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)

<table>
<thead>
<tr>
<th>Program</th>
<th>Website</th>
<th>Special Eligibility Requirements</th>
<th>Black=2013 deadline; red=2012 deadline</th>
</tr>
</thead>
</table>
| Arthritis Foundation Summer Science Fellowship | http://www.kintera.org/htmlcontent.asp?cid=619295 | - For juniors and seniors in Northern California  
- $1,500 stipend  
- Must be 17 years old by summer  
- Internships at UCSF and Stanford | February 24 |
| Research Science Institute @ MIT | http://www.cee.org/programs/rsi | 6-week residential program for US and international HS students who are rising seniors. Program includes:  
- Research Internships  
- Extracurricular Activities  
- Guest Lecture Series | |
| Science and Engineering Apprenticeship Program (SEAP) | http://seap.asee.org/ | - Research at a Department of Navy lab. There are participating labs all over the country.  
- Must be 16.  
- No travel/relocation allowance will be provided. | January 7 |
| SIMR-Stanford Institutes of Medicine Summer Research Program | http://simr.stanford.edu | - Rising juniors & seniors  
- Program is very competitive  
- $1500 stipend | February 15 |
| Stanford Earth Sciences High School Internship Program | http://pangea.stanford.edu/academics/outreach-programs/k12-programs/high-school-internships | - Volunteer (unpaid) internships  
- 6 to 8 weeks, part-time  
- Local students only  
- Must have completed at least one year of HS | March 23 |
<table>
<thead>
<tr>
<th>Program Name</th>
<th>Website</th>
<th>Details</th>
<th>Application Deadline</th>
</tr>
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| Stanford Medical Youth Science Program (SMYSP)                              | [http://smysp.stanford.edu/education/summerProgram/](http://smysp.stanford.edu/education/summerProgram/) | - 5 week summer residential program  
- For low income & under-represented HS students in northern and central California  
- Sponsors school year program also | No info on web as of 10.23.12 |
- Must live within 25 miles of Stanford  
- Low income, under-represented minority, or first in family to attend college | February 17 |
| Summer High School Apprenticeship Research Program (SHARP) @ UC Berkeley    | [http://nano.berkeley.edu/educational/sharp.html](http://nano.berkeley.edu/educational/sharp.html) | - 4 weeks, fulltime  
- Interns earn $1,000 stipend  
- For current HS juniors  
- For students living in Berkeley or nearby | March 2 |
| UC Berkeley Introductory College Level Experience in Microbiology (I-CLEM)  | [http://www.synberc.org/iCLEM_internship](http://www.synberc.org/iCLEM_internship) | - 8-week paid summer internship program  
- For Bay Area sophomores and juniors interested in learning about biotechnology. | March 1 |
| UCSF-Biomedical & Health Sciences Internship for High School Students       | [http://bhsi.ucsf.edu/index.php/about/bhsi/](http://bhsi.ucsf.edu/index.php/about/bhsi/) | - 8 week internships  
- For entering seniors interested in medicine or dentistry  
- No stipends available | No info on web as of 10.23.12 |
## Academies (long-term programs)

<table>
<thead>
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</table>
| Exploratorium Explainers Program                  | [http://www.exploratorium.edu/programs/explainer/index.html](http://www.exploratorium.edu/programs/explainer/index.html) | - Must be at least 15 years old  
- Work June-September                                      | Call for interview date                                |
| SMASH-Summer Math and Science Honors Academy     | [http://www.lpfi.org/education/smash.html](http://www.lpfi.org/education/smash.html)     | - Current 9th graders  
- Reside in SF Bay Area  
- Self-Identify as: Latino/Hispanic, African American, Native American, Pacific Islander or underrepresented Asian | February 23                                  |

## Science Summer Schools, Camps and Workshops

<table>
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</table>
| DEEP Summer Academy @ University of Toronto       | [http://outreach.engineering.utoronto.ca/preuniversityprograms/DEEPSummerAcademy.htm](http://outreach.engineering.utoronto.ca/preuniversityprograms/DEEPSummerAcademy.htm) | - For HS students around the world interested in engineering  
- 1-4 weeks in July  
- Students who live on campus pay $4,095 for 4 weeks  
- Tuition for 4 weeks = $1,095 |                                      |
| Cañada College Summer Engineering Institute       | [http://canadacollege.edu/bridge/#EngineeringInstitute](http://canadacollege.edu/bridge/#EngineeringInstitute) | - 2-week residential program at San Francisco State  
- High school seniors planning to attend Cañada College or San Francisco State University as Engineering majors  
- Hands-on design projects, field trips, lab instruction, industry speakers |                                      |
| Research Apprenticeships in Biology @ Cornell     | [http://www.sce.cornell.edu/sc/programs/index.php?v=96&s=Overview](http://www.sce.cornell.edu/sc/programs/index.php?v=96&s=Overview) | - Summer Residential Program  
- Complete Junior or Senior year by summer  
- Tuition and Room/Board |                                      |
- Summer Residential Program  
- Tuition & Room/Board | March (Early)  
May (Regular) |
| Summer College @ Cornell University | [http://www.sce.cornell.edu/sc/](http://www.sce.cornell.edu/sc/) (programs other than Biology Research and Veterinary Medicine) | -Summer Residential Program  
- Tuition and Room/Board | May 4 |
| Summer Engineering Seminars @ Santa Clara University | [http://www.scu.edu/engineering/about/ses.cfm](http://www.scu.edu/engineering/about/ses.cfm) | -Summer Residential Program  
- For rising Juniors or Seniors  
- No tuition; participant only responsible for transportation to and from SCU |  |
| UC COSMOS: Summer Math and Science Programs | [www.ucop.edu/cosmos](http://www.ucop.edu/cosmos) | -Summer Residential Program for Talented/Motivated Youth  
- Held at UC Davis, UC Irvine, UC San Diego, UC Santa Cruz  
- Tuition & Room/Board | March 1 |
| UC Davis-Young Scholars Program | [http://ysp.ucdavis.edu/](http://ysp.ucdavis.edu/) | -Summer Residential Program  
- 6 weeks  
- Tuition and Room/Board  
- Must be rising junior or senior | March 31 |
- Complete Junior or Senior year by summer  
- 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](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://teachers.egfi-k12.org/category/k-12-outreach-programs/grades-9-12-outreach-programs/)  
[http://smysp.stanford.edu/family/summerPrograms.html#college](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)