# SUMMER PROGRAMS AND INTERNSHIPS

**Colleges, universities and other organizations nationwide offer summer programs emphasizing academics, the arts, athletics and community service. MANY OFFER FINANCIAL AID TO HELP STUDENTS ATTEND. The list below represents only a small sample of programs available. For further information visit the MHS career center and/or view enrichment programs on family connection.**

**Maryland Summer Centers for Gifted and Talented Students.** Summer programs offered in, environmental biology, mock trial, mathematics, journalism, architecture, computer programming, creative writing, economics, film form and culture, philosophy, public speaking, forensic science, West African dance & culture, international politics and engineering design.. Applications due in April of each year. Visit [www.marylandpublicschools.org/summer centers or call 410-767-0821](http://www.marylandpublicschools.org/summer%20centers%20or%20call%20410-767-0821).

**University of Maryland Young Scholars Program**, College Park, Md. Courses offered in Architecture and urban planning, creative expression, business, environmental studies, communication science and engineering, history and public health. Visit www.ysp.umd.edu.

**University of Maryland LIFT Summer Programs**-provides affordable and enriching experiences that prepare students to excel in high school, college and beyond. Courses include creative writing, standardized testing prep, entrepreneurship through STEM, and computer coding. Contact LIFT at 301-405-0895 or [Lift@umd.edu](mailto:Lift@umd.edu) or [www.precollege.umd.edu/lift](http://www.precollege.umd.edu/lift).

**University of Maryland Summer Language Institute**-full year of language study in the summer including Arabic, Persian or Chinese. Scholarships available. See sllc.umd.edu/special-programs/summer institute or call 301-405-9266.

**Montgomery College Summer Youth Program**s-numerous class for high school students including sports, computer design, and writing. See [www.montgomerycollege.edu/youth or call 240-567-7917](http://www.montgomerycollege.edu/youth%20or%20call%20240-567-7917) for further information.

**Maryland Hispanic Youth Symposium.** Available for 9th through 11th grade students with a minimum GPA of 2.5 and a teacher or counselor recommendation. An opportunity to spend four days and three nights at a local university learning about the college and scholarship process. Online registration at [www.hispanicyouth.org](http://www.hispanicyouth.org/) or call 800-644-4223.

**Johns Hopkins University, Montgomery County Campus Rockville Engineering Innovation program.** 4 week program includes instruction in engineering concepts and hands-on projects. Visit <http://engineering-innovation.jhu.edu/>.

**Science and Engineering Apprenticeship (SEAP)-**Eight week summer program offering students exposure to Navy projects and programs. Visit <http://www.asee.org/seap>. Applications due in January of each year.

**Massachusetts Institute of Technology MITES (Minority Introduction to Engineering and Science) Program**, Cambridge, MA. Free six week summer program focusing on engineering and science. To apply, visit <http://mit.edu/mites/www>. Deadline is February of each year.

**University of Pennsylvania School of Engineering and Applied Science.** Three week summer program focusing on biotechnology, computer graphics, computer science, nanotechnology and robotics. Visit [www.jkcp.com](http://www.jkcp.com).

**Boston University PROMY’S Summer Program**, Boston, MA. Program for students interested in creative mathematical exploration. Visit [www.promys.org](http://www.promys.org).

**Stanford University Education Program for Gifted Youth**. Three-four week intensive engineering program. Visit http://epgy.stanford.edu/summerhighschoolprogram.html.

**NASA Space Club Scholars Program-**Goddard Space Flight Center. Six week summer internship for students interested in space science and engineering. Visit [www.eduation.gsfc.nasa.gov/pages/placement/html](http://www.eduation.gsfc.nasa.gov/pages/placement/html). Applications due yearly in February.

**George Washington University Science and Engineering Apprenticeship Program**, Washington, D.C. Eight week summer program working in the Department of Defense Labs. Hands-on exposure to scientific and engineering. To apply, visit [http://www.usaeop.com](http://www.usaeop.com/).

**Vanderbilt University**, Nashville, Tennessee. Six week program for students interested in engineering, pre-medical, science and/or technology. Visit <http://pave.vanderbildt.edu> or call 615-322-3297.

