UPBM E-NEWSLETTER

Undergraduate Program in Biology & Medicine



J. Adam Fenster / University of Rochest

It feels as though winter is never ending, but **seniors**, graduation will be here before you know it! Make sure to keep an eye out for emails regarding important details about commencement. Remember, email Chelsea Kuhn if you have any pictures you would like to be put in the Senior Slideshow, which will be presented during the Diploma Ceremony.

Find more information on the Commencement 2019 webpage.

Like our Facebook page for the latest information on UPBM events, opportunities, and important deadlines!



University of Rochester Undergraduate Program in Biology and Medicine UPBM

Links

- · Biology Department Newsletter
- · 2018 Poster Session
- UPBM E-News Archive
- UPBM Home Page
- UPBM Facebook Page



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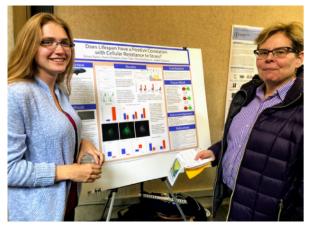
J. Adam Fenster / University of Rochester

My Time as a de Kiewiet Fellow



Hayley Chang '19 BCD

"I decided to apply to the de Kiewiet fellowship because it provided me with enough funds to continue doing research in Rochester. For the past two years I have been working on research involving tRNA modification enzymes with Dr. Fu and my graduate student mentor, Jenna Lentini. I wanted the chance to continue this research while expanding the breadth of my experimental knowledge. Because this fellowship was during the summer, I was able to dedicate more time to more complex experiments that I would not have had time for otherwise during the school year. I now have a deeper understanding of various biochemical and molecular biology techniques. For example, I was able to do things like generate single cell knock out cell lines, a process which takes a lot of time that I may not have been able to commit otherwise. Additionally, by staying in Rochester in a lab that I already was conducting research in, I did not have to pause any of my data collection from the end of last year. Now I have more data to pursue my senior honors thesis with. Finally, the best part of this experience was being able to spend more time with a lab that I love. All my lab members helped to mentor me in all sorts of ways, which I am incredibly thankful for. Without this summer I wouldn't have had as much time to learn, laugh, and grow from them. I would highly encourage students to apply to this fellowship, there is so much to gain!"



Krista Pipho '19 BBC

"The process of applying for the de Kiewiet fellowship helped to solidify a plan for how to approach my summer research. Formally writing out which things I wanted to try and how I would go about it allowed me to get better feedback from my lab mates. I ended up getting through most of the experiments I described and more because of how much faster everything goes when you are in the lab full time. Summer research is a fantastic uninterrupted stretch for focusing on troubleshooting procedures and generating results without the scheduling complication of classes or stress of looming tests. The poster session at the end also let me get feedback on how I should present my results in a senior thesis. The faculty and other students

who were there had very helpful comments and questions that challenged me to explain my findings more rigorously and clearly.

The de Kiewiet fellowship was also great on the logistical front. The stipend is easily enough to cover food and housing, and for me the environment / hours were much more comfortable than any of my previous summer jobs. Plus, plenty of upperclassmen stay for the summer, so you can find company to enjoy the nice summer weather with whenever you aren't being a lab rat."

Juniors: de Kiewiet Summer Fellowship 2019

The de Kiewiet Fellowship affords undergraduate UPBM majors the opportunity to stay in Rochester during the summer to work on a research project in the lab of the research mentor of their choice.

Students have the flexibility of finding a research mentor who works within their area of interest and is a member of the UR teaching faculty.

Summer projects must be rooted in the biological sciences and non-clinical. Although some scientific arguments may originate through clinical studies, the proposed research should yield data from experimentation involving laboratory or computational methods of analysis. For tips on how to find a research mentor students should consult with their advisor or visit the UPBM Finding a Research Mentor Website.

The Fellowship runs for ten weeks between June and August. The stipend amount for each fellow is \$4,000 and is paid out in bi-weekly installments.

