

UPBM E-NEWSLETTER

Undergraduate Program in Biology and Medicine

UPBM E-NEWSLETTER October 2013

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Phillip Cohen '14

Nancy Bui '14, Jordan Snajczuk '15, Phillip Cohen '14, and Sarah Obudzinsk '14 find their Meliora Moment at Mon Klint, a chalk cliff on the island of Møn in Denmark.

“We Know What You Did Last Summer”... *Well Not Really, But We'd Like to?* Welcome Back / Share your Summer Experiences

Although it is painful to see summer and “Breaking Bad” end, the UPBM is glad to see students return safely and in one piece.

The chance that some of you may have had some pretty amazing experiences over the summer seems likely? Is this true? If so, we encourage you to share your experiences with your colleagues.

Whether students attended an awesome summer program overseas, worked in a morgue, rescued wild animals, volunteered in a community center, witnessed the “*Big Bang Theory*” test at the Mile Hadron Super Collider or worked on a Med Life Project...we would love to know.

Sharing your experience allows others who are considering similar paths to gain insight as well as lend exposure to excellent programs that may not be well advertised other.

Submissions will be published in the November 2013 edition of the UPBM e-newsletter (as long as they are in good taste). All interested should send their stories and pictures (if possible) by e-mail to the [UPBM Office](#).

UPBM Poster Session 2013

Join Us / All UPBM Majors Welcome!

All UPBM majors, faculty, and alumni are welcome to attend the UPBM poster session on Friday 10/11/13 from 3:30pm - 5pm in the Hutchison Hall Green Lounge.

The Annual UPBM Poster Session is a great opportunity for undergrads, faculty, and alumni to network and TALK SCIENCE! This is also a good opportunity for students who are looking to get into research to ask our presenters how they got their start.

Cookies and punch will be served. Bonus!

Related: [2012 UPBM Poster Session Slideshow](#)

Independent Research (xxx 395) Biological Science Courses About / Tips on Getting Started / New Registration Process

Independent Research, also referred to as 395 courses, allows students to garner valuable research experience while gaining academic credit for their work in the laboratories of program faculty located in UR's River Campus or Medical Center. Approximately 80 to 100 Bioscience Independent Research (xxx395) courses are registered each semester.

Some UPBM majors allow students to use 395 to meet certain major requirements while others do not. All interested should consult the [UPBM Major Requirements Website](#) and their academic advisor to learn more about possible applications to their majors.

Typically a student and faculty members agree to register a research project as a course. Although research courses are not typical lecture hall experiences they are still considered a course that requires defined objectives, learning outcomes, contact hours, and criteria for evaluation that is normally associated with regular credit-bearing courses. Independent Research courses involve hands-on benchwork and laboratory techniques that are **non-clinical** in nature.

New Fall 2013 the process to register a 395 course has changed. Instructions and slideshow on this new process are available on-line at: <http://www.rochester.edu/college/BIO/UPBM/IndependentResearch/Registering.pdf>.

Related:

[Getting Started in Research / Office of UG Research](#)

[Edwina the Research Fairy Answers Your Questions About Getting Started in Research / Office of UG Research](#)

[How to Find a Research Mentor](#)

[On-line Registration Process Instructions & Slideshow - New!](#)

[Research Connections Newsletter](#)

Society for Undergraduate Biology Students (SUBS)

Mission / How to Join / SUBS Events this Semester

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."

Students can join by visiting the [SUBS Website](#) or by contacting the Club President, [Chelsea Hans](#), '14, BCD.

Meeting and events scheduled for Fall 13 are:

- ▶ **October 21st** (Monday): Jobs, Labs, Study Abroad, & Spring Class Preview - Goergen 101
- ▶ **November 19th** (Monday): Kaplan, Grad, Medical & Dental Schools - Goergen 101
- ▶ **December 2013** (Reading Week): Study Break Breakfast with Students and BIO Faculty.
Date, time and location to be announced.



Related

[SUBS Website](#)

International Funding Opportunity for Students Chinese Government Scholarship

UR Global seeks applications from undergraduate and graduate students for scholarship to study at a Chinese university in 2013-2014.

