

Graduate Student Newsletter

January 30, 2009

Table of Contents

1. From the Graduate Office

2. Announcements

- a. Science Fair Judges Needed!!
- b. U-M News Service - Wants to Hear about You!
- c. Notes from Grad Student Forum Representative
- d. 19th Annual Students of Color of Rackham (SCOR) Conference
- e. Penpal Mentors Needed
- f. 2009 Face Off Blood Challenge
- g. Edward Alexander Bouchet Graduate Honor Society
- h. Update on Continuous Enrollment
- i. Winter 2009 LSA Theme Semester
- j. Moral Dilemma Survey

3. Upcoming Lectures and Seminars

- a. Career Identity Beyond the Ivory Tower
- b. UM Complex Systems Advanced Academic Workshop (CSAAW) First Annual Complexity Conference - Call for Papers
- c. 27th WCTF Annual Career Conference
- d. RACKHAM-CRLT Preparing Future Faculty Seminar Applications Due
- e. Center for European Studies-European Union Center Conversations on Europe Lectures
- f. 19th Annual Students of Color of Rackham (SCOR) Conference
- g. Darwin's Birthday Bash
- h. CICS Human Rights Lectures – Winter 2009
- i. Graduate Seminar on Global Transformations
- j. CSIE 2009 - World Congress on Computer Science and Information Engineering

4. Funding Opportunities

- a. 2009 EEB Block Grant & Endowed Fellowship Competition for Research Expenses
- b. Rackham One-Term Dissertation Fellowships
- c. Nominations for NIH Training Program in Genome Science
- d. Senior GSIs Needed!

- e. Temporary Graduate Student Positions: Summer Research Opportunity Program (SROP) and Summer Institute (SI)
- f. Foreign Language and Area Studies (FLAS) Fellowships
- g. Langley Aerospace Research Summer Scholars (LARSS) Program:
- h. BART IGERT Program
- i. Climate Savers Computing Initiative @ U-M
- j. NASA Earth and Space Science Fellowship (NESSF) Program Call for Fellowships
- k. CEW Scholarship Opportunity:
- l. Environmental Public Policy & Conflict Resolution Dissertation Fellowship
- m. NSF Graduate Research Fellowship Competition

5. Job Opportunities

- a. Tenure Track Position: Suffolk County Community College
- b. Position Announcement: Public Interest Scientist Post-Doctoral Fellowship
- c. Postdoctoral Scientist – Disease Ecology and Amphibian Conservation
- d. Tenure Track Assistant Professor Position Population Comparative Genomics
- e. Post-Doc in Evolutionary Biology and Genomics
- f. Post-Doc in Vertebrate Developmental Biology
- g. Tenure-Track Faculty Position in Ecology & Evolutionary Biology- University of Minnesota
- h. Postdoctoral Fellowship in Plant Molecular Evolution
- i. Tenure-Track Assistant Professor in Biology - Alfred University

6. Workshops and Other Useful Information

- a. Science, Technology, and Public Policy Program (STPP) Information Systems
- b. Rackham Mount Brighton Ski Trip
- c. Second Annual Health Research Symposium
- d. Up-Coming Rackham Workshops and Events
- e. Midwest Ecology and Evolution Conference
- f. National Geographic Society and the National Park Service BioBlitz

7. Smile of the Week

From the Graduate Office

Recruitment Weekend (February 12 - 14) planning is well underway! Contact Heidi Liere at hleire@umich.edu. if you can volunteer to host visiting students or help in other any other way!

The deadlines for EEB 2009-2010 Block Grant Funding and Fall 2009 Rackham One-Term Awards were announced this week. See Funding Opportunities, below, for more information.

Announcements

a) Science Fair Judges Needed!! - Once again, we wish to invite you to serve as judge at the Southeast Michigan Science Fair. This year the fair judging is:

Friday evening, March 13, 2009

6:00 pm arrival

Dinner will be provided

The 51th Annual Fair will be held on the campus of Washtenaw Community College, Morris J. Lawrence Building, 4800 East Huron River Drive.

We need science fair judges more than ever this year. We have seen an increased interest among students, including 6th grade students, but have lost a number of our former judges due to the closing of the Pfizer research facilities. Your continued involvement and support to this important cause is much appreciated!

