

## Exciting Opportunities for NY Area High School Students

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### ANTHROPOLOGY & ARCHAEOLOGY

**American Museum of Natural History** is offering internships in both subjects through their HS Science Research Program; to be eligible, you must attend school in NYC and have completed 9<sup>th</sup>, 10<sup>th</sup>, or 11<sup>th</sup> grade; Must complete at least FOUR of their after-school courses by May; applications will be considered once the courses are completed (at least three of the courses must be within Anthropology/Archaeology. <http://www.amnh.org/education/students/program.php?id=204>

**Earthwatch** <http://www.earthwatch.org/>

### ART

**Metropolitan Museum of Art: Saturday Internships**—HS Seniors, PAID internships,

Application deadline for Spring is Jan. 23

**Metropolitan Museum of Art: Art Classes** for high school students, based on museum access

**MOMA:** 6-week summer PAID internship for students of NYC Public Schools;

Work in a department at the museum

Eligibility: rising 11<sup>th</sup> & 12<sup>th</sup> graders who've participated in other MOMA programs

**MOMA: Art & Science of Conservation**, Tuesday, Feb.-April, 2009 (art conservation)

Apply by Jan. 16, 9<sup>th</sup>-12<sup>th</sup> graders

**MOMA: Museum Studies**, Create an exhibition, meet with curators, 9<sup>th</sup>-12<sup>th</sup> graders,

Wednesdays, Feb.-April, 2009

**MOMA: Art in the Making**, Studio plus field trips, FREE, Summer 6 weeks, high school age

**Guggenheim Museum:** Offers courses for teens (current class on Photography already started)

Check for the Spring schedule.

**The Frick Museum:** "Live at the Frick" for HS juniors & seniors, Fridays, 4:30-6,

Nov. 7-Dec. 12. Masterpieces of the Frick Collection

Different work of art explored each week. Limited to 15 students.

Email: [students@frick.org](mailto:students@frick.org).

**ICP: International Center of Photography** is offering a Teen Academy; courses range from 10 weeks

to yearlong; the fall semester started in October. Their yearlong, weekly Internship Program

features "an extensive portfolio, and a group exhibition at a Manhattan gallery; they take 18

students per year; meet Thursdays 4-6:30 p.m. Fee comes to \$2,300 for the year.

<http://www.icp.org/site/c.dnJGKJNsFqG/b.850311/> (Ave. of Americas at 43<sup>rd</sup> St.)

**DUKE TIP Italy: Architecture & Art History in Rome & Florence**, summer (Gr. 10-12) \$3,950 plus airfare

[http://www.tip.duke.edu/summer\\_programs/italy/index.html](http://www.tip.duke.edu/summer_programs/italy/index.html)

### CULTURE

**El Museo del Barrio**, Internships for high school on Latin and Caribbean art and culture; help with research, and event planning and coordinating; <http://www.elmuseo.org/> (1230 Fifth Avenue)

**Studio Museum Harlem** offers unpaid semester, year-long, and summer internships for NYC high school

Students (144 W 125 St.). "Students are teamed with staff members in various departments

according to their interests and skills." <http://www.studiomuseum.org/public-programs/youth/>

**Studio Museum Harlem** offers a free course for high school students: Expanding the Walls: Making

Connections between Photography, History, and Community, an 8-month workshop, "that

culminates in an exhibition of the students' work at the Studio Museum." The Museum also

offers two other high school courses: ARTLooks: A Day in the Life of an Artist (students get to

meet professional artists, with one-on-one portfolio reviews), and Hands On: Art Making Workshops.

