

UPBM E-NEWSLETTER

Undergraduate Program in Biology and Medicine



Photo taken from Welcome to Rochester, Class of 2023

Welcome back everyone! We hope you all were able to relax and rejuvenate during the summer break.

Learned something interesting this summer? Travelled abroad and want to talk about your experiences? Been recognized for your academic achievements? We want to hear from you! Email your story and picture submissions to marcella.sherlock@rochester.edu and you could be featured in future editions of the UPBM e-newsletter!

Please visit our **Department Newsletter** link to learn more about what's been going on over the summer and to read up on some of our recent grads!

This year's incoming class of 2023 consists of 1,396 students coming from 44 states and 65 different countries. We can't wait to see all the great things you'll do during your time in Rochester!

Quick Links

- * [UPBM Website](#)
- * [UPBM E-News Archive](#)
- * [Department Website](#)
- * [Department Contact Information](#)
- * [Department Newsletter](#)

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de Kiewiet Summer Fellowship

The de Kiewiet Summer Fellowship is a 10-week program during the summer in which student fellows work directly in a lab with their research mentor. They receive a \$4,000 stipend and create/present a poster of their findings during the UPBM Poster session the following October.

The project must focus on the biological sciences and cannot be clinical in nature.

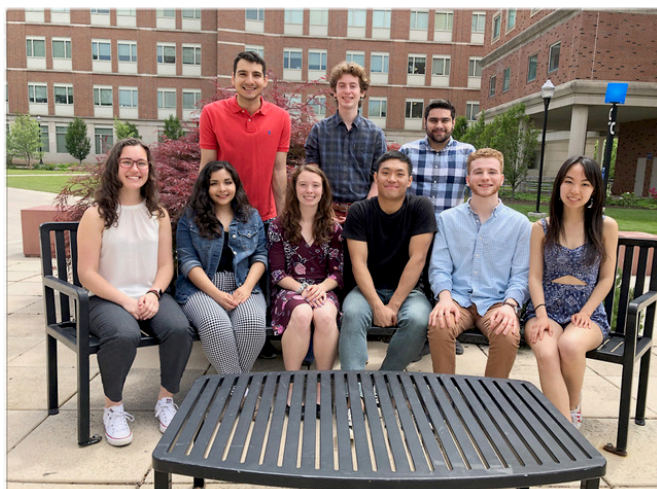
Anyone who is a declared UPBM major who is in their junior year may apply.

To Apply:

1. Find a research mentor that is part of the UR teaching faculty
2. Submit [Intent to Apply](#) form online by March 2nd.
3. Prepare the following 3 documents and upload them by March 16th:
 - Formal Scientific Research Proposal
 - Relevant Professional Experience Summary
 - Research and Career Goals Summary
4. Have your research mentor and another faculty member write a letter of support to the UPBM Committee. Faculty should email this to BioDeptUgOffice@ur.rochester.edu by 3/16.
5. Have research mentor prepare a [Statement of Authorship](#) and email it to BioDeptUgOffice@ur.rochester.edu by 3/16.

For more detailed information please visit the [de Kiewiet Summer Research Fellowships](#) page.