If you are available to judge this year, please send a reply to this email and included the information requested at the bottom of this email.

If you would like to nominate a colleague, please forward this email to that person and have them reply to Ruth Lum at (lumb@umich.edu) if they are interested.

I look forward to seeing you at the fair.

Sincerely,
Cinda-Sue Davis, Director
Southeast Michigan Science Fair

Please Supply the Following Information

Full Name:

Home Address:

City and Zip:

Home Phone:

Email address:

Employer:

Business Address:

Office Phone #:

Occupation:

Preferred Mailing (Home or Business):

Preferred Title for the Science Fair Program:

Please let us know how many years, including this year, you have been a judge at the SEMSF (for the program):

Ruth Lum

Women in Science and Engineering

University of Michigan

1140 Undergraduate Science Bldg.

204 Washtenaw Ave.

Ann Arbor, MI 48109-2215

734/615-4455 (Office)

734/615-4450 (FAX)

www.wise.umich.edu

b) U-M News Service - Interested in hearing about your upcoming papers or presentations that may be of interest to the general public

Dear EEB faculty, graduate students and postdoctoral fellows,

The U-M News Service is always interested in hearing about your upcoming papers or presentations that may be of interest to the general public. As many of you know, Nancy Ross-Flanigan is the science writer for EEB who will work with you to publicize your research. It is important to let us know well before publication so they can time the press release with the publication date. This allows time for Nancy to meet with you, draft the press release, and get approvals.

Also, if you're willing to respond to media queries related to your expertise, please let us know the specific areas you can address. You can contact Nancy and me at the email addresses below. You can see the current expert lists here: <http://www.umich.edu/news/index.html?experts>

Students: If there is an area outside of academics that you excel in (or a good human interest story), please let us know about that as well. The news service periodically gets requests for students to feature with general human interest stories.

I like to know about your research projects, grants and other honors for our EEB Web site and newsletter articles. Please don't ever hesitate to share your news!

We look forward to hearing from you,

Nancy Ross-Flanigan and Gail Kuhnlein

Nancy Ross-Flanigan

Science Writer and Public Relations Representative Sr.

University of Michigan News Service

rossflan@umich.edu

Gail B. Kuhnlein * Communications Coordinator

University of Michigan

Ecology and Evolutionary Biology

830 N. University * Ann Arbor, MI 48109-1048

phone 734-764-2139 * fax 734-763-0544

kuhnlein@umich.edu * www.eeb.lsa.umich.edu

c) Notes from Liz Wason -Grad Student Forum Representative!

1. We're doing great, despite the recession! This is in contrast to places like Stanford, Harvard, and Princeton, which are drawing loans and cutting back. The difference is that fancy pants schools rely mostly on endowments, whereas we get lots of money from the government. We're still hiring faculty. We still spend \$20-25 million per year on building renovations, not including brand new building projects.
2. Do you need \$money\$ for doing your research abroad? Rackham offers international research fellowships! They distribute 15-20 per year to students at the dissertation stage. Apparently they're rather competitive; you can do it! We in EEB are exceptional. This looks like the link for further info: https://umich-rackham.custhelp.com/cgi-bin/umich_rackham.cfg/php/enduser/std_adp.php?p_faqid=1561 Also, don't forget that you can get lots of moneys when you present at international conferences. This goes for Masters AND PhD students. More info here: https://umich-rackham.custhelp.com/cgi-bin/umich_rackham.cfg/php/enduser/std_adp.php?p_faqid=1602
3. The Preparing Future Faculty program is a way for you to get a broad view of "The Faculty Experience" so you can be prepared for what's to come (if that's your bag). It's designed for you to be exposed to the role of faculty members in various settings--research-centric institutions (like U of M), liberal arts colleges, and community colleges--rather than solely observing the model faculty that U of M has to offer. Visit the CRLT web site for more info: <http://www.crlt.umich.edu/gsis/onedayPFF.php>
4. You can get a Graduate Teacher Certificate if you log in enough hours as a GSI. This may be good to add to your professional portfolio, and may even make you better qualified for your future career plans. To learn more, check out this link: http://sitemaker.umich.edu/um.gtc/introduction_to_program
5. Nothing specific was said about continuous enrollment (CE), but I have a theory: It has to do with school rankings. Rackham Dean Janet Weiss spoke a lot about school statistics (see email #6). One of Rackham's oft-cited reasons for implementing CE is because such programs often lead to higher retention/graduation rates for grad students. Seeing as Dean Weiss appears to esteem school stats and rankings, I think that's one of the ultimate purposes for CE--to make U of M competitive with other graduate programs for recruiting grad students. Again, if anyone is opposed to CE, grassroots efforts and banding with GEO to fight it would be some options for you. Also see Sarah Cobey's compendium of thoughts on CE: http://dphddt.eebloggers.net/?page_id=52
6. Did you know...U of M graduated 783 PhDs last year, which was the 2nd highest in the US (behind Berkeley)? ...We graduate the 3rd-highest number of African American PhDs, the 7th-highest number for Hispanics, and 5th-highest for non-citizens? ...During this economic mess, grad school applications have increased by 7-8%? ...That grad school rankings incorporate (1) faculty quality, (2) support services for students (i.e. proxy for "the student experience"), and (3) diversity ratings?
7. Apparently there are plans in the works to build a giant, lit-up Rubik's Cube sculpture on North Campus. You'll be able to solve the cube using the internet, and the cube will respond to your attempts by changing its colored lights as you "turn" the cube online.

