

REUs and Summer Opportunities



Agenda



Announcements

Introduction

Speakers on REU & Lee-SIP programs

Getting involved in REUs, Lee-SIP & internships



ANNOUNCEMENTS!



coming soon...

BURC E-BOARD OPPORTUNITIES



UPCOMING EVENTS

BURC x BioSci

Wednesday, November 15

BURC x MicroBio

Thursday, November 30



INTERNSHIPS RESEARCH PROGRAMS CLINICAL CARE OPPORTUNITIES FOR OUTREACH AND
NETWORKING ADOPTIONS MENTORING RESEARCH EXPERIENCE

INTERESTED IN PRESENTING YOUR RESEARCH?

**Talk to us at the end of this
meeting!**

INTRODUCTION

WHAT ARE SUMMER OPPORTUNITIES?

Internships

Research Programs

Clinical Care

Opportunities for Outreach and Networking

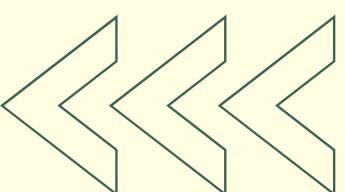
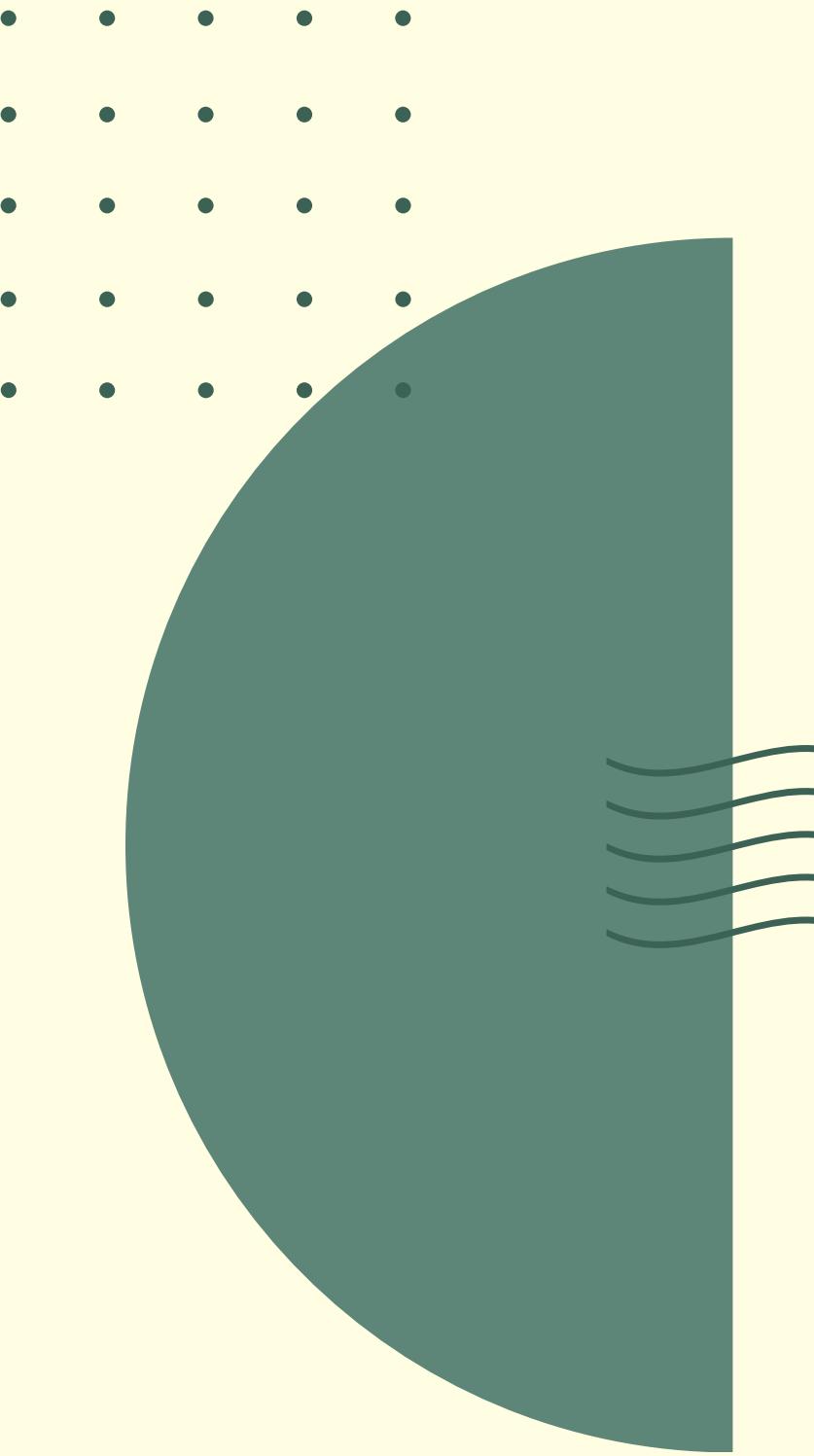
Great way to gain research experience