Fellows are expected to work for 40 hours a week and will need to create and present a poster of their research findings at the UPBM Poster Session in October of their fellowship year. Days and shifts are at the discretion of their mentor.

Officially declared UPBM majors in their junior year are invited to submit research proposals and summaries of their research & career goals and relevant work experience.

The application process for the fellowship is competitive as only a limited amount of positions can be funded annually. Additionally, the number of positions offered each year varies. Funding raising efforts are made each year to support as many promising scientists as possible. Visit the "Past de Kiewiet Summer Research Fellows" to find out who has participated in the fellowship. The UPBM Advising Committee reviews and ranks all applicants. The UPBM office will notify candidates with the committee's decisions late April.



de Kiewiet Fellows 2018

Left to Right: Stephanie Busch '19, BBC; Iyad Sayed Issa '19, BBC, Hayley Chang 19, BCD; Abhishek Dede ;19, BCB/BCS; Sarah Sandkuhler '19, BNS; and Krista Pipho '18, BBC (Not pictured Joshua Brown)

How to Apply:

Part A: Intent to Apply - Due March 1st - Fill out the form and click "Submit". An email confirmation will automatically be sent out upon submission containing an Edit Submission Link. This link that will allow applicants to get back into their record to upload the rest of the application materials they will need to prepare by first Monday back after Spring Break.

Part B: Proposal/Summaries Upload - Due Monday, March 18th - Applicants will need to prepare three documents. Including including a six-page 1.) "Formal Scientific Research Proposal," and two one-page summaries that outline applicant 2.) "Relevant Professional Experience," and 3.) "Research and Career Goals." Papers should be double-spaced and in .pdf file format.

Candidates will also need to ask their research mentor and another faculty member to write a letter of support. The faculty may e-mail the letters directly to BioDeptUgOffice@ur.rochester.edu by the 3/18 deadline.

For more information on how to find a mentor and proposal guidelines visit the de Kiewiet website.

Important Fall Registration Information

Starting Fall 2019, some biology courses will be offered in different semesters than they have been scheduled in the past.

BIO 206 Eukaryotic Genomes will be offered in the FALL

BIO 219L Genomics of Quantitative Traits with Lab will be offered in the SPRING

BIO 263 Ecology will be offered in the SPRING

Please plan accordingly!

New Course Fall 2019 BIO 259L/459L Applied Population Biology

This course will explore how concepts of population ecology and evolutionary biology can be used to draw inferences about ecological and evolutionary processes and inform the conservation and management of natural populations, with an emphasis on practical applications. Students will get hands-on training on common research methods in population biology. The required lab component will give students an opportunity to analyze real-world data. Major topics will include how to model the dynamics and persistence of populations using simulation models and statistics, and how to predict disease transmission dynamics using social network analysis.

Preregs: BIO 214/BIO 218P/STT 276 AND BIO 111/BIO 113, BIO 205/BIO 263 are recommended but not required

Congratulations Michaela Burrell! '20 BEB

UR Athletics "Three School Records Fall at Fastrack National Invite", By Scott Sabocheck, Feb. 8, 2019

"STATEN ISLAND, NY – Junior sprinter Michaela Burrell broke two school records and classmate Lonnie Garrett broke a third to lead an remarkable performance from the University of Rochester women's track and field team at the Fastrack National Invitational at the Ocean Breeze Athletic Complex on Friday.

Overall, the Yellowjacket women 13 Atlantic Regional qualifiers and a flurry of times that rank among the top in NCAA Division III this season.

Burrell broke her own school record in the 60 meter dash, shaving .04 seconds off her mark set last week. On Friday, she sprinted to a 7.74 second time and qualified 5th among 85 runners in the event. In the finals, she matched her record setting 7.74 second time and ended in 5th place overall.

Later in the day, Burrell took to the track in the 200 meters and clocked in at 25.40 seconds, breaking Yvette Igbokwe's previous UR best of 25.43 seconds set back in 2016. Burrell ended in 6th of 24 runners in the invitational 200 meter event.

In the final action of the day, Garrett then broke the indoor triple jump record with a mark of 11.24 meters. She broke the previous school record of 11.13 meters, set by Melissa Skevington back in the 2010 season.