**The Jewish Museum**, Teen Interns, for 9<sup>th</sup> through 11<sup>th</sup> graders; apply to participate; training sessions

take place Nov. 16, 23, Dec. 7 & 14 (participants must attend all). Interns read stories to

children; assist with Sunday performances, and gallery tours;

<http://www.thejewishmuseum.org/TeenInterns>

**Museum of Chinese in America (MOCA)** at 70 Mulberry St. (soon 211-215 Centre St.) has HS internships.

<http://www.ny.com/cgi-bin/frame.cgi?url=http://www.moca-nyc.org/&frame=/frame/museums.html>

**National Museum of the American Indian** (Smithsonian; in Manhattan)

Unpaid internships for high school students in Exhibitions; Fund-Raising; contact Samir Bitar;

[www.AmericanIndianSI.edu](http://www.AmericanIndianSI.edu)

**DANCE**

**New York State Summer School of the Arts, School of Dance**, Saratoga, NY, modern dance technique (daily), choreography, performance, end-of-summer workshop performance; NY State high school students in grades 8-12, based on audition; July 26-Aug. 22; \$1,500. [www.emsc.nysed.gov/nysssa/](http://www.emsc.nysed.gov/nysssa/)

**New York State Summer School of the Art, School of Ballet**, directed by Damian Woetzel, principal dancer with the NYC Ballet; intensive dance instruction; classes with NYCB principals (daily); be in grades 8-12; audition; June 28-July 25; \$1,500. [www.emsc.nysed.gov/nysssa/](http://www.emsc.nysed.gov/nysssa/)

**Alvin Ailey Dance, Junior Division Fellowship Program**; boys and girls ages 15-17; financial assistance to gifted student dancers; attend part-time during the school year and full-time during summer. By audition only.

[http://www.theaileyschool.edu/school\\_page.php?p=arti&v=68](http://www.theaileyschool.edu/school_page.php?p=arti&v=68)

“**AileyCamp**,” full-scholarship day camp (one in Staten Island, and one in Manhattan/Washington Heights) for middle school.

**Alvin Ailey Junior Division Summer Intensive**, ages 12-15 with minimum of 3 years of consistent ballet training; ballet with

modern and jazz. [http://www.theaileyschool.edu/school\\_page.php?p=arti&v=67](http://www.theaileyschool.edu/school_page.php?p=arti&v=67)

**American Ballet Theatre’s Jacqueline Kennedy Onassis School**, ages 12-18; by audition only. Ballet; [http://www.abt.org/education/jko\\_school.asp](http://www.abt.org/education/jko_school.asp) Also ABT II (ages 16-20).

**DEBATE**

**Dartmouth Debate Institute**: (four weeks, summer) <http://debate.dartmouth.edu/Workshops/ddi.php>

**Northwestern**: National High School Institute “Cherubs”; <http://www.northwestern.edu/nhsi/>

**ENVIRONMENT & ENVIRONMENTAL SCIENCE**

**Brown University Environmental Leadership in Hawaii**, one week April 4-11 2009; \$2,650; financial aid first-come, first served; <http://www.brown.edu/scs/pre-college/leadership/hawaii/dates-fees.php>

**Student Conservation Association (SCA)**; High school students join a coed high school crew in a national park for a month during the summer. The program is free; crews start July 6, and July 23, 2009. [http://www.thesca.org/cc\\_apply/](http://www.thesca.org/cc_apply/)

**Wildlife Conservation Society’s “Teens for Planet Earth.”** To find interesting conservation projects to join: <http://teens4planetearth.com/teenstakeaction/teens-choosingaconservationproject>

**Alley Pond Environmental Center (Queens)**, High School Field Biology Internships for 10<sup>th</sup> & 11<sup>th</sup> graders; FREE program, offered Fall, Spring & Summer; school-year environmental classes are offered Saturday mornings 9-noon; Summer programs are Thursdays 9:30-12:30. Senior Independent Internship; [info@aolleypond.com](mailto:info@aolleypond.com)

**Earthwatch**; Work with college professors on their research (largely environmental; ages 16 & 17) Climate Change at the Arctic’s Edge, Puerto Rico’s Rain Forest, Dolphins & Whales of Abaco Island <http://www.earthwatch.org/>

**Cornell/SEA Program**: Oceanography of the Coast of Maine, 4 college credits [http://www.sce.cornell.edu/ss/courses/on/courses.php?action=course&f=COURSEID&v=141&f2=ACAD\\_PLAN&v2=SHOALS](http://www.sce.cornell.edu/ss/courses/on/courses.php?action=course&f=COURSEID&v=141&f2=ACAD_PLAN&v2=SHOALS)