REUs

**Research Experiences for Undergraduates
Program funded by the National Science
Foundation (NSF)**

**Hosted by numerous Institutions around the
US**

**Programs in different sides of STEM
Great opportunities to better understand
research**



Lee-SIP

**William Lee-Science Impact Program.
REU here at UMASS that is offered those
who's primary major is in a department of the
College of Natural Sciences (CNS).**

**Program created to assist UMass students
from underrepresented minorities have
access to scientific research on campus
during the Summer, assisting with
acceptances into labs after the program**



Lee-SIP

Important Information

02/12/2024 - Priority Application Deadline

02/26/2024 - Rec Letter Deadline

10 Week Research Program

Housing in North Apartments

Preference for Rising Juniors

Must have 2 semesters left for eligibility

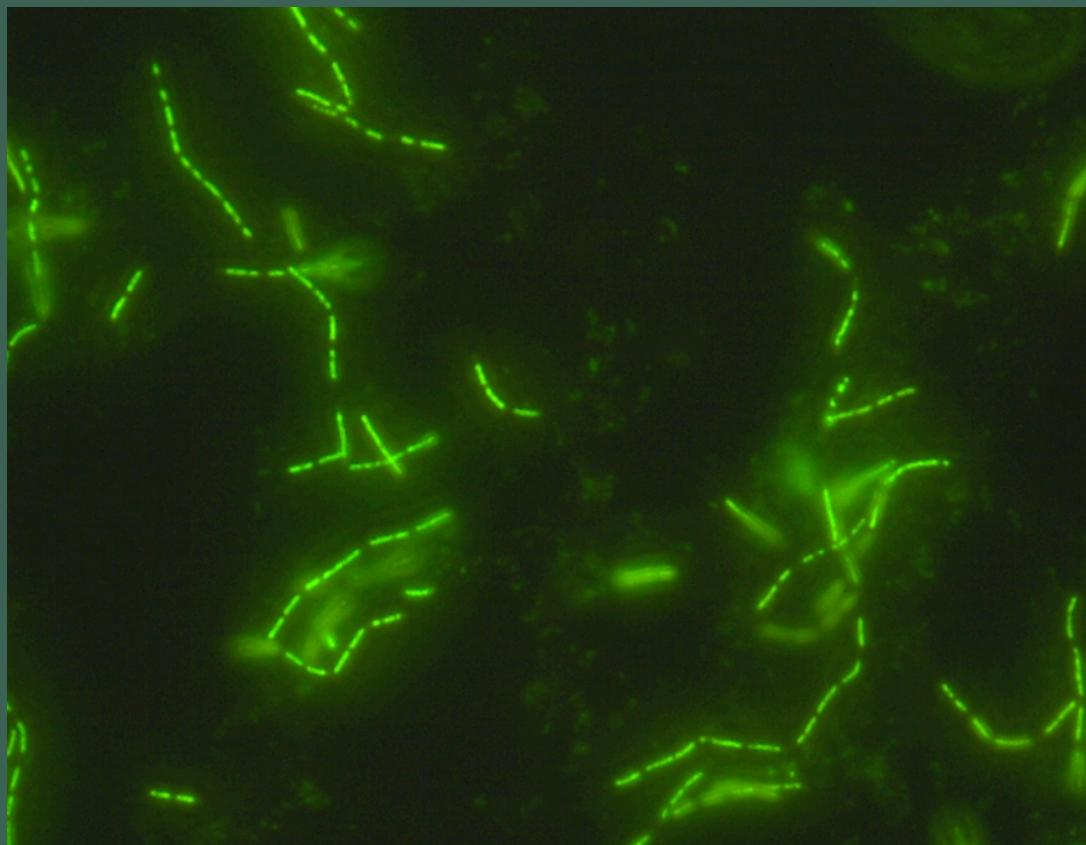
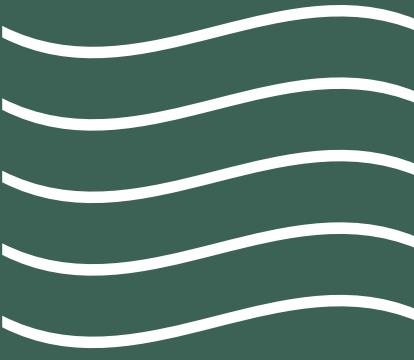
Internships

- **Learn how a job in industry works**
- **Gives experience in:**
 - **Management, clinical trials, administration & more**

Differences between Internships and REUS:

- **Internships provide experience in industry**
- **REUs provide experience in academic research**
- **Internships occasionally extend job offers**
- **Both are great opportunities to shape your future!**

GUEST SPEAKERS ON SUMMER PROGRAMS



GABBY RIZZO

HOLDEN LAB (SHE/HER)
SENIOR MICROBIO MAJOR AT UMASS
LINKEDIN: GABRIELLARIZZO, @_RIZZOGAB

REU Program at University of Nebraska Lincoln Weber Lab

Research Project:

Conducted experiments to see how a substance meant to mimic Martian soil (called MMS-1) affected the growth of a specific type of methanogenic archaea, *Methanobacterium species ACI*.