Garrett's jump is currently 30th best in NCAA Division III this season and was good enough to finish in 11th place of 45 finishers.

Her time in the 60 meters currently is the 4th quickest in NCAA Division III this season, with her 200 meter time ranking 11th. Both qualified for the Atlantic Regional meet early next month."

Read the rest of the article here.



Photo from UR Athletics

Rochester hits record number of Fullbright semifinalists

Article from 2/14/2019 @rochester e-newsletter: Read the full article

"A record 27 University of Rochester students and recent alumni have been named semifinalists in the prestigious Fulbright US Student Grant Program, the government's flagship international educational exchange program. The program is sponsored by the State Department and offers opportunities to pursue advanced studies, conduct research, and teach English language and American culture abroad.

Final award offers will be announced on a country-by-country basis over the next few months. This year's semifinalists include 23 from the College and four from the Eastman School of Music. Thirty-seven candidates applied through Fulbright review committees on the River Campus and at Eastman. Rochester has been recognized as a top producer of Fulbright student grant

awardees three times in the past five years."



Congratulations to UPBM's Semifinalists!

Jason Cherin '19 (biology); Portugal – ETA

Tiffany Dias '19 (computational biology and international relations); New Zealand – study/ research: development of gene markers for disease resistance in the kakapo species

Madeline Hoey '19 (biochemistry); Denmark - study/research: applications for LPMO enzymes in photobioreactors for conversion of biomass to ethanol

Allison Morningstar '19 (neuroscience); Germany - study/research: characterization of microglial actin cytoskeleton regulation over the course of Alzheimer's disease pathology Rachel Yang '18/T5'19 (microbiology); South Korea - ETA

See all the candidates here.

Congratulations Dr. Chen! Sloan Research Fellowship

Article from 2/21/2019 @rochester e-newsletter: Read the full article

"Two University of Rochester faculty members—biologist Nancy Chen and chemist Ellen Matson—are among this year's recipients of prestigious Sloan Research Fellowships. Awarded annually by the Alfred P. Sloan Foundation since 1955, the fellowships recognize young scientists for their independent research accomplishments, creativity, and potential to become leaders in the scientific community. Each fellowship carries a \$70,000 two-year award."

"While the Department of Biology is strong in research on evolutionary genetics, currently that research is done almost entirely in invertebrates, Welte says. "Nancy complements this strength by bringing a vertebrate model system to this area of research, and one that has high ecological relevance." Besides providing unprecedented insights into deep evolutionary questions, Chen's work is important for conservation biology and for understanding the development of drug and pesticide resistance.

"Nancy is a rising star at the intersection of multiple fields-evolution, genomics, and ecology - and the recent award of a Sloan Research Fellowship underscores that the broader scientific community recognizes her great potential," Welte says."

"In addition to her research, Chen is dedicated to increasing diversity and inclusion in STEM. Since joining the University, she co-founded a Women in Biological Sciences (WIBS) group that meets monthly to discuss a range of topics surrounding women in science, including mentoring, inclusive lab environments, and work-life balance. She is also involved in creating diversity and inclusion programming for the American Ornithological Society, and, in 2017, was awarded the American Ornithological Society's James G. Cooper Young Professional Award."



Bioethics at the Movies

The Bioethics Bootcamps are a series of workshops geared towards preparing pre-health students to tackle the ethical dilemmas facing healthcare today. In the comfortable environment of the Humanities Center, discuss challenging topics with your peers and industry experts. Whether preparing for medical school interviews or simply interested in looking at healthcare through a humanistic lens, join us for one or all of the upcoming sessions. Light refreshments will be served. Space is limited so make sure to register!

One Flew Over the Cuckoo's Nest, Feb 27th, 6:30pm

Hosted by Beth Goldenberg, NP

"When Randle Patrick McMurphy (Jack Nicholson) gets transferred for evaluation from a prison farm to a mental institution, he assumes it will be a less restrictive environment. But the martinet Nurse Ratched (Louise Fletcher) runs the psychiatric ward with an iron fist, keeping her patients cowed through abuse, medication and sessions of electroconvulsive therapy. The battle of wills between the rebellious McMurphy and the inflexible Ratched soon affects all the ward's patients."

