

UPBM E-NEWSLETTER

Undergraduate Program in Biology and Medicine

UPBM E-NEWSLETTER February 2013

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February 2013

SUBS T-Shirt Design and Logo by Lauren Vigneau Available Now!

Society for Undergraduate Biology Students (SUBS)

Mission / Upcoming Events / T-Shirts 4 Sale

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 Upcoming Events

***Monday March 4th** Majors Fair / General Interest Meeting from 6pm-8pm in Wilson Commons Bridge Lounge

***Monday March 18th Stem Cell Debate/Discussion** from 6pm-8pm in Wilson Commons Gowen Room with Dr. Mark Noble, head of the Department of Regenerative Medicine at the URM and Jann Armantrout, a member of the Ethics Committee of the Empire State Stem Cell Board. This debate will be moderated by Dr. Shaw-Ree Chen and Dr. Richard Dees who teach the Ethics of Stem Cells class offered here at The College.

***Tuesday March 19th Silent Auction** from 10am-6pm in Wilson Commons Hirst

Lounge: will feature items donated from the community including a Kaplan class and a Princeton Review class of the winner's choosing

***Thursday March 20th Senior Night 21+** Bar Party with the senior class council with the Senior Class Council. Further details are to be announced.

***Friday March 21st Club Rochester “Mad Scientist Happy Hour”** at the Meliora restaurant Salon D from 4-5:30pm this event will also be co-sponsored with the Society of Physics Students and the Undergraduate Chemistry Council.

T-Shirts (see above) are Available for Purchase Now. Please download the [T-shirt order form](#) and submit to the [UPBM office](#) or [John Dawson](#) or [Jeff Bulger](#) by April 23rd, 2013.

Related

- * [SUBS web site](#)
- * [SUBS T-shirt Order Form](#)

Juniors deKiewiet Fellowship Summer 2013

Letter of Intent Due Friday March 1st, 2013

The de Kiewiet Summer Research Fellowships are designed to give University of Rochester students in the B.S. and B.A. Tracks in the Program in Biology and Medicine an opportunity to obtain substantial research experience in the laboratories of Program Faculty. The Faculty in the Program include all members of the following departments along with many faculty from other biomedical departments: Biology , Biochemistry and Biophysics , Microbiology and Immunology , Neurobiology and Anatomy , Neuroscience , Oral Biology , Pharmacology and Physiology. Students in their junior year are invited to submit competitive applications.

De Kiewiet Fellows work for ten weeks during June, July, and August in the lab of their research mentor and receive a stipend. Additionally, deKiewiet fellows present a poster of their research at the [UPBM Poster Session](#) in October of their fellowship year.

All junior UPBM majors, who will be seniors next year (rising seniors), and are officially declared are eligible to apply for the deKiewiet fellowship. UPBM majors include the following tracks BA BIO (Biology), BS BBC (Biochemistry), BS BCD (Cell and Developmental Biology), BS BEB (Ecology and Evolutionary Biology), BS BMB (Microbiology), BS BMG (Molecular Genetics), and BS BNS (Neuroscience).

Students applying for the fellowship will need to e-mail a letter of intent to the [UPBM Office](#) by **Friday, March 1st, 2013**. Candidates will be required to submit a [formal proposal](#) and two letters of support by **Monday, March 18th, 2013** (first Monday after spring break).

Related

- *[Formal Proposal Guidelines](#)
- *[2012 deKiewiet Photo Album](#)



Seniors Obtaining a Degree with Distinction in Research

Application for Candidacy Due Thursday, March 1st, 2012

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.

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, **Thursday March 1st, 2013**.

Related

- [Degree with Distinction in Research Guidelines](#)
- [Timeline for Planning a Senior Thesis](#)
- [Application for Candidacy](#)

Course Approval for Biology Transfer Credit

Does your summer plans include taking a biological science course elsewhere?

Students who plan to take Biological Science Courses at other institutions require course approval from the biology department **and** from the the academic advisor of the major they plan to apply the transfer credit to.

Please be sure to contact the [UPBM office](#) with the Biology courses you wish take elsewhere or abroad a few months in advance so there is ample time to find other courses should they not be approved. It is never a good idea to contact the UPBM office a few days before the course starts. Expect at least a week to 10-day turnaround for responses.

