

# UPBM E-NEWSLETTER

Undergraduate Program in Biology and Medicine



**Orientation 2017**  
**Welcome Class of 2021**

## Links

- ▶ [Biology Department Newsletter](#)
- ▶ [Senior Slide Show 2017](#)
- ▶ [UPBM Alumni - Where Are They Now?](#)
- ▶ [UPBM E-News Archive](#)
- ▶ [UPBM Home Page](#)

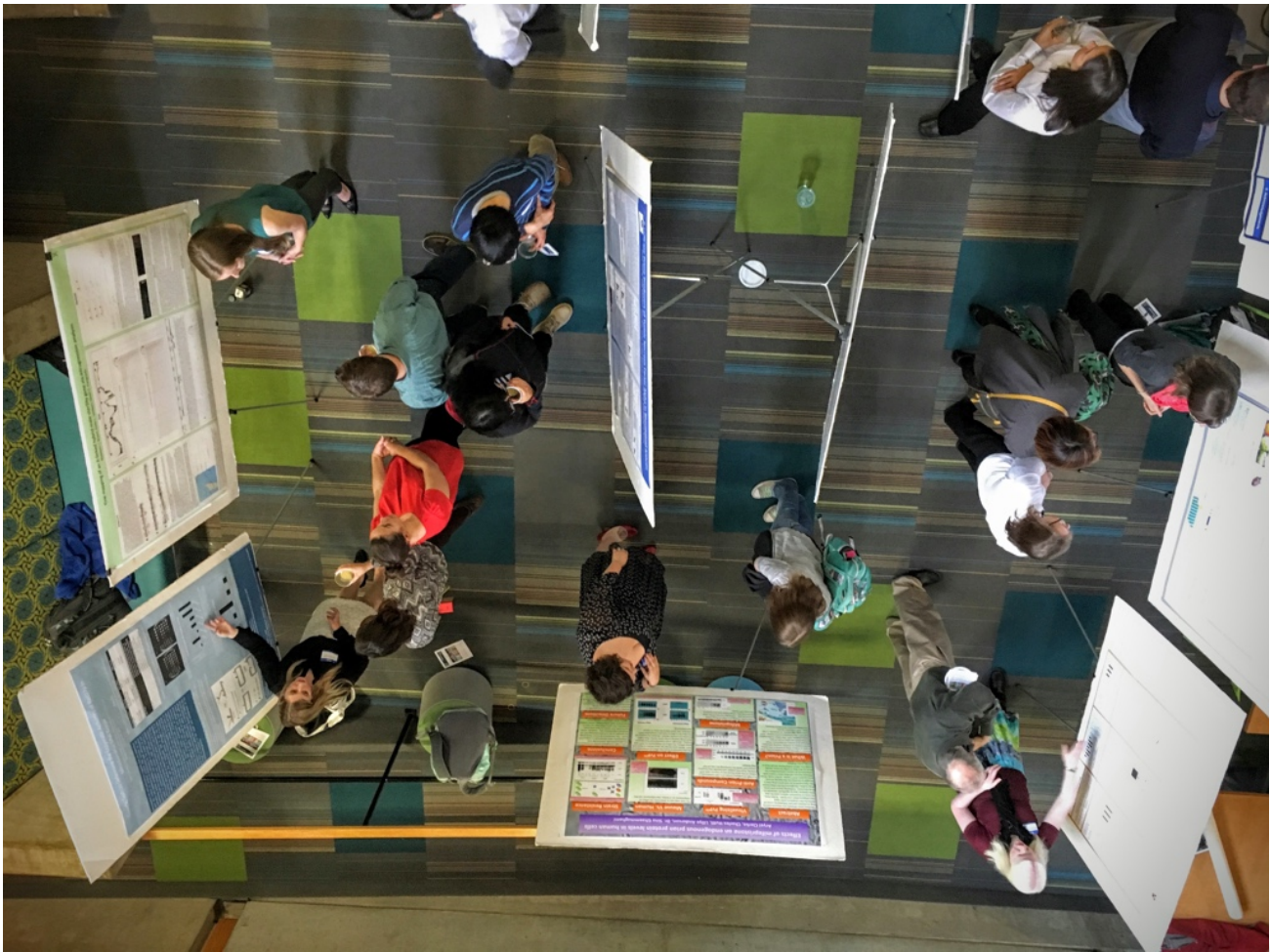
Welcome back UPBM! Although the end of summer is well... gut-wrenching, the UPBM is glad for students to return safely and in one piece. This year's incoming class (2021) is the biggest we have ever experienced and has resulted in an 8.9% increase in introductory class enrollments.