Okja, March 28th, 6:30pm

Hosted by Margie Shaw, JD, PHD

"For 10 idyllic years, young Mija has been caretaker and constant companion to Okja - a massive animal and an even bigger friend - at her home in the mountains of South Korea. But that changes when family-owned, multinational conglomerate Mirando Corporation takes Okja for themselves and transports her to New York, where an image-obsessed and self-promoting CEO has big plans for Mija's dearest friend. With no particular plan but single-minded in intent, Mija sets out on a rescue mission."

The Sea Inside, April 17th, 7pm

Hosted By Bernie Sussman, MD

"Ramón Sampedro (Javier Bardem) is a Spanish ship mechanic and part-time poet who is left a quadriplegic after a diving accident. This film tells the true story of Sampedro's 30-year battle for the legal right to end his own life. He develops close relationships with his long-term lawyer Julia (Belén Rueda) and his friend Rosa (Lola Dueñas), who tries to convince him that his life is worth living. Despite his situation, Ramon manages to inspire those around him to live life to the fullest."

Greene Center Events

Post-Graduation Service Opportunities

Wednesday, February 27th, 4-5:30pm

Alcon Laboratories Information Session

Thursday, February 28th, 6-7pm

Professional Networking Workshop with the

Speaking Fellows

Monday, March 4th, 7-8pm

InterSECT Job Simulations

Monday, March 7th, 2-5pm

Careers in Medicine Conversation with Dr. Seth

Rubenstein, DPB, '79

Thursday, March 7th, 7-8pm

Networking Your Way to Your Next Job

Opportunity

Wednesday, March 13th, 12-1pm

BioCareers presents: Job Search: "Looking your Best on Paper: Building a Resume and Cover Letter for Industry"

Wednesday, March 13th, 1-2pm

National Biosafetly and Biocontainment Training Program Fellowship-Zoom Information Session

Tuesday, March 19th. 5:30-6pm

Bioethics at the Movies: Okja

Thursday, March 28th, 6:30pm

McKinsey's Freshman Diversity Leadership Academy

Friday, April 5th-Saturday, April 6th

Check out all the events on their website

Undergraduate Research Exposition

April 19th, 2019, Application Open!

The Undergraduate Research Exposition is a college wide event in which University of Rochester students at all levels and in all areas of study are invited to present their investigative and creative work. The Expo reflects the passion for learning that enlivens the University, professors and students alike, and that finds expression in varied forms, in every area of study.

If you are interested in being apart of the Symposium or Poster Session, applications are due by March 1, 2019.

More Information: URE Website

Student-Run Upcoming Events

SUBS Study Group

Tuesdays, 6-7pm, Genesee Hall 321

Join SUBS in a collaborative study space for biology majors of different levels and backgrounds! This is not tutoring hours, but many peer advisors and TAs will be in attendance.

Biology Dept. Peer Advisors Office Hours

Wednesdays, 5:30-6:30pm, Carlson Library

Peer Advisors help students declare majors and make connections with faculty, review research opportunities, and explore study abroad and options for independent/interdisciplinary study.

Seniors: Honors in Research

Students who have been involved in Biological research have the opportunity to receive honors by successfully writing and defending a thesis during their senior year.

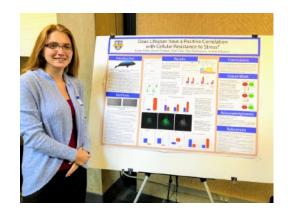
Officially declared UPBM majors with research of exceptional quality and a minimum BIO GPA of 2.7 qualify.

Candidates must have developed a novel body of work that includes publication quality data from which to generate a senior thesis. In addition, candidates must successfully present and defend their senior thesis before a faculty examination committee.

The planning of a senior thesis generally begins before or at the beginning of the senior year. Students should consult both their major/track coordinator and research advisor before applying.