Related

- [Blo Course Evaluations for Transfer Credit Instructions](#)

Seniors: Parting Thoughts Submissions Due April 1st

The Biology Department publishes an annual newsletter at graduation time entitled, "The Open Reading Frame". The newsletter is distributed at the Biology Department Diploma Ceremony and then posted to our webpages and shared with the entire UPBM graduating class. The Open Reading Frame Newsletter conveys information about the program's graduating class and their accomplishments, as well as current news from Biology Department faculty.

This year we would like to encourage senior UPBM majors to leave us with some final thoughts upon graduation. Specifically, we ask that students share their most memorable moments and/or achievements at the UR -- those that will remain with them long after diplomas are hung on the wall. This approach differs from last year's "Life Shaping Experiences" segment of the newsletter in that we are asking students to

contribute a few words as opposed to long articles. Need a visual? Visit the [Open Reading Frame Newsletter May 2012 Website](#).

Needless to say (but I will anyway) all submissions must be tasteful and will be screened to make sure they are worthy of publication. Each contributor's name and major will be attached to each published submission. Please leave a parting thought by visiting the ["Parting Thoughts" Website](#). **All entries must be submitted by April 1st, 2013.**

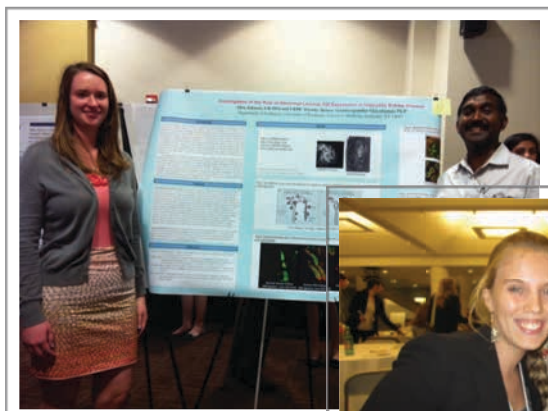
Please note that if we do not receive enough responses we will not publish this piece in our newsletter, so please encourage your colleagues to participate as well.

National Collegiate Research Conference UPBM Majors Show up and Show Out - Submitted by Alisa Johnson '14, BIO

Four UR undergraduates- **Shilpa Topudurti '14 BMG, Anaise Williams '13 BIO, Alisa Johnson '14 BIO, and Siddhi Shah '14 BIO** travelled to Boston to present their research at the 2nd Annual National Collegiate Research Conference (NCRC) at Harvard University from January 24-26, 2013. More than 200 participants from 59 different universities including schools in Pennsylvania, Ohio, Arizona and Georgia were selected to attend NCRC. Conference highlights included professional keynote speakers from leaders in various fields including psychology and culture, life sciences and economics along with a variety of workshops, panel discussions, tours to explore Boston and undergraduate oral and poster presentations. All 4 Rochester students presented their research during one of three organized poster sessions. Anaise Williams won the Award of Excellence for her work and

presentation on Understanding pregnancy in rural northeastern Thailand: Local customs and Western biomedicine. This event is an awesome opportunity for students from around the country to connect and network with others who share a passion for active involvement with research at the undergraduate level.

Related:
[NCRC Website](#)



Seniors Again: 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 2012](#) 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, 2013.

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

Related

[Commencement 2013 Website](#)
[Senior Slide Show from 2012](#)

Undergraduate Research Exposition 2013

Deadline Extended To midnight on February 28, 2013

This year the Undergraduate Research Exposition will take place on the afternoon of April 19th from 12:30 to 4:00 p.m. The Exposition will be comprised of two venues for the presentation of undergraduate research: a Symposium for twelve oral presentations and a Poster Presentation Fair.

Students interested in participating in the Symposium and/or the Poster Fair are requested to fill out an [application form](#) and submit it electronically to the [Office of Undergraduate Research](#) by **February 28 (Midnight)**. Three students from each of the four disciplinary areas in the College will be invited to present a talk at the Symposium. Review committee members will be present at the Symposium talks and

they will select one student from each of the four Symposium sessions to receive the President's Prize at the award session.

For more details visit the [Undergraduate Research Expo Website](#).