We often wonder what serious scientists do over the summer. It seems that we learn about some of the many excellent summer experiences UPBM majors engage in well after they graduate. To bridge this gap, we encourage students to take the time to write and share their stories behind these amazing adventures.

Whether it is studying abroad, working in a morgue, rescuing animals, Med Life Projects, providing humanitarian aid, running with the bulls or binge-watching Netflix series we would love to know and gain insight. See page 9 for Eli Roger's article on spending a year abroad.

Submissions will appear in the November edition of the UPBM e-newsletter. Those interested should send their stories and pictures (if possible) by e-mail to [BioDeptUgOffice@ur.rochester.edu](mailto:BioDeptUgOffice@ur.rochester.edu).





Poster Session October 7, 2016 -by Dr. Cheeptip Benyajati UPBM Director

# Contents

- Poster Session 2017...Page 3
- Honors in Research...Page 3
- Bio Science Independent Research (395)
- Courses ...Page 4
- de Kiewiet Summer '17 Fellowship...Page 5
- Peer Advising Squad 2017-18— ...Page 6-7
- Evaluation of Bio Transfer Credit...Page 7-8
- Society for Undergraduate Biology Students (SUBS)..Page 8
- Intensive English Language Program...Page 8
- Junior Year Abroad by Eli Rogers...Page 9
- Senior Slide Show..Page 10
- Opportunities...Pages 10-11
- Upcoming Events in 2017-18-...Page 12
- Helpful Links...Page 12
- Contributors / Feedback...Page 12



**Buzzworthy**  
UPBM Majors Making News

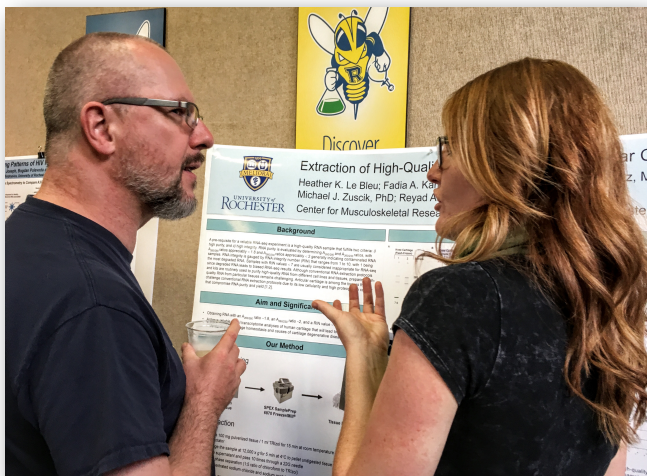
Team Meliora looks to future after Hult Prize Experience

The Lysle Spike Garnish Scholar Athlete Awards

## UNDERGRADUATE PROGRAM IN BIOLOGY AND MEDICINE (UPBM) E-NEWS

## UPBM Poster Session

Opportunity to Present, Network, or Just Have Fun and Talk Science



The Annual UPBM Poster Session is being held this year on **Friday October 13th, 2017 from 3:30 - 5pm in the Hutchison Hall, 1st Floor Green Lounge**. This is a great opportunity for UPBM majors to gain presentation experience, network and TALK SCIENCE!

