



Opportunities by Major

Dec. 12 edition

The Office of Career Services offers this weekly guide to keep you informed. Math/CS and Chemistry/Biology majors can refer to either section of their dual major for relevant opportunities. These are a sample of new events and opportunities offered. There are many more in Handshake.



BIOLOGY

2017-Summer Teach- The Phillips Academy Summer Session and (MS) Programs are seeking Biology teachers. Apply: <https://andover.csod.com/ats/careersite/JobDetails.aspx?id=49>

Nebraska Summer Research Programs offers opportunities in Bioenergy, Biomedical, Plant Biology and more: <http://www.unl.edu/summerprogram/>

Life Sciences Summer Undergrad Research Program at the University of Minnesota – 7 programs to choose from. Apply <http://cbs.umn.edu/issurp>. Deadline February 15, 2017

Maryland Sea Grant REU
(<http://www.mdsg.umd.edu/REU>)



CHEMISTRY

The Materials Research Science and Engineering Center Northwestern University - 9-week paid summer Research Experience for Undergraduates program. This opportunity is open to all physics, chemistry, engineering and materials science students who are U.S. citizens or permanent residents. Apply: <http://mrsec.northwestern.edu/facilities/education/reu/>

Maryland Sea Grant REU
(<http://www.mdsg.umd.edu/REU>)

Ole Miss Chemistry Summer REU (must have completed first year)
<http://reu.chem.olemiss.edu>







COMPUTER SCIENCE

Summer REU in Software Security at Boise State University - The program hosts 10 computer science undergraduate students for nine weeks while they conduct research with active and experienced research faculty and improve their ability to formulate and solve research problems. **Students may apply through March 1, 2017** at coen.boisestate.edu/cs/reu/application.






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 ENGINEERING	 MATHEMATICS	  MATH & COMPUTATIONAL BIOLOGY
<p>Purdue Industrial Engineering Grad Program – See https://engineering.purdue.edu/IE/Research/OR for specific research interests. Apply by January 5, 2017.</p> <p>Pelican Products is hiring mechanical and electrical engineers. Apply online.</p> <p>An HMC alum sent us an opportunity at Ursa Major Technologies: Avionics Engineer</p> <p>SSL On Site Career Fair, January 2, 2017 - If you are a student with a passion for aerospace, this is a great opportunity for you to speak with hiring managers and tour their integration and test facility. They are looking to fill internship and full-time career opportunities for BS and MS students majoring in mechanical, electrical, aerospace, industrial, and systems engineering, in addition to physics and a variety of technical disciplines. Register: send name and university name to onsite_careerfair@sslmda.com to reserve a spot. More info: http://sslmda.com/html/careers/onsite_career_fair_010217.html</p> <p>National Eco Observatory Network offers summer REUs: http://bit.ly/NEONIntern17g</p> <p>Materials Research Science and Engineering Center Northwestern U. - 9-week paid summer REU program. Apply: http://mrsec.northwestern.edu/facilities/education/reu/</p>	<p>Maryland Sea Grant REU (http://www.mdsg.umd.edu/REU)</p> <p>Wpromote, one of the nation’s largest digital marketing firms, is seeking a Data Scientist for clients such as Toyota, Verizon, Marriott, Bayer HealthCare and more. Prefer candidates with Excel skills (Macro/Pivot tables) and Google Analytics. Apply on Handshake: https://app.joinhandshake.com/jobs/562635</p>	<p>The Institute for Health Metrics and Evaluation Post Bachelor Fellowship-combines a full-time professional position, academic research, and education with progressive on-the-job training and mentoring from a renowned group of professors. http://www.healthdata.org/post-bachelor-fellowship/application-process Apply by January 10,</p> <p>Undergraduates in Bigelow Laboratory's summer REU Program spend ten weeks at the Laboratory conducting independent research with guidance from a scientist mentor. Directed by Senior Research Scientist Dr. David Fields, and funded by the National Science Foundation, areas vary year to year, but include marine microbiology, ocean biogeochemistry, optical oceanography, remote sensing, bioinformatics, sensory biology and phytoplankton ecology. https://www.bigelow.org/education/reu/#Application%20Procedure</p> <p>Broad Cancer Genomic Scholars program offers a Post-bac program: 2 year, full time, paid. Research focuses on computational biology. Deadline: Jan. 4. Apply at broad.io/bcgs</p>



Opportunities by Major, Dec. 12 2016, continued

 PHYSICS	 ALL MAJORS	 HMC.EDU/CAREER-SERVICES
<p>NASA Student Airborne Research Program (SARP) - The NASA Airborne Science Program announces the opportunity for highly motivated rising senior undergraduates to participate in an 8-week summer 2017 internship program in Earth system science using its C-23 Sherpa and ER-2 flying laboratories. Apply: https://intern.nasa.gov/ossi/web/public/quest/searchOpps/index.cfm?solarAction=view&id=16482 by February 1, 2017.</p> <p>Maryland Sea Grant REU (http://www.mdsg.umd.edu/REU)</p> <p>NSF-REU in Next-Generation Materials for Plasmonics & Organic Spintronics at University of Utah – 9 week program with a stipend of \$5000 and housing. Potential majors: physics, chemistry, materials science, engineering (chemical, electrical, mechanical, metallurgical), applied math. Apply at: www.mrsec.utah.edu/reu. Deadline: February 12, 2017.</p>	<p>The Woodrow Wilson Teaching Fellowship seeks to attract talented, committed individuals with backgrounds in the STEM fields—science, technology, engineering, and mathematics—into teaching in high-need secondary schools in Georgia and New Jersey. Apply: http://woodrow.org/fellowships/ww-teaching-fellowships/ by January 23, 2017.</p> <p>Global Health Fellowship - GHC is recruiting talented young leaders (ages 21-30) who bring a diversity of skills to the field of global health. Through a one year paid fellowship, GHC provides intensive leadership training while fellows work within high impact roles at health-focused partner organizations in Malawi, Rwanda, Uganda, the United States, and Zambia. Apply: http://ghcorps.org/fellows/ by January 18, 2017</p> <p>NYU offers an MA in Environmental Conservation Education as well as PhD programs. Apply by Feb. 1 http://steinhardt.nyu.edu/teachlearn/environmental</p>	<p>Stanford Grad School of Business Summer Institute for General Management (SIGM) Award - \$1,000 merit-based award to offset attending SIGM. Apply: https://www.gsb.stanford.edu/programs/summer-institute-general-management. By January 27, 2017.</p> <p>Cedars-Sinai Master's Degree in Health Delivery Science - a unique, highly applied, 20-month, harmonized curriculum that explores four interrelated disciplines: data analytics, health analytics, healthcare financing, performance measurement and improvement. https://www.cedars-sinai.edu/Research/Research-Areas/CORE/Masters-Program/index.aspx</p> <p>ESTEEM at Notre Dame – The Engineering, Science & Technology Entrepreneurship Excellence Master's Program http://esteem.nd.edu/</p> <p>Doris Duke Conservation Scholars Program at UC Santa Cruz-2 Year conservation mentorship program centered on the summers between academic years. conservationscholars.ucsc.edu</p> <p>The Office of Career Services is located in Platt Campus Center</p> <p>Career_services@hmc.edu</p> <p>Drop-In Hours for fall: 1-3pm Monday - Friday</p> <p>See more events, postings, & news in Handshake!</p>