de Kiewiet Summer Fellows 2019



Kamel Awayda BBC '20 Sponsor: Mitchell O'Connell Biochemistry and Biophysics	"Characterization of THUMP Domain-Containing Protein 1 (THUMPD1), a Putative Regulator of RNA Modification"
Daniel Barnett BNS '20 Sponsor: HouHui Xia Pharmacology and Physiology	"The Mechanism of PP1B in Synaptic Transmission"
Michaela Burrell BEB '20 Sponsor: James Fry Biology	"Examining the Effects of Sub-Lethal Ethanol Exposure on the Mating Behaviors and Success of Drosophila melanogaster"
Paula Guerra BBC '20 Sponsor: Sina Ghaemmaghami Biology	"Proteome Wide Identification of Substrates for Oxygenases"
Yifei Lin BIO '20 Sponsor: Vera Gorbunova Biology	"Centenarian SIRT6 in Cancer Cells"
Melissa Proven BMB '20 Sponsor: Dragony Fu Biology	"Characterization of Novel Mutations in the Human ADAT3 Gene, Causing Intellectual Disability"
Yongsoo Ra BNS/CSC '20 Sponsor: Gregory DeAngelis Neuroscience	"Origin of Dynamic Perspective Signals in the Macaque Brain"
Alexandre Trapp BCB '20 Sponsor: Andrei Seluanov Biology	"Long-Term Culture and Transcriptional Profiling of Naked Mole-Rat Hematopoietic Stem Cells"
Austin Varela BCB/DCS '20 Sponsor: John Werren Biology	"Applying Evolutionary Rate Correlation to Identify Protein Interactions"

BIO 228A & B iGem Informational Meeting & Luncheon

iGEM is the International Genetically Engineered Machines Competition. This year the University of Rochester will be forming its first team to compete in Spring 2020.

Dr. Anne Meyer, Ph.D. Associate Professor has taken up the task of being the teams mentor and project lead.

For those who don't know, iGEM is the world's largest synthetic biology competition, in which over 300 teams from around the world compete. The purpose is for teams to engineer a new function for a living organism that would solve real-world problems.

The course is going to be offered as two 4-credit courses, one in the Spring semester and the other the following Fall. The iGEM activities will be continuously running between February and November. The pilot run for this course and the iGEM team will take place in the Spring 2020 semester.

These courses may be used to fulfill requirements for some biology majors. Check with your advisor to see if this is applicable for you!

INFORMATIONAL MEETING & LUNCHEON

Anyone interested in learning more about the courses and team are encouraged to visit the **iGEM Informational PDF** page and attend the informational meeting. Details are as follows:

Date: Thursday October 3rd

Time: Noon - 2pm

Location: Douglass 407

Lunch will be provided

Please RSVP at the following link!

iGEM Luncheon Sign-Up



Image taken from iGEM 2018

Fall 2019 Seminar Schedule

Tuesday, September 24th, 2019	Dr. Brian J. Altman, URM "Health around the clock: human circadian rhythm in health and disease" Rochester Science Cafe, Pittsford Barnes & Noble 7 p.m.
Friday, September 27th, 2019	Dr. Marc Branham, University of Florida "The Evolution of bioluminescent signals in fireflies" Hutchison 316 3 p.m.
Monday, September 30th, 2019	Dr. Erica Larson, University of Denver "The evolution of polymorphic hybrid male sterility in house mice" Lander Auditorium - Hutchison 140 Noon
Friday, October 4th, 2019	Yue Ren, University of Rochester "Regulation of mast cell sub-phenotype and its impact on pulmonary microvasculature structure" Hutchison 473 12:45 p.m. PhD Thesis Defense
Monday, October 7th, 2019	Dr. Kate O'Connor-Giles, Brown University "Genetic dissection of synapse formation, function, and plasticity" Lander Auditorium - Hutchison 140 Noon
Friday, October 11th, 2019	Dr. Robert Minckley, University of Rochester "TBA" Hutchison 316 3 p.m.
Monday, October 14th, 2019	Dr. Joshua Shaevitz, Princeton University "Self-driven phase transitions in bacterial populations" Lander Auditorium - Hutchison 140 Noon
Friday, October 18th, 2019	Dr. Andrew Moeller, Cornell University "The evolution of the mammalian gut microbiome" Hutchison 316 3 p.m.

