SUMMER PROGRAMS

1. Program Name:
Garcia Materials Research Science and Engineering Center (MRSEC)
http://polymer.matscieng.sunysb.edu/

Program Requirements (for consideration or acceptance):

- **Application & transcript (Academic Information)**
- **Essays –**
    1. Explain why you want to participate in the Garcia Center Summer Scholar Program.
    2. List all previous research experience, including research- oriented course (s) you may have or are currently taking.
    3. Explain which research area in engineering you would like to participate in.
- **Letters of Recommendation-** 3 letters, including one from the Science Coordinator

Program Eligibility: High school students, at least 16 years old; entering as a junior or senior in HS – as of Sept. 2010
Location: SUNY @ Stony Brook University
Program Length: 7 weeks, students must work full time on weekdays during the entire fellowship period
Participation Dates: June 28 – August 13
Application Deadline: February 1
Housing: NONE
Cost/Stipend: $1100 Laboratory fee
Scholarships: NONE
Topics of Science Research: Work with polymers in varied fields of science
Jericho History in this facility: This program historically has resulted in several Siemens Competition, Intel (STS), Intel (ISEF), NYSSEF, and LISEF winners annually.
Additional courses available: NONE
Supplies needed: Supply kit: $100 in addition to laboratory fee
Application fee: N/A

2. Program Name:
Simons Summer Research Program at Stony Brook University
http://www.sunysb.edu/simons.applicationguide.htm

Program Requirements (for consideration or acceptance):

- **Nomination by the Science Research Teacher - Jericho High School**
- **Application by January deadline**
- **Official School Transcript**
- **Letters of Recommendation-** 3 letters, two from science or math teacher and one from a teacher/supervisor of an extracurricular activity (sealed)
- **Essays (from 2009)–**

1. Describe your prior research experience. Include research-oriented courses you may have taken. Detail any computer/mechanical skills you have that may be helpful in a laboratory setting. Be specific about the nature of your research experience(s) and your responsibilities. Did the experience lead to the writing of report or participation in a competition?
   If you plan to continue a project you have already begun working on with a Stony Brook faculty mentor, please provide a brief description of 1) what have you accomplished to date; and 2) what you hope to accomplish in the summer.
2. For questions below (1-5), please limit your response to 4 or 5 sentences.

   1. Why do you want to participate in the Simons Summer Research Program? Be as specific as possible about your aspirations and goals.
   2. What are your long-term academic and career aspirations/goals?
   3. How do you spend your time outside of class? Please list and describe your interests/hobbies, volunteer and extracurricular activities as well as any full or part time jobs/internships.
   4. Apart from time management, what problem or project have you tackled recently? Give a specific example that best conveys your ability to work through a problem. (You may describe problem-solving experiences outside research/science).
   5. What book (or other publication) that you have read or studied has had the most impact on you, and why?
3. Supplemental short essay.

   What question or problem regarding the physical and/or natural world are you most interested in, or would you most like to see answered? ***Explain why, but please limit your response to one page***.

Program Eligibility: High School students, currently in their junior year, and nominated by the Science Research Teacher. *No exceptions to this requirement*.
Location: SUNY @ Stony Brook University
Program Length: 7 weeks, students must work full time on weekdays during the entire fellowship period
Participation Dates: June 28 – August 13
Application Deadline: early January
Notification: early April by mail
Housing: Participants can elect to reside on the Stony Brook University campus during the program. Typically students return home on weekends. Students who opt to live on campus will be assigned a double room in a university residence hall, with supervision by a live-in residence staff and will be responsible for paying their own housing fees prior to the program start date.
Cost/Stipend: $1,000 stipend.
Topics of Science Research: Mentors are available in the following fields: Astronomy, Atmospheric Science, Biology, Bioengineering, Chemistry, Computer Science, Engineering, Environmental Science, Geosciences, Marine Science, Optical Science,

Physics, and Psychology/Social Science. Students who do not have a research placement or mentor at the time of the application but are actively seeking a mentor for the academic year and/or summer should contact Karen Kernan by early February or a mentor will be assigned by SBU.
Jericho History in this facility: This program historically has resulted in several Siemens Competition, Intel (STS), Intel (ISEF), NYSSEF, and LISEF winners annually.
Additional courses available: NONE
Supplies needed: N/A
Application fee: N/A