**iD Tech Summer Tech Camps**-located at Universities of Virginia, Maryland, Delaware, Virginia Commonwealth, Georgetown, American, Towson, and College of William and Mary.

See i[nfo@iDTech.com](mailto:nfo@iDTech.com) or call 1-888-709-8324 for more information.

**National Institutes of Health, Summer Internship Program (NIH).** For high school students at least 16 years of age who are interested in pursuing research opportunities in the medical field. Coursework, grades, resume, and references will be considered. For an application visit [www.training.nih.gov/apps/publicForms/sip/forms/sipApp.aspx](http://www.training.nih.gov/apps/publicForms/sip/forms/sipApp.aspx).

**The National Center for Health Marketing’s Global Health Odyssey Museum CDC Disease Detective Camp (DDC)**. Students learn how the CDC safeguards the nation’s health. Visit [www.cdc.gov/gcc/exhibit/camp.htm](http://www.cdc.gov/gcc/exhibit/camp.htm).

**Camp Cardiac**, Washington, D.C. One week program for students interested in exploring careers in medicine. Visit myensel@campcardiac.org.

**University of Chicago.** Summer program focusing on research in the biological sciences. Visit httsp://summer.uchicag.edu/minisite/index.html.

**The Ohio State University Buckeye Vet Prep Camp**, Columbus, Ohio. Opportunity for HS sophomores and juniors to learn about veterinary medicine. Visit vet.osu.edu/VetCamp.

**Purdue University AgDiscovery Program**-2 week program combining agriculture andveterinary medicine. Opportunity to explore animal, plan, veterinary, and environmental science. See <https://ag.purdue.edu> or www.vet.purdue.edu

**Girls Exploration in Mathematics and Science (GEMS), Delaware State University**, Dover Delaware. Two week summer program to encourage girls’ interest in mathematics, biotechnology, and information technology. Visit [http://gems.desu.edu](http://gems.desu.edu/) or call 302-857-7869.

**Virginia Tech** **Computer and Technology Program**, Blacksburg, VA. Two week residential program to develop girls’ interest in engineering and the sciences. Visit [www.eng.vt.edu/academics/ceed.php or call 540-231-3973](http://www.eng.vt.edu/academics/ceed.php%20or%20call%20540-231-3973).

**University of Maryland A. James Clark School of Engineering.** One week programs for women interested in aerospace, chemical, bio molecular, civil, electrical, computer and mechanical engineering. Visit [www.wie.umd.edu](http://www.wie.umd.edu).

**The University of Michigan** **Women in Science and Engineering Program.** Visit <http://wwwlengin.umich.edu/wie/>.

**Girls Leadership Workshop.** Nine day international social justice leadership program for 9th and 10th grade girls at Eleanor Roosevelt’s home in upstate New York. Visit [www.ervk.org](http://www.ervk.org/).

**Princeton University Summer Journalism Program**, Princeton, NJ. For low income sophomores and juniors interested in journalism. To apply visit [www.princeton.edu/sjp](http://www.princeton.edu/sjp). Deadline is January of every year.

**Newseum Volunteer Program**-volunteers commit to a minimum of one year and provide orientation and tours to Newseum visitors. For more info see, Newseum.org/about/volunteer/ or call 202-292-6368.

**The Smithsonian Associates Summer Camp**, Washington, D.C. Opportunities to be a Youth Teacher Assistant. Full description of summer camp offerings at smithsonianassociates.org/camp. Applications at [TSAcamp@si.edu](mailto:TSAcamp@si.edu).

**The Junior Statesman Program Summer School.** Located on the campuses of Georgetown, Princeton, Yale, Stanford, and Northwestern, this unique program includes three core components: a rigorous curriculum, student debates, and speaker programs. Visit [www.jsa.org](http://www.jsa.org).

**Susquehanna University Leadership Institute for Entrepreneurship**, Selinsgrov, PA. Focus on learning to become successful in business. Visit [www.susqu.edu/life](http://www.susqu.edu/life).

