

**Summer Science Opportunities-Internships, Programs and Camps  
Summer 2013**

This is a listing of summer science opportunities for students interested in gaining work experience, extending their lab skills and/or going deeper into science!!! This list is provided for informational purposes only, and does not imply endorsement or recommendation by Stanford's Office of Science Outreach.

**Internships (Paid and Unpaid)**

| Program  | Website   | Special Eligibility Requirements   | Black=2013<br>deadline;<br>red=2012<br>deadline) |
|--|---|--|--|
| Arthritis Foundation Summer Science Fellowship               | <a href="http://www.kintera.org/htmlcontent.asp?cid=619295">http://www.kintera.org/htmlcontent.asp?cid=619295</a>   | <ul style="list-style-type: none"> <li>- For juniors and seniors in Northern California</li> <li>- \$1,500 stipend</li> <li>- Must be 17 years old by summer</li> <li>- Internships at UCSF and Stanford</li> </ul>                                      | February 24                                      |
| Research Science Institute @ MIT                             | <a href="http://www.cee.org/programs/rsi">http://www.cee.org/programs/rsi</a>   | 6-week residential program for US and international HS students who are rising seniors. Program includes: <ul style="list-style-type: none"> <li>- Research Internships</li> <li>- Extracurricular Activities</li> <li>- Guest Lecture Series</li> </ul> |  |
| Science and Engineering Apprenticeship Program (SEAP)        | <a href="http://seap.asee.org/">http://seap.asee.org/</a>   | <ul style="list-style-type: none"> <li>- Research at a Department of Navy lab. There are participating labs all over the country.</li> <li>- Must be 16.</li> <li>- No travel/relocation allowance will be provided.</li> </ul>                          | January 7  |
| SIMR-Stanford Institutes of Medicine Summer Research Program | <a href="http://simr.stanford.edu">http://simr.stanford.edu</a>   | <ul style="list-style-type: none"> <li>- Rising juniors &amp; seniors</li> <li>- Program is very competitive</li> <li>- \$1500 stipend</li> </ul>  | February 15                                      |
| Stanford Earth Sciences High School Internship Program       | <a href="http://pangea.stanford.edu/academics/outreach-programs/k12-programs/high-school-internships">http://pangea.stanford.edu/academics/outreach-programs/k12-programs/high-school-internships</a> | <ul style="list-style-type: none"> <li>- Volunteer (unpaid) internships</li> <li>- 6 to 8 weeks, part-time</li> <li>- Local students only</li> <li>- Must have completed at least one year of HS</li> </ul>  | March 23   |

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| Stanford Medical Youth Science Program (SMYSP)                             | <a href="http://smysp.stanford.edu/education/summerProgram/">http://smysp.stanford.edu/education/summerProgram/</a>                                 | <ul style="list-style-type: none"> <li>- 5 week summer residential program</li> <li>- For low income &amp; under-represented HS students in northern and central California</li> <li>- Sponsors school year program also</li> </ul>            |                               |
| Stanford RISE-Raising Interest in Science and Engineering                  | <a href="http://oso.stanford.edu/programs/39-rise-summer-internship-program">http://oso.stanford.edu/programs/39-rise-summer-internship-program</a> | <ul style="list-style-type: none"> <li>- Must be 16 years old &amp; eligible to work in US</li> <li>- Must live within 25 miles of Stanford</li> <li>- Low income, under-represented minority, or first in family to attend college</li> </ul> | February 17                   |
| Summer High School Apprenticeship Research Program (SHARP) @ UC Berkeley   | <a href="http://nano.berkeley.edu/educational/sharp.html">http://nano.berkeley.edu/educational/sharp.html</a>                                       | <ul style="list-style-type: none"> <li>- 4 weeks, fulltime</li> <li>- Interns earn \$1,000 stipend</li> <li>- For current HS juniors</li> <li>- For students living in Berkeley or nearby</li> </ul>   | March 2                       |
| UC Berkeley Introductory College Level Experience in Microbiology (I-CLEM) | <a href="http://www.synberc.org/iCLEM_internship">http://www.synberc.org/iCLEM_internship</a>   | <ul style="list-style-type: none"> <li>- 8-week paid summer internship program</li> <li>- For Bay Area sophomores and juniors interested in learning about biotechnology.</li> </ul>   | March 1                       |
| UCSF-Biomedical & Health Sciences Internship for High School Students      | <a href="http://bhsi.ucsf.edu/index.php/about/bhsi/">http://bhsi.ucsf.edu/index.php/about/bhsi/</a>   | <ul style="list-style-type: none"> <li>- 8 week internships</li> <li>- For entering seniors interested in medicine or dentistry</li> <li>- No stipends available</li> </ul>  | No info on web as of 10.23.12 |