Monday, October 21st, 2019	Dr. Dragony Fu, University of Rochester "Targets and Functions of RNA modification enzymes" Lander Auditorium - Hutchison 140
Tuesday, October 22nd, 2019	Dr. Anne S. Meyer, University of Rochester "Bacterial seashells: How to build your environment using bacteria" Rochester Science Cafe, Pittsford Barnes & Noble 7 p.m.
Monday October 28th, 2019	Dr. Celina Juliano, UC Davis "Mechanisms of development and regeneration in Hydra" Lander Auditorium - Hutchison 140
Friday, November 1st, 2019	Dr. Andrew McAdam, University of Guelph "Evolution in a social context: Lessons from a longer-term study of wild red squirrels" Hutchison 316 3 p.m.
Monday, November 4th, 2019	Dr. Stephanie Weber, McGill University "No membrane, no problem: Condensing bacterial organelles" Lander Auditorium - Hutchison 140 Noon
Friday, November 8th, 2019	Dr. Chelsea Specht, Cornell University "Genetic diversity and the evolution of form and function: Exploring the monocots from Allium to Zingiber" Hutchison 316 3 p.m.
Monday, November 11, 2019	Dr. Heather Hundley, Indiana University "Regulation and impacts of RNA editing on the neural transcriptome" Lander Auditorium - Hutchison 140 Noon
Friday, November 15th, 2019	Dr. Beatriz Navarro Dominguez, University of Rochester "TBA" Hutchison 316 3 p.m.
Monday, November 18th, 2019	Dr. Mia Levine, University of Pennsylvania "Intragenomic conflict shapes telomere evolution" Lander Auditorium - Hutchison 140 Noon

Tuesday, November 26th, 2019	Dr. Edmund Lalor, University of Rochester "Perception as controlled hallucination" Rochester Science Cafe, Pittsford Barnes & Noble 7 p.m.
Monday, December 2nd, 2019	Dr. Xin Li, URM, Department of Biochemistry and Biophysics "The piRNA pathway in genome defense and fertility" Lander Auditorium - Hutchison 140 Noon
Monday, December 9th, 2019	Dr. Nicole Crown, Case Western Reserve University "The effects of local inversion heterozygosity on genome-wide recombination rates" Lander Auditorium - Hutchison 140 Noon

Schedule subject to change. Please visit the [Biology Seminars](#) link for up-to-date information.

Peer Advisors 2019-2020

Peer Advisors are senior students chosen and trained by College Center for Advising Services. These undergraduate students are here to help other students make connections with faculty, offer academic advice, and be a guide for those who may be a little lost.

If you want to become a peer advisor or have any general questions, please visit the [College Center for Advising Services](#) webpage, email them at peeradvising@rochester.edu, or stop into their office located in 312 Lattimore Hall.

This years UPBM Peer Advisors:

Adit Ganguly

Major: Biochemistry

agangul3@u.rochester.edu

Maxxum Fioriti

Major: Molecular Genetics

mfioriti@u.rochester.edu

Lindsay Hall

Major: Computational Biology

lhall15@u.rochester.edu

Maia Fefer

Major: Biochemistry

mfefer@u.rochester.edu

Yifei (Sylvia) Lin

Major: Biology

ylin69@u.rochester.edu

Michaela Burrell

Major: Biology

mburrell5@u.rochester.edu

Arokoruba Cheetham-West

Major: Biological Sciences:

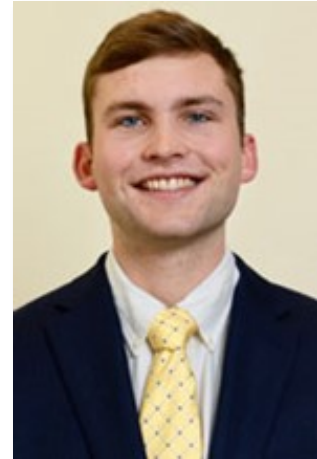
Neuroscience

acheetha@u.rochester.edu

Email UPBMPeerAdvisers@ur.rochester.edu for more information or feel free to contact them individually

Student Spotlight :Garrett Renslow

Senior student Garrett Renslow was selected as a Google Cloud 1st Team Academic All-American® in NCAA Division III. Renslow is a pitcher for the University's baseball team.