Explored characteristics of this methanogen such as:

- how fast they grow
- levels of salt they can tolerate
- susceptibility to lysis

NISH LOTUN

BLANCHARD LAB (SHE/HER)

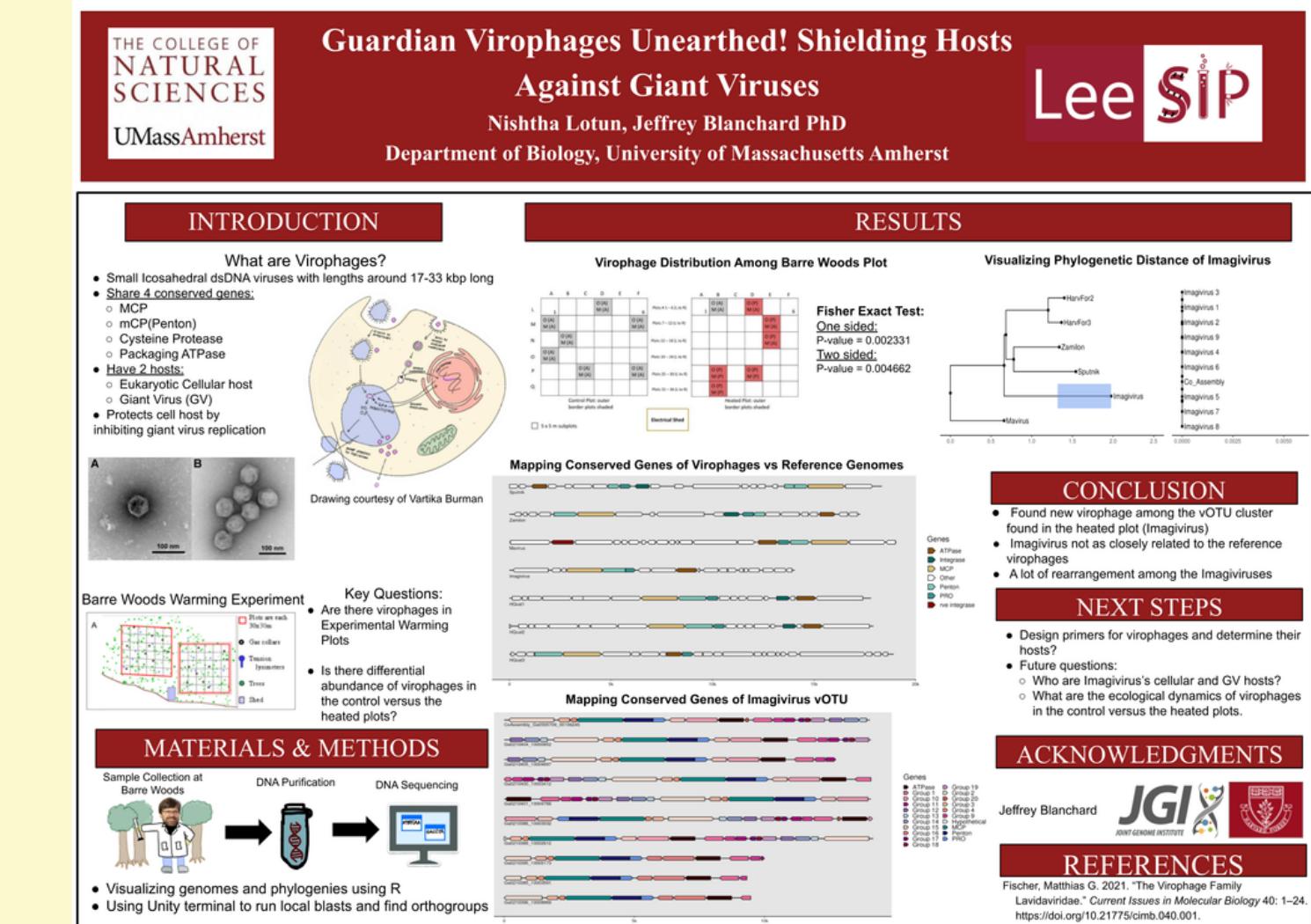
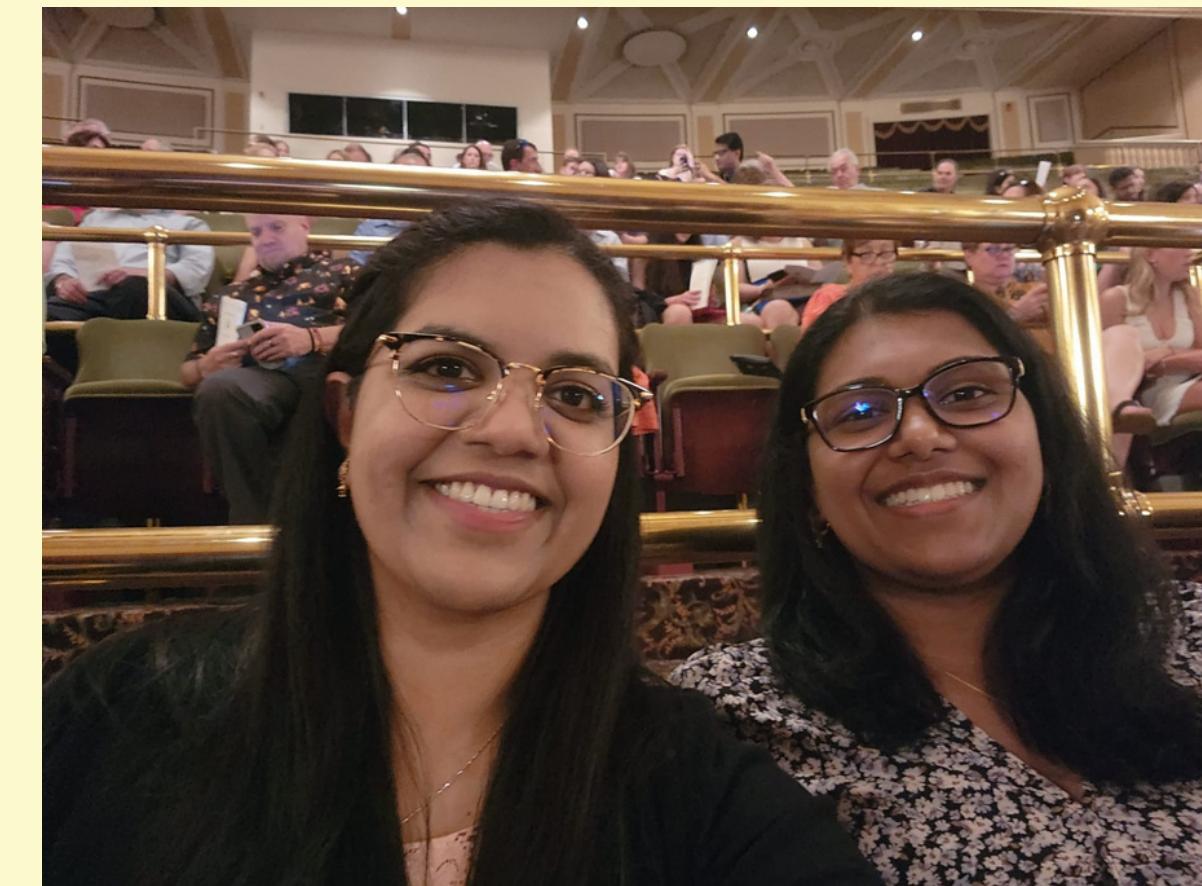
JUNIOR BIOLOGY MAJOR AT UMASS