It is also a great way for those who are looking to get involved in research to talk with presenters and learn from their experiences.

UPBM majors who have conducted research and would like to present are invited to participate. This includes research that has been done inside and outside of the UR.

## Honors in Research

Planning a Senior Thesis / Applications for Candidacy due March 5th, 2018

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.

Students interested in presenting will need to obtain permission from their research mentor, generate a poster, and submit information to the [UPBM Poster Session On-line Form](#) so that media can be generated for the event.

Permission to present the research should be sent via e-mail by the research mentor to [marianne.arcoraci@rochester.edu](mailto:marianne.arcoraci@rochester.edu).

On-line forms should be submitted and research mentor permission e-mailed to Marianne Arcoraci by Monday 10/9/17.

For further information on making posters, what to expect, and logistics visit the [UPBM Poster Session Webpage](#).

Already existing posters or printed slide show presentations may be used.

UPBM majors who do not want to present are welcome and encouraged to attend this event. In addition to student, faculty, staff, and alumni are also invited to attend. Cookies and punch will be served (pretty sweet!).

### Related:

[Details for Presenters](#)

[UPBM Poster Session On-line Form](#)

[2016 UPBM Poster Session \(Relive the Magic\)](#)

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 6th, 2017. 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.

Fourteen students from the class of 2017 successfully wrote and defended a senior thesis. See UPBM E-newsletter [June 2017 Edition](#) for further details on last year's participants.

### Related:

[Application for Candidacy](#)

[Honors in Research Website](#)

## UNDERGRADUATE PROGRAM IN BIOLOGY AND MEDICINE (UPBM) E-NEWS

# Independent Research (395) Bio Science Courses

Overview, New Poster Option, Deadlines...

Allow UR undergraduate students to gain research experience in the laboratories of biological science labs (on



River Campus or in the URM) for academic credit during the fall and spring semesters.

Students will need to find a faculty research mentor who works within their area of interest and will agree to instruct a research course. Visit website for tips on Finding a Research Mentor.

Once a mentor is found students will need to go through the process of registering the course within the first two weeks of the semester.

Although independent research is not a typical lecture hall experience it does require defined objectives, learning outcomes, contact hours, and criteria for evaluation that is typically associated with any credit-bearing course.

The research associated with these courses must be rooted within the biological sciences and is non-clinical in nature. Although some scientific arguments may be inspired through clinical studies it is expected that the proposed research will yield data from experimentation that involves laboratory and/or computational methods that is performed and analyzed by the student enrolled in the course.

The research must be conducted under the supervision of a faculty research mentor who is a member of the UR "Teaching Faculty".

**New Poster Option:** Independent research courses taken within the biological sciences require the submission of a final report upon completion. New Fall17, students may submit a poster in place of the final report. The poster option should be beneficial to undergrads who are looking for opportunities to present at various intellectual, social gatherings such as, [The UPBM Poster Session](#) or the [National Conference on Undergraduate Research \(NCUR\)](#),

or the [Undergraduate Research Expo](#), or any potential poster session that may be conducted at the medical center.

However, please note that students who are taking an independent research course for upper-level writing (395w) credit may not choose the poster option. If the course is being taken to satisfy a writing requirement, then the student will need to write a final report. Final reports of upper-level writing courses are expected to undergo a series of edits and rewrites that would ideally be done with the student and their research faculty incrementally throughout the semester. Students will have until the last day of final exams to upload a copy of their final report or poster to Blackboard.

**New Pre-Registration Process:** During the first week of the term, students will need to submit a pre-registration form: <https://form.jotform.com/72056463932155>. Students will be expected to enter course details as well as dates and times they can meet with their advisor if necessary. Once submitted the form will automatically go their advisor and the UPBM office for review. Afterwards, students will receive an e-mail notification with next steps for completing the registration.

