

Undergraduate Program in Biology and Medicine

University of Rochester
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<http://www.rochester.edu/College/BIO/UPBM/upbmhome.htm>



"Tall grass shines in the autumn sun on River campus"
Photo from UR Website

October 2009

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UPBM POSTER SESSION

This year's poster session will be held on Friday, October 9th, 2009 from 2:00 p.m. - 3:30 p.m. at the Computer Studies Building in Room 209.

The UPBM Poster Session is an annual tradition and now part of Meliora Weekend. Historically the poster session was designed to only display research from de Kiewiet Fellows. However, in 1998, the UPBM committee voted to broaden the scope of the presentation to invite other significant research done by biological science majors to be displayed with de Kiewiet research as well.

The UPBM poster session is a great opportunity to discuss research and network with students, faculty, and alumni. Refreshments will be provided.

The UPBM Poster Session is held in coordination with the Chemistry Department Poster Session. Currently, 91 alumni have registered to attend this event. This year there will be twelve UPBM majors presenting their research:

Ritesh Agnihotri '10	Laura Nemeth '10
Justin Boucher '10	Ajit Rao '10
Gao Xiang Chen '11	Seth Rudman '10
Brendan Guercio '10	Benjamin Sabari '10
Duk Soo Kim '10	Michelle Winston '11
Diamond Ling '10	Martina Zink '10

To view the research profiles of the UPBM Presenters visit: http://www.rochester.edu/college/BIO/UPBM/deKiewiet/UPBMPosterSession09_093009.pdf

INTERESTED IN APPLYING FOR A FELLOWSHIP AND SCHOLARSHIPS?

The Center for Academic Support has notified us that competitive fellowships and scholarships are available to math, science, and engineering students. Some of the awards that are offered are the: Goldwater, Churchill, NSF, Hertz, National, Physical Science Consortium,

Ford Pre-Doctoral, National Defense Science and Engineering, and the Department of Homeland Security.

UR students have had a history of great successes, particularly in the Churchill and Goldwater competitions. For example, three out of six UR student nominations were selected to receive the Churchill scholarship over the past three years, and nine out of sixteen UR student nominations were selected to receive the Goldwater Scholarship over the last four years.

All interested should contact the Director of Fellowships, Belinda Redden (belinda.redden@rochester.edu).

For the list of application requirements and submission deadlines visit:
http://www.rochester.edu/college/BIO/UPBM/other/Fellowships_AY09-10.pdf

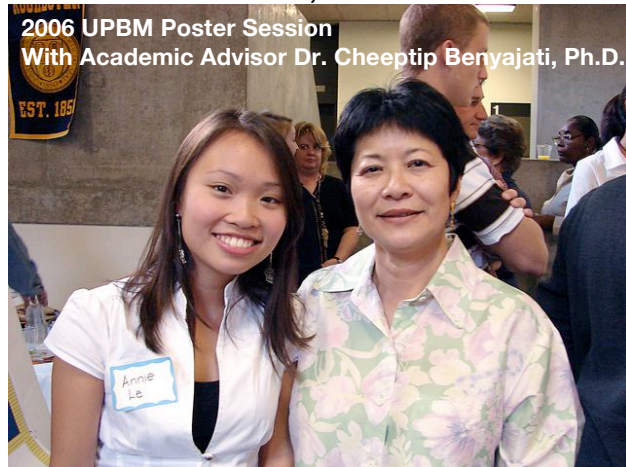
WORLD AIDS DAY 1ST SCIENTIFIC SYMPOSIUM CALL FOR POSTERS

The University of Rochester Developmental Center for AIDS Research invites you to attend its 1st Annual Scientific Symposium to be held at the UR on World AIDS Day, December 1, 2009, from 10:30 AM to 3:00 PM. Students that are interested in presenting should visit the following website for more details:
http://www.rochester.edu/college/BIO/UPBM/other/DFC_ARCall4PosterRegistrationForm.pdf

NEW BIOLOGY JOURNAL CLUB

New this fall, UPBM majors Michael Cyress '10, BMG and Judson Belmont '10, BMG have initiated the Biology Journal Club. Interested UPBM Majors that want to learn more about cutting-edge research and would like to explore the different areas of biology and medicine are encouraged to join. For more details contact [Michael Cyress](#) or [Judson Belmont](#) directly.