Lee-Sip Program Blanchard Lab

Research Project: Conduct genomic analysis using bioinformatics

Goals for the project is to determine:

- Protein function
- How closely viruses are related to each other
 - creating phylogenies
- The viruses hosts
- Ecological role in the soil and its responses to climate change



Finding REUs, Lee-SIP & Internships

nsf reu - Google Search

google.com/search?q=nsf+reu&sca_esv=578342121&authuser=1&source=hp&ei=8aBBZbDbD7DF0PEPns296Aw&iflsig=AO6bgOgAAAAAZUGvARzk0BvKtRFNSb66pAVz7xHTD5RJ&ved=0ahUKEwjwl6XQyqGCAXWwljQIHZ5mD80Q4dUDCA0&...

nsf reu

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About 2,090,000 results (0.31 seconds)

National Science Foundation (.gov)
<https://www.nsf.gov/crssprgm/reu>

REU - For Students | NSF - National Science Foundation
For students. NSF funds a large number of research opportunities for undergraduate students through its REU Sites program. An REU Site consists of a group of ...

Search for an REU Site
Biological Sciences - Engineering - Chemistry - Physics - ...

Research Experiences for
Synopsis · REU Sites are based on independent proposals to ...

List of REU sites
NSF's mission is to advance the progress of science, a mission ...

For Faculty
Investigators with an active NSF research award may request an ...

[More results from nsf.gov »](#)

People also ask :

Are NSF REU competitive?

How prestigious is an NSF REU?

Who is eligible for NSF REU program?

What does NSF REU stand for?

Feedback

National Science Foundation (.gov)
<https://www.nsf.gov/pubs/nsf19582/nsf19582>

Research Experiences for Undergraduates (REU) (nsf19582)

Things to know

How to get
How to get undergraduate research experience?

Overview
What is research experience for undergraduates?

Examples
What are examples of research experience?

Qualifications
What qualifies as research experience?

Feedback

REU - For Students | NSF - National Science Foundation

An official website of the United States government [Here's how you know](#)

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Home > Research Areas

Email Print Share

For Students

NSF funds a large number of research opportunities for undergraduate students through its REU Sites program. An REU Site consists of a group of ten or so undergraduates who work in the research programs of the host institution. Each student is associated with a specific research project, where he/she works closely with the faculty and other researchers. Students are granted stipends and, in many cases, assistance with housing and travel. Undergraduate students supported with NSF funds must be citizens or permanent residents of the United States or its possessions. An REU Site may be at either a US or foreign location.

By using the web page, [Search for an REU Site](#), you may examine opportunities in the subject areas supported by various NSF units. Also, you may search by keywords to identify sites in particular research areas or with certain features, such as a particular location.

Students must contact the individual sites for information and application materials. NSF does not have application materials and does not select student participants. A contact person and contact information is listed for each site.