### Fall 2017 Deadlines:

#### \*4 credit independent research courses

- The course should start by this Friday 9/8
- The pre-registration form should be submitted to the UPBM office by Friday 9/15:

#### \*3 credit independent research course

- The course must start by Friday 9/29
- The pre-registration form should be submitted by Friday 10/15

#### \*2 credit independent research

- The course must start by Friday 10/13
- The pre-registration should be submitted by Friday 10/27

For more guidelines and information on Biological Science Independent Research Courses visit; <http://www.sas.rochester.edu/bio/undergraduate/research/index.html>.

### Related:

- ▶ [What is Independent Research?](#)
- ▶ [Credit Regulations](#)
- ▶ [Finding a Research Mentor](#)
- ▶ [How to Register](#)
- ▶ [Requirements](#)
- ▶ [Research Connections Newsletter](#)



## UNDERGRADUATE PROGRAM IN BIOLOGY AND MEDICINE (UPBM) E-NEWS

## de Kiewiet Summer Fellowship 2017

## Open to Junior UPBM Majors / Application Process Summary

The deKiewiet fellowship is an annual summer program that allows students the opportunity to conduct research for 10 weeks in a biological science laboratory located either on river campus or in the medical center during the summer between their junior and senior year. In addition, fellows will also gain the experience of creating and presenting a poster of their research findings at the UPBM Poster Session in October of their fellowship year.

The Fellowship is open to officially declared UPBM majors in their junior only. Take 5 students are not eligible to apply to the fellowship in their 4th year.

UPBM majors include the following tracks BA BIO (Biology), BS BBC (Biochemistry), BS BCD (Cell and Developmental Biology), BS BCB (Computational Biology), BS BEB (Ecology and Evolutionary Biology), BS BMB (Microbiology), BS BMG (Molecular Genetics), and BS BNS (Neuroscience).

**Application Process Summary**

1. Find a UR Teaching Faculty member who will agree to mentor a summer research project and supervise the writing of a Formal Scientific Proposal
2. Email a Letter of Intent to Apply to the UPBM Administrator by midnight, Friday, March 2nd, 2018
3. Prepare and upload the following application materials to blackboard by midnight, Monday, March 19th, 2018 (first day back from spring break)
  - Formal Scientific Proposal
  - Summary of "Relevant Professional Experience"
  - Summary of "Research and Career Goals"
4. Ask the faculty member who has agreed to mentor the project to e-mail a Letter of Recommendation and Statement of Authorship directly to the UPBM Administrator by Monday, March 19th, 2018
5. Ask a second faculty member (preferably within the scientific field) to write a letter recommendation and have them to e-mail it directly to the UPBM Administrator by Monday March 19th, 2018

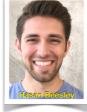





The selection process of the fellowship is competitive as the number of positions are limited. All application materials and academic records will be reviewed by the UPBM Committee. Decisions should be communicated to the applicants by mid April.

\*All interested should visit the deKiewiet Summer Fellowships website to review guidelines and consult your advisors before beginning the application process.

**Related:**

- [Guidelines](#)
- [Requirements](#)
- [Finding a Research Mentor](#)
- [Past Fellows](#)