3. Program Name:
Roswell Park Cancer Institute
http://www.roswellpark.org/Education/Summer_Programs/SummerResearchProgramforHighSchoolStudents

Program Requirements (for consideration or acceptance):

- **Application due by early February:**
  - Complete applications must be signed and mailed in one envelope by a high school guidance counselor or academic advisor.
- **Official School Transcript including Fall transcript grades**
- **Letters of Recommendation-** 1 letter from a teacher (sealed)

Program Eligibility: High School students who will have just completed their junior year
Location: Roswell Park Cancer Institute | Elm & Carlton Streets | Buffalo, NY 14263 and Canisius College | 2001 Main Street | Buffalo, NY 14208-1098
Program Length: 7 weeks, students must work full time on weekdays during the entire fellowship period. Students are required to work Monday through Friday, 8 hours per day for a total of 40 hours per week. All applicants are required to attend every single day of the program. This means no starting late or leaving early because of other activities. Applicants are not allowed to take time off during the work week for family vacations or college visits.
Participation Dates: June 29-August 13
Application Deadline: early February
Notification: early April by mail
Housing: The dormitory room costs $16 per day for 7 weeks. Estimated cost for the average student is around $800 with an additional $100 per week for meals.
Cost/Stipend: Approximately $1600 (inclusive of fees, housing, meals, and daily transport to Roswell Park)
Scholarships: Neither scholarships nor financial aid are available.
Topics of Science Research: Cancer related research**.**
Jericho History in this facility: N/A
Additional courses available: NONE
Supplies needed: $50 Activity fee. **Travel:** Metro bus and subway passes are available to students to buy at a cost of about $50 for the summer.

Application fee: $10 application fee ***must*** accompany student credentials with a check made payable to "RPCI - Summer Program".

4. Program Name:
NYU-Poly Summer Research Institute for High School Students
http://archive.poly.edu/admissions/undergrad/specialinfo/high_school/sri.php

Program Requirements (for consideration or acceptance):

- **Application** (Potential research institute students can obtain application forms available from the YES Center)
- **Official School Transcript including Fall transcript grades**
- **Letters of Recommendation-** 1 letter from a teacher (sealed)

Program Eligibility: Information Pending
Location: Information Pending
Program Length: Information Pending
Participation Dates: Information Pending
Application Deadline: Information Pending
Notification: Information Pending
Housing: Information Pending
Cost/Stipend: Information Pending
Scholarships: Information Pending
Topics of Science Research: Visual Programming, biomedical signal processing, internet security, quantum information theory, studies of recombinant proteins
Jericho History in this facility: N/A
Additional courses available: science, engineering and mathematics (number theory, geometry, combinatorics, elementary analysis, pre-calculus, and calculus
Supplies needed: $. Travel: N/A
Application fee: Information Pending

5. Program Name:
MIT-Research Science Institute (RSI)
http://www.cee.org/programs/rsi/usa

Program Requirements (for consideration or acceptance):

- **Application due by early January**
- **Letters of Recommendation-** written by two (2) teachers familiar with the candidate and the candidate's scholastic record (sealed).
- **Self nomination essay's including all of the following below:**
  1. What are your long-range goals?
  2. State your first and second choice of **field** and **subfield** of research in which you wish to work, for example: Biology, neuroscience; Chemistry, organic; Computer Science, artificial intelligence; Engineering, electrical/environmental; Physics, astronomy. Please specify two distinct fields (not two subfields of math, for example).
  In each of your fields of interest, please state what you see as the one or two most interesting questions/problems and why they are interesting to you.

3. What extracurricular activities and/or hobbies demonstrate your interest and ability to undertake scientific or mathematical research? (Give some measure to the extent of your participation and/or accomplishments in math or science competitions, research internships and awards received.)
4. Describe other extracurricular and community activities in which you have participated.
5. List your technical skills level and academic background.
6. Briefly describe any past experience with computer programming, modeling, and data analysis.
7. Where did you hear about RSI?

