Science, Technology, Engineering, and Math Summer Experiences

Note: This is not intended to be a complete list of possible summer experiences; rather it is a sampling of possible options and resources.

For each of these industries, please see the corresponding handout for additional information.

Boston College General Internship Resources

A consortium of 20 top colleges and universities across the country. Lists internships in many fields across the U.S. and abroad.

Use your BC email to create a free account. Once logged in, navigate to the ‘Industries & Professions’ tab, click on ‘Go to the Finder’ and enter field of interest in the ‘Find by Name’ box (e.g. Pharmacist).

LinkedIn: http://linkedin.com
Networking is essential in your search for summer internships and employment. Use LinkedIn to identify BC alumni working in industries of interest, and set up conversations to learn more about their career fields.

EagleLink: https://bc-csm.symplicity.com/students
CareerEdge: http://careeredge.bc.edu
Sign up to receive alerts for the ‘Science, Technology, and Math’ blog

General Information

National Science Foundation Research Experiences for Undergraduates:
The National Science Foundation is an independent federal agency created to promote the progress of science; to advance the national health, prosperity, and welfare; and to secure the national defense. The NSF provides funding for undergraduate research experiences across various science disciplines.

RIT Co-Op/Internship and Summer Research Opportunities: http://people.rit.edu/gtfsbi/Symp/summer.htm
A detailed list of research and internship opportunities available across different life science industries.

Biology

Brown University Summer Internship Database: http://biology.brown.edu/bug/summer-internship-database#item72
Listing of summer biology internships in the U.S. and abroad.

Internships in NYC, Biomedical lab research, Ecology and environmental sciences, Marine biology, For Minorities, and Other biology.

MA Life Sciences Center Internship Challenge: http://www.masslifesciences.com/programs/internship/
The Internship Challenge is a workforce development program focused on enhancing the talent pipeline for Massachusetts companies engaged in the life sciences.
Chemistry

American Chemical Society: http://www.acs.org/content/acs/en/careers/college-to-career/next-steps/research-experience-study-abroad.html
Provides resources for searching for and securing a research experience as an undergraduate.

Computer Science

Listing of summer internships in computer science for students of all class levels.

Google Summer of Code: https://developers.google.com/open-source/gsoc/
Offers student developers the opportunity to write code for various open source software projects. Students are paired with mentors to gain exposure to real-world software development scenarios.

Internships.com Computer Science Internships: http://www.internships.com/computer-science/massachusetts
Provides a comprehensive listing of computer science internships in Massachusetts.

Earth and Environmental Sciences

Listing of environmental internships across the United States.

Improving the scientific basis for environmental decision making.

Orion Magazine: http://jobs.orionmagazine.org
Find green internships and jobs. Subscribe to their email newsletter to get these sent to you.

Mathematics

American Mathematical Society: http://www.ams.org/programs/students/emp-internships
Co-op and Internship opportunities for undergraduates.

Internships at corporations and institutions for applied mathematicians and computational scientists.

Summer Institute for Training in Biostatistics: https://www.nhlbi.nih.gov/research/training/summer-institute-biostatistics-t15
The Summer Institute for Training in Biostatistics (SIBS) offers a comprehensive six to seven week summer training course on biostatistics with relevant examples that include data collected in studies of heart, lung, blood, and sleep disorders.

American Statistical Association Internships: http://www.amstat.org/education/internships.cfm
The ASA is the world’s largest community of statisticians. On their site, they provide a listing of summer internship opportunities.

Physics

Internships and fellowships for both graduate and undergraduate students.