**ECONOMICS**

**Federal Reserve Challenge** (teacher orientation Dec. 9, 08); starts Feb. 25, 2009; <http://www.ny.frb.org/education/fedchal.html>

**Duke TIP China**: A Leader in the Global Economy—Shanghai, Xian, and Beijing; 2 week course (grades 10-12) [http://www.tip.duke.edu/summer\\_programs/china/index.html](http://www.tip.duke.edu/summer_programs/china/index.html) (\$4,200 plus airfare)

**GOVERNMENT**

**House Pages** (HS juniors 16+) attend House Page School; need a 3.0 GPA; must ask Senator or Congressman/woman;

paid \$18,000+ Bill Gates was once a page. (Summer pages can be rising juniors or rising seniors.)

<http://pageprogram.house.gov/become.html>

**Youth Delegates to the United Nations**: <http://www.un.org/esa/socdev/unyin/youthrep.htm#howto>

**HISTORY**

**The Concord Review**, the only national high school history journal, (quarterly); [www.tcr.org](http://www.tcr.org)  
Publication is EXTREMELY prestigious for serious high school history research papers.

**New York Historical Society Internships** (PAID), October –May (deadline passed Sept. 29—  
check it out for next year); Weekly shifts include mandatory Wednesdays 4-6 p.m., and  
six additional hours. Tasks include giving teen tours of museum, creating study guides  
for American history exam, supplementary video, picture books for elementary school  
groups, clerical support, helping with special events. Grades 10,11, 12 and age 16+  
[https://www.nyhistory.org/web/default.php?section=education&page=high\\_school\\_internships](https://www.nyhistory.org/web/default.php?section=education&page=high_school_internships)

**New York Historical Society “Saturday Academy”** tuition-free, for grades 9, 10, & 11  
Session I: 9-10:15 a.m. Session II 10:30-noon (Choose either or both.)  
Fall term started already; check back in spring (early January registration deadline).  
Classes will meet Jan. 31, Feb. 7, 28, March 7, 14, 21, 28. Topics are likely to include: History of  
Immigration in New York, Exploring American History through Audio, Consuming the American  
Dream, New York Past & Present, History of Crime & Law Enforcement in New York, and SAT Prep.  
Contact: [KSeikel@nyhistory.org](mailto:KSeikel@nyhistory.org)

**LITERATURE**

**TASP**: 6 weeks (must be high school junior); (FREE tuition; only pay transportation) \$500 stipend available;  
Cornell I: June 28-Aug. 8: Pleasure & Danger: Bodies in History, Science, Literature, and Philosophy  
Cornell II: June 28-Aug. 8: Empire of Prisons (US ranks first in the world in its rate of incarceration)  
University of Michigan: June 28-Aug. 8: Physics, Philosophy, Fiction  
UT Austin program: June 28-Aug. 8: TBA  
TASP to be “perhaps the most successful and prestigious academic summer program in the nation.”  
Telluride Association Summer Programs

**TASS**: 36 sophomores selected; 6 weeks; African American studies; U Michigan and Indiana University  
[http://www.tellurideassociation.org/programs/high\\_school\\_students/tass/tass\\_general\\_info.html](http://www.tellurideassociation.org/programs/high_school_students/tass/tass_general_info.html)  
**Indiana U.** June 28-Aug. 8:

Health & Illness in the African American Community: Social & Neurobiological Perspectives

**UMich**: June 28-Aug.8: Imaging Race in Literature & Visual Culture

**Great Books**: Grades 9-12: Three-week sessions June 28-July 18, July 5-25, July 12-Aug.1 (Amherst &  
Stanford June 21-July 11) Two-week sessions Amherst June 28-July11, July 5-18, July 12-25,  
July 19-Aug. 1. Other sessions at Stanford and William & Mary; and One-week sessions too.  
Summer; <http://www.greatbookssummer.com/programs/index.asp>

**MATH**

**Contests: AMC-10 (Feb 10 and 25) and AMC-12 (Feb 10 and 25), ARML, Mandelbrot**

**The Ross Program** (June 22-Aug. 14, 2009) <http://www.math.ohio-state.edu/ross/> \$2,500 including R&B

**PROMYS** (6 weeks) <http://www.promys.org/> \$2,500 (also...plus \$100 for books) Must be age 14+ by  
the start of the program at end of June; grades 9-12