## Academies (long-term programs)

| Program                                      | Website   | Special Eligibility Requirements   | Black=2013 deadline;<br>red=2012 deadline) |
|--|---|--|--|
| Exploratorium Explainers Program             | <a href="http://www.exploratorium.edu/programs/explainer/index.html">http://www.exploratorium.edu/programs/explainer/index.html</a> | - Must be at least 15 years old<br>- Work June-September   | Call for interview date                    |
| SMASH-Summer Math and Science Honors Academy | <a href="http://www.lpfi.org/education/smash.html">http://www.lpfi.org/education/smash.html</a>                                     | - Current 9 <sup>th</sup> graders<br>- Reside in SF Bay Area<br>- Self-Identify as: Latino/Hispanic, African American, Native American, Pacific Islander or underrepresented Asian | February 23                                |

## Science Summer Schools, Camps and Workshops

| Program   | Website   | Special Eligibility Requirements  | Black=2013 deadline;<br>red=2012 deadline) |
|---|---|---|--|
| DEEP Summer Academy @ University of Toronto                                     | <a href="http://outreach.engineering.utoronto.ca/preuniversityprograms/DEEPSummerAcademy.htm">http://outreach.engineering.utoronto.ca/preuniversityprograms/DEEPSummerAcademy.htm</a> | - For HS students around the world interested in engineering<br>- 1-4 weeks in July<br>- Students who live on campus pay \$4,095 for 4 weeks<br>- Tuition for 4 weeks = \$1,095   |  |
| Cañada College Summer Engineering Institute                                     | <a href="http://canadacollege.edu/bridge/#EngineeringInstitute">http://canadacollege.edu/bridge/#EngineeringInstitute</a>   | - 2-week residential program at San Francisco State<br>- High school seniors planning to attend Cañada College or San Francisco State University as Engineering majors<br>- Hands-on design projects, field trips, lab instruction, industry speakers |  |
| Research Apprenticeships in Biology @ Cornell                                   | <a href="http://www.sce.cornell.edu/sc/programs/index.php?v=96&amp;s=Overview">http://www.sce.cornell.edu/sc/programs/index.php?v=96&amp;s=Overview</a>                               | -Summer Residential Program<br>-Complete Junior or Senior year by summer<br>-Tuition and Room/Board   |  |
| Smith College (MA) Summer Science and Engineering Program for High School Girls | <a href="http://www.smith.edu/summerprograms/ssep/index.php">http://www.smith.edu/summerprograms/ssep/index.php</a>   | -Girls grades 9-12<br>-Summer Residential Program<br>-Tuition & Room/Board  | March (Early)<br>May (Regular)             |

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|--|--|--|---------------------------|
| Summer College @ Cornell University                  | <a href="http://www.sce.cornell.edu/sc/">http://www.sce.cornell.edu/sc/</a><br>(programs other than Biology Research and Veterinary Medicine)  | -Summer Residential Program<br>-Tuition and Room/Board   | May 4                     |
| Summer Engineering Seminars @ Santa Clara University | <a href="http://www.scu.edu/engineering/about/ses.cfm">http://www.scu.edu/engineering/about/ses.cfm</a>  | -Summer Residential Program<br>-For rising Juniors or Seniors<br>-No tuition; participant only responsible for transportation to and from SCU  |                           |
| UC COSMOS: Summer Math and Science Programs          | <a href="http://www.ucop.edu/cosmos">www.ucop.edu/cosmos</a>   | -Summer Residential Program for Talented/Motivated Youth<br>-Held at UC Davis, UC Irvine, UC San Diego, UC Santa Cruz<br>-Tuition & Room/Board | March 1                   |
| UC Davis-Young Scholars Program                      | <a href="http://ysp.ucdavis.edu/">http://ysp.ucdavis.edu/</a>  | -Summer Residential Program<br>-6 weeks<br>-Tuition and Room/Board<br>-Must be rising junior or senior   | March 31                  |
| Veterinary Medicine @ Cornell                        | Veterinary Medicine Summer College: Captive Raptor Management, Small Animal Practice & Sustainable Animal Husbandry<br><a href="http://www.sce.cornell.edu/sc/programs/index.php?v=94&amp;s=Overview">http://www.sce.cornell.edu/sc/programs/index.php?v=94&amp;s=Overview</a> | -Summer Residential Program<br>-Complete Junior or Senior year by summer<br>-Tuition and Room/Board  | Deadlines vary by program |

You will find Stanford-sponsored seminars and workshops for high school students here:

<http://oso.stanford.edu/programs/audiences/5-high-school-students/categories/8-workshops-seminars>

You will find other opportunities focused on science and engineering for high school students here:

<http://teachers.egfi-k12.org/category/k-12-outreach-programs/grades-9-12-outreach-programs/>

<http://www.pathwaystoscience.org/K12.asp>

<http://smysp.stanford.edu/family/summerPrograms.html#college>

[https://www.lpfi.org/sites/default/files/lpfi\\_stem\\_program\\_list\\_2.2011x.pdf](https://www.lpfi.org/sites/default/files/lpfi_stem_program_list_2.2011x.pdf)