

# UPBM E-NEWSLETTER

Undergraduate Program in Biology and Medicine

UPBM E-NEWSLETTER November 2013

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UR Photo Friday submission by Ms. Crystal Cusimano, Dean's Office "Red"

## Annual UPBM Poster Session

### HUGE success

Twenty UPBM majors came together to present posters of their research findings on Friday, October 11th of Meliora Weekend. The event was well attended and a huge success.

A slide show of the event was made with pictures taken by Dr. Benyajati so that the magic can be relived over and over again. Click on "[2013 Slideshow](#)" and enjoy.

Thank you to all who attended especially, our UPBM presenters:

- |                                |                                   |
|--------------------------------|-----------------------------------|
| ● Zachariah Adham '14, BNS     | ● Mehr Kashyap '15, BCD           |
| ● Sarah Bjork '14, BCD         | ● Shannon Keating '15, BEB        |
| ● Michael Breen '15, BMB       | ● Gregory O'Connor '14, BBC, PSY  |
| ● Chelsea Choi '15, BIO        | ● Junne Park '15, BCD, HLP        |
| ● Phillip Cohen '14, BMB       | ● Yanhan Ren '14, BMG             |
| ● Hillary Figler '14, BMB, PSY | ● Patrick Schupp '14, BMB, BSB    |
| ● Erin Fry '14, BMG            | ● Joseph Soucy '14, BMG           |
| ● Chelsea Hans '14, BCD        | ● Brianna Spencer '14, BBC        |
| ● Alisa Johnson '14, BIO       | ● Jacob VanderBurgh '14, BCD, BME |
| ● Sarah Joseph '14, BMG        | ● Katherine Wegman '15, BIO, ANT  |

Student's who missed out will get another chance to present in the April 2014 in the [Undergraduate Research Exposition](#) coordinated by the [Office of Undergraduate Research](#). Visit their website for more details.

## 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.

#### Upcoming Events

- ▶ **December 16th, 2013 (Monday) 12pm - 2pm, Hutchison 341:** Study Break Pizza Lunch Breakfast & Holiday Food Drive with Students and BIO Faculty Hutchison - Who is invited? Absolutely All UPBM majors and BIO department Faculty and Staff.

#### Related

[SUBS Website](#)



## 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 488) 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](#)

## Independent Research (xxx 395) Biological Science Courses

### Registering Courses for Spring 14

Students who would like to register a 4-credit Independent Research xxx 395 course next semester have until February 4th, 2014 to submit their paperwork to the UPBM office. For instructions on how to register a 395 course visit the following link: <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](#)

[Research Connections Newsletter](#)

## The Gwen Greene Career and Internship Center

There is help for undergraduate students searching for summer jobs, internships or research positions available at The Gwen M. Greene Career and Internship Center. The Career and Internship Center on campus offers one-hour workshops every Tuesday, Wednesday and Thursday at 1 p.m. and 5 p.m. .

Workshops explore five different topics such as: "Getting Started Q& A", "Intro to Internships", and "Networking Techniques and Tools." No registration is required.

Students may choose to attend as many workshops as they would like.

The complete schedule workshops is available on-line at the following URL: <http://www.rochester.edu/careercenter/students/programs/seminars/descriptions/>.

The Gwen M. Greene Career and Internship Center is located in 302 Meliora Hall and is open during the academic year Monday-Friday from 9am-5pm. Hours may vary during school breaks and the summer term.

### Related

[Gwen M. Greene Career and Internship Center Website](#)

## Seniors: Pictures for Senior Slide Show & Theme Song Needed

### Biology Department Diploma Ceremony (BIO, BCD, BEB & BMG Majors)

The Senior Slide Show is a Biology tradition and is viewed each year during graduation at the Department Diploma Ceremony .

This is a great way to have one last laugh or cry with your classmates and of course show your family what an awesome time you had at the UR. However, we need pictures and a theme song to make this happen.

The pictures and theme song should represent your experiences with your colleagues and of course be tasteful. Feel free to type in comments, names, titles..it's all good.

Need a visual? Visit the [Senior Slide Website for the Class of 2013](#) Diploma Ceremony.

Help make the senior slide show a huge success and e-mail your pictures and theme song suggestions to the UPBM administrator before May 1st, 2014.

Details about this year's Diploma Ceremony will be forwarded to majors next month.

### Related

[Commencement 2014 Website](#)  
[Senior Slide Show from 2013](#)

## Opportunities

★We would love to hear if any of these opportunities work out for you! Your success is our success!