Garrett's achievement is only the second time in history for a UR baseball team member to be selected for 1st Team. Robert Cerfolio was named a 1st Team member in 1985. Six other UR baseball players have received Academic All-American honors.

Renslow's junior year season was quite a success. He finished with a 6-3 record. He had one save and his ERA was 2.21. He started 9



games and had 13 total appearances. He ended the season with 62 strikeouts and even was the cause of the school's 5th no-hitter game.

Off the field, Renslow double-majors in Neuroscience and Psychology. He has a 3.97

GPA and is a member of the Dean's list and has been every semester that he has attended the University. He is a TA, a UR Provost Circle Scholar, has two scholarships, and has volunteered at Strong Memorial Hospital as well as the Albany Medical Center.

Society for Undergraduate Biology Students

"Our purpose is to promote faculty-student interaction, to serve as a guiding force for Biology majors/interests, provide networking opportunities through events, and to cater to the needs of the membership through member input."

Membership allows students to have a better connection with professors through research panels, luncheons, and even volleyball. There are weekly study groups and membership would allow for research shadowing program eligibility.

Head to the [SUBS website](#) to join or find out more information!

Senior Slideshow Photo Submission

College is about making memories that will last a lifetime. One of the best ways to capture these memories is through photos. During the Biology Department Diploma Ceremony we present a senior slideshow so we can reminisce on all the fun times you've had during your years here at the University.

We would love to have you all submit photos of you and your friends!

Please email any photos you would like submitted to **Marcie Sherlock** in the UPBM office.

Click to view **May's Graduation Slideshow**

Transfer Credits

Transfer student with credit from previous universities? Took a biology course over the summer? Looking to take courses while studying abroad? These could all lead to you receiving transfer credit here at the University.

Be sure to get a copy of the syllabi for the course you took or intend to take so that it may be evaluated and approved. For students studying abroad, the Study Abroad office will be able to give you information on course offerings.

Please visit the **Transfer Credit Process** webpage for more information on the transfer credit process for UPBM majors.

Center for Excellence in Teaching and Learning

Location: 1-154 Dewey Hall
Contact: (585)-275-9049 or cetl@rochester.edu

Their purpose for undergraduate students is to have resources that support your academic success. They offer study groups, course-specific workshops, study areas, and study skills. They also offer academic honesty support for students, as well as parents, faculty, and staff.

Students can also become tutors, study group leaders, or study skills consultants.

Head to the [CETL website](#) for more information!

Congratulations to Sina Ghaemmaghami on being appointed to the Director of Undergraduate Research!

Sina, an associate professor of Biology, will take over for Steve Manly, who stepped down after 11 years holding the position. In 2017 he won a Goergen Award for Excellence in Undergraduate Teaching. He has excelled in teaching varying class sizes and has mentored many students within his own lab.

Ghaemmaghami hopes to more effectively connect students with research opportunities, and allow them more chances to present and publicize their findings.

Click here to read more of [Sina's interview](#) on the Rochester webpage!

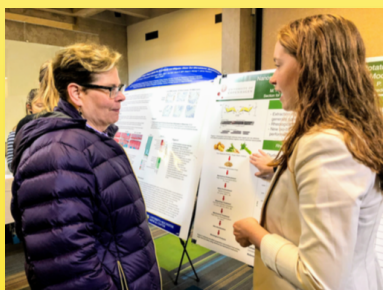


UPBM Poster Session

The Annual UPBM Poster Session will be held on Friday October 4th, 2019 from 4:30 - 6pm in the Goergen Atrium

Students must be an officially declared UPBM major to participate. It is a great way to gain presentation experience and network!

Any students interested will need to get permission from their research mentor, create their poster, and submit their information to the [UPBM Poster Session Online Form](#). **(Deadline is 9/13/2019)**



Please email BioDeptUgOffice@ur.rochester.edu if you are a research mentor giving a student permission to present **(Deadline is 9/30/19)**

Everyone is welcome to attend this event. We encourage you to reach out to friends, parents, faculty, and alumni so that they too can attend. Refreshments will be provided as well!