**2017 de Kiewiet Fellows**

	<b>HASSAN BEESLEY '18, BBC</b> <b>Research Mentor:</b> Dr. Rudi Fasan <b>Project Title:</b> "Synthesis of Thioether-Bridged Macrocyclic Peptides for Inhibition of Sonic Hedgehog" <b>Department:</b> Chemistry
	<b>JASON GLANZMANN '18, BNS</b> <b>Research Mentor:</b> Dr. Jennifer Anolik <b>Project Title:</b> "The Role of Autophagy in Synergistic Cytokine Production by B Cells in Rheumatoid Arthritis" <b>Department:</b> Medicine M&D-Immuno/Rheum Div
	<b>JINA LEE '18, BMB</b> <b>Research Mentor:</b> Dr. Vera Gorbunova <b>Project Title:</b> "Cancer Resistance in Blind Mole Rat Mediated by DNA Damage Response Induced CCD" <b>Department:</b> Biology
	<b>REVA PEER '18, BMG</b> <b>Research Mentor:</b> Dr. Anna Majewska <b>Project Title:</b> "Impact of Acute Postnatal 2, 3, 7, 8- Tetrachlorodibenzo-p-dioxin Exposure on Microglial Morphology" <b>Department:</b> Neuroscience
	<b>ANDREW PIERLE '18 BBC</b> <b>Research Mentor:</b> Dr. Sina Ghaemmaghani <b>Project Title:</b> "The Effect of LAMP2A Deficiency on Global Protein Degradation Rates" <b>Department:</b> Biology
	<b>KEEGAN STRICKER '18, BBC</b> <b>Research Mentor:</b> Dr. Roert Boeckman <b>Project Title:</b> "Second Generation Synthesis of (-)-Rasfonin" <b>Department:</b> Chemistry

## UNDERGRADUATE PROGRAM IN BIOLOGY AND MEDICINE (UPBM) E-NEWS

## UPBM Peer Advising Squad for 2017-18

Advice from students who have been there and done that....

Peer Advisors are senior undergraduate students who major within the biological sciences and have gone through training with the College Center for Advising Services in coordination with the Undergraduate Program in Biology and Medicine. They can help students connect with faculty, discuss academics and share their research experiences. If they can't answer your question, they are happy to point you in the right direction!

The squad is a great resource for students seeking information on things like what they did to prepare for med school, or their experiences with studying abroad, or how they found their research mentors and much more. Benefit from those who have chosen similar career paths.

The profiles of this year's advisors are listed below. Be sure to read up on their backgrounds and reach out to them with your questions. You may contact them by sending e-mail to the entire squad [UPBMPeerAdvisers@u.rochester.edu](mailto:UPBMPeerAdvisers@u.rochester.edu). or individually (see profiles for addresses below).



**Erica Cornell BBC**  
[ecornel2@u.Rochester.edu](mailto:ecornel2@u.Rochester.edu)

Erica Cornell is a peer advisor for the Biology department for 2017-2018. Erica currently majors in Biochemistry and minors in Spanish and Chemistry. Additionally, Erica studied abroad in Granada, Spain in Summer 2016. Erica worked in the Biochemistry Department at the UR Medical Center-Ermolenko Lab and does research in mRNA end-to-end distance. Erica spoke at a sports medicine symposium about patellar instability and recovery after medial patellofemoral (MPFL) reconstructive surgery. Outside of academics, Erica was a BIO110 workshop leader, Journal of Undergraduate Research content editor, and volunteered at Friends of Strong in the Wilmot Cancer Center.



**Laura DiRienzo BMG**  
[ldirienz@u.Rochester.edu](mailto:ldirienz@u.Rochester.edu)

Laura DiRienzo is a peer advisor for the Biology department for 2017-2018. Laura currently majors in Molecular Genetics and minors in Chemistry and Psychology. Laura currently conducts research at Wei Hsu Labs in the Department of Dentistry at URM. Laura was an Orthopedic Research Intern at the Veterans Hospital in Memphis. Outside of academics, Laura is part of UR Women's Rugby and the Relay For Life Committee for Colleges Against Cancer and was a TA for Introductory Biology (BIO 110).