REMEMBERING ANNIE LE '07, BS BCD



As many are already aware, a former UPBM alum, Annie Le, who graduated from the U of R in 2007 with a major in

Cell and Developmental Biology tragically died last month while attending graduate school at Yale University. Annie was a promising scientist and her death is a tremendous loss. Annie touched the lives of many people at the UR and the department extends their deepest sympathies to all who were close to her. A UR memorial service is anticipated and will be announced once plans are finalized.

People mourning Annie seem to share the same recollections of her in that she was a brilliant, kind, savvy, and a hard-working person who embraced life to the fullest extent. Additionally, Annie was notorious for her high-heeled shoes. Many share fond memories of how the sounds of Annie's high-heeled shoes clicking against the floor seemingly announced her impending arrival.



Annie this Louboutin is for you.

Memories of Annie:

<http://www.rochester.edu/college/BIO/UPBM/other/AnnieLe.pdf>

Message from The President's Office regarding Annie Le:
<http://www.rochester.edu/president/memos/2009/le.html>

SOCIETY FOR UNDERGRADUATE BIOLOGY STUDENTS PEER MENTORS / VOLLEY BALL GAME (STUDENTS VS. FACULTY)

New SUBS presidents Gabe Perreault '11, BMG and Jacki Lerea '11, BMB have coordinated a new peer mentoring program for the '09-'10 school year.

According to SUBS club members, peer mentoring provides students with an opportunity to network with students that have more experience within the biological science majors. Peer mentors are students that have agreed to field questions regarding biology courses and concentrations such as, i.e.: How challenging certain courses are? Who their most inspiring professors were? Which courses had the most compelling writing requirement? As well as how students see themselves fitting into their respective fields. So far students from BBC, BEB, BMB, and BMG majors are posted and hopefully more will be added in the future. To contact a mentor visit:
<http://www.sa.rochester.edu/subs/services.html>

SUBS have also been busy coordinating this year's Volley Ball Game (Students vs. Faculty). The SUBS Volleyball Game is a great way for the Biology community on campus to connect in a fun, friendly atmosphere; not to mention the faculty has to defend their title after beating the students at the last volleyball last year. The next volley ball game is scheduled for: Friday, October 23rd, from 4:00 p.m. - 5:30 p.m. **at the Goergen Athletic Center.** For information on volley ball games that are scheduled this fall visit:
<http://www.sa.rochester.edu/subs/VolleyballGames.html>.
To join SUBS contact SUBS directly their e-mail address:
roc.subs@gmail.com.

NEW COURSE COORDINATOR WEBSITE

The UPBM Course Coordinator, Jenn Baylark has put together a website to help students with respect to biology course policies and procedures pertaining to: make-up exams, make-up labs, exam return, re-grades, rescheduling final exams, applying to be a teaching assistant and much more. For more information be sure to visit the new website at URL: <http://www.rochester.edu/College/BIO/UPBM/Courses/coordinator.htm>

A message from the course coordinator, Jenn Baylark: "The Department of Biology strives to offer its students the best possible assistance with the administrative component of their academic career. Through the Undergraduate Program in Biology and Medicine, staff and faculty have come together to help each student succeed not only within the Biology Department, but also within the University as a whole. As one of Course Coordinators, I am here to assist students with the administrative components of their introductory-level biology courses. It is my desire to give students care and attention on an individual basis, in order to guide them towards the best possible education. The UPBM has recently had the privilege of adding Brenna Holik to their team. Brenna will continue to provide the same services and assistance that I have for the upper-level biology courses. It is an honor and a pleasure to work with you. I look forward to interacting with you through out your time here at the University."

BIOLOGY MONTHLY SEMINARS

Seminars are held in Hutchison Hall, on the River Campus. ([Campus map](#)) Contact the Biology Department at 273-1139 at least 3 days in advance to request any special accommodations or if you would like to meet with an outside speaker. Refreshments provided.