Related

[Office of Undergraduate Research](#)
[National Conference on Undergraduate Research](#)
[Visual Art in Undergraduate Research Competition](#)

The Gwen Greene Career and Internship Center

Resources To Help Find Summer Jobs, Internships or Research Opportunities

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](#)

Opportunities

Links to Program Information

Have any of these worked out for you? Feel free to e-mail the [UPBM Office](#) with your feedback. Positive and negative feedback are welcome.

Alaskan Observers North Pacific Ground Fish Observer Positions Available Year-Round: <http://www.alaskanobservers.com/observer.html>

Albert Einstein Summer UG Research Program: <http://www.aecom.yu.edu/phd/index.asp?surp>

American Association for Cancer Research Minority Scholar in Cancer Research Awards: <http://www.aacr.org/home/scientists/meetings--workshops/travel-grants/minority-scholar-awards.aspx>

Amgen Scholars Program At Columbia University <http://www.columbia.edu/cu/biology/ug/amgen/>

Amgen Scholars Program at UC Berkeley <http://amgenscholars.berkeley.edu>

Cornell University / Boyce Thompson Institute for Plant Research: Summer Research Program <http://www.bti.cornell.edu/internships>

Case Western Reserve Summer Research Program http://casemed.case.edu/admissions/research/summer_programs.cfm

Case Western University Summer UG Research in Pharmacology <http://pharmacology.case.edu/education/surp.aspx>

Chicago Center for Systems Biology Summer REU <http://www.igsb.org>

Coastal Marine Education and Research Academic <http://www.coastalmera.com/>

Cold Spring Harbor Laboratory Watson School of Biological Sciences Undergraduate Research Program <http://www.cshl.edu/URP/>

Columbia University/Barnard College Amgen Scholars Summer Research Program <http://www.columbia.edu/cu/biology/ug/amgen/>

Columbia University BiolGERT Fellows Program: <http://www.bioigert.columbia.edu>

Columbia University / Master's Program in Climate and Society: <http://www.columbia.edu/cu/climatesociety/>

Columbia University MPA in Environmental Science and Policy Information: <http://www.columbia.edu/cu/mpaenvironment/pages/program.html>

Columbia University / Masters Program in Microbiology & Immunology: www.microbiology.columbia.edu

Columbia University / MS in Nutrition: <http://cumc.columbia.edu/dept/ihn/student/PerspectiveStudents.html>

Cornell Summer Research Scholars Program <http://www.scholars.pppmb.cals.cornell.edu/>

Cornell University, College of Agriculture & Life Sci. NYS Agricultural Experiment Station Summer Research Scholars Program: <http://www.scholars.pppmb.cals.cornell.edu/>

Educational Programs Abroad (EPA): <http://www.epa-internships.org>

EPA Internships - Europe <http://www.epa-internships.org/>

Fulbright Scholarship Program <http://us.fulbrightonline.org/home.html>.

Fred Hutchinson Cancer Research Center UG Faculty Links to Internships in Scientific Research of Medicine http://www.fhcrc.org/science/education/Cancer%20Research%20Internships_FHCRC%20site.pdf

Fred Hutchinson Cancer Research Center SURP Program <http://www.fhcrc.org/science/education/undergraduates/>

Harvard Medical School Dept. of Genetics Church Lab Summer Internships http://ccv.med.harvard.edu/diversity_summer_internships.htm

Harvard School of Public Health Summer Program in Biological Sciences in Public Health <http://www.hsph.harvard.edu/academics/biological-sciences/undergraduate-summer-internship-program/>

Homeland Security DHS Education Programs
<http://www.orau.gov/dhseducationprograms/>

Institute for Health Metrics and Evaluation (IHME)
 Post-Bachelor Fellowship
<http://www.facebook.com/pages/IHME-Post-Bachelor-Fellowship-Program/215770165122763?sk=info>

LUMCON 2012 Summer Field Program
www.lumcon.edu/education/university/summer

Journal of Undergraduate Research (JUR)
<http://sa.rochester.edu/jur/>

Journal of Young Investigators (JIY)
<http://www.jyi.org/participate.php>

Kaplan Test Prep and Admissions
kristen.miller@kaplan.com

Kupcinet-Getz International Summer Science School
 2011
<http://www.fgs.org.il/en/>