**Ryan Grimes BMG**  
[rgrimes@u.Rochester.edu](mailto:rgrimes@u.Rochester.edu)

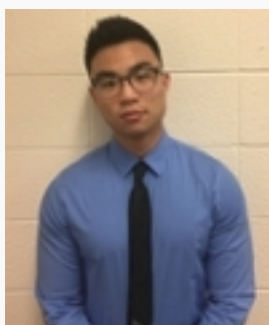
Ryan Grimes is a peer advisor for the Biology department for 2017-2018. Ryan currently majors in Molecular Genetics and minors in Chemistry. Additionally, Ryan studied abroad in England, UK during 2016-2017 academic year. Ryan did research in neuroscience and the gut-brain connection at University of Oxford, Warneford Hospital. Outside of academics, Ryan was a TA (BIO112 and BIO110), and is part of the Meridian Society and Student Alumni Ambassadors.

## UNDERGRADUATE PROGRAM IN BIOLOGY AND MEDICINE (UPBM) E-NEWS



Clara Wolfe BBC  
[cwolfe4@u.Rochester.edu](mailto:cwolfe4@u.Rochester.edu)

Clara Wolfe is a peer advisor for the Biology department for 2017-2018. Clara currently majors in Biochemistry. Additionally, Clara studied abroad in Germany for summer research. Clara is a researcher in the Ghaemmaghami Lab and conducted research at Yale University in Summer 2015. Outside of academics, Clara is part of Varsity Cross Country and Track, and a TA for both Genetics (BIO 198) and Biochemistry (BIO 252).



David Yang BNS  
[dyang20@u.Rochester.edu](mailto:dyang20@u.Rochester.edu)

David Yang is a peer advisor for the Biology department for 2017-2018. David currently majors in Neuroscience. David is currently working at the Gorbunova Lab and was at the the Friedman Lab during the Summer of 2015. Outside of academics, David is the Philanthropy chairman for Sigma Alpha Mu and also sponsored a downhill skateboarder for Bustin Boards Co.

#### Related:

- [Peer Mentors](#)
- [UPBM Newsletter June 2017 Special Edition](#)

## Evaluation of Transfer Credit

AKA course approval / 3 part-process / New On-line Form

Students who have taken or plan to take a course elsewhere will need to:

- 1.) Submit online BioTransfer Credit Evaluation Form: <https://form.jotform.com/70526468855164> (**New**)
- 2.) Get advisor approval after evaluation if they plan to apply them to their major
- 3.) Submit the paperwork to CCAS in Lattimore 312

**TRANSFER STUDENTS:** Although the credit from outside courses may transfer to the UR you will need to make sure the courses you have taken are equivalent to the ones needed to meet the requirements of your intended major or minor. Be sure to obtain a copy of the syllabi to have your courses evaluated and approved for application to your major.

**SUMMER CATCH UP COURSES:** Taking a course at a local college over the summer? Research the course catalogs of the accredited college & universities closest to you to find a course that meets your needed and obtain a copy of the syllabus for further departmental evaluation of its equivalency to UR Biology Courses and advisor approval.

**STUDY ABROAD COURSES:** Looking for courses to take while studying abroad? Contact the Study Abroad office to get information on biology course offerings from the institution of interest during the semester you plan on attending. Make sure the institution will offer the course during the semester you plan to attend and that a syllabus is obtained for further departmental evaluation and advisor approval.

## UNDERGRADUATE PROGRAM IN BIOLOGY AND MEDICINE (UPBM) E-NEWS

If you are a UPBM major be sure to schedule a meeting with the [UPBM administrator](#) and faculty advisor to discuss how the course will fit into your schedule and academic goals.

\*The Biology Department does have information on file about past course evaluation submission. However, this information is not always reliable as change is constant. Conducting individual investigations is recommended

**TIPS WHEN SHOPPING FOR COURSES ELSEWHERE** - A checklist of things to keep in mind:

- Make sure the course is not “pre-professional” in nature. Examples include most courses in nutrition, nursing or involving technical training that might lead to a career such as emergency medical technician (E.M.T.) training
- Course is rooted within the biological sciences - Earth and Environmental Sciences is a different department
- Make sure the course is applicable to a biological or Life Science degree at the institution being taken at
- If considering a course from a 2-year institution make sure the course is intended for students transferring to 4-year institutions (info can be found in course catalog)

**TURNAROUND:** Course approvals are reviewed around the middle and the end of each month so please build in enough turn around time. Not including syllabi and incomplete forms will slow down the process.