Feedback 



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Search for an REU Site | NSF - [+](#)

nsf.gov/crssprgm/reu/reu_search.jsp

An official website of the United States government [Here's how you know](#)

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Research Experiences for Undergraduates (REU)

REU Program Overview

Program Solicitation

For Students

Search for an REU Site

For Faculty

REU Contacts

Search for an REU Site

Astronomical Sciences

Atmospheric and Geospace Sciences

Biological Sciences

Chemistry

Computer and Information Science and Engineering

Cyberinfrastructure

Department of Defense (DoD)

Earth Sciences

Engineering

Ethics and Values Studies

International Science and Engineering

Materials Research

Mathematical Sciences

Ocean Sciences

Physics

Polar Programs

Small Business Innovation Research (SBIR)

Social, Behavioral, and Economic Sciences

STEM Education

SEARCH BY RESEARCH AREAS/KEYWORDS:

Enter full or partial research areas/keywords separated by commas:
(e.g. geophysics, ecology, nano, robot, ethics)

And/Or State:

Feedback

REU Sites | NSF - National Science Foundation

An official website of the United States government [Here's how you know](#)

Search NSF

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REU Sites

REU Sites: Biological Sciences

APPLICATIONS: Students must contact the individual site or program to apply. NSF does not have application materials and does not select student participants.

ELIGIBILITY: Individual sites may have additional eligibility requirements (e.g., number of undergraduate years completed). Undergraduate student participants supported with NSF funds must be citizens or permanent residents of the United States or its possessions. High school graduates who have not yet enrolled, and students who have already received their bachelor's degrees, are not eligible.

ADDITIONAL INFORMATION: Click on the Title of the Site in the "Site Information" column to go to the homepage (if available) for that Site. Sites are ordered alphabetically by host institution. All Sites provide stipends, housing and meals, in addition to travel to and from the Site. This listing will change as new REU Site awards are made. Sites are added or deleted as decisions are made on awards, and the list is updated periodically. Clicking on a highlighted site title should direct you to the web page for more information on that program.

Please report errors in the list below by writing to reu.bio@nsf.gov.

Search Again

Export results: [CSV](#) | [Excel](#) | [XML](#)

Show

Showing 1 to 30 of 152 | [1](#) [2](#) [3](#) [4](#) [5](#)

Site Information	Site Location	Contact Information	Additional Information
Alabama State University REU Site: Research & Training in Multidisciplinary field of Regenerative Sciences for Undergraduates Biological Sciences	Montgomery, Alabama	Primary: Komal Vig (334) 604-8189 komalvig@alasu.edu Secondary: Shree Singh (334) 604-9160 ssingh@alasu.edu	Research Topics/Keywords: Biology, Biosciences, Biomedical Engineering, Chemistry, Physics Abstract of Award
American Museum of Natural History REU SITE: Systematics, Evolution and Conservation for the 21st Century	New York, New York	Primary: Cheryl Hayashi (212) 769-5073 chayashi@amnh.org	Research Topics/Keywords: Biosciences, phylogeny, systematics, evolution, conservation, paleontology, neontology, museum, invertebrate, vertebrate, genomics,

Feedback

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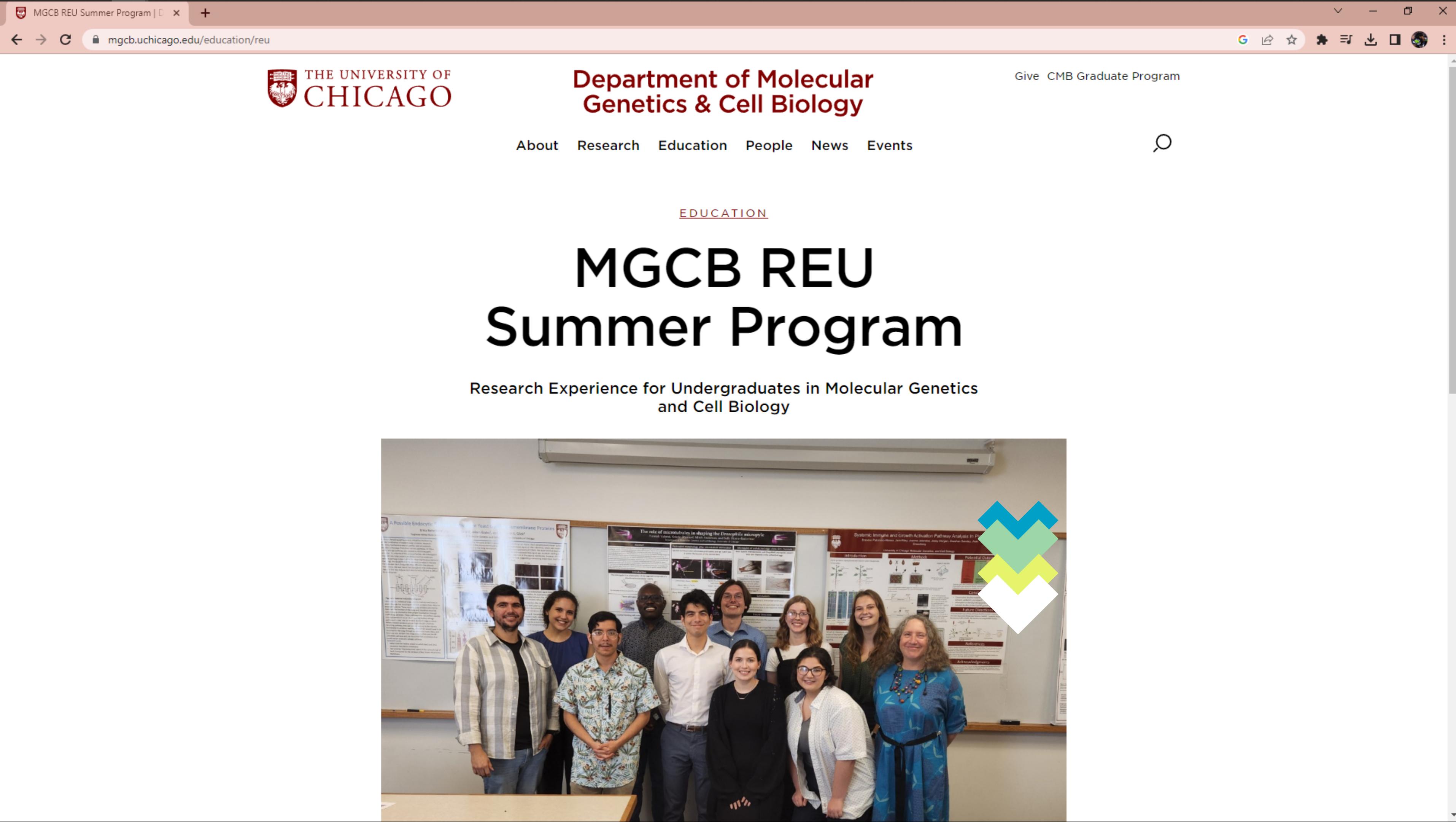
Show 30

