**SUMMER 2015 INTERNSHIPS**

### Science & Engineering Apprenticeship Programs

The Science and Engineering Apprenticeship Program (SEAP) provides an opportunity for students to participate in research at a **Department of Navy (DoN) laboratory** during the summer. SEAP provided competitive research internships to 245 high school students this year. Participating students spend eight weeks during the summer doing research at approximately 20 DoN laboratories. The online application closes on **December 19, 2014**. For more info and to apply, please go to [http://seap.asee.org/](http://seap.asee.org/)

The Science and Engineering Apprenticeship Program (SEAP), **sponsored by George Washington University and the Department of Defense**, is an eight week summer program for high school students. Because of the setting, students are treated as research assistants rather than just teenagers. First year participants are awarded an educational stipend of $2000. **The online application closes on April 14, 2014.** For more info and to apply, please go to [http://www.usaeop.com/programs/SEAP/index.htm](http://www.usaeop.com/programs/SEAP/index.htm)

### The Gains in the Education of Math & Science (GEMS)

The Gains in the Education of Math & Science (GEMS) is an extracurricular science education program, which enables students to experience science in a real laboratory setting. Students receive a stipend to participate in one-week, two-week- and four-week long programs, depending on student grade and program site. For more info and to apply, go to [http://www.cvent.com/events/2015-gems-silver-spring-md/event-summary-bb5b11f6ede2413c9d2a7a41160d6ca8.aspx](http://www.cvent.com/events/2015-gems-silver-spring-md/event-summary-bb5b11f6ede2413c9d2a7a41160d6ca8.aspx)

### YES! Youth Engagement through Science

YES! Youth Engagement through Science is a youth program for rising high school sophomores, juniors and seniors sponsored by the Smithsonian. It is a 12 week program from June 29 – August 14. Gain practical experience in a Smithsonian science career, have opportunities to work in Smithsonian exhibit and learning experiences and earn a stipend of $1750. **The application deadline is January 30, 2015.** For more info and to apply go to [http://www.mnh.si.edu/education/yes/](http://www.mnh.si.edu/education/yes/)

### BANK OF AMERICA - STUDENT LEADERS PROGRAM

BANK OF AMERICA - STUDENT LEADERS PROGRAM is seeking H.S. juniors or seniors strong in leadership who have demonstrated interest in tackling the crucial issues facing communities today. This is a paid eight-week internship for the summer of 2015 with a non-profit organization that addresses the concerns in your community. Gain hands-on learning & valuable insights into how community organizations work. Online applications may be submitted at [http://about.bankofamerica.com/en-us/global-impact/student-leaders.html#f]b=NXdF7lhcc7f. **The application deadline is January 31st, 2015.** Questions: 202-442-3925 or theresa.seighman@bankofamerica.com

### The National Security Language Initiative for Youth (NSLI-Y)

The State Department’s National Security Language Initiative for Youth (NSLI-Y) provides merit-based scholarships to U.S. high school students and recent graduates interested in learning less-commonly studied foreign languages overseas.

#### Eligibility Requirements

All applicants must:

- Be a U.S. citizen currently enrolled in, or just graduated from, high school;
• Be 15-to-18 years old at the start of the program;
• Have a minimum GPA of 2.5.

**Deadline for 2015-16 is October 30, 2014.**

For more info and to apply, please go to [http://exchanges.state.gov/youth/programs/nsli.html](http://exchanges.state.gov/youth/programs/nsli.html)

**WHITE HOUSE SUMMER INTERNSHIPS**

• Graduating high school seniors who have enrolled and anticipate attending a college, community college, or university (two-to-four year institution) are invited to apply for students who are at least 18 years old. The President, First Lady, and staff are committed to providing young leaders from all across the nation an opportunity to develop their leadership skills and gain exposure to the public service sector through the White House Internship Program. This program was developed to provide hands-on experience and cultivate such skills. The assignments given to an intern on any given day could include conducting research, managing incoming inquiries, attending meetings, and writing memos and staffing events.