Any questions?

contact:
Elizabeth Wason

d) 19th Annual Students of Color of Rackham (SCOR) Conference - February 6, 2009.

"Crossing Borders: Collaborating within the Academy...and Beyond"
CALL FOR PAPERS *** DEADLINE: February 6, 2009

We encourage papers that address the larger conference theme of “engaging research across borders, both between academic communities as well as communities beyond the academy.” We present the question, “How does our position as scholars of color affect or influence our research? How might our research speak to the larger academic community to which we belong?”

Within the University, often times we find ourselves restricted by our disciplines. Our conversations, despite our best intentions, fail to cross disciplinary boundaries. However, this year the major focus of the Students of Color of Rackham (SCOR) conference will be to bring scholars of color together from across disciplines, including the humanities, social sciences, physical and biological sciences, the professional schools, and the arts, in order to create a cross-disciplinary conversation. How does our position as scholars of color affect or influence our research? How might our research speak to the larger academic community to which we belong?

The 19th Annual 2009 SCOR Conference will be held on March 6-7, 2009. The conference aims to engage our peers both within the University and with other communities outside the University. How may our research serve to empower those communities, whether on a local, national, or global scale? What are the ways in which we can make our research relevant and applicable to the communities to which we hold ourselves accountable? The goal of the conference is to present a wide range of research, and act as the first in a series of cross-disciplinary conversations that SCOR and other campus organizations will coordinate in the future.

In the spirit of this year’s theme, we request presentations from all disciplines. Submissions can include:

- Presented Paper (the paper can speak to a past or ongoing research project in ANY DISCIPLINE or can speak to general methodological issues arising from CROSS-DISCIPLINARY research)
- Panel proposal (the panel can have up to four panelists, please submit a general panel proposal and individual abstracts from the presenters)
- Workshop proposal (a workshop featuring engaging ways to bridge research and social accountability)
- Posters (any poster presenting past or ongoing research agendas)
- Artistic presentation/film

More information about the conference and registration information is available at: <http://www.sitemaker.umich.edu/2009.scor.conference>.

Please send your abstract of no more than 200 words by February 6, 2009 to: conferencepapers09@umich.edu

For information, contact: scor09@umich.edu.

We will begin notifying selected papers on February 9, 2009. Presenters will be asked to present no longer than 20 minutes at the SCOR conference.

Nishaant Choksi and Gbenga Olumolade
Co-chairs, 2009 SCOR Conference
Contact: scor09@umich.edu.

e) Penpal Mentors needed for Middle and High School Students: Are you a science or engineering major? Can you spare just a little time to write a few emails? You can make a big difference in a child’s life. Please email Hallie Jones if you are interested, at jonesha@umich.edu

Penpal Mentors needed for Middle and High School students!