**University of Maryland Academy for Innovation & Entrepreneurship Young Innovators Program**-two week summer program for rising seniors interested in business. For more info contact Marc Steren at Bullis School, Potomac, MD.

**College of William and Mary**, Williamsburg, VA., Three week program focusing on early American history. Visit [www.wm.edu/NIAHD](http://www.wm.edu/NIAHD).

**Kenyon Review Young Writers Workshop, Kenyon College,** Gamier, Ohio. Two-week summer creative writing programs for high school students. Visit [www.kenyonreview.org](http://www.kenyonreview.org/).

**University of Virginia Summer Program**, Charlottesville, VA. Two and four week summer sessions are available. Strong focus on creative writing. Visit [www.4starcamps.com](http://www.4starcamps.com/).

**Writopea,Washington, D.C**. Intensive creative writing workshops offering opportunities to develop short stories, personal essays, poetry, and scripts. Visit [www.WritopiaLab.org](http://www.WritopiaLab.org) or call 2026299510.

**Barnard College, NYC**. One and four week summer sessions. Courses offered in the art of the essay, fiction writing, memoir and personal narrative, and screenwriting. Visit pcp@barnard.edu

**School of the Art Institute of Chicago (SAIC). S**ummer programs in contemporary art, painting, drawing, photography, fashion design, graphic design, video, film animation, creative writing, and architecture. Visit [www.saic.edu/ecp](http://www.saic.edu/ecp) for more information.

**Pratt Institute Pre College Summer Program**, Brooklyn, NY. Courses offered in architecture, art history, creative writing, fashion design, painting and drawing, graphic design, interior design, jewelry, media arts, photograph and sculpture. Visit www.pratt.edu/ccps-precollege.

**Maryland Institute College of Art, Baltimore, MD.** Pre-college studio residency programs in Baltimore and Tuscany, Italy. Course offerings include, digital photography, architecture, graphic design, and sculpture. Visit [precollege@mica.edu](mailto:precollege@mica.edu) or call 410-225-2219.

**SCAD Summer Programs**-Summer workshops in Atlanta and Savannah, Georgia for high school students interested in art and design. See scad.edu/sss for further information.

**NYU Pre-College Summer Camp**, NY, NY. One to five week programs. Offerings include cartooning, digital movie making digital photography, and fashion design. Visit [www.scps.nyu.edu/sumcamp](http://www.scps.nyu.edu/sumcamp).

**Ithaca College**, Ithaca, NY. One and three week sessions for high school students. Courses offered in environmental politics, health sciences, media production, sculpture, musical theatre, sports, and media. Visit [www.ithaca.edu/summercollege](http://www.ithaca.edu/summercollege).

**Ball State University College of Architecture and Planning**, Muncie, Indiana. Two week intensive immersion program into environmental design. Visit [www.bsu.edu/cap/workshpo or call 765-285-5862](http://www.bsu.edu/cap/workshpo%20or%20call%20765-285-5862).

**Visarts**-non-profit art gallery in Rockville Town Square looking for volunteers to monitor galleries and assist visitors. Earn SSL hours or tuition credit. Visit [visartsvolunteer@gmail.com](mailto:visartsvolunteer@gmail.com) or <http://www,vusartsatrockville.org/>

**Interlochen Center for the Arts Summer Program,** Interlochen, Michigan. Programs available for high school students in creative writing, dance, general arts, music, theatre, and visual arts. Stays range from two to six weeks. For further information visit [www.interlochen.org](http://www.interlochen.org/) or call 231-276-7200.

**Stanford Youth Orchestra,** three week orchestral and academic program for young musicians ages 14-18. Applications at youthorchestra.stanford.edu.

**Lebanon Valley College Summer Music Camp**, Annville, PA. Programs offered in concert band/wind ensemble, string orchestra, piano, jazz band, percussion ensemble, and jazz improvisation. Visit [www.lvc.edu/music-camp or call 717-867-6293](http://www.lvc.edu/music-camp%20or%20call%20717-867-6293).

**Northwestern University** **Summer High School Program**, Evanston, Illinois. Courses available in numerous subject areas including an intensive music program. Visit [www.music.northwestern.edu/nhsmi](http://www.music.northwestern.edu/nhsmi).