**The Art of Problem-Solving**, online math for grades 6-12, including top training for contest math;  
Spring semester starts in February. <http://www.artofproblemsolving.com/>

**Mathcamp**, alternates location U. of Puget Sound in Tacoma, WA for 2009; five weeks; ages 13-18; \$3,200;  
need-based scholarships available; <http://www.mathcamp.org/fin.php>

**AwesomeMath Year-Round**, online course during the school year, August-July (six two-month segments)  
<http://www.awesomemath.org/yearround.shtml>

**AwesomeMath Summer** (deadline; Feb. 11 for 10 percent fee reduction) ; \$3,295 regular tuition.  
<http://www.awesomemath.org/application.shtml>

**Princeton Math Competition**, Jan. 31, 2009 (under age 20; non-college students);  
[https://cgi.math.princeton.edu/mathclub/index.php/Princeton\\_Math\\_Competition](https://cgi.math.princeton.edu/mathclub/index.php/Princeton_Math_Competition)

**Harvard-MIT Math Competition**, Feb. 21, 2009, <http://web.mit.edu/hmmt/www/>

**SCIENCE**Science Olympiads

**Physics Olympiad** (starts in January); <http://www.aapt.org/contests/olympiad.cfm>

**Chemistry Olympiad** (Register by Jan. 23) Round 1, March 2-31;

[http://portal.acs.org/portal/acs/corg/content?\\_nfpb=true&\\_pageLabel=PP\\_TRANSITIONMAIN&node\\_id=1005&use\\_sec=false&sec\\_url\\_var=region1](http://portal.acs.org/portal/acs/corg/content?_nfpb=true&_pageLabel=PP_TRANSITIONMAIN&node_id=1005&use_sec=false&sec_url_var=region1)

**Biology Olympiad**; (Register by Jan. 23) Round 1, February 4-13 <http://www.cee.org/usabo/>

**Computer Science Olympiad**; <http://ace.delos.com/contestgate>

Science Research Contests

**Intel STS**: (seniors only; entry deadline Nov. 19) <http://www.societyforscience.org/sts/>

**Siemens**: (deadline was Oct. 1); <http://www.siemens-foundation.org/en/competition.htm>

**ISEF**: <http://www.societyforscience.org/ISEF/>

**"Science Olympiad"** <http://soinc.org/tournaments>

**National Ocean Sciences Bowl**, Round 1, Feb. 7, 2009 Stony Brook; contact Bill Wise; [wwise@notes.cc.sunysb.edu](mailto:wwise@notes.cc.sunysb.edu)

**JETS (TEAMS)**: register by Feb. 10; competition Feb. 20, 2009; Polytechnic Institute of NYU in Brooklyn [www.jets.org](http://www.jets.org)

**FIRST Robotics Competition**: <http://www.usfirst.org/>

**Junior Science & Engineering Fair**: <http://www.jshs.org/>

**First Step to the Nobel Prize in Physics**: Deadline March 31, 2009, must not be over 20 years old before entry date;

<http://www.ifpan.edu.pl/firststep/>

**RSI**: <http://www.cee.org/rsi/>

**MIT Women in Technology**: <http://wtp.mit.edu/>

**MIT MITES** <http://web.mit.edu/mites/www/>

**Astronomy: Summer Science Program at Ojai (CA; June 21-Aug. 1) and Socorro (NM; June 14-July 25)**: 6 weeks;

Application deadline Feb. 20; very competitive, \$3,750 includes tuition, room, board; many scholarships offered.

<http://www.summerscience.org/admissions/index.php>

**Kopernik**: (Upstate New York, summer research in astronomy) [http://www.kopernik.org/summer\\_science/index.htm](http://www.kopernik.org/summer_science/index.htm)

Pottsdam?

**Columbia University Science Scholars**: Saturday morning program for students in 10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup> grades. Entry is by

exam (3-hour largely-math-based test—algebra, geometry, trig, and probability plus science, during the spring semester). Once admitted there are no more exams, and there's no homework. Participants choose from a wide array of science and lab courses each semester. <http://www.columbia.edu/cu/shp/apply.html>. Tuition is free.