Research data obtained through Independent Research (395) courses, fellowships, internships, and voluntary work may be used to support the thesis. In addition, research performed at other institutions may be used as long as the thesis is written under the supervision of a U of R full-time faculty member.

Data collected from other institutions outside of the university may be used to support a portion of the thesis; however, all facts and figures reported as results in the thesis must be derived by the candidate, and must be part of the collaboration with the UR faculty who is overseeing the writing of student's thesis.



Interested students must submit an application for candidacy to the UPBM office (Hutchison 487) with the endorsing signatures of both their research mentor and major/track coordinator by, Monday, March 4th, 2019. Please note that students do not need to register an Independent Research (395) course for a senior thesis unless necessary to complete experimentation. Please visit the Honors in Research Website for further details on senior thesis, defense committees, and planning timelines.

Eighteen students from the class of 2018 successfully wrote and defended a senior thesis. See UPBM E-newsletter June 2018 Edition.

How to Find a Research Mentor



The UR is an ever-expanding top-tier research facility. As such, students need to create opportunities and take control of their careers by finding a faculty member who conducts non-clinical research within their area of interest who will agree to take them on as an independent research student.

Undergraduates should begin searching for a research mentor before the semester begins as faculty may decline to sponsor a course, especially if the request is submitted too late after the beginning of classes.

Some students start their investigations by connecting with faculty in the courses they enjoy or by contacting the advisor of their intended major. While others network with faculty and peers, who are already researching in their area of interest or by searching the UR website and reading up on faculty research profiles. The key is to maintain professionalism and thoughtful persistence in all communications attempts with faculty (see sample email on back).

Please note that faculty who instruct 395 courses must be members of the UR "full-time teaching faculty" and are

willing to take on 395 students. Members of the "Research faculty" may also instruct 395 courses; however, they must do so under the supervision of their department chair. In some cases department chairs may approve research faculty to supervise independent research courses; however, special arrangements must be made directly with the College Center for Advising Services (CCAS).

Another starting point for students is by developing a professional rapport with faculty by taking on technical positions through student employment or on a voluntary basis. However, please note students may not receive financial compensation and credit for the same research should the faculty agree to instruct a 395 course.

These are a few of many ways students find research mentors. The key is to self-start, do well in academics, and be on the lookout for summer research opportunities as well as developmental programs and workshops offered periodically through the Office of Undergraduate Research and Carlson Science and Engineering Library. Below are a few resources to help students get started.

UR Departmental Faculty Research Profiles

Biochemistry and Biophysics
Biology
Microbiology and Immunology
Neuroscience
Pathology and Laboratory Medicine
Pharmacology and Physiology
UR Medical Center (URMC) Faculty Lists

Other Resources

Carlson Science and Engineering Library Undergraduate Program in Biology and Medicine (UPBM)

- Independent Research Requirements/Registration
- deKiewiet Summer Fellowship
- E-Newsletter

Northern Eastern University Web Guru Guide for Undergraduate Research

Summer Research

Discover Grants

Visit the Office of Undergraduate Research website to read up on the available great funding and how to apply for it. Only current, matriculated first-year, sophomores, juniors and non-graduating seniors can apply. Your summer research opportunity must be set in stone to apply for funding. Please note there are deadlines for each! *Application set to open March 1, 2019.*

Discover Grant Information

Research and Innovation Grant

Research and Innovation Grans (RIG) can be used for numerous experiences for undergraduates. These funds can only be used outside of the academic year. Please look on the RIG Grant Accessing Funds page for deadlines.

More Information

Office of Undergraduate Research Website Internal Funding Opportunities External Funding Opportunities



College Supplemental Funding

For Programs, Conferences, Competitions, and Events

The College Supplemental Fund Application allows students to request supplemental funding to attend or participate in academic, professional, or experiential programs.

Funding is available on a rolling basis, however, applications must be submitted at least three weeks in advance, or else they will not be considered. Relevant departments may be asked to contribute funding toward the overall need as indicated on the application. Students may request funds as individuals, or on behalf of a group. Only one representative from each group should complete an application.