**Harvard Summer School Program**, Cambridge, Ma. Over 200 courses offered with special programs in drama, math, and writing. Visit [ssp@hudce.harvard.edu](mailto:ssp@hudce.harvard.edu) or call 617-495-3192.

**Carnegie Mellon** University, Pittsburgh, PA. Summer programs in architecture, art, design, drama, music, and national high school game academy. Visit [www.cmu.edu/enrollment/pre-college or call 412-268-2083](http://www.cmu.edu/enrollment/pre-college%20or%20call%20412-268-2083).

**Summer @ Brown University**, Providence, Rhode Island-Over 150 noncredit courses are available for one to seven week stays. Visit [www.brown.edu/scs/pre-college](http://www.brown.edu/scs/pre-college).

**Cornell University Summer College**, Ithaca, NY. One and three week programs offered in a variety of subjects. Visit [www.sce.cornell.edu](http://www.sce.cornell.edu/).

**Georgetown University,** Washington D.C. Summer classes available in international relations, American politics, national security & counterintelligence, journalism, law and society, leadership and ethics, environmental science, fundamentals of business, information technology, and sports industry management. Stays are one to four weeks. For further information visit [http://summer.georgetown.edu/2009 or call 202-687-8954](http://summer.georgetown.edu/2009%20or%20call%20202-687-8954).

**George Washington University Summer Scholars Pre-College Program.** Ten-day mini-courses for rising 10th-12th grade students. Courses offered in biomedical engineering, election politics, law and evidence, photojournalism, American foreign policy, environmental studies, interior design, museum studies, and political theory. For further information visit [www.summerscholars.gwu.edu](http://www.summerscholars.gwu.edu/) or call 202-242-6802.

**Washington University in St. Louis**. Five week summer program offering courses in a variety of academic subjects. Visit summerscholars.wustl.edu.

**Emory**, Atlanta, Georgia. Two and six week sessions for high school students. Courses offered in neuroscience, science writing, law, film studies, music, poetry, sociology, psychology, and economics. Visit [www.college.emory.edu/pre-college](http://www.college.emory.edu/pre-college).

**The Restaurant School at Walnut Hill College,** Philadelphia**,** PA. Three-day hospitality program for high school juniors. For further information visit [www.walnuthillcollege.edu](http://www.walnuthillcollege.edu/) or call 215-222-4200, ext. 3011.

**Johnson and Wales University Culinary Arts Program**. Students choose one of two levels of culinary arts or baking and pastry arts or one level of culinary nutrition based on topics that best meet their educational needs. Visit the Magruder career center for further information.

**Students Conserving America (SCA) Conservation Crews.**  Students 15-19 spend a month on a conservation project involving building trails, shelters and bridges, restoring habitats, and/or maintaining historic sites. Visit [admissions@thesca.org](mailto:admissions@thesca.org) or call 603-543-1700.

**Coppin State University AgDiscovery Program**-2 week academic program provides opportunity to explore plant, animal, and environmental sciences. Contact Dr. Mintesinot Jiru at 410-951-4139 or [mjiru@coppin.edu](mailto:mjiru@coppin.edu)

**University of Maryland AgDiscovery Program**-3 week academic program provides opportunity to explore food, culture, and the environment. See [www.agnr.umd.edu](http://www.agnr.umd.edu) and contact Dr. Evelyn Cooper at 3014057044or [ecooper@umd.edu](mailto:ecooper@umd.edu).

**The Experiment in International Living.** A nonprofit organization in existence since 1932, whose mission is to enable students to share experiences, languages and customs with those from different countries and traditions. Exchange programs are available in 28 countries worldwide. Financial aid is available for eligible students. For further information visit experiment@worldlearning.org or call 800-345-2929.

**Where There be Dragons.** Summer programs designed to help students acquire experiential hands-on skills including rugged travel, urban and rural home stays, wilderness exploration, service learning, and language acquisition. Travel opportunities offered to China, India, Central and South America, West Africa and Indonesia. Visit [www.wherethrebedragons.com](http://www.wherethrebedragons.com).