Showing 1 to 30 of 152 | 1 2 3 4 5 Next >



Site Information	Site Location	Contact Information	Additional Information
Alabama State University REU Site: Research & Training in Multidisciplinary field of Regenerative Sciences for Undergraduates Biological Sciences	Montgomery, Alabama	Primary: Komal Vig (334) 604-8189 komalvig@alasu.edu Secondary: Shree Singh (334) 604-9160 ssingh@alasu.edu	Research Topics/Keywords: Biology, Biosciences, Biomedical Engineering, Chemistry, Physics Abstract of Award
American Museum of Natural History REU SITE: Systematics, Evolution and Conservation for the 21st Century	New York, New York	Primary: Cheryl Hayashi (212) 769-5073 chayashi@amnh.org Secondary: John Flynn (212) 769-5806 dean-rggs@amnh.org	Research Topics/Keywords: Biosciences, phylogeny, systematics, evolution, conservation, paleontology, neontology, museum, invertebrate, vertebrate, genomics, morphology Comments: Additional contact: Maria Rios mrios@amnh.org Abstract of Award
Auburn University REU Site: Warm-water aquatic ecology Fisheries, Aquaculture, and Aquatic Sciences	Auburn, Alabama	Primary: Alan Wilson (334) 246-1120 wilson@auburn.edu	Research Topics/Keywords: biology, biosciences, ecology, limnology, fisheries management, evolution, molecular biology, microbiology, invasive species, behavior, statistics, restoration, modeling, hydrology, remote sensing Abstract of Award
Binghamton University REU Site: Early Collaborative Research Experience in Microbial Biofilm Development, Resistance, & Community Structure Department of Biological Sciences	Binghamton, New York	Primary: Caitlin Light (607) 777-5523 clight@binghamton.edu Secondary: Karin Sauer (607) 777-3157 ksauer@binghamton.edu	Research Topics/Keywords: Biosciences, Biofilms, Microbiology, Bacteriology, Molecular Biology Abstract of Award
Boise State University REU Site: Raptor Research Raptor Research Center	Boise, Idaho	Primary: Jim Belthoff (208) 426-4033 jbeltho@boisestate.edu	Research Topics/Keywords: Biosciences, ecology, behavior, population biology, community ecology, wildlife management, anthropogenic impacts, parasitology, conservation, predator-prey dynamics. Abstract of Award
Borough of Manhattan Community College , The City University of New York REU Site: Advancing Undergraduate Research Among Minorities in Plant Biology Enrolled in an Urban Community College Science Department	New York, New York	Primary: Adolfina Koroch (212) 220-8000 akoroch@bmcc.cuny.edu Secondary: Alexander Gosslau (212) 220-8000 agosslau@bmcc.cuny.edu	Research Topics/Keywords: natural extracts, biological activity, antioxidants, gene regulation, oxidative stress, bioscience Abstract of Award