The College Supplemental Fund Application is not intended to replace existing funding opportunities, such as the funding available from the Student Association Appropriations Committee (SAAC). Groups that would like to request funding from the Student Association are required to complete a separate application through the Campus Community Connection.

Interested in applying? Learn more on their website Apply!

The Undergraduate Placement Program

The Undergraduate Placement Program (UR-UPP) is a support service that helps students navigate the process of preparing for research on campus or at URMC. We can help you:

- Learn practical ways to stand out as a research candidate
- Develop effective techniques for communicating professionally with faculty and research staff
- Search and apply for research opportunities in life and health science
- Get the most out of your research experience at Rochester

Visit the UR-UPP website to browse resources, advising services, and projects publicized by research faculty through UR-UPP's infrastructure. Subscribe to the biweekly newsletter to stay up-to-date on positions and on-campus events relevant to undergraduate researchers!

Visit their website here

**Stay up to date on opportunities, events, and deadlines on the UR-UPP by subscribing to their bi-weekly newsletter.

Opportunities

African Campus Experiential Learning

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 Scholars Program

Caltech WAVE Fellows Amgen Scholars

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 *Deadline 3/15/19*

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
Cornell AgriTech

Coastal Marine Education and Research Academy Summer Field Research

Council on Undergraduate Research National Conference on Undergraduate Research (NCUR)

Burke Neurological Institute Summer Research *Deadline 3/9/19*

Boyce Thompson Institute Summer Internship

Davis Projects for Peace Kathryn W. Davis Projects For Peace

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

Duke University
Teacher Fellowship Program
Science and Leadership Award

Donald Danforth Plant Science Center NSF REU Summer Internship Program

EPA Internships
Medical Research and Health Science Internships
Available in Europe!

Fred Hutch Cancer Research Center Summer Undergrad Research Program Internships in Scientific Research or Medicine

Fulbright Scholarship US Student Program

Gerstner Sloan-Kettering Summer Undergraduate Research Program

GEHI

Ghana Health and Education Initiative Summer Serve and Learn Volunteer Programs

Goldwater (Barry)
Scholarship & Excellent in Education Program

Harvard School of Public Health Summer Program in Biological Sciences Public Health

Harvard University Summer Research Program

Homeland Security DHS Education Programs HS-STEM Summer Internship Program

Institute for Health Metrics and Evaluation (IHME) Post-Bachelor Fellowship

Institute of Business Intelligence Innovation New Houston International Conferences

Opportunities

International Association for Identification
Annual International Forensic Educational Conference

Journal of Young Investigators Author Guidelines Requirements

King Abdulla University of Science and Technology Red Sea Summer Program New Deadline 3/15/19

Louisiana University Marine Consortium
Summer Field Course Information Deadline 3/25/19

Maderas Rainforest Conservancy Attend a Course in the Jungle

MATCH Education Teacher Residency

Mayo Clinic

Summer Undergraduate Research Fellowship

MedLife Volunteers

Miami University
Research Experience in Ecology & Environmental Science

Michigan State University REU: ACRES

Michigan State Veterinary Enrichment Summer Program

National Collegiate Research Conference (NCRC) NCRC 2018 Applications

National Institute of Health Undergraduate Scholarship Program *Deadline* 3/18/19

National Oceanic and Atmospheric Administration Hollings Scholarship

Nemours/Alfred I. duPont Hospital for Children and Nemours Office of Health Equity and Inclusion Summer Undergrad Research Scholarship

Nobel Research Institute Scholars in Agriculture Scholars in Plant Science

NYC Teaching Fellows Fellowships

One Heart Source Volunteer Opportunities in Africa Penn State Deadline 3/17/19
Huck Undergraduate Visiting Research Scholar

PIRG - Job Openings for Graduating Seniors Jobs

Project Horseshoe Farm Gap Year Fellowship

Roswell Park Cancer Institute Summer Research Programs

Southern Teaching Agency Website

SUNY Oneonta
Summer Research Internships in Field Bio &
Environmental Monitoring *Deadline 3/1/19*

