

UPBM E-NEWSLETTER

Undergraduate Program in Biology and Medicine

UPBM E-NEWSLETTER February 2012

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The Gwen Greene Career and Internship Center Help For Finding 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](#)

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? See the [senior slide show from the 2011 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, 2012.

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

Related

[Commencement 2012 Website](#)
[Senior Slide Show from 2011](#)

Society for UG Biology Students (SUBS) Volleyball Game Schedule

UPBM Majors vs Biology Department Faculty & Staff / Mark your Calendars

The Society for Undergraduate Biology Students otherwise known as SUBS is a student group who's mission 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."

Among the events that SUBS coordinates are volleyball games (UPBM majors versus Biology faculty and staff). All UPBM majors, faculty, and staff including post docs, grad students, technical associates.... are welcome to play or stop by to cheer on your colleagues.

SUBS president, Jeffrey Bulger, has given me the dates the volleyball games that are scheduled this semester. Please mark your calendars if you are interested in attending:

2/24 - 4:30pm Court B - Goergen
 3/23 - 4:30pm Court B - Goergen
 4/13 - still in the planning stages - a volleyball tournament for Stem Cell Research Awareness Week. More information will be forthcoming.

SUBS General Interest Meeting Dates:

2/2 - 8pm in Goergen 101
 3/6 - 8pm Gowen room
 4/24 - 8pm Gowen room

Related: [SUBS website](#)



Microbiology News

Dr. Jacques Robert Joins Microbiology UG Advising Team / New Graduate Degree Program



Dr. Jacques Robert

Recently, Dr. Jacques Robert (row-bear) has joined the undergraduate microbiology advisement team. Please feel free to contact Dr. Robert or Dr. Barth to discuss the Microbiology undergraduate major or the New Master of Science Degree in Immunology, Microbiology & Virology!

A new Master of Science (MS) in Immunology, Microbiology and Virology is accepting applications for Fall 2012 enrollment for undergraduates students currently matriculated at the University of Rochester.

This degree program is designed to prepare graduates for careers in biomedical research by allowing completion of both the BS and MS degrees in 5 years. A total of 30 credits of coursework is required and includes specialized instruction in drug discovery,

bioinformatics, cGMP stem cell manufacturing and other advanced methodologies. Nine coursework credits are shared between the BS and MS degrees.

Student receive intensive, advanced training in the allied fields of immunology, microbiology, virology and biotechnology and focus on hands-on research and "real world" skills such as critical scientific thinking, scientific communication, problem solving and team work .

Interested students are strongly encouraged to contact: Dr. Jacques Robert, Program Director Associate Professor of Microbiology and Immunology Jacques_Robert@urmc.rochester.edu (585) 275.5359

Related:

[New Graduate Degree Program Announcement](#)
[Microbiology & Immunology Facebook Account](#)
[UPBM Microbiology Major Website](#)

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, 2012.**

Related:

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

Opportunities

Links to Program Information

Have any of these worked out for you? Feel free to e-mail the [UPBM administrator](#) 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/>

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

Cornell University / Boyce Thompson Institute for Plant Research: Summer Research Program - **Deadline 2/17/12**
<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>

The Chicago Center for Systems Biology Summer REU

<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>

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 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>
 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 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>

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

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 (JYI)
<http://www.jyi.org/participate.php>

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/>
 MIT BE REU Program
<http://web.mit.edu/be/education/reu.htm>

NASA Space Radiation Summer School
<http://www.dslls.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>

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 Quantitative and Physical Science Summer Undergraduate Research Fellowship (QP-SURF) <http://www.utsouthwestern.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>

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

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

U of R Undergraduate Research Job Service: <http://www.rochester.edu/College/ugresearch/jobs/>

U of R National Fellowships and Scholarships Website: <http://www.rochester.edu/College/CCAS/fellowships>

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>.

Helpful Links

Information to Other UR Departments

[Athletics](#)
[Biology Department](#)
[Dining](#)
[Directory](#)
[Employee Discounts](#)
[Facilities](#)
[Libraries](#)
[Undergraduate Program in Biology & Medicine](#)
[University Information Technology](#)
[University Counseling Center](#)

Contact Us

We Want to Hear from You

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

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