REU Sites NSF - National Science Foundation			
nsf.gov/crssprgm/reu/list_result.jsp?unitid=5047&d-8001259-p=4			
University of Central Florida REU Site: Conservation, Restoration and Communication Biology	Orlando, Florida	Primary: Linda Walters (407) 823-2148 linda.walters@ucf.edu Secondary: Kate Mansfield (407) 823-4432 kate.mansfield@ucf.edu	Research Topics/Keywords: Biosciences, biodiversity, conservation, restoration, communication, ecology, evolution, vertebrates, invertebrates, plants, endangered species, invasive species, animal behavior, animal tracking Comments: UCF REU Coordinator: Darya Farsinejad, email: darya.farsinejad@ucf.edu , phone: 407-823-1797 Abstract of Award
University of Central Oklahoma REU Site: Pollinators, Climate Change, and the Aegean Archipelago Biology	Edmond, Oklahoma	Primary: Charlotte Simmons (405) 974-2538 cksimmons@uco.edu Secondary: Charles Abramson (405) 744-7492 charles.abramson@okstate.edu	Research Topics/Keywords: Behavioral Studies; Biodiversity; Physiological Ecology, and Biological Invasions; Ecosystem Change Comments: Inquiries: reu@uco.edu Abstract of Award Cofunded: International Science and Engineering
University of Chicago REU Site in Molecular Genetics and Cell Biology at University of Chicago Molecular Genetics and Cell Biology	Chicago, Illinois	Primary: Aaron Turkewitz (773) 702-4374 apturkew@uchicago.edu Secondary: Lucia B Rothman Denes (773) 702-1083 lbd@uchicago.edu	Research Topics/Keywords: Biosciences, cell biology, developmental biology, molecular biology, plant biology, host-parasite, prokaryotic biology, computational biology, systems biology Comments: coordinator: Catherine Will (cwill@bsd.uchicago.edu) Abstract of Award
University of Cincinnati REU Site: Sensory Ecology: An Integrative Approach Biological Sciences	Cincinnati, Ohio	Primary: Stephanie Rollmann (513) 556-9729 stephanie.rollmann@uc.edu Secondary: John Layne (513) 556-9718 john.layne@uc.edu	Research Topics/Keywords: Biosciences, biology, animal behavior, behavioral ecology, ecology, evolution, neurobiology, neuroscience, molecular, sensory ecology Abstract of Award
University of Connecticut REU Site: Research Experiences in Physiology and Neurobiology at UCONN Physiology and Neurobiology	Storrs, Connecticut	Primary: Xinnian Chen (860) 486-6169 xinnian.chen@uconn.edu Secondary: Anastasios Tzingounis (860) 486-7916 anastasios.tzingounis@uconn.edu	Research Topics/Keywords: biology, biosciences, physiology, developmental neurobiology, respiratory physiology, synaptic plasticity, neural circuits, molecular and cell biology, bioinformatics, computational biology Abstract of Award
University of Connecticut REU Site Mystic Aquarium: Collaborative Research: Plankton to Whales: Consequences of Global Change within Marine Ecosystems Ecology and Evolutionary Biology	Storrs, Connecticut	Primary: Michael Finiguerra (860) 405-9082 michael.finiguerra@uconn.edu	Research Topics/Keywords: biology, biosciences, marine biology, marine science, animal physiology, ecology, animal behavior, immunology, cell biology Comments: Contact: Michael Finiguerra (michael.finiguerra@uconn.edu) Abstract of Award
University of Florida REU Site: Marine Biodiversity: lessons from molecules, development and behavior Whitney Laboratory for Marine Bioscience	Saint Augustine, Florida	Primary: Joseph Ryan (904) 201-8426 joseph.ryan@whitney.ufl.edu Secondary: Elaine Seaver (904) 201-8449 seaver@whitney.ufl.edu	Research Topics/Keywords: biology, biosciences, evolution, marine biology, neurobiology, embryology, genomics, coastal ecology, biomechanics, locomotion, molecular biology, biogeochemistry Comments: Coordinator: Brenda Cannalato (brenda@whitney.ufl.edu)



Department of Molecular Genetics & Cell Biology

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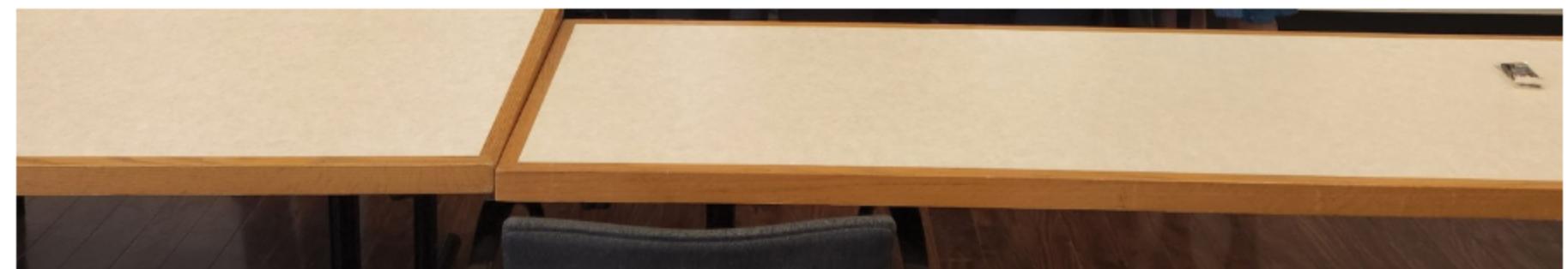


EDUCATION

MGCB REU Summer Program

Research Experience for Undergraduates in Molecular Genetics
and Cell Biology





The Program

Location

Research Projects

Eligibility

2023 Application and Notification Deadlines

The link to complete an application is below. The application deadline is February 6, 2023, and successful candidates will be contacted during February-March.

Application link: <https://apply-grad.uchicago.edu/apply/sumr>

Move-in will take place on Date TBD. The program will run for 10 weeks with a start date spanning the 6-13 June interval; please check back for updates.

For more information, please contact [Aaron Turkewitz](#).