Independent Research Biological Sciences 395 Courses

Have a research topic in mind and want to get academic credit for it? Take an independent research course this year! The course is available for either 2, 3, or 4 credits.

Steps:

1. Find a research mentor and develop a course description
2. Fill out the online **UPBM Pre-Registration Form**
3. Submit the **CCAS Independent Study Form**

Important deadlines for Fall 2019:

4 Credit 395 Courses:

- Must start course by 9/6
- Submit Online UPBM Pre-Registration Form by 9/13
- Submit CCAS Independent Study Form by 9/18

3 Credit 395 Course:

- Must start course by 9/27
- Submit Online UPBM Pre-Registration Form by 10/4
- Submit CCAS Independent Study Form by 10/9

2 Credit 395 Course:

- Must start course by 10/11
- Submit UPBM Pre-Registration Form by 10/18
- Submit CCAS Independent Study form by 10/23

Important deadlines for Spring 2020:

4 Credit 395 Courses:

- Must start course by 1/24
- Submit UPBM Pre-Registration form by 1/31
- Submit CCAS Independent Study Form by 2/8

3 Credit 395 Course:

- Must start course by Friday 2/7
- Submit UPBM Pre-Registration Form by 2/14
- Submit CCAS Independent Study Form by 2/21

2 Credit 395 Course:

- Must start course by 3/6
- Submit UPBM Pre-Registration Form by 3/13
- Submit CCAS Independent Study Form by 3/20

For more detailed information visit our **Independent Research** webpage!

Honors in Research / Defending a Senior Thesis

If you are a senior UPBM student with a 2.7 GPA and have research you would like to present, you can apply for the Honors in Research program.

To qualify, you must have "a novel body of work that includes publication-quality data from which to generate a senior thesis." If chose, candidates would need to defend their thesis before a faculty examination committee.

Upon completion, the student would have "Honors in Research" noted on their transcript and be given a certificate at their diploma ceremony.

Students must submit an **Application for Candidacy** by **March 2nd, 2020**. If you are a T-5 student, you may apply for this during your 5th year.

The thesis paper must be at least 20 pages, written as a scientific paper, and be properly referenced. The committee members and the UPBM Administrator must be provided copies of the paper prior to the thesis defense. The results from the committee must be submitted to the UPBM office in writing by the **end of the first week of May**.

For more information, visit the **Honors in Research** page on our website!



Tips for BIO Majors Who Want to Study Abroad

Declare major and create a tentative schedule to identify the best semesters to travel abroad.

BIO students on average take 1 – 2 electives that will need to be evaluated and approved before studying abroad.

Students who intend to major within the biological sciences need to meet with the program manager first to set-up a tentative schedule before meeting with the track advisors of their intended major.

Biological Science Major Declaration Contact Information:

BA Biology
 BS Biochemistry
 BS Computational Biology
 BS Ecology and Evolutionary Biology
 BS Cell and Developmental Biology
 BS Microbiology
 BS Molecular Genetics

*Contact Program Manager Marianne Arcoraci to set-up a tentative schedule before meeting with the faculty advisor of intended major
 To book an appointment visit: <https://upbm.simplybook.me/index/about>

BS Neuroscience

*Contact UG coordinator Melinda Adelman before meeting with the faculty advisor of intended major
 To book an appointment visit: <https://rochesterbcs.youcanbook.me>

Research programs that fit your needs & interests

- Meet with the study abroad office
- Get details on programs in the "UR There" brochure
- Popular BIO Programs to investigate:
 - U of R Biology Galapagos Program (Ecuador) – **New Fall 20**
 - The University of Western Australia (Australia)
 - IES University of Sydney (Australia)
 - University of Sydney (Australia)
 - Danish Institute for Study Abroad (Denmark)
 - IES Abroad Quito/Galapagos (Ecuador)
 - IES Abroad London (England)
 - Queen Mary University of London (England)
 - Seoul National University (Korea)
 - IES Abroad Auckland (New Zealand)

Find out which courses will be offered during the semester of planned visit. Once students narrow down which courses they would like to take abroad they need to have them evaluated for equivalency to UR courses , or for use as a 200-level biology elective, or for general college credit.

