suggested deadline; applications accepted year-round)
Website	<a href="http://www.ornl.gov/netl/research-experiences/index.html">http://www.ornl.gov/netl/research-experiences/index.html</a>

### National Renewable Energy Lab Research Participant Program

Who	Rising juniors and above (must have completed sophomore year by June 2016)
What	<ul style="list-style-type: none"> <li>Participate in NREL research</li> <li>Current positions include: Energy Regulatory Analyst Internship, Geothermal Analyst Internship</li> </ul>
Where	Golden, CO
Deadline	Varies by position
Website	<a href="http://www.nrel.gov/rpp/student_internships.html">http://www.nrel.gov/rpp/student_internships.html</a>

### Summer of Applied Geophysical Experience (SAGE)

Who	<ul style="list-style-type: none"> <li>Must have completed junior year at time by start of program</li> <li>Must have completed minimum of 1 year physics and 3 semesters calculus</li> </ul>
What	<ul style="list-style-type: none"> <li>Introduction to geophysical exploration and research</li> <li>Hosted by Los Alamos National Lab</li> <li>Hands-on field experience</li> </ul>
Where	New Mexico
Deadline	Not yet announced (This year: 3/29/15)
Website	<a href="http://www.lanl.gov/projects/national-security-education-center/geophysics-planetary-physics/sage/index.php">http://www.lanl.gov/projects/national-security-education-center/geophysics-planetary-physics/sage/index.php</a>

### Woods Hole Oceanographic Summer Student Fellowship

Who	<ul style="list-style-type: none"> <li>Must have completed junior year at time by start of program</li> <li>Must have some interest in the ocean sciences, oceanographic engineering, mathematics, or marine policy</li> </ul>
What	<ul style="list-style-type: none"> <li>Introduction to research in oceanography, oceanographic engineering, or marine policy</li> <li>Pursue an independent research project under the guidance of a member of the Scientific or Senior Technical Staff</li> </ul>
Where	Woods Hole, MA
Deadline	2/15/16 (Application open now)
Website	<a href="http://www.whoi.edu/main/ssf/admissions">http://www.whoi.edu/main/ssf/admissions</a>

### NASA DEVELOP

Who	<ul style="list-style-type: none"> <li>All undergraduates (over 18) and majors</li> <li>Minimum 3.0 GPA</li> </ul>
What	<ul style="list-style-type: none"> <li>Contribute to applied science research projects in partnership with NASA</li> <li>Find a list of proposed projects online</li> </ul>
Where	NASA Centers and other locations nationwide
Deadline	Application Window: 1/4/16 through 2/12/16
Website	<a href="http://develop.larc.nasa.gov/index.html">http://develop.larc.nasa.gov/index.html</a>

## **Government Internships**

All open positions are posted to USAJOBS (<https://www.usajobs.gov/StudentsAndGrads>)

Visit this website for positions with the following agencies:

- Bureau of Ocean Energy Management
- Bureau of Safety and Environmental Enforcement
- U.S. Geological Survey
- Bureau of Land Management
- National Park Service
- U.S. Energy Information Administration
- Office of Energy Efficiency & Renewable Energy

Positions are posted for short periods of time. To be prepared, create an account on USAjobs.gov before you begin your internship search. Upload your resume and supporting documents ahead of time to facilitate the application process.

### Collegiate Leaders in Environmental Health

Who	Rising juniors and seniors
What	<ul style="list-style-type: none"><li>• Work with environmental health programs in the CDC</li><li>• Complete individual project, attend field trips and trainings</li></ul>
Where	Atlanta, GA
Deadline	1/27/16
Website	<a href="http://www.cdc.gov/nceh/cleh/default.htm">http://www.cdc.gov/nceh/cleh/default.htm</a>

## **Policy & Law Internships**

### Department of Energy General Counsel Undergraduate Intern Program (UNPAID)

Who	All undergraduates
What	<ul style="list-style-type: none"><li>• Learn about the Department of Energy and the Office of the General Counsel</li><li>• Attend meetings, observe hearings and participate in policy and legal research</li></ul>
Where	Washington, DC
Deadline	2/1/16 (Application review begins on 2/1; apps accepted on a rolling basis)
Website	<a href="http://energy.gov/gc/general-counsel-undergraduate-intern-program">http://energy.gov/gc/general-counsel-undergraduate-intern-program</a>

### American Geosciences Institute Geoscience and Public Policy Internships

Who	All undergraduates
What	<ul style="list-style-type: none"><li>• 12-week internship</li><li>• Monitor legislation, attend hearings, and hone your writing and web publishing skills</li></ul>
Where	Washington, DC
Deadline	3/15/16
Website	<a href="http://www.agiweb.org/gap/interns/">www.agiweb.org/gap/interns/</a>

## **Environmental/Field Internships**

(SCA) Student Conservation Association

Who	All undergraduates
What	<ul style="list-style-type: none"><li>• Work with a partner agency or organization to gain conservation and/or sustainability experience</li><li>• Many different areas; check website for individual internships</li></ul>
Where	Nationwide
Deadline	Varies by position
Website	<a href="http://www.thesca.org/serve/internships">http://www.thesca.org/serve/internships</a>

GeoCorps

Who	All undergraduates (must be a GSA member to apply)
What	<ul style="list-style-type: none"><li>• Intern at national parks, national forests and BLM lands</li><li>• Work on projects including geology, hydrology, paleontology, mapping and GIS, minerals, soils, geohazards, glaciology, education, interpretation and more.</li></ul>
Where	Nationwide (positions posted in December)
Deadline	2/8/16
Website	<a href="http://rock.geosociety.org/g_corps/index.htm">http://rock.geosociety.org/g_corps/index.htm</a>

## **Additional Resources**

GoldPASS ([goldpass.umn.edu](http://goldpass.umn.edu))

LinkedIn ([linkedin.com](http://linkedin.com))

Pathways to Science ([www.pathwaystoscience.org/Undergrads.asp](http://www.pathwaystoscience.org/Undergrads.asp))

## **Volunteer Opportunities**

[www.volunteer.gov](http://www.volunteer.gov) : Positions with the USGS, Bureau of Land Management, Fish & Wildlife Service, U.S. Forest Service, National Park Service, and more