Wanted: Undergraduate or graduate science, math, or engineering students who are willing to correspond via email with a middle or high school student interested in science careers. The grades 7-12 students will be attending a science career workshop, then given the opportunity to correspond with a UM student. Once assigned a match, we ask that you be willing to send an initial email introducing yourself, your field of study, what inspired your choice of field and school, and what you want to do after you finish school. We hope that in sharing your experiences, you will encourage the next generation of students to enter scientific fields. We expect the email correspondence will last for at least 3 months, beginning in January or February of 2009 and that you will help the students understand both your own background and your advice to them in pursuing their own interests. You will be provided with a list of financial aid and career resources at the U of M, in case you need to refer them for further assistance in planning high school coursework and college financial aid. If you are interested, please contact Hallie Jones at jonesha@umich.edu.

Kira Berman

Director of Education

Exhibit Museum of Natural History

1109 Geddes Avenue

Ann Arbor, MI 48109-1079

Voice (734) 647-8574 Fax (734) 647-2767

Please visit our web site at

www.lsa.umich.edu/exhibitmuseum

f) 2009 Face Off Blood Challenge - This winter, while the University of Michigan's hockey team faces off against Michigan State, we are asking you to take on the Spartans in the 2009 Face Off Blood Challenge. Blood drives are being held across campus January 19 - February 27. If you have never given blood, please consider making a donation this time. And if you are a loyal donor, this would be a great time to give the gift of life once again.

The Red Cross often finds it difficult to meet hospitals' need for blood. Every two seconds of every day someone needs blood, whether it is for children with sickle cell, trauma victims, selected surgeries, or chemotherapy. To be prepared for everyday patients' needs and for unexpected disasters, a seven-day inventory of blood is needed. On most days this winter, the inventory reserve has been measured in hours, not days.

You can help! By donating a pint of blood, you can assist in ensuring that local needs are met. Signing up is easy. Simply visit the website www.givelife.org and enter the sponsor code "goblue" to make an appointment.

Questions and comments can be directed to bbo8@umich.edu. Please eat (iron rich foods) and drink lots of water before you donate blood! THANK YOU for giving the gift of life. Bleed MAIZE and BLUE! Beat MSU!

For your convenience, dates, times and locations are listed below. Sincerely,

E. Royster Harper

Vice President for Student Affairs

Robert P. Kelch, M. D.

Executive Vice President for Medical Affairs

Brian Talpos, Katy Wallander, Laura Yocky, and Mary Rock

U-M Alpha Phi Omega (APO) 2009 U-M Face Office Blood Challenge Co-Chairs

Friday, January 30 (APO)

MICHIGAN UNION - Ballroom 12:00 noon-6:00 pm

SCHOOL OF EDUCATION 9:00 am - 3:00 pm

Monday, February 2 (APO)
MICHIGAN UNION - Pendleton Room 2:00-8:00 pm
BURSLEY HALL 2:00-8:00 pm HILLEL 2:00-8:00 pm

Tuesday, February 3 (APO)
MICHIGAN UNION - Pendleton Room 2:00 - 8:00 pm
ALICE LLOYD HALL 2:00 - 8:00 pm

Wednesday, February 4 (APO)
MICHIGAN LEAGUE - Vandenberg Room 12:00 noon - 6:00 pm

Thursday, February 5 (APO)
MICHIGAN UNION - Ballroom 2:00 - 8:00 pm
COUZENS HALL 2:00 - 8:00 pm

Friday, February 6, 209 (APO)
EAST HALL 2:00 - 8:00 pm
MICHIGAN UNION - Ballroom 11:00 am - 5:00 pm

Monday, February 9, 2009
PIERPONT COMMONS 12:00 noon - 6:00 pm

Tuesday, February 10 (APO)
MARKLEY HALL 2:00 - 8:00 pm

Wednesday, February 11 (APO)
MICHIGAN LEAGUE - Michigan Room 12:00 noon - 6:00 pm

Thursday, February 12 (APO)
SOUTH QUAD HALL 2:00 - 8:00 pm

Friday, February 13
DENTAL SCHOOL 10:00 am - 4:00 pm
NURSING SCHOOL 10:00 am - 4:00 pm
EAST QUAD HALL 2:00 - 8:00 pm