The Chinese Consulate in New York has established a scholarship for UofR undergraduate and graduate students to study at a Chinese university in 2013-2014. [Applications close February 8, 2014.](#)

For more details visit: <http://www.rochester.edu/global/archive/View/112>

Degree with Distinction in Research

About / General Planning Timeline /

A degree with distinction in research is an honor that recognizes a student for outstanding accomplishments in research. Students majoring in the Undergraduate Program in Biology and Medicine (UPBM) with research of exceptional quality and a minimum BIO GPA of 2.7 may apply for candidacy during their senior year. 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.

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 beforehand. Students may use research obtained through Independent Research (395) courses, fellowships, internships, and voluntary work to compose their senior thesis. 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.

Interested students must submit an [application for candidacy](#) to the UPBM office (Hutchison 402F) with the endorsing signatures of both their research mentor and major/track coordinator by, **Friday February 28th, 2014**. Please note that students do not need to register an Independent Research (395) course to do a senior thesis unless necessary to complete experimentation ([more...](#))

Related:

[Application](#) (Downloadable)

[Full Guidelines](#)

[Timeline for Planning Senior Thesis](#)

Opportunities

Alaskan Observers North Pacific Ground Fish Observer North Pacific Ground Fish Observer Position Openings	Fulbright Scholarship US Student Program
Albert Einstein College of Medicine Summer Undergraduate Research Program	Gerstner Sloan-Kettering Summer Undergraduate Research Program
Case Western Reserve University Summer UG Research in Pharmacology	Harvard Medical School Summer Undergraduate Research Internship Program
Case Western Reserve University Summer Programs	Harvard School of Public Health Summer Program in Biological Sciences Public Health
Cold Spring Harbor Laboratory Watson School of Biological Sciences Summer Undergraduate Research Program	Homeland Security DHS Education Programs HS-STEM Summer Internship Program
Columbia University IGERT Research Program for Undergraduates	Institute for Health Metrics and Evaluation (IHME) Post-Bachelor Fellowship
Columbia University / Barnard College Amgen Scholars Summer Research Program	Louisiana University Marine Consortium Summer Field Course Information
Cornell University Boyce Thompson Institute for Plant Research Internships	MATCH Education Teacher Residency
Cornell University, College of Agriculture & Life Science Summer Research Scholars Program	MedLife Volunteers
Fred Hutchinson Cancer Research Center Summer Undergraduate Research Program	Michigan State Veterinary Enrichment Summer Program
Fred Hutchinson Cancer Research Center Internships in Scientific Research or Medicine	New York State Dept. of Environmental Conservation Summer Employment Opportunities

<p>One Hear Source Volunteer Opportunities in Africa</p>
<p>Research Internships in Science and Engineering RISE Website</p>
<p>Roswell Park Cancer Institute Summer Research Programs</p>
<p>Teach for America Opportunities</p>
<p>Texas Tech University Health Sciences Center Summer Accelerated Biomedical Research Internship</p>
<p>The Chicago Center for Systems Biology Summer REU Summer REU Program in Systems Biology</p>
<p>The UNCF Merck Science Initiative Science Scholarships and Fellowships:</p>

<p>The University of Iowa Summer Undergraduate MSTP Research Program</p>
<p>University of California Berkeley Amgen Scholars UG Summer Research Program</p>
<p>University of Notre Dame Environmental Research Ctr. Summer Programs</p>
<p>University of Rochester Research Positions</p>
<p>University of Rochester, UG Program of Bio & Medicine deKiewiet Summer Fellowship</p>
<p>University of Texas South Western Summer Undergraduate Research Fellowship SURF</p>
<p>World Teach Opportunities</p>

★Any feedback on these programs greatly welcomed (positive or negative).

Helpful Links and Resources

This -n- That

[Athletics](#)
[Biology Department](#)
[Center for Study Abroad & Interdepartmental Programs](#)
[Counseling Center](#)
[Dining](#)
[Directory](#)
[Employee Discounts](#)
[Gwen Green Career and Internship Center](#)
[Facilities](#)
[Information Technology](#)

[Journal Of Undergraduate Research \(JUR\)](#)
[Kaplan Test Prep and Admissions](#)
[Libraries](#)
 ★[Pet Tigers Band - Check it Out](#)
[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](#)

Contact Us

Please feel free to send submissions and / or any feedback to the [UPBM Administrator](#).

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