- **The applicant's official high school transcript**
    - PSAT math, verbal and writing scores (or SAT or ACT test results) showing evidence of exceptional intellectual performance and potential

Program Eligibility: High School students who will have completed their junior year
Location: Massachusetts Institute of Technology or Tufts University
Program Length: 6 weeks, students must work full time on weekdays during the entire fellowship period. Students are required to work Monday through Friday, 8 hours per day for a total of 40 hours per week. All applicants are required to attend every single day of the program.
Participation Dates: **end of** June - August 1st
Application Deadline: early January
Notification: early April by mail
Housing: Available, and funded by the RSI program.
Cost/Stipend: The program is offered at no cost to students.
Scholarships: N/A
Topics of Science Research: Biology, neuroscience; Chemistry, organic; Computer Science, artificial intelligence; Engineering, electrical/environmental; Physics, Physical Sciences, astronomy, pure and applied mathematics
Jericho history in this facility: 1 student participated in this program from New York State; a Jericho High School student (summer of 2009).
Additional courses available: NONE
Supplies needed: NONE
Application fee: NONE

6. Program Name:
Brookhaven National Laboratories - High School Research Program (HSRP)
http://www.bnl.gov/education/programs/cssp.asp

Program Requirements (for consideration or acceptance):

- **Letters of Recommendation-** two (2) letters of recommendation
- **Application due early April**
- **Official high school transcript**
- **Self nomination essay's including the following below:**
    a one-page statement describing your interest in science, career goals, college plans and reasons for wanting to participate in this program

Program Eligibility:

1. Student must be available for the entire program, Monday - Friday, 8:30-5PM.
2. Student must have reliable transportation to and from the Laboratory.
3. Student must have completed the 11th or 12th grade, and participated in BNL or other advanced science program.
4. Student must be at least 16 years old.
5. Student must be a US citizen or Permanent Resident Alien (PRA).

Location: Brookhaven National Laboratory; Upton, NY 11973
Program Length: 6 weeks, students must work full time on weekdays during the entire enrollment period. Students are required to work Monday through Friday, 8:30 – 5 PM, daily. All applicants are required to attend every single day of the program.
Participation Dates: early July to August ??
Application Deadline: early April
Housing: N/A
Cost/Stipend: The program is offered at no cost to students.
Scholarships: N/A
Topics of Science Research: Biology, Chemistry, and Physics
Jericho history in this facility: Students have been very competitive at local and national competitions.
Additional courses available: NONE
Supplies needed: N/A
Travel: Students are responsible to ensure transportation to and from BNL.
Application fee: N/A

7. Program Name:
Boston University Summer Program
http://www.bu.edu/summer/high-school-programs/index.shtml

Program Requirements (for consideration or acceptance):

- **Letters of Recommendation-** Two letters of recommendation (one from a math or science teacher and one from a guidance counselor)
- **Application due by early April**
- **An official copy of your high school transcript, including fall grades.**
- **A copy of the most recent PSAT, SAT, or ACT scores.** If you have not yet taken these tests it must be explained why in your application.
- **Self nomination essay including the following below:**
  A one-page, single-spaced personal statement. Explain why you want to attend the Research Internship, what field you would like to study and why?

Program Eligibility:

1. Student must be available for the entire program, Monday - Friday, 9 -5PM.
2. Student must have completed the 11th or 12th grade.
3. Student must be at least 16 years old.

Location: Boston University, Research Internship in Science & Engineering Program, 755 Commonwealth Avenue, Boston, MA 02215
Program Length: 7 weeks, students must work full time on weekdays during the entire

enrollment period. Students are required to work Monday through Friday 8 hours, daily. All applicants are required to attend every single day of the program.
Participation Dates: late June to August (early)
Application Deadline: posted on web early Dec.; decisions made early April
Housing: will be posted on BU page December 15 (fee updated for 2010)
Cost/Stipend will be posted on BU page December 15 (fee updated for 2010)
Scholarships: A letter describing your general financial situation and the particular circumstances that prevent you from paying the full cost accompanied with Pages 1 and 2 of the parental Federal Income Tax Form (if financial aid is needed).
Topics of Science Research: astronomy, biology, chemistry, engineering, medicine, physics, or psychology.
Jericho history in this facility: N/A
Additional courses available: NONE
Supplies needed: N/A
Application fee: A $50 non-refundable application fee. Make checks payable to Boston University.

