

Biological Sciences | Industry Guide

Overview

From CRISPR gene editing to global climate solutions, UChicago's Biological Sciences curriculum places students at the forefront of discovery. Supported by hands-on research and internship opportunities, students are prepared for diverse careers in **academia, industry, nonprofits, and government**. A majority of students engage in cutting-edge research opportunities equipping them to make meaningful impacts in fields like medical devices, biotech, and pharmaceuticals. Each summer, the Biological Sciences Collegiate Division (BSCD) leads 13 Fellowship programs providing over 125 opportunities for students to advance their skills and knowledge through hands-on research.

FIRST THINGS FIRST

Get started with these resources and stay up-to-date on biological sciences events and internships!

- **Explore Metcalf opportunities in Handshake** to find paid, substantive internships around the world.
- **Sign up for Career Advancement's Biological Sciences newsletter** and the **BSCD student newsletter** to get regular updates on biological sciences events and opportunities.

TRY IT OUT

Short-term experiences are a great way to explore career paths, start building your resume, and meet mentors.

- **Apply for a biological sciences career trek** to meet employers and learn about opportunities. Upcoming treks include San Francisco, Boston, and Shanghai & Beijing.
 - **Winter Break Treks** (Dec. 15-19): Apply by Oct. 13.
 - **Spring Break Treks** (Mar. 16-20): Apply by Jan. 20.
- **Job shadow** with an alum working in computational biology, healthtech, bioengineering, or environmental science.
 - **Winter Break Job Shadowing** (Dec. 15-19): Apply by Nov. 10
 - **Spring Break Job Shadowing** (Mar. 16-20): Apply by Feb. 17
- Join the Fall Quarter **Trek to Argonne National Lab**. Applications open in Oct.
- Attend the **Phoenix Biology Lab Night** and **BSCD Fellowship Info Session** on Jan. 22 to identify research opportunities. Registration will open in November.

BUILD YOUR SKILLS

The resources available through UChicago can help you distinguish yourself in the job market by acquiring essential skills and enhancing your expertise in the biological sciences:

- **Get involved with research** and work with a faculty member specializing in your field of interest. Attend the **STEM Campus Research Workshop** on Oct. 8 to learn more about finding a campus research opportunity.
- Apply for the **Biological Sciences Collegiate Division Fellowships** and **Neuroscience Early Stage Scientist Training Program** to get hands-on research experience over the summer. Applications open in the Fall.
- **Learn technical skills** with UChicago courses or free resources like LinkedIn Learning – desirable skills include data analysis/visualization, programming, research, and writing.
- **Take classes** to build expertise. Consider exploring Molecular Biology of the Cell, Tissue Immunity and Cancer, Intro to Virology, Fundamentals of Ecology and Evolutionary Biology and more!

GET EXPERIENCE

Get hands-on biological sciences experience by interning with UChicago employer partners such as:

- **Industry and Biotech:** AbbVie, Moderna, Impossible Foods, Tempus, Calico, Lumen Biosciences, General Metabolics, Pfizer, Genentech, Amgen, Variant Bio, Maze Therapeutics
- **Research Institutes & National Labs:** Allen Institute, Argonne National Lab, Buck Institute, Fred Hutch Cancer Research Center, Lincoln Park Zoo, Marine Biological Lab
- **Environmental and Ecological Organizations:** National Parks Conservation Association, Urban Rivers, Illinois Environmental Council, Lincoln Park Zoo, Openlands
- **Government Agencies:** CDC, FDA, EPA, NIH, NSF, USDA

FIND OPPORTUNITIES

There are many strategies to find jobs and internships, including applying for posted positions and creating your own opportunity through networking. These resources can help you find opportunities and networking contacts.

- **Attend employer information sessions** to network with recruiters
- **Get personalized support** from a Careers in Biological Sciences adviser:
 - **Tony Abeyta, PhD** brings 15+ years of experience in the biological sciences with experience in academia, non-profit foundations, and STEM education
- **Use the UChicago Alumni Directory** and other tools like LinkedIn to reach out to alumni at your target employers

BIOLOGICAL SCIENCES

EVENTS

Fall Quarter

- Sept. 29 | Fall Career Fair
- Sept. 30 | UChicago Grad Programs Fair (4+1)
- Oct. 1 | Google Information Session
- Oct. 8 | STEM Research Campus Employment Event
- Oct. 10 | Rural Innovation Challenge
- Oct. 21 | Mayo Clinic Information Session
- Oct. 21 | National Lab Application Bootcamp
- Oct. 29 | Climate Frontiers Career Fair
- Nov. 3-14 | Fall Climate & Energy Metcalf Clinic Program
- Nov. 13 | Trek to Argonne National Lab
- Nov. 17 | BSCD Fellowship Applications Open
- Nov. 18 | Biological Sciences Alumni Career Panel
- Dec. 19 | Neuroscience Early Stage Scientist Training Program (NESSTP) Application Opens
- Dec. 15-19 | Winter Break Biological Sciences and STEM Treks to Beijing and Shanghai, China; Los Angeles, CA; San Francisco, CA
- Dec. 15-19 | Winter Break Job Shadowing

Winter Quarter

- Jan. 15 | STEM Recruiting Night
- Jan. 22 | Phoenix Bio Lab Night & BSCD Fellowship Info Session
- Feb. 2-13 | Winter Climate & Energy Metcalf Clinic
- Feb. 6 | Leadership Conference
- Feb. 10 | Tech Recruiting Bootcamp
- Feb. 20 | Careers in Biological Sciences Office Hours
- Mar. 16-20 | Spring Break Biological Sciences & STEM Treks to New York, NY; San Francisco, CA; and Boston, MA
- Mar. 16-20 | Spring Break Job Shadowing

Spring Quarter

- Mar. 30 | Engineering Lab Tours
- Apr. 6-17 | Spring Climate & Energy Metcalf Clinic
- Mid-Apr. | Behavioral Science Consumer Insights Competition

UPCOMING DEADLINES

Fall Quarter

- Sept. 29 | Rural Innovation Challenge
- Oct. 8 | Fall Climate & Energy Metcalf Clinic
- Oct. 10 | Argonne National Lab Trek
- Oct. 13 | Winter Break Treks
- Nov. 3 | Fall Deadline: 4+1 Programs
- Nov. 10 | Winter Break Job Shadowing
- Nov. 20 | Winter Tech showcase

Winter Quarter

- Jan. 12 | Winter Deadline: 4+1 Programs
- Jan. 20 | Spring Break Treks
- Jan. 20 | Winter Climate & Energy Metcalf Clinic
- Feb. 17 | Spring Break Job Shadowing
- Mar. 7 | Spring Climate & Energy Metcalf Clinic

Spring Quarter

- Apr. 3 | BSCD Fellowship Applications
- Apr. 3 | NESSTP Fellowship Application
- Apr. 13 | Spring Deadline: 4+1 Programs
- May 17 | Summer Tech Showcase



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Major: Biological Sciences
Minor: Visual Arts
Involvement: Phoenix Biology, The Triple Helix
Post-Graduation Plans: Associate Researcher, Icahn School of Medicine at Mount Sinai



Zyva Sheikh, SB'24

Major: Biological Sciences
Minor: Molecular, Cellular, and Tissue Engineering
Involvement: Hibino Lab-UChicago Medicine; MODA Magazine
Post-Graduation Plans: Research Associate at 3D BioLabs