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!
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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.

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### de Kiewiet Summer Fellows 2019

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

<table>
<thead>
<tr>
<th>Date</th>
<th>Speaker</th>
<th>Title</th>
<th>Location</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday, September 24th, 2019</td>
<td>Dr. Brian J. Altman, URMC</td>
<td>“Health around the clock: human circadian rhythm in health and disease”</td>
<td>Rochester Science Cafe, Pittsford Barnes &amp; Noble</td>
<td>7 p.m.</td>
</tr>
<tr>
<td>Friday, September 27th, 2019</td>
<td>Dr. Marc Branham, University of Florida</td>
<td>“The Evolution of bioluminescent signals in fireflies”</td>
<td>Hutchison 316</td>
<td>3 p.m.</td>
</tr>
<tr>
<td>Monday, September 30th, 2019</td>
<td>Dr. Erica Larson, University of Denver</td>
<td>“The evolution of polymorphic hybrid male sterility in house mice”</td>
<td>Lander Auditorium - Hutchison 140</td>
<td>Noon</td>
</tr>
<tr>
<td>Friday, October 4th, 2019</td>
<td>Yue Ren, University of Rochester</td>
<td>“Regulation of mast cell sub-phenotype and its impact on pulmonary microvasculature structure”</td>
<td>Hutchison 473</td>
<td>12:45 p.m.</td>
</tr>
<tr>
<td>Monday, October 7th, 2019</td>
<td>Dr. Kate O’Connor-Giles, Brown University</td>
<td>“Genetic dissection of synapse formation, function, and plasticity”</td>
<td>Lander Auditorium - Hutchison 140</td>
<td>Noon</td>
</tr>
<tr>
<td>Friday, October 11th, 2019</td>
<td>Dr. Robert Minckley, University of Rochester</td>
<td>“TBA”</td>
<td>Hutchison 316</td>
<td>3 p.m.</td>
</tr>
<tr>
<td>Monday, October 14th, 2019</td>
<td>Dr. Joshua Shaevitz, Princeton University</td>
<td>“Self-driven phase transitions in bacterial populations”</td>
<td>Lander Auditorium - Hutchison 140</td>
<td>Noon</td>
</tr>
<tr>
<td>Friday, October 18th, 2019</td>
<td>Dr. Andrew Moeller, Cornell University</td>
<td>“The evolution of the mammalian gut microbiome”</td>
<td>Hutchison 316</td>
<td>3 p.m.</td>
</tr>
<tr>
<td>Date</td>
<td>Speaker</td>
<td>Title</td>
<td>Venue</td>
<td></td>
</tr>
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</tr>
<tr>
<td>Monday, October 21st, 2019</td>
<td>Dr. Dragony Fu, University of Rochester</td>
<td>“Targets and Functions of RNA modification enzymes”</td>
<td>Lander Auditorium - Hutchison 140</td>
<td></td>
</tr>
<tr>
<td>Tuesday, October 22nd, 2019</td>
<td>Dr. Anne S. Meyer, University of Rochester</td>
<td>“Bacterial seashells: How to build your environment using bacteria”</td>
<td>Rochester Science Cafe, Pittsford Barnes &amp; Noble</td>
<td></td>
</tr>
<tr>
<td>Monday October 28th, 2019</td>
<td>Dr. Celina Juliano, UC Davis</td>
<td>“Mechanisms of development and regeneration I Hydra”</td>
<td>Lander Auditorium - Hutchison 140</td>
<td></td>
</tr>
<tr>
<td>Friday, November 1st, 2019</td>
<td>Dr. Andrew McAdam, University of Guelph</td>
<td>“Evolution in a social context: Lessons from a longer-term study of wild red squirrels”</td>
<td>Hutchison 316</td>
<td></td>
</tr>
<tr>
<td>Monday, November 4th, 2019</td>
<td>Dr. Stephanie Weber, McGill University</td>
<td>“No membrane, no problem: Condensing bacterial organelles”</td>
<td>Lander Auditorium - Hutchison 140</td>
<td></td>
</tr>
<tr>
<td>Friday, November 8th, 2019</td>
<td>Dr. Chelsea Specht, Cornell University</td>
<td>“Genetic diversity and the evolution of form and function: Exploring the monocots from Allium to Zingiber”</td>
<td>Hutchison 316</td>
<td></td>
</tr>
<tr>
<td>Monday, November 11, 2019</td>
<td>Dr. Heather Hundley, Indiana University</td>
<td>“Regulation and impacts of RNA editing on the neural transcriptome”</td>
<td>Lander Auditorium - Hutchison 140</td>
<td></td>
</tr>
<tr>
<td>Friday, November 15th, 2019</td>
<td>Dr. Beatriz Navarro Dominguez, University of Rochester</td>
<td>“TBA”</td>
<td>Hutchison 316</td>
<td></td>
</tr>
<tr>
<td>Monday, November 18th, 2019</td>
<td>Dr. Mia Levine, University of Pennsylvania</td>
<td>“Intragenomic conflict shapes telomere evolution”</td>
<td>Lander Auditorium - Hutchison 140</td>
<td></td>
</tr>
</tbody>
</table>
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@rochster.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
mburrel5@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.