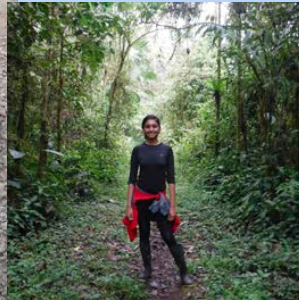
1. Email program manager (marianne.arcoraci@rochester.edu) see if the same course number has been approved in the past. Be sure to include institution name, course number, and title.
2. If not, get course syllabi from the institution and fill out "Bio transfer credit evaluation form" available online at <https://form.jotform.com/92163302128145>. Please note that a full syllabus is required. Course descriptions do not contain enough information for faculty to properly evaluate. To get syllabus visit website or contact institutions biology department or instructor. The syllabus from the last semester it was offered should suffice.
3. Once approved the UPBM will send a copy of the course approval form the student
4. Print out course approval and set-up a time to review with a faculty advisor to obtain major permission to apply to major. Advisor will need to print name and initial under the column labeled "Major Approval."
5. Once approved contact program manager with a copy for departmental student records
6. Drop off signed course approval form to CCAS in Lattimore 312

BIOLOGY IN GALAPAGOS

FALL 2020

Spend the *entire* semester in Ecuador

- Five days in the heart of the Amazon
- Seven weeks in the Andean highlands
- Eleven weeks in Galápagos



Fulfill Biology requirements and electives

Immersive cultural experience



Director: Dr. Floria Uy
New faculty at the Department of Biology in Spring of 2020
floria.uy@tropbiolab.org

Application deadline: March 2, 2020

For more information, head to the **Galapagos sign-up** here!

UPBM Pizza Lunch and Awards May 2nd, 2019

Congratulations to the Rigby Wile award winners!
Perri Goldberg '22
Akhil Kholwadwala '22
Kevin Li '22
Tuan Minh Pham '22
Caitlin Quinn '22
Justin Yu '22



Congratulations to the Catherine Block Award Memorial Prize winners!
Paula Guerra '20
Melissa Proven '20
Colleen Maillie '20



Important BIO Course Scheduling Changes

BIO 206- Eukaryotic Genomes
Now offered in the **FALL** semester

BIO 219L - Genomics of Quantitative Traits with Lab
Now offered in the **SPRING** semester

BIO 263 - Ecology
Now offered in the **SPRING** semester

Keep an eye out on the **UPBM webpage** for updated course information

Opportunities Spotlight

ScribeAmerica - Medical Scribe

ScribeAmerica hires and provides training for those interested in having a career in medicine. Training is paid for and prepares candidates to become medical scribes.

Medical Scribes work directly in a medical department and have one-on-one interaction with board certified physicians. It is a great chance to get exposure to all aspects of a medical department.

If this sounds interesting to you, visit www.ScribeAmerica.com for more information.

To apply, click the "Careers" tab and then hit "Apply Now." Look for (Scribe - Rochester / Brockport / Geneseo)

Fulbright U.S. Student Program

The Fulbright U.S. Student Program offers "grants for individually designed study/research projects to over 140 countries and regions, or English Teaching Assistantships in selected countries." The length and amount of the grant will vary depending on the country.

Eligibility requirements: U.S. citizenship, B.A. degree conferred before the start of the grant, good health, and written and oral proficiency in the language of the host country. (Creative and performing arts students will have to have 4 years of prior professional training/experience)

For more information and detailed application instructions specific to the University of Rochester, please visit the **Fulbright Grant Program** webpage.