### Related

- [BIO Transfer Credit Evaluation Form \(New\)](#)

## Intensive English Language Program

The University of Rochester is offering two sessions of an Intensive English Language program. The first session runs from October 16-December 15. The second session runs from January 15-March 10. Each session runs for 16 weeks.

Session one facilitates acquisition and refinement of skills. Session two focuses on employing skills to enhance critical analysis and academic confidence.

The cost varies depending on the number of courses you select. A one-time administrative fee of \$75 will apply.

Here are three great reasons you should study the IEP at the University of Rochester:

- 1.) Improve your English comprehension and you will improve your overall grades
- 2.) Your academic self-confidence will increase as you increase your English skills
- 3.) Extra language support and working with your international peers will help you keep up with the rigors of our world-class institution

The IEP program modules include:

- University Success Seminar-3 hrs. Per week
- Academic Speaking and Listening-3 hrs. Per week
- Academic Reading- 3 hrs. Per week
- Academic Writing- 3 hrs. Per week
- Creative and Critical Thinking-3 hrs. Per week

For more information, please visit the Global Engagement website. For any enrollment questions, please email [IEP@rochester.edu](mailto:IEP@rochester.edu).

### Related:

- [Global Engagement Programs and Partnerships IEP](#)
- [Interest Form](#)

## Society for Undergraduate Biology Students

Mission / How to Join / Website



**SUBS Mission:** “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.”

SUBS plans many events throughout the year, including the UPNM Pizza Study Break, so stay tuned for more information on club events and dates.



Students can join by visiting the SUBS Website or by contacting the Club President, Jason Glanzman'18, BNS at: [jglanzma@u.Rochester.edu](mailto:jglanzma@u.Rochester.edu)

### Related:

- [Society for Undergraduate Biology Students Website](#)
- [On-line SUBS T-shirt Order Form](#)



## UNDERGRADUATE PROGRAM IN BIOLOGY AND MEDICINE (UPBM) E-NEWS

## Junior Year-Abroad

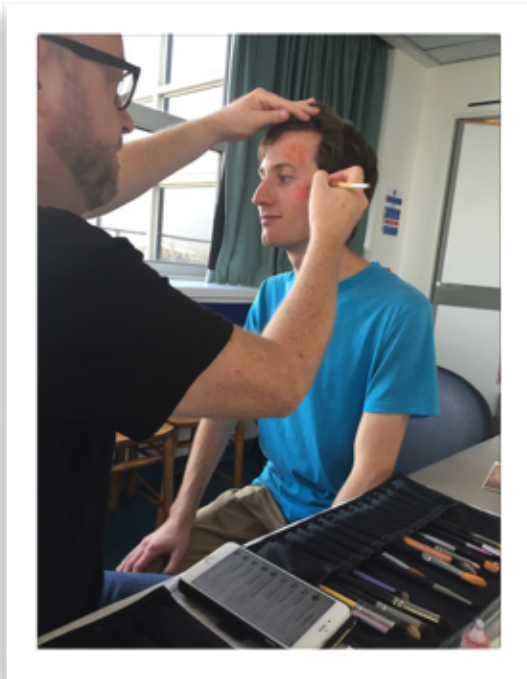
Experiencing Science One Country at a Time in London, Paris, & Jerusalem

By Eli Rogers '18, BMG

Dear U of R Biology community,

I wanted to keep you updated on sciency things I'm up to abroad, so I figured I would send an update, now that I've been away for six months (hard to believe it's been so long already)!