8. Program Name:
Drexel University College of Medicine High School Summer Research Internship
http://www.drexelmed.edu/Home/AcademicPrograms/BiomedicalGraduateStudies/SummerResearchOpportunities/HighSchoolSummerResearchInternshipProgram.aspx

Program Requirements (for consideration or acceptance):

- **Application due early February**, incomplete applications will not be considered
- **An official copy of your high school transcript, including fall grades.**
- **Essays –**
    1. Past research experience (if any)
    2. List area's of research interest
    3. References (minimum of 2)
    4. Personal Statement
- **Letters of Recommendation-** Two letters of recommendation (including attached application forms)**.**

Program Eligibility:
1. Student must be available for the entire program.
2. Student must have completed the 10, 11th or 12th grades.
3. Student must be at least 16 years old and be enrolled in an academic curriculum and demonstrate interest in science-related fields of study.
4. Students must obtain a work permit.

Location: Drexel University College of Medicine, Office of Biomedical Graduate and Postgraduate Studies; 2900 Queen Lane; Philadelphia, PA 19129
Program Length: Students are expected to work a minimum of 25 hours per week to a maximum of 40 hours per week. Although the schedule is flexible, students are required to complete the eight-week program and to participate in all program activities.
Participation Dates: June (mid June) – August (early)
Application Deadline: early February

Housing: NONE
Cost/Stipend: Students will receive a $1,500 stipend for the full eight weeks.
Scholarships: N/A
Topics of Science Research: Biomedical research, including but not limited to: biochemistry, molecular and cell biology, neuroscience, microbiology, immunology, pathobiology, pharmacology and physiology.
Jericho history in this facility: This program historically has resulted in several Siemens Competition, Intel (STS), Intel (ISEF), NYSSEF, and LISEF winners.
Additional courses available: NONE
Supplies needed: N/A
Application fee: N/A
Contact: Tia Dorsey
Academic Coordinator
Office of Biomedical Graduate and Postgraduate Studies
2900 Queen Lane, G24
Philadelphia, PA 19129
Phone (215) 991-8573
Fax (215) 843-5810
E-mail: tia.dorsey@drexelmed.edu

9. Program Name:
Hofstra University Science Research Program
http://www.hofstra.edu/Academics/Colleges/HCLAS/SSE/index.html

Program Requirements (for consideration or acceptance):

- **Letters of Recommendation-** Letters of recommendation (from a math or science teacher which includes a commitment to assist the student with their research project)
- **Completed application due by early April**
- **Signed parent/student commitment**
- **An official copy of your high school transcript, including fall grades.**
- **A copy of the most recent PSAT, SAT, or ACT scores. If you have not yet taken these tests it must be explained why in your application.**
- **Essay including the following (2009):**
    - Statement explaining why the student wants to engage in a science research project.
    - Explanation of what you hope to learn from your research experience.
    - What are your professional goals once you've finished your college education?
    - Complete a list of full or part time jobs or internships the student has had. Include all volunteer work and related employment information.
    - Describe any previous research experiences, hobbies, or other types of experience that are relevant to your research interest.

Program Eligibility: (as of 2009)

- Students must be enrolled in 10th or 11th grade at the time the application is submitted

- Students have had at least one year of a high school laboratory-based science course
- Students have demonstrated an interest in the sciences
- Students must attend a 1 hr orientation and laboratory safety session
- Student is willing and able to commit 6 weeks to full-time scientific research
- Scientific research paper must be written at the end of the summer session
- Students have demonstrated the ability to work independently

Location: Hofstra University; Hempstead, NY 11549
Program Length: 6 weeks, students must work full time on weekdays during the entire enrollment period. Students are required to work Monday through Friday 8 hours, daily. All applicants are required to attend every single day of the program.
Participation Dates: (as of 2009) July 6th to August 14th
Application Deadline: early April
Housing: N/A
Cost/Stipend: $1500.
Scholarships: N/A
Topics of Science Research: Astronomy, Behavioral Science/Psychology, Biology, Biochemistry, Chemistry, Computer Science, Earth Science/Geology, Engineering, Environmental Science, Mathematics, Wildlife Biology/Ecology
Jericho history in this facility: N/A
Additional courses available: NONE
Supplies needed: N/A
Application fee: N/A
Contact: Dr. Nanette M. Wachter
Chemistry Department
151 Hofstra University
Hempstead, NY 11549-1510
Phone: (516) 463-5534
Fax: (516) 463-6394