Opportunities Spotlight

NSF Graduate Research Fellowship Program

The NSF Graduate Research Fellowship Program supports graduate students in NSF- supported fields who are pursuing researched based degrees.

Fellows receive a 3-year annual stipend of \$34,000 as well as \$12,000 to cover tuition and fees.

Eligibility requirements include: U.S citizenship, enroll in a full-time graduate program in the Summer or Fall of the year the award is offered, and notify the NSF of your acceptance.

Approval criteria includes intellectual merit and the broader impact you and your research will have on society.

For more information and how to apply, please visit www.nsfgrfp.org or email grfp@nsf.gov

Emergency Department Research Associate (EDRA) Internship

Interested in clinical research and direct patient contact in the Emergency Department setting at Strong Memorial? The application for the Spring 2020

Emergency Department Research Associate (EDRA) Internship cohort is now open. This opportunity is open to ALL undergraduate students, even graduating seniors. To apply please click the following link: **Spring 2020 EDRA Application**

Barry Goldwater Scholarship

The Barry Goldwater Scholarship is awarded to current sophomores or juniors who have a good academic record and have shown an interest in a career in research. The scholarship is up to \$7,500 per academic year to cover the cost of tuition, books, fees, etc.

Eligibility requirements: must be a U.S. citizen, be pursuing an undergraduate degree full-time with 1 or 2 years left of study, have a B average, shown interest in research, and be nominated by the school.

Students are nominated by the University. A committee will review the application and recommend qualified candidates to the Board of Trustees of the Goldwater Foundation.

The nomination period begins the first Tuesday after Labor Day and the deadline is the last Friday in January at 5 p.m.

For more information head to <https://goldwater.scholarsapply.org> or contact our Campus representative **Belinda Redden (585)-276-5869**

Undergraduate Opportunities

Alaskan Observers North Pacific Ground Fish Observer
[North Pacific Ground Fish Observer Position Openings](#)

Albert Einstein College of Medicine
[Summer Undergraduate Research Program](#)

Amgen Scholars
[Amgen-UROP Scholars Program](#)

Amgen Scholars
[Program Homepage](#)

Case Western Reserve University
[Summer Programs](#)

Cincinnati Children's Hospital
[Summer Undergraduate Research Fellowship \(SURF\)](#)

City Internships
[Program Overview](#)

Cleveland Clinic Center for Reproductive Medicine
[Summer Internship Program](#)

Cold Spring Harbor Watson School of Biological Sciences
[Summer Undergraduate Research Program](#)

Columbia University / Barnard College
[Amgen Scholars Summer Research Program](#)

Cornell University
[Boyce Thompson Institute for Plant Research Internships](#)

Council on Undergraduate Research
[National Conference on Undergraduate Research \(NCUR\)](#)

Davis Projects for Peace
[Kathryn W. Davis Projects For Peace](#)

Deutscher Akademischer Austausch Dienst (DAAD)
[Paid Research Internships in Germany](#)

Duke University / Robert Noyce
[Teacher Fellowship Program](#)

EPA Internships
[Medical Research and Health Science Internships Available in Europe!](#)

Fulbright Scholarship
[US Student Program](#)

Gerstner Sloan-Kettering
[Summer Undergraduate Research Program](#)

GEHI
[Ghana Health and Education Initiative](#)
Goldwater (Barry)
[Scholarship & Excellent in Education Program](#)

Harvard School of Public Health
[Summer Program in Biological Sciences Public Health](#)

Hutchinson (Fred) Cancer Research Center
[Summer Undergraduate Research Program](#)

Hutchinson (Fred) Cancer Research Center
[Internships in Scientific Research or Medicine](#)

Homeland Security DHS Education Programs
[HS-STEM Summer Internship Program](#)
Institute for Health Metrics and Evaluation (IHME)
[Post-Bachelor Fellowship](#)

Journal of Young Investigators
[Author Guidelines Requirements](#)

Louisiana University Marine Consortium
[Summer Field Course Information](#)