**American Museum of Natural History**, After-School Program offers after-school internships to students

who have completed 9<sup>th</sup>, 10<sup>th</sup>, and 11<sup>th</sup> grade and have completed at least four "After-School Program" courses by May. Internship topics include Astrophysics, Biodiversity, Genetics/Genomics, and Anthropology/Archaeology; <http://www.amnh.org/education/students/program.php?id=203>

**American Museum of Natural History**, After-School Program (next deadline is \_\_\_\_)

9<sup>th</sup>-12<sup>th</sup> graders who attend New York City schools; a total of 25 courses are offered each year; Fee is \$300 per student for classes that meet twice-weekly, and \$150 for classes meeting once per week. Waivers and discounts are available based on need. Next session is Jan. 5-Feb. 13, and the session after is Feb. 23-April 3. <http://www.amnh.org/education/students/program.php?id=203>

**American Museum of Natural History**, High School Summer Science Institute, for students who are in or just completed 8<sup>th</sup>, 9<sup>th</sup>, or 10<sup>th</sup> grade, who attend school in New York City. Attend a one-week program first to learn about the variety of internships during the following school year and summer after that; the Institute takes place in August; participants get priority for after-school classes.

**American Museum of Natural History**, Saltz Expedition Center Internship Program

High school students work at interactive "Expedition Centers," guiding visitors with hands-on "interactives and technologies. Both summer internships and school-year weekend internships are offered. Summer interns get priority for school-year internships.

<http://www.amnh.org/education/students/offering.php?id=211>

**American Museum of Natural History**, Young Naturalist Awards; students grades 7-12, design and carry

out their own scientific investigations. <http://www.amnh.org/education/students/program.php?id=28>

Deadline is March 2, 2009. Cash awards and ceremony at museum.

**Bronx Zoo** has summer programs for students up to age 17; 2009 offerings listed online in February.

<http://www.ny.com/cqibin/frame.cgi?url=http://www.wcs.org/home/zoos/175/&frame=frame/museums.html>

**New York Hall of Science** (Flushing, Queens): High School Explainer Interns help in the Preschool Place "with puppet shows and science storytimes, and in the Activity Area, creating science-related arts and crafts projects with children and families. This is a volunteer position, but after one semester interns may be eligible to apply for a paid position. (Not currently hiring, but applications are being collected for the future.)

[http://www.nyscience.org/fun\\_learning/SCL/Volunteers](http://www.nyscience.org/fun_learning/SCL/Volunteers) For summer, applications are due by June 1.

**Rockefeller University Summer High School Science Outreach Program**, mentoring high school students in lab research.

<http://www.rockefeller.edu/outreach/>

**Stony Brook, Simons Program**; must be in junior year to apply; program runs June 29-Aug. 14, 2009; deadline for applications Jan. 15. ; very competitive admission; <http://stonybrook.edu/simons>.

**Stony Brook, Garcia Summer Scholar Program**: Polymers research, June 29-Aug. 14; Lab fee \$950; Supply kit \$75.

Application deadline, Feb. 1; <http://polymer.matscieng.sunysb.edu/researchscholar.htm>

**Stony Brook Biotechnology Summer Camp**, July 13-Aug.7, 2009; \$2,195 includes lab fees and room & board. Students must have completed 9<sup>th</sup> grade and a Biology course to participate; students live in dorms weekdays, and go home weekends. <http://www.stonybrook.edu/cesame/students/BiotechSummerCamp/biotechsummercamp.shtml>.

**Stony Brook College of Engineering & Applied Science**, CEAS Summer Research Institute, July 6-Aug. 1; must be a junior in high school. <http://www.ceas.sunysb.edu/program.asp>

**Stony Brook, Explorations in Forensics Camp**, Students who have completed 9<sup>th</sup> grade and who have not yet taken a Forensics course; application deadline June 1. July 27-31, 9-3 daily; \$350.

[www.stonybrook.edu/cesame/students/ForensicsCamp/forensicscamp.shtml](http://www.stonybrook.edu/cesame/students/ForensicsCamp/forensicscamp.shtml)