10. Program Name:
Cornell University Nanobiotechnology Center (NBTC)
http://www.nbtc.cornell.edu/education/hs_internship.htm

Program Requirements (for consideration or acceptance):

- **Application due by early April**
- **An official copy of your high school transcript.**
- **Essay including the following:**
  - A letter of intent stating why you are interested in the High School Internship Program. This letter should include goals of participation and explain what you hope to learn while in the program.

Program Eligibility:
1. Student must be available for the entire program.
2. Student must be rising juniors or seniors in high school.

Location: Cornell University; Ithaca, NY 14853

Program Length: 4 weeks, students must work full time on weekdays during the entire enrollment period. Students are required to work Monday through Friday 8 hours, daily.
Participation Dates: July 13 to August 9
Application Deadline: early March, notification of acceptance in early April
Housing: Housing and meals supplied by NBTC program
Cost/Stipend: Students receive $500 stipend
Scholarships: N/A
Topics of Science Research: Biology, Chemistry, Engineering, and Physics
Jericho history in this facility: N/A
Additional courses available: NONE
Supplies needed: N/A
Application fee: N/A
Contact: Jennifer Weil
High School Internship Program
350 Duffield Hall
Cornell University
Ithaca, NY 14853

11. Program Name:
Northwestern University- Center for Interdisciplinary Exploration and Research in Astrophysics (CIERA)
http://ciera.northwestern.edu/Education/edu_summer_programs.php

Program Requirements (for consideration or acceptance):

- **Letters of Recommendation-** Two letters of recommendation
- **No application form**
- **An official copy of your high school transcript.**
- **Letter (1- 2 pages) describing your interests and science-related experience outside of high school**

Program Eligibility:

1. Student must be available for the entire program, Monday - Friday, 9 -5PM.
2. Student must be a US citizen.
3. Student must be at least 16 years old.

Location: Northwestern University; 2145 Sheridan Rd., Evanston, IL 60208
Program Length: 10 weeks, students must work full time on weekdays during the entire enrollment period. Students are required to work Monday through Friday 8 hours, daily.
Participation Dates: June 15 to September 15, with limited flexibility
Application Deadline: rolling from Dec. until Feb.
Housing: Not provided, but dining plans are available
Cost/Stipend: $4,000. Stipend for students
Scholarships: N/A
Topics of Science Research: Theoretical work on the physics of pulsars and black holes in the centers of galaxies, modeling of extra solar planetary systems, supercomputer simulations of sources of gravitational waves, radio maps of the Galactic Center and star formation regions, optical observations related to the study of the cosmic microwave background and the intergalactic gas, gamma-ray observations of high energy phenomena

near black holes and neutron stars, laboratory work to develop mirrors which can reflect X-rays, observations of interstellar magnetic fields, and development of astronomical instruments for infrared and submillimeter wavelengths
Jericho history in this facility: N/A
Additional courses available: NONE
Supplies needed: N/A
Application fee: N/A
Contact:

Prof. M.P. Ulmer
College [or High School] Summer Program
Department of Physics and Astronomy
Northwestern University
2131 Tech Drive
Evanston, IL 60208-2900

Fax: 847-491-3135
E-mail inquiries to: William Finney
NU Astrophysics web site:
http://www.astro.northwestern.edu

12. Program Name:
NASA Summer High School Apprenticeship Research Program (SHARP)
http://www.dfrc.nasa.gov/Education/Students/Research/sharp.html

Program Requirements (for consideration or acceptance):

- **Letters of Recommendation-** Two letters of recommendation (one from a math and a science teacher)
- **Application due early February**
- **An official copy of your high school transcript, including fall grades.**
- **A copy of the most recent PSAT, SAT, or ACT scores.**
- **Essay including the following:**
  300 word essays addressing each of the following:
  1. Reason for wanting to participate in NASA SHARP, and how your participation in the program will add to your personal and academic development.
  2. Science, Technology, Engineering, Mathematics, and Geography study and career interests and aspirations.
  3. Special talents, hobbies, work experience, community service, honors, awards, commendations, and extra curricular activities.
  4. Describe a challenge you have faced and how you overcame it.