SUNY Oswego Global Laboratory Summer Science Research Abroad

Teach for America Opportunities

Texas Tech University Health Sciences Center Summer Accelerated Biomedical Research Internships Deadline 3/15/19

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

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 *Deadline 3/1/19* deKiewiet Summer Fellowship

University of Rochester, Visual Science Summer Fellowship Program

Opportunities

University of Texas South Western Summer Undergraduate Research Fellowship SURF

University of Utah Summer Program for Undergraduate Research SPUR

University of Virginia / Mountain Lake Biological Station Summer Research Experiences of Undergraduates

Upstate Medical University Summer Research Fellowship Program

University of Lausanne Summer Undergraduate Research Program

University of Missouri Alcohol Research Training Summer School/Internship University of Pittsburgh Summer Research Fellowship Deadline 3/1/19

Virginia Commonwealth University
Post baccalaureate Research Education Program (VCU PREP) *Deadline 3/15/19*

The Woodrow Willson National Fellowship Foundation Teaching Fellowships

World Teach Programs

Yale University School of Medicine Research Fellowships, Yale Child Study Center

Graduate Studies

Albert Einstein College of Medicine Biomedical Sciences

Arizona State University Science and Technology Policy

Berkley
Nutritional Sciences & Toxicology

Cedars-Sinai Medical Center PhD in Biomedical and Transitional Sciences

Cornell University
Ecology & Evolutionary Biology

Duke University Neurobiology

George Washington University Environmental Resource Policy Program

Harvard Medical School Master of Medical Science in Immunology

Harvard-School of Public Health PhD Program in Biological Sciences in Public Health

Icahn School of Medicine at Mount Sinai Graduate School of Biomedical

Graduate School of Biomedica Sciences

Indiana University
Biochemistry Graduate Program

Louisiana State University Biological Sciences Pharmacology & Experimental Therapeutics

Michigan State University College of Veterinary Medicine

Penn State College of Medicine PhD Programs | MS Programs

Salisbury University Applied Biology

ScribeAmerica Medical Scribes Seton Hill University
MS Biology | MS Microbiology
PhD Molecular Biology

St. Jude Graduate School Biomedical Sciences

Stony Book University Neuroscience PhD Program Neuroscience Master's Program

Texas Tech University Biomedical Sciences Programs

University at Buffalo PhD Biomedical Science

University of California, Los Angeles Ecology & Evolutionary Biology

University of Colorado Structural Biology & Biochemistry

University of Iowa College of Medicine Programs

University of Maryland Biophysics Program

University of Massachusetts Dartmouth Marine Science and Technology

University of Michigan Medical School Programs

University of Pennsylvania Graduate Program in Biology Genome Sciences

University of Pittsburg Biological Sciences

University of Rochester Graduate Program TEAM-BMTD

University of South Florida Graduate Programs

University of Texas South Western Biomedical Sciences Programs

University of Utah Bioscience Programs University of Virginia Graduate Program

Upstate Medical University Graduate Studies | MD/PhD

Van Andel Institute
PhD Cell and Molecular Genetics

Vanderbilt University Neuroscience Graduate Program

Virginia Tech Molecular and Cellular Biology PhD Program

Watson School of Biological Sciences Ph.D. Program

Wake Forest University Biology Programs

Helpful Links

Athletics

Biology Department

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

Please feel free to send submissions and/or feedback to help improve this newsletter to the UPBM Administrator.

What type of things are you looking for? What do you and your colleagues benefit from, find interesting, helpful, and/or funny that is generally related to the college experience. Pictures of events or activities pertaining to UPBM are also beneficial.

UPBM e-news is produced by the Department of Biology Undergraduate Program in Biology & Medicine during the academic year. You are receiving this message as a member of the UPBM community. Please note that the opportunities noted in this issue are not an endorsement. Do not forward this newsletter to other distribution lists. If you are receiving multiple copies or believe this message was sent to you in error, please contact the UPBM

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