SUMMER PROGRAMS FOR ENGINEERING

**Johns Hopkins University**, Montgomery County Campus (Rockville). Four week engineering innovation program. 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.

**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/>.