MATCH Education
[Teacher Residency](#)

Mayo Clinic
[Summer Undergraduate Research Fellowship](#)

MedLife
[Volunteers](#)

Michigan State Veterinary
[Enrichment Summer Program](#)

National Collegiate Research Conference (NCRC)
[NCRC 2018 Applications](#)

Nemours/Alfred I. duPont Hospital for Children and Nemours
Office of Health Equity and Inclusion
[Summer Undergrad Research Scholarship](#)

One Heart Source
[Volunteer Opportunities in Africa](#)

PIRG - Job Openings for Graduating Seniors
[Jobs](#)

Roswell Park Cancer Institute
[Summer Research Programs](#)

Southern Teaching Agency
[Spring Job Fairs](#)

SUNY Oswego Global Laboratory
[Summer Science Research Abroad](#)

Teach for America
[Opportunities](#)

Texas Tech University Health Sciences Center
[Summer Accelerated Biomedical Research Internships](#)

The UNCF Merck Science Initiative
[Science Scholarships and Fellowships](#)

University of Iowa
[Summer Undergraduate MSTP Research Program](#)

University of Michigan
[Summer at Michigan for Undergraduate Research Training](#)

University of Missouri
[Summer Research Programs](#)
[Cell and Molecular Biology Summer Research Positions](#)

University of Notre Dame Environmental Research Center
[Research](#)

University of Rochester
[Undergraduate Research Exposition \(URE\)](#)

University of Rochester, RC Libraries
[Research Initiative Award for Undergraduates](#)

University of Rochester, UPBM
[deKiewiet Summer Fellowship](#)

University of Texas South Western
[Summer Undergraduate Research Fellowship SURF](#)

University of Rochester, RC Libraries
[Research Initiative Award for Undergraduates](#)

University of Rochester, UPBM
[deKiewiet Summer Fellowship](#)

University of Texas South Western
[Summer Undergraduate Research Fellowship SURF](#)

University of Utah
[Undergraduate Research Programs](#)

University of Virginia / Mountain Lake Biological Station
[Summer Research Experiences of Undergraduates](#)

Upstate Medical University
[Research Programs in Biomedical Sciences Fellowship Program](#)

West Virginia University Center for Neuroscience
[Summer Undergraduate Internship SURI Program](#)

The Woodrow Willson National Fellowship Foundation
[Teaching Fellowships](#)

World Teach
[Programs](#)

Graduate Studies

Albert Einstein College of Medicine
[Biomedical Sciences](#)

Arizona State University
[Science and Technology Policy](#)

UC Berkley
[Metabolic Biology](#)
[Molecular Toxicology](#)

Cedars-Sinai Medical Center
[Ph.D. in Biomedical and Transitional Sciences](#)

Cornell University
[Ecology & Evolutionary Biology](#)

Duke University
[Neurobiology | Program in Genetics & Genomics](#)

George Washington University
[Environmental Resource Policy Program](#)

Harvard Medical School
[Master of Medical Science in Immunology](#)

Harvard-School of Public Health
[Ph.D. Program in Biological Sciences in Public Health](#)

Icahn School of Medicine at Mount Sinai
[Graduate School of Biomedical Sciences](#)

Indiana University
[Biochemistry Graduate Program](#)

Louisiana State University
[Biological Sciences Pharmacology & Experimental Therapeutics](#)

Michigan State University
[College of Veterinary Medicine Graduate Programs](#)

Penn State College of Medicine
[Ph.D. Programs | MS Programs](#)

Salisbury University
[Master of Science in Applied Biology](#)

Seton Hall University
[MS Biology | MS Microbiology | Ph.D. Molecular Bioscience](#)

St. Jude Graduate School
[Biomedical Sciences](#)

Stony Brook University
[Neuroscience Masters and Ph.D. Program](#)

Texas Tech University
[School of Biomedical Sciences](#)

University at Buffalo
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