Monday, February 16 (HHC)
HOSPITAL HEALTH CARE 10:00 am - 4:00 pm

Thursday, February 26
UM HOSPITAL 7:00 am - 7:00 pm

Friday, February 27
UM HOSPITAL 7:00 am - 7:00 pm
UM EAST MEDICAL CENTER 9:00 am - 3:00 pm

g) Edward Alexander Bouchet Graduate Honor Society - The Rackham Graduate School is pleased to announce the launching of the University of Michigan chapter of the Edward Alexander Bouchet Graduate Honor Society. Named for the first African American doctoral recipient in the United States (in Physics from Yale University in 1876), the Edward Alexander Bouchet Graduate Honor Society (Bouchet Society) recognizes outstanding scholarly achievement and promotes diversity and excellence in doctoral education and the professoriate. The Bouchet Society seeks to develop a network of preeminent scholars who exemplify academic and personal excellence, foster environments of support and serve as examples of scholarship, leadership, character, service and advocacy for students who have been traditionally underrepresented in the academy. In

the spirit of Bouchet's commitment to these pursuits both within and without the academic realm, inductees into the honor society bearing his name should also exhibit these qualities.

DEADLINE FOR APPLICATIONS: JANUARY 30, 2009

If you are interested in learning more about the Bouchet Society or submitting an application for membership, please visit the website: http://www.rackham.umich.edu/current_students/bouchet/ and/or contact me (skouassi@umich.edu).

The deadline for your completed application is January 30, 2009.

Please excuse duplication of this e-mail as many of you are on multiple listserves.

Sincere Regards,
Susan Frazier-Kouassi, Ph.D.
Student Affairs Program Manager
Rackham School of Graduate Studies

h) Rackham Dean's Update on Continuous Enrollment - We have taken another step towards the implementation of a continuous enrollment policy for Rackham Ph.D. students. The Rackham Executive Board approved the policy change on December 10, effective no sooner than Fall Term 2010.

The primary force behind the adoption of this change is its benefit for Ph.D. students. The policy will help them stay better connected with their programs, make it easier for those programs to monitor their progress, and lower tuition rates once they achieve candidacy. It will also provide for year-round access to University services and resources throughout their doctoral studies, and confirm their student status for external purposes.

Research has shown that students who are continuously enrolled have higher rates of degree completion. Such a policy also insures that the University has full and comprehensive data about the Ph.D. student population to inform its decision-making and policy development.

This policy change is completely tuition-revenue neutral. Neither the University nor Rackham will realize any additional tuition income from its implementation. The point is not to shift any new financial burden to students but to better support them with a coordinated set of policies. As long as students are making satisfactory academic progress, tuition for any terms of registration resulting from a continuous enrollment policy will be paid from a University source.

Much work must be done to craft the conditions necessary for a successful implementation, including plans in each school and college for University resources to cover the increased terms of registration arising from the policy change, Regental approval of a restructuring of the candidacy tuition rate proportional to the expected change in enrollment so that the aggregate tuition cost remains constant, and ensuring the consistent provision of University services to Ph.D. students throughout the duration of their programs of study. The Executive Board's approval means this work will now begin, but please note that current policies will be followed until the new one takes effect.

Change, however positive, is unavoidably unsettling. There is a timetable for executing this one carefully and responsibly, and you will know about the specifics relevant to your situation long before you need to. Rackham's website (www.rackham.umich.edu) will continue to be updated regularly to include progress reports on these activities and on the other administrative and systems tasks that need to be completed before implementation.

Specific principles, however, are already in place, chief among them that this policy change will not result in a shift of tuition costs to students. University resources will cover the tuition costs associated with the

registration requirement for students making satisfactory academic progress who otherwise would have been on detached study or simply would not have been registered. Planning by the schools and colleges - and the programs and departments within them - will ensure that they adopt procedures, tailored to local circumstances, that provide the necessary support to students by the implementation date. For those students whose personal circumstances require that they take a break from their graduate work, we will have clear pathways for leaves of absence that will provide necessary flexibility.

We are also committed to providing safeguards and safety nets to make certain that students who entered before this policy are treated fairly and do not incur any new costs. Again, nothing changes until the policy takes effect, in Fall 2010 at the earliest. Our goal is to help students finish their degrees. We believe this policy change will help us achieve that.