October 2 (Friday) 3:00 PM

Hutchison 316
Dr. Sarah Kingan, University of Rochester
"The genetics and evolution of the Winters sex-ratio in Drosophila simulans"

October 9 (Friday) 3:00 PM

Hutchison 316
Dan McNabney & Victoria Cattani, University of Rochester
"Genetic basis of sexual isolation in Drosophila" & "Genetics of hybrid inviability between Drosophila mauritiana and its sibling species"

October 12 (Monday) 12:00 PM

Hutchison 473
Dr. Irfan Rahman, University of Rochester
"Oxidative Stress and Redox Signaling in Lung Inflammation"

October 16 (Friday) 3:00 PM

Hutchison 316
Dr. Massimo Pigliucci, Stony Brook University
"Evolutionary theory: toward an extended synthesis?"

October 19 (Monday) 12:00 PM

Hutchison 473
Dr. Tony Ip, University of Massachusetts
"Tissue damage-induced intestinal stem cell response in Drosophila"

October 23 (Friday) 3:00 PM

Hutchison 316
Dr. Todd Jackman, Villanova University
"Evolution of the Geckos of the World"

October 26 (Monday) 12:00 PM

Hutchison 473
Dr. Herve Agaisse, Yale University
"On the host side of host/pathogen interaction"

October 30 (Friday) 3:00 PM

Hutchison 316
Shanwu Tang & David Loehlin, University of Rochester
"Adaptive Evolution of the Drosophila Nuclear Pore Complex Results in Multiple Hybrid Incompatibilities" & "Genetic mechanisms behind wing-size evolution in Nasonia species"

UPCOMING EVENTS

October 23 (Friday) 4:00 PM – 5:30 PM

SUBS Volleyball Game (Students versus Faculty)
Goergen Athletic Center

OPPORTUNITIES

Alaskan Observers, Inc. North Pacific Ground Fish Observer

Positions Available Year-Round:
<http://www.alaskanobservers.com/observer.html>

Albert Einstein Summer Undergraduate 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>

Case Western University Summer UG Research in Pharmacology

<http://pharmacology.case.edu/education/surp.aspx>

The Chicago Center for Systems Biology Summer REU Program

<http://www.igsb.org>

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 BioIGERT Fellows Program:

<http://www.bioigert.columbia.edu>

Educational Programs Abroad (EPA):

<http://www.epa-internships.org>

Fulbright Scholarship Program

<http://us.fulbrightonline.org/home.html>

LUMCON 2010 Summer Field Program

www.lumcon.edu/education/university/summer

Marine Mammal Research Internships

<http://www.whalecenter.org>

MIT BE REU Program

<http://web.mit.edu/be/education/reu.htm>

**National Academics Research Associate
Program:**

<http://www7.nationalacademies.org/rap/>

National Academies Fellowships Program

<http://www.national-academies.org>

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/>

**Rice University 2010 IBB Summer UG Internship
HHMI Program in Bionanotechnology:**

http://cohesion.rice.edu/naturalsciences/hhmi/index.cfm?doc_id=10945

REU in Cellular Engineering:

http://cohesion.rice.edu/naturalsciences/nsfreu/index.cfm?doc_id=11338

**Roswell Park Summer Research Participation
Program**

http://www.roswellpark.org/Education/Summer_Programs

**South Western Medical Center Summer UG
Research (SURF)**

<http://www8.utsouthwestern.edu/utsw/home/education/surf/index.html>

**The UNCF Merck Science Initiative Science
Scholarships and Fellowships:**

<http://www.uncf.org>

U of R National Fellowships and Scholarships Website:

<http://www.rochester.edu/College/CCAS/fellowships>

Undergraduates Program at the Synchrotron Radiation Center

http://www.src.wisc.edu/outreach/SRC-REU/2009/SRC-REU_Summer_Internship.pdf

**Wadsworth Center Summer Research Program 2009 in
Molecular and Cellular Biosciences**

<mailto:http://www.wadsworth.org/educate/molcel.htm>

HELPFUL LINKS

[Athletics](#)

[Biology Department](#)

[Dining](#)

[Directory](#)

[Employee Discounts](#)

[Facilities](#)

[Libraries](#)

[Undergraduate Program in Biology & Medicine](#)

[University Information Technology](#)

[University Counseling Center](#)

[Parking](#)