

e-News

UPBM

Undergraduate Program in
Biology & Medicine
University of Rochester
Hutchison Hall Room 402F
Rochester, NY 14627



September '08

Welcome Back



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Independent Research (395) Courses: Getting Started

What are Independent Research Courses?

Independent Research (395) courses allow students in B.A. and B.S. tracks to gain research experience in the laboratories of program faculty during the school year and earn academic credit for their work.

The "395" course numbers are to be used for hands-on, bench-work type research, typically conducted in laboratories located on River Campus or at the Medical Center. The 395-courses are not to be used for clinical study or reading courses.

How to Register Courses: New Form Needed

Two forms are now needed to register a 395 course:

1. Independent Study (IS) Form - available at [CAS](#) or [UPBM Office](#)
2. Independent Research (395) [Course Registration Form](#) (Please Note that form is downloadable and please [e-mail](#) if feasible)

Finding Research Mentors (Faculty): New Resources Available

Research mentors must be a full-time members of the UR Teaching Faculty.

The key to finding research mentors is to network with faculty and major advisors. To help students connect with mentors (faculty) in their area interest the Biology department has collected some resources to help students locate faculty and can be viewed on-line at: http://www.rochester.edu/college/BIO/UPBM/upbmindres_DepartmentalFacultyListing.htm

Registration form submission deadlines are as follows:

- 4-credit course: end of 3rd week of classes
- 3-credit course: end of 5th week of classes
- 2-credit course: end of 7th week of classes

Please note that research mentors must initial the start-date if submitted after the deadline. Both forms should be submitted to the [UPBM office](#).

For Information on 395 Course Guidelines visit the UPBM Independent Research website at:

<http://www.rochester.edu/college/BIO/UPBM/upbmindres2.htm>

Transferring Courses from Other Colleges and Universities

Just a reminder to students that took courses at other institutions over the summer to make sure that a course approval form was submitted for the course and to have the credits transferred. Only credits from courses with a C+ or better will transfer. For more information on transferring credits to U of R visit:

<http://www.rochester.edu/College/CCAS/TransferCrdt.html> or contact the [UPBM Administrator](#).

Study Abroad Opportunities for Science & Engineering Majors

Learn which Courses in the sciences and engineering are available on study abroad programs by visiting:

http://www.rochester.edu/College/BIO/UPBM/4_StudyAbroadScienceMajorOps.htm

Juniors: deKiewiet Summer Fellowship

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 includes 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, give an oral presentation of their work near the end of the 10 weeks and present a poster in the UPBM Poster Symposium in October of their fellowship year. Fellows receive a stipend for the fellowship period. This year the deadline for submission will be **Friday, March 13th**. For more information visit: [deKiewiet website](#). See [deKiewiet fellows from 2008](#).

Seniors: Graduation / Pictures for Senior Slide Show

The Senior Slide Show is a Biology Department tradition viewed annually at the end-of-year diploma ceremony. Throughout the year please feel free to e-mail any pictures for the slide show to the [UPBM Administrator](#).

Seniors: Planning for a Degree with Distinction in Research?

The current requirements of the Undergraduate

Program in Biology and Medicine for awarding levels of distinction to graduating majors in the B.A. or B.S. tracks are a minimum BIO GPA of 2.7 and a Senior Thesis. A senior thesis must be defended at an open meeting of the student's advisory committee. The advisory committees usually consist of the research sponsor, the student's academic advisor, and one faculty member appointed by the track coordinator. After the UPBM office notifies the students with the names of their advisory committee members, it is the responsibility of the student and his/her advisor to find a date/room to hold the examination.

Application forms requesting acceptance as a candidate for the degree with distinction in research can be obtained in the [UPBM office](#) or downloaded here ([Degree with Distinction](#)). For seniors graduating this year the submission deadline will be **Friday, February 27th**.

The UPBM office and track coordinators must receive the thesis in order to assemble the examining committee **by April 15th**. For further details visit the [Degree with Distinction Website](#).

Changes to UPBM Course Offering this Fall

[BIO 225 Lab in Ecology and Evolutionary Biology \(4 credits\)](#) has been added to the UPBM Course Offerings this fall. Click on [BIO 225](#) to view course description.

[BIO 220 Advanced Cell Biology Course](#) is being taught by a different Instructor (Dr. Welte) and is now being offered in the fall semester. Click on [Bio 220](#) to view the new course description and pre-requisites.

[BIO 265 Molecular Evolution](#) will not be offered during the spring '09 semester and will be re-offered during the spring '10 semester.

Upcoming Events

September 8 (Monday) – Donut Talk

12:00 p.m. – 1:00, Hutchison 473

Dr. Gloria Culver, University of Rochester

"Studies of Ribosome Biogenesis: Form, Factors, Function"

September 15 (Monday) – Donut Talk

12:00 p.m. – 1:00, Hutchison 473

Dr. Eric Haag, University of Maryland

"Using Caenorhabditis nematodes to explore the evolution of sex, development, and the genome"

September 22 (Monday) - Donut Talk

12:00 p.m. – 1:00, Hutchison 473

Dr. Vera Gorbunova, University of Rochester

"Aging, genome stability, and evolution of anticancer mechanisms"

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September 29 (Monday) - Donut Talk

12:00 p.m. – 1:00 p.m. Hutchison 473
Dr. Ronen Schweitzer, Shriners Hospital for
Children-Portland, Oregon & Oregon Health and
Science University
"TBA". ...Continued page 3

10/17/08 (Friday) - UPBM Poster Session

3:30p.m. to 5:00 p.m., Computer Studies Building
209

Opportunities

**Annual Biomedical Research Conference for
Minority** Students in Orlando Florida, 11/5-8, 2008,
Call for Abstracts & Travel Award Applications.
Application deadline 9/5/08 for more information visit:
http://www.abrcms.org/page_conference3.html

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

**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/>

UR Research Opportunity:

The Division of Plastic and Reconstructive Surgery is
seeking motivated and professional undergraduate
students who are interested in pursuing medical school
to get involved with some clinical and potentially basic
science research projects in our division on a voluntary
basis.

We could use two to three student but we will
"interview" for the positions. Time commitment would
be two to ten hours per week depending on the project
and student motivation/availability.

Interested students should contact Dr. Peter Koltz in
the Division of Plastic Surgery at
Peter_Koltz@urmc.rochester.edu for more information
and if you have a resume please provide one.

Helpful Links

- [Athletics](#)
- [Academic Support](#)
- [Dining](#)
- [Directory](#)
- [Facilities](#)
- [Libraries](#)
- [University Information Technology](#)
- [University Counseling Center](#)
- [Parking](#)
- [Security](#)
- [Society for Undergraduate Biology Students
Student Employment](#)

Contact Us

We want to hear from you!
Send submissions and feedback to [UPBM Administrator](#).

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of the UPBM community. Please do not forward this
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multiple copies or believe this message was sent to you in
error, please contact the [UPBM Administrator](#).

Show Us Your Research! 2008 UPBM Poster Session

[Participate in the 2008 UPBM Poster Session.](#) The poster
session will be held on Friday, 10/17/08 from 3:30 p.m. to
5:00 p.m. in the Computer Studies Building Room 209.
Interested qualified students should contact [Marianne
Arcoraci](#) for more details.