MATCH Teacher Residency
<http://www.matcheschool.org/matchcorps/teacher.htm>

Marine Mammal Research Internships
<http://www.whalecenter.org>

MedLife
<http://www.medlifeweb.org/>

Michigan State Veterinary Summer Enrichment
 Program
<http://cvm.msu.edu/student-information/cvm-undergraduate-programs/enrichment-summer-program>

NASA Space Radiation Summer School
<http://www.dsls.usra.edu/spacerad/2011>

National Academics Research Associate Program:
<http://www7.nationalacademies.org/rap/>

National Academies Fellowships Program
<http://www.national-academies.org>
 The National Cancer Institute's Integrative Cancer
 Biology Program
http://icbp.nci.nih.gov/summer_program/

National Institute of Allergy and Infectious Diseases
 (NIAID), Intramural NIAID Research Opportunities
 (INRO); for more information visit: <http://www3.niaid.nih.gov/labs/training/inro/>

National Science Foundation's Graduate Research
 Fellowship Program (GRFP)
<http://www.nsfgrfp.org/>

The Nemours Summer Undergraduate Research
 Scholarship at Alfred I. duPont Hospital for Children
<http://www.nemoursresearch.org/Scholarship/>

New York State Dept. of Environmental Conservation
 Summer Job Opportunities
<http://www.dec.ny.gov/education/1869.html>

Northeastern University Three Seas Program
<http://www.threeseas@neu.edu>

One Hear Source Volunteer Opportunity in Africa
<http://www.oneheartsource.org/>

Pasteur Foundation Internship in Paris
<http://www.pasteurfoundation.org/pdf/PasteurInternshipApp2012.pdf>

Penn State Hershey Summer UG Research Programs
<http://www.pennstatehershey.org/web/summerresearch/home>

Physician Assistant Education Website
<http://physician-assistant-ed.com/>

RISE (Research Internships in Science and
 Engineering)
<http://www.daad.de/rise/en/>

Rochester Academic of Science Student Research
 Grants
<http://www.rasny.org/>

Roswell Park Summer Research Participation Program
<http://www.roswellpark.edu/education/summer-programs>

Sloan-Kettering Summer Undergraduate Research
 Program / <http://www.sloankettering.edu/gerstner/html/54513.cfm>

South Western Medical Center Summer UG Research
 Fellowship (SURF) <http://www.utsouthwester.edu/SURF>

South Western Medical Center Quantitive and Physical
 Science Summer Undergraduate Research Fellowship
 (QP-SURF) <http://www.utsouthwester.edu/QP-SURF>

Southern Teachers Agency / Biology Teaching Jobs
<http://www.southernteachers.com/>

St. John Fisher Wegmans School of Pharmacy
<http://www.sjfc.edu/pharmacy/admissions>

Stowers Scholar Program
<http://www.stowers-institute.org/ScientistsSought/training/scholarsprogram.asp>

Teach for America
<http://www.teachforamerica.org>

University of Iowa Summer Undergraduate MSTP Research Program
<http://www.healthcare.uiowa.edu/mstp/>

The UNCF Merck Science Initiative Science Scholarships and Fellowships: <http://www.uncf.org>

University of Kansas EEB Graduate Program
<http://www.ku.edu/~eeb>

University of Oregon Summer Program for UG Research: <http://spur.uoregon.edu/>

University of Rochester UG Research Job Service:
<http://www.rochester.edu/College/ugresearch/jobs/>

University of Rochester National Fellowships and Scholarships Website: <http://www.rochester.edu/college/studentfellowships/>

University of Tokyo Research Internship Program:
<http://www.s.u-tokyo.ac.jp/en/utrip/program/>

Wadsworth Center Summer Research Program 2011 in Molecular and Cellular Biosciences <mailto:http://www.wadsworth.org/educate/molcel.htm>

Weizmann Institute of Science Annual Kupciner-Getz International Summer Science School
<http://www.fgs.org.il/en/article.php?id=221/>

World Teach
<http://www.worldteach.org/site/c.buLRlbNOIbJ2G/b.6150577/k.BF13/Home.htm>

Helpful Links

[Athletics](#)
[Biology Department](#)
[Dining](#)
[Directory](#)
[Employee Discounts](#)

[Gwen Green Career and Internship Center](#)
[Facilities](#)
[Libraries](#)
[Undergraduate Program in Biology & Medicine](#)
[University Information Technology](#)

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