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](#)

Case Western Reserve University  
[Summer UG Research in Pharmacology](#)

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

Columbia University  
[IGERT Research Program for Undergraduates](#)

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

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

Cornell University, College of Agriculture & Life Science  
[Summer Research Scholars Program](#)

Deutscher Akademischer Austausch Dienst (DAAD)  
[Research Internships in Science and Engineering \(RISE\)](#)

★Continued on page 4

## Opportunities (...continued)

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

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

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

Fulbright Scholarship  
[US Student Program](#)

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

Harvard Medical School  
[Summer Undergraduate Research Internship Program](#)

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

Homeland Security DHS Education Programs  
[HS-STEM Summer Internship Program](#)

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

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](#)

New York State Dept. of Environmental Conservation  
[Summer Employment Opportunities](#)

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

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

Research Internships in Science and Engineering RISE  
[Deutscher Akademischer Austausch Dienst \(DAAD\)](#)

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

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

Teach for America  
[Opportunities](#)

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

The Chicago Center for Systems Biology Summer REU  
[Summer REU Program in Systems Biology](#)

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

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

University of California Berkeley  
[Amgen Scholars UG Summer Research Program](#)

University of Notre Dame Environmental Research Ctr.  
[Summer Programs](#)

University of Rochester  
[Research Positions](#)

University of Rochester, UG Program of Bio & Medicine  
[deKiewiet Summer Fellowship](#)

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

University of Utah  
[Undergraduate Research Programs](#)

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

World Teach  
[Opportunities](#)

★We would love to hear if any of these opportunities work out for you! Your success is our success!

## Science Fellowship Opportunities

### UR Fellowships Office Encourages Students to Apply / Upcoming Events & Deadlines

Listed below are opportunities from Director, Belinda Redden of the UR Fellowship Office regarding upcoming events and deadlines. Feel free to [contact the Fellowship Office](#) for more information or help with applications. FYI - A few of our own, **David Liebers '09**, HIS / BEB and **Fatima Bawany '15**, BIO/ RLS, will be presenting.

#### FELLOWSHIP INFO SESSIONS, PRESENTATIONS

**Thursday, Nov. 21st, 3:30-5:00 pm, Career & Internship Center Conference Room, Dewey, 4-200**

**International Fellowships:** Alumnus **David Liebers '09**, BEB/HIS discusses his international post-graduate experiences in Poland and the UK made possible by the Humanity in Action Foundation Fellowship, the Gates Cambridge Scholarship, and the Fulbright U.S. Student Grant Program. Students interested in international human rights and international study or research via the Fulbright program are encouraged to attend. International students of at least sophomore standing may apply for the HIA; only U.S. citizens may apply for the Fulbright student grant program. Students of any national origin (except for UK citizens) may apply for the Gates Cambridge Scholarship.

**\* Friday, November 22nd, 1-2 pm, Lattimore 401 (Hartman Room).**

**Fulbright Student Grant Program Overview:** Students who are U.S. citizens and interested in an international study, teaching, or research experience after graduation are invited to come learn more about the Fulbright U.S. Student Grant Program. Graduate students and alumni may also apply for the Fulbright through UR. The grant competition for 2015-16 awards will open in the spring, but now's a good time to get informed and begin planning. Students going abroad for spring 2014 are strongly encouraged to attend a Fulbright session before leaving.

**\* Friday, Nov. 22nd, 2-3 pm, Lattimore 401 (Hartman Room)**

**Kathryn W. Davis Projects for Peace Fellowship:** What Could You Do with \$10K for Peace? Find out about the Davis Projects for Peace Fellowship presented by **Fatima Bawany '15** BIO, RLS. All undergraduates are eligible to apply.

#### FELLOWSHIP APPLICATION CYCLES AND DEADLINES:

**December 5th**

##### **UNCF Merck Undergraduate Research Scholarship**

15 awards of up to \$30,000 to help **African-American** undergraduate students of **junior standing** who are interested in **science** to further their science education and potentially pursue science and engineering careers. The UNCF

- Merck awards provide tuition support and opportunities for research experience in a state-of-the-art research facility. Minimum **GPA of 3.3** on a 4.0 scale required. Applicants must be a **U.S. citizen or permanent resident** of the United States. Must also be committed to and eligible for the summer internship at a Merck research facility.

**December 6th - January 31st**

**RISE (Research Internships in Science & Engineering) Scholars 2014 Application Cycle. International Summer Science Research Opportunity:** Jump-start or expand your STEM research career in Germany this summer! Apply for the 2014 DAAD-RISE (Research Internships in Science & Engineering) Scholarship Program. RISE combines research and international experience in one great program. Students of **at least sophomore standing and of any national origin** may apply. See the [RISE website](#) for full program details, and consult the [Student Fellowships Office](#) for advisement on your application. UR had the second highest number of participants in the 2013 RISE program (9) after Ohio State, I believe. Our students have established a great reputation in this program. Let's get more UR applicants for 2014, and let's encourage under-represented minority students to apply. This can be a great first research experience.

**December 16th**

**SMART (Science Mathematics and Research for Transformation) Scholarship for Service.** Undergraduate and graduate scholarships for students who are U.S. citizens pursuing degrees in STEM disciplines of critical importance to national security. See [SMART website](#) for full program details, and consult the [Student Fellowships Office](#) for advisement on your application. Freshmen - graduate students may apply.

See Fellowships Office website for further information: <http://www.rochester.edu/college/studentfellowships/>

## 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](#)
- [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](#)

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