Schedule subject to change. Please visit the Biology Seminars link for up-to-date information.
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.

Information and photos from University of Rochester Athletics
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 the 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. Florida 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!
Congratulations to the Catherine Block Award Memorial Prize winners!
Paula Guerra ’20
Melissa Proven ’20
Colleen Maillie ’20

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

UPBM Pizza Lunch and Awards May 2nd, 2019
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](http://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](http://fulbright.us.state.gov).
NSF Graduate Research Fellowship Program
The NSF Graduate Research Fellowship Program supports graduate students in NSF-supported fields who are pursuing research-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

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)
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

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

University of Rochester, UPBM
Research Initiative Award for Undergraduates

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Upstate Medical University
Research Programs in Biomedical Sciences
Fellowship Program

West Virginia University Center for Neuroscience
Summer Undergraduate Internship SURI Program

The Woodrow Wilson National Fellowship Foundation
Teaching Fellowships

World Teach
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 Book University
Neuroscience Masters and Ph.D. Program

Texas Tech University
School of Biomedical Sciences

University at Buffalo
Ph.D. Biomedical Science

University of California, Los Angeles
Ecology & Evolutionary Biology

University of Colorado
Structural Biology & Biochemistry Program

University of Iowa
College of Medicine Degree Programs

University of Maryland
Biophysics Program

University of Massachusetts Dartmouth
Marine Science and Technology

University of Michigan
Medical School Program

University of Pennsylvania
University of Pittsburg
Biological Sciences Programs

University of Rochester
Graduate Program TEAM-BMTD
Department of Biostatistics and Computational Biology

University of South Florida
Graduate Programs

University of Texas South Western
Biomedical Sciences Programs

University of Utah
Bioscience Programs

University of Virginia
School of Medicine

Upstate Medical University
Graduate Studies | M.D./Ph.D.

Van Andel Institute
Ph.D. in Molecular and Cellular Biology

Vanderbilt University
Neuroscience Graduate Program

Virginia Tech
Molecular and Cellular Biology Ph.D. Program

Watson School of Biological Sciences
Ph.D. Program

Wake Forest University
M.S. and Ph.D. in Biology

Helpful Links

- Athletics
- Biology Department
- Center for Excellence and Teaching
- Center for Study Abroad & Interdepartmental Programs
- Counseling Center
- Dining
- Directory
- English Language Program
- Gwen Green Career and Internship Center
- Facilities
- Journal of Undergraduate Research (JUR)
- Kapalan Test Prep and Admissions
- Libraries
- Pre-Med and Allied Health Professions Advising
- Research Connections Newsletter
- Rochester Academy of Science
- Undergraduate Program in Biology & Medicine
- Undergraduate Research Office
- University Health Services
Feedback and Submissions

Have any interesting stories or events coming up you want featured in future newsletters? Please let us know! We would also love to hear your feedback so that we can improve upon future newsletters. You can email marcella.sherlock@rochester.edu with comments, questions, or concerns.

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