• Selection as a White House Intern is based on the following criteria:
  • A commitment to public service
  • Demonstrated leadership in the community
  • A commitment to the mission of the Obama Administration

The application deadline is January 11, 2015. For more info and to apply, please go to [http://www.whitehouse.gov/about/internships](http://www.whitehouse.gov/about/internships)

**NASA DEVELOP National Program, Various Locations**

SSAI AND WISE, VA through the DEVELOP National Program, Hampton, VA student research intern positions available for June 4 through August 10. Salary is dependent upon student's educational status. High school (must be 16 yrs old), undergraduate and graduate level students with a 3.0 GPA are eligible to apply. Students with a strong interest in atmospheric science, environmental science, Earth science, physics, chemistry, technology, computer science, environmental policy, or mathematics are strongly encouraged to apply. Several locations to choose from: Langley Research Center -- Hampton, VA; Ames Research Center -- Moffett Field, CA; **Goddard Space Flight Center -- Greenbelt, MD**; Stennis Space Center -- Stennis, MS; Marshall Space Flight Center -- Huntsville, AL; Mobile County Health Department - Mobile, AL; Great Lakes and St. Lawrence Cities Initiative -- Chicago, IL. Access the application at [http://develop.larc.nasa.gov](http://develop.larc.nasa.gov). Other information about the program is also available at the website. **Application Deadline: February 27, 2015.** Contact: Amy Jo Swanson, Science Projects Manager, DEVELOP National Program Office, NASA Langley Research Center, Mail Stop 307, Hampton, VA 23681. Phone: (757) 864-3761. Fax: (757) 864-3699. E-mail: NASA-DL-DEVELOP@mail.nasa.gov.

**NASA GODDARD SPACE FLIGHT CENTER 2015 SUMMER INTERNSHIP PROGRAM**

The online application is located at [http://intern.nasa.gov](http://intern.nasa.gov). The application closes on March 1, 2015, however it is advised that students have their applications completed by approximately February 1, 2015. The internship program for high school students is highly competitive.
NIH Summer Internship Program for Biomedical Research

Summer programs at the National Institutes of Health (NIH) provide an opportunity to spend a summer working at the NIH side-by-side with some of the leading scientists in the world, in an environment devoted exclusively to biomedical research. The NIH consists of the 240-bed Mark O. Hatfield Clinical Research Center and more than 1200 laboratories/research projects located on the main campus in Bethesda, MD and the surrounding area as well as in Baltimore and Frederick, MD. Prospective candidates must apply online. The NIH Summer Internship Program is highly competitive. In 2010, more than 6700 applications were submitted, and about 1200 interns were selected. Applications are reviewed on a rolling basis from November through April by scientists in the Institutes and Centers of the NIH. The deadline is March 1. For more info and to apply, go to https://www.training.nih.gov/programs/sip

The J. Craig Venter Institute 2015 Internship Program

The Internship Program offers motivated high school, undergraduate and graduate students as well as teachers the opportunity to nurture their interest in science by participating in cutting-edge genomic research at the Institute in both Maryland and California. In addition, the Institute also hosts students interested in other areas such as EHS and IT. The summer program is by far the most popular with over 540 applicants last year from around the US and the world. High school students must be at least 16 years old by one month prior to the start of their internship and have preferably completed their junior year. A ‘B’ average is required as well as a strong interest in the selected career. For more information, visit: http://www.jcvi.org/cms/education/internship-program
Click on Internships then Application Process. Students then click on Career Opportunities Webpage and Select “view job opportunities” and select and apply to the position in which you are interested. In the space provided, students upload a resume, transcript and essay and if a faculty member is interested in your application, you will be contacted directly. Dates of the internship will be established as a result of the needs of the mentor and the availability of the intern.

NIH – Histep Summer Internship Program

New NIH 5 week summer program for students 16+ interested in STEM careers; $2100 stipend; 3.0+ cum GPA preferred; will consider 2.75; school must have 30% or more FARMS although applicant does not have to receive FARMS; Application and more info at https://www.training.nih.gov/histep
Deadline March 1, 2015.

NIH - The Robert Whitney Newcomb Memorial Scholarship/Internship Award

Eligible students are Juniors who are taking AP or IB Biology or AP or IB Chemistry and/or Biotechnology and have an interest in biological research. Students work for six consecutive weeks over the summer and receive a $2500 stipend and the opportunity to do state of the art research at NIH. The students then continue their work the following year as interns at NIH. This part of the internship can be done during or after school. The internship is only open to students in the Downcounty, NEC, or Seneca Valley, Watkins Mill or Gaithersburg HS. Please see Mrs. Prochnow in the College/Career Center for an application. The deadline to submit the application is April 17, 2015.