I worked over the summer in the UK with a MD/PhD research group from Imperial College London. We are building a smartphone app for burns treatment, which I helped to write and develop, and additionally had the opportunity to shadow in the ICU (and coincidentally was taught how to IV and how to drain pulmonary effusions). My second project was regarding delirium management in the ICU - I coauthored a textbook chapter for the Oxford Handbook of Critical Care, which is required reading for medical students and intensivist physicians.



I was funded to return to London to help film some demonstration videos about burns treatment, and ended up getting a makeup burn painted on me by Prince William's makeup artist (photos attached)! I've kept in contact with the group, returning for a British Burn Association symposium on burns treatment several weeks ago, and I'm intending to return again in a few months.



In Paris, I've been working with a cytogenetics lab at a prominent children's hospital (Hôpital Trousseau) associated with the Université-Pierre-et-Marie-Curie. We are doing research on chromosomal translocations in sperm with the goal of stratifying sperm donations to choose the healthiest ones for in-vitro fertilization, with quite promising results. The lab is all French-speaking, so the entirety of my research has been conducted in French (a steep learning curve at the beginning, let me say), but I am on the publication and I am now everyone's first resource for grammar-checking their English manuscripts. :

I am in Paris until the end of the year, and then it's off to Jerusalem! I have done my best to spread Rochester's name around these places, and so far I think I've been pretty successful.

I hope my stories can help the bio department in some way! I just wanted to make sure you're hearing all the news. Thanks so much for all of your help with the study abroad process, I'm having such a wonderful time traveling.

Cheers,  
Eli Rogers

## UNDERGRADUATE PROGRAM IN BIOLOGY AND MEDICINE (UPBM) E-NEWS

## Senior Slide Show

Never too early for pictures

I realize it is September but really, May is going to be here in a hot Texas minute people.

The senior slide show is a collection of pictures from our graduates that is shown at the Biology Department Diploma Ceremony on Sunday 5/20/18. It is a great way to celebrate the times you've shared and will always cherish. Pictures should be of you and your colleagues (Bio and Non-BIO) having fun. Yes, your parents will probably be seeing the slide show if they attend the Diploma Ceremony.

Please feel free to forward your pics, selfies and other various to Allyson Withey in the [UPBM Office](#).

Related:

[Senior Slide Show 2017](#)

[UPBM Newsletter June 2017 Special Edition](#)

## 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](#)

[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](#)

## UNDERGRADUATE PROGRAM IN BIOLOGY AND MEDICINE (UPBM) E-NEWS

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](#)

One Start  
[Your chance to win US\\$150k to realize your biotech business idea](#)

PIRG - Job Openings for Graduating Seniors  
<http://jobs.studentpirgs.org/>

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, 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](#)

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

World Teach  
[Programs](#)



UNDERGRADUATE PROGRAM IN BIOLOGY AND MEDICINE (UPBM) E-NEWS

## Upcoming Events in 2017-18

Will e-mail more information out as we get closer to the events

10.13.2017 (Friday)	UPBM Poster Session (Meliora Weekend Event)
October 2017 (TBD)	Undergraduate Research Fair
October 2017 (TBD)	National Student Fellowships & Awards: Information Sessions
December 2017 (TBD)	UPBM Pizza Break - usually during reading period
03.02.2018 (Friday)	de Kiewiet Fellowship Letter of Intent e-mail due (Juniors only)
03.05.2018 (Monday)	Honors in Research Application for candidacy due (Seniors only)
03.19.2018 (Monday)	de Kiewiet Fellowship application materials due (Juniors only)
May 2018 (TBD)	UPBM Pizza Break - usually during reading period
05.04.2018 (Friday)	Honors in Research candidates must defend thesis by first Friday in May
05.20.2018 (Sunday)	Biology Department Diploma Ceremony (Commencement)

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## Contributors / Feedback

### Sharing Means Caring

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

What type of things are you looking for? Anything students feel their colleagues may: benefit from, find interesting, helpful, and / or funny that is generally pertaining to the college experience. Pictures (tasteful) are good as well.

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