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Application Management

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Application Management

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Joao Tsai Silva Logout

UChicago GRAD

Graduate Admissions

Application Management

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You have not yet started an application using this account.			

[Start New Application](#)

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UMass Amherst

<https://www.umass.edu/undergraduate-research/wil...> ::

[William Lee Science Impact Program \(Lee SIP\) ✓](#)

The **Lee SIP** offers highly competitive fellowships to selected applicants. Fellows receive a stipend of \$400/week (full time), \$200 for research supplies, and on ...



UMass Amherst

<https://secure.cns.umass.edu/webforms/lee-sip-appl...> ::

[William Lee Science Impact Program \(Lee-SIP\) Application ✓](#)

The deadline to apply for the William **Lee Science Impact Program** is February 14, 2023 at 11:59 p.m.. All application materials will be confidential.

People also ask ::

Why is UMass Amherst famous?



What do people call UMass Amherst?



Is UMass Amherst worth it?

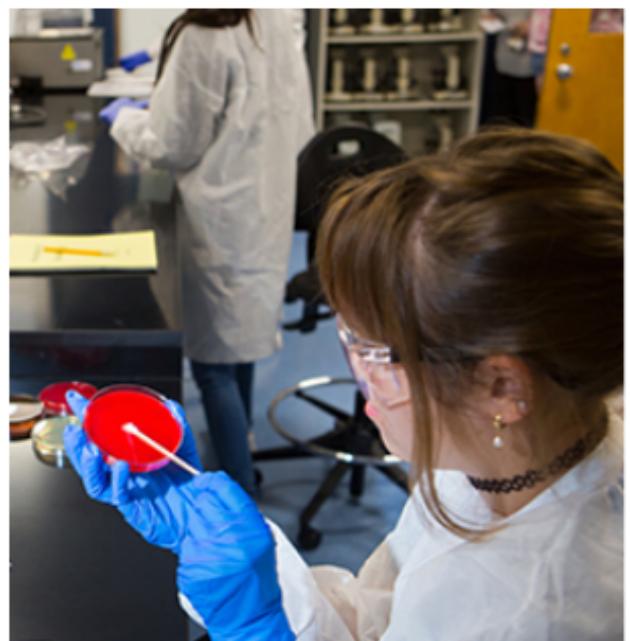


What is the summer research program at UMass Amherst?





William Lee Science Impact Program (Lee SIP)



◀ Undergraduate Research

William Lee Science Impact Program

Dr. Tracie Moniece Gibson Scholar Program

experiences. Therefore, each Lee SIP scholar is expected to continue their research beyond the summer and into the next academic year.

How are recommendation letters submitted?

Recommenders will directly submit letters into the system.

Application Instructions

The application must be completed online. Students are responsible for completing and uploading a completed application and an unofficial transcript. Applicants must also provide the email address of a UMass faculty member or staff advisor who will provide a letter of support separately. After the letter of support has been uploaded, the applicant will be notified by email.

Applications are closed.

Program Contacts

Syde Orange

Associate Director, CNS Student Success and Diversity

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Make your profile stand out

Add key information to match with the most relevant jobs and opportunities.



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Get face time with reps at Dana-Farber Cancer Institute Research Technician Careers Virtual Information Sessions.



University of Massachusetts Amherst Career Center →

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Attend group sessions and events to learn things about companies you can't get online.

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Location

On-site/remote

Full-time job

Intern >

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25.6K jobs found

Relevance

Fresh Full-time · Internship

Intern, Information Technology

Biogen

On-site · Cambridge, MA

Full-time · Job

Research Assistant (Bando Lab)

Dana-Farber Cancer Institute

On-site · Boston, MA

Fresh Full-time · Internship

Undergrad Intern - Operations Program (Summer 2024)...

Amen

Fresh

Full-Time · Internship

Intern, Information Technology

Biogen

On-site · Cambridge, MA

About the role

Application deadline

May 1, 2024 6:00 AM

Posted date

November 1, 2023

Seasonal role

(6/3/24 - 8/16/24)

Location type

US work authorization

On-site

Accepts OPT/CPT

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Fresh Full-time · Internship**Intern, Information Technology**

Biogen

On-site · Cambridge, MA

Full-time · Job

Research Assistant (Bando Lab)

Dana-Farber Cancer Institute

On-site · Boston, MA

Full-time · Internship

Co-op Research Associate, Cell Biology or...

Monte Rosa Therapeutics

Filters**Job type**

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Part-Time

Internship

On-Campus

Job

+ More

 Work study Interviewing on campus**Pay**

Paid

Unpaid

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Seasonal role

(6/3/24 - 8/16/24)

On-site

Accepts OPT/CPT

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Collections



Location · 1

On-site/remote

Full-time job

Internship

Part-time

All filters · 1

1.2K jobs found

Relevance

Don't miss out!

New jobs are getting added all the time.

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Fresh Full-time · Internship

Intern, Information Technology

Biogen

On-site · Cambridge, MA

Part-time · Internship · Unpaid

Clinical Research Intern

Massachusetts General Hospital - ...

Remote · Boston, MA

Full-time · Internship

Co-op Research Associate

Cell Biology



Fresh

Full-Time · Internship

Intern, Information Technology

Biogen

On-site · Cambridge, MA

About the role

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[Apply Externally](#)



Feel free to
chat with us!

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