Program Eligibility:

1. Student must demonstrate a strong interest in and aptitude for a career in mathematics, engineering, or the sciences.
2. Student must be a US citizen or permanent resident.
3. Student must be at least 16 years old.
4. Attend a school within a 50-mile radius of a participating NASA Field Installation.
5. Students must be available daily, during an 8-week internship.

Location: Goddard Institute for Space Studies (GISS) Office 788, 2880 Broadway; NY, NY 10025

Program Length: 8 weeks, students must work full time on weekdays during the entire enrollment period. Students are required to work Monday through Friday 8 hours, daily. All applicants are required to attend every single day of the program.
Participation Dates: June 28 to August 20
Application Deadline: early February
Housing: N/A
Cost/Stipend: N/A
Scholarships: N/A
Topics of Science Research: science, technology, engineering, and mathematics
Jericho history in this facility: N/A
Additional courses available: NONE
Supplies needed: N/A
Application fee: N/A

13. Program Name:
UC Santa Barbara Summer Sessions
http://www.summer.ucsb.edu/RMP/rmp.html

Program Requirements (for consideration or acceptance):

- **Letters of Recommendation-** Two letters of recommendation (one a teacher and one from a guidance counselor or high school principal)
- **Application due early April** for scholarship consideration**, by late May** without scholarship application
- **An official copy of your high school transcript, sealed.**
- **Personal essay:**
  Discuss your goals and why you wish to attend the UC Santa Barbara Summer Program.
- Mentorship Questionnaire (download from website)

Program Eligibility:

1. Student must be available for the entire program, Monday - Friday, 9 -5PM.
2. Student must have completed the 10th, 11th or 12th grade.
3. Student must be at least 16 years old.
4. Completed a minimum of 12 academic semester courses (or the equivalent in University of California a-g requirements)
5. Have a minimum 3.5 GPA in UC a-g requirements

Location: UCSB; Santa Barbara, CA 93106
Program Length: 6 weeks, students must work full time on weekdays during the entire enrollment period. Students are required to work Monday through Friday 8 hours, daily. All applicants are required to attend every single day of the program.
Participation Dates: June 21 to July 31
Application Deadline: early May
Housing: Including in tuition fee
Cost/Stipend: The cost for the Research Mentorship Program is **$7,399.00**. The cost includes tuition, housing, three daily meals, and extracurricular activities.
Scholarships: (Use the scholarship form if you want to apply for a UCSB Pre-College Program Scholarship. You may also be eligible for a Hope or a Lifetime Learning income

tax credit. For more information on these possible tax credits, call 1-800-4FEDAID or look on the internet at www.ed.gov/offices/OPE

❖ Eligibility for a Pre-College Program scholarship is based on financial need and academic excellence.

❖ Each scholarship source will review your application for possible qualification.

❖ If students parent(s) or guardian(s) are filing a 2008 income tax return, we recommend they fill it out before completing this form. A copy of the 2008 tax return and W-2 must be sent to UCSB along with this application form. If the 2008 return has not yet been completed, the tax forms may be sent separately, provided they are received in our office by no later than April 15, 2009.

❖ If there are unusual circumstances (such as the loss of employment or major medical expenses) that might affect your need for student financial aid, please complete question 14 on scholarship form.

Topics of Science Research:

Anthropology	Environmental Studies	Mathematics
Astronomy	Biometrics	Geology
Biology	Geography	Physics & Materials
Biometrics	Geology	Psychology
Chemistry	Marine Biology	Marine Ecology

Jericho history in this facility: Students enjoy program, but do face difficulty using data collected for competitions during the program.
Additional courses available: Interdisciplinary 93S and **Interdisciplinary 93S**L
Supplies needed: N/A
Application fee: A $75 non-refundable application fee.

14. Program Name:
NIH- Summer Internship Program (SIP) in Biomedical Research
http://www.training.nih.gov/student/sip/

Program Requirements (for consideration or acceptance):
The summer program will open mid-November to March 1

- **Letters of Recommendation**- Two letters of recommendation with the names and contact information for two references.
- **Essay-** Candidates may also specify the scientific methodologies or disease/organ systems that interest them.
- An official copy of your high school transcript.

- Curriculum vitae or resume and a cover letter describing the applicant's research interests and career goals.
- Proof of U.S. citizenship or permanent resident status. U.S. citizens may submit a copy of their birth certificate or passport. Permanent residents will need to provide a copy of their alien registration card.

Program Eligibility

1. Student must be available for the entire program, Monday - Friday, 9 -5PM.
2. Student must have completed the 11th or 12th grade.
3. Students 16 years of age or older at the time they begin the program and who are currently enrolled at least half-time in high school or an accredited U.S. college or university.
4. To be eligible, candidates must be U.S. citizens or permanent residents.

Location: Bethesda, MD as well as in Baltimore and Frederick, MD; Research Triangle Park, NC; Phoenix, AZ; Hamilton, MT; and Detroit, MI.
Program Length: minimum of eight weeks, with students generally arriving at the NIH in May or June.
Participation Dates: May or June
Application Deadline: Successful applicants are selected by the individual laboratories and branches at the NIH on a rolling basis from November through May.
Housing: N/A
Cost/Stipend: Students will receive a $1,300 stipend/month.
Scholarships: N/A
Topics of Science Research: biomedical research in any of the following disciplines - Biology, Chemistry, and Physics
Jericho history in this facility: N/A
Additional courses available: NONE
Supplies needed: N/A
Application fee: N/A

15. Program Name:
Summer Programs for High School Students-University of Pennsylvania-LPS
http://www.sas.upenn.edu/lps/highschool/summer

Program Requirements (for consideration or acceptance):

- **Letters of Recommendation-** One letter of recommendation (preferably from a teacher you have had in a major academic subject, or from a guidance counselor)
- **Completed application**
- **An official copy of your high school transcript**
- **A copy of the most recent copy of PSAT, SAT, or ACT scores**
- **Resume** outlining any academic achievements or awards, extracurricular activities, and volunteer experience
- **Essay including the following:**
  1. Describe a significant person or event in your life and how this has affected your decision to study a specific topic in college or pursue a specific career later in life (300-400 words, 1 page, single-spaced, 12-point font).

  Supplemental Questions:

1. Are you applying to be a resident or a commuter (day) student?
2. Did you use a referral agent to identify the Penn SHSP? If yes, please provide the contact information (name, address, phone, email) of that agent.

Program Eligibility

1. One year of high school Biology is required for application. One year of high school Chemistry is advised
2. Designed for academically qualified high school students currently enrolled in 10th, 11th, or 12th grade. Students in 9th grade may be considered based upon academic record.

Location: Penn Summer High School Programs; University of Pennsylvania; 3440 Market Street; Philadelphia, PA 19104

Program Length: four-week program

Participation Dates: July 5 - August 1

Application Deadline: Successful applicants are reviewed on a rolling basis through May 15th, or until the programs have reached full capacity. Admission decisions are posted to your online application account within one week of submitting the completed application (including our receipt of docs). You will receive an email notice when your admissions decision is available.

Housing: included as part of tuition cost

Cost/Stipend: $6,299 Residential Tuition; $5,299 Day Student Tuition.

Scholarships: Scholarship deadline is late March. Write a one page personal statement responding to the following:

a. Why, in financial terns, do you need the award?
   1. Select your gross family income within the given ranges.
   2. How many family members are financially dependent upon your parent/guardian?
   3. What are your parent/guardian's highest levels of education?
   4. What are your parent/guardian's occupations?

b. How will you benefit from participation in this program?

Topics of Science Research: biomedical research in any of the following disciplines - including cardiovascular disease, oncology, immunology, and neuroscience

Jericho history in this facility: N/A

Additional courses available: Experimental Physics Research Academy

Supplies needed: N/A

Application fee: $70.00