Liz Wason is compiling EEB student comments, concerns, etc., and will be sure they get attention at the next forum meeting. For further reference, Liz also suggests Sarah Cobey's comments on continuous enrollment: http://dphddt.eebloggers.net/?page_id=52

i) Winter 2009 LSA Theme Semester, "The Universe: Yours to Discover" - The College of Literature, Science, and the Arts is pleased to announce the Winter 2009 LSA Theme Semester, "The Universe: Yours to Discover." The Universe Theme Semester runs from January to May 2009 and celebrates the International Year of Astronomy 2009, which marks the four hundredth anniversary of the first astronomical observation through a telescope by Galileo Galilei. This world-wide celebration of astronomy and its contributions to society and culture places a strong emphasis on education, public engagement and involvement of young people. The Winter 2009 LSA Theme Semester brings this international celebration to our campus and community with a uniquely Michigan perspective.

Highlights of the Universe semester will include a major lecture series by prominent intellectual leaders in astronomy, new courses, star-gazing opportunities, performances of Bertolt Brecht's Life of Galileo, exhibitions, films, concerts, and more. From a lecture by a Nobel Prize-winning astrophysicist to the wacky FestiFools Parade, there is something for everyone.

The Theme Semester is organized by the Department of Astronomy and the Exhibit Museum of Natural History with the guidance of a steering committee. More than 30 units and organizations in LSA and other schools and colleges are participating, along with numerous community partners. Many more events, activities, and resources are described on the theme semester website, www.lsa.umich.edu/universe.

I urge you to take part in the many wonderful opportunities to learn about our universe and its myriad connections to our lives. On the website you can join an e-mail events list to receive a weekly notice of upcoming events.

j) Moral Dilemma Survey - Dear Colleague, I am a philosophy professor at the University of California at Riverside. Fiery Cushman (Psychology, Harvard) and I are studying professional philosophers' judgments about moral dilemmas, which we will compare with the responses of similarly educated non-philosophers. It would be a great help to us if you could take the time to participate in our experiment.

Participation in the experiment involves offering responses to questions about potentially puzzling moral dilemmas and takes about 15-20 minutes. Many respondents find thinking about these dilemmas an interesting and worthwhile experience.

Here's a link to the test:

<http://moral.wjh.harvard.edu/eric1/test/testN.html>

We encourage you to forward this email to other academic colleagues you think might be interested. If you have any questions or concerns, you may contact me by email at eschwitz@ucr.edu. You should also feel free to email me in a month or so if you're curious about the results!

Eric Schwitzgebel (Philosophy, University of California at Riverside)
(with Fiery Cushman (Psychology, Harvard))

Upcoming Lectures, Seminars and Conferences

a) Career Identity Beyond the Ivory Tower - Making the switch from a tenure-track path to pursuing other career options may raise a variety of career and personal issues. This program will offer you an opportunity to explore the often emotional move away from a tenure-track career. Connect with other graduate students on issues of importance to you with special emphasis on how to create a new identity for yourself, perhaps different from what others may imagine for you. Please join us for this thought-provoking conversation to help you develop confidence as you embark on a meaningful post-academic career.

Career Identity Beyond the Ivory Tower

Tuesday, February 3

3:00-5:00 p.m.

West Conference Room, 4th Floor, Rackham Building Pre-registration required at: <https://secure.rackham.umich.edu/Events/wssel.php>

Sponsored by The Career Center, the Center for the Education of Women, and Rackham Graduate School
Tom Lehker

Senior Assistant Director,

The Career Center

3200 Student Activities Building

Ann Arbor, MI 48109-1316

734-764-7460

tlehker@umich.edu

b) University of Michigan Complex Systems Advanced Academic Workshop (CSAAW) First Annual Complexity Conference - Call for Papers

University of Michigan Complex Systems Advanced Academic Workshop (CSAAW) First Annual Complexity Conference: Computational Techniques in Complex Systems

Please join us this spring for a one-day conference of research in complex systems with a special focus on computational techniques.

What is the CSAAW 2009 Complexity Conference?

This Spring, the Complex Systems Advanced Academic Workshop (CSAAW) at the University of Michigan in Ann Arbor is hosting its first annual conference on complex systems. This day-long event is an excellent opportunity to learn about state-of-the-art research in wide-ranging and overlapping disciplines including economics, policy, public health, engineering, natural resources, information, anthropology, computer science, biology and more. This unique forum is designed for complexity researchers to present their work in an inclusive, relaxed, and multidisciplinary environment. The conference will be held on the 3rd floor of West Hall from 9am-5pm on Saturday May 16th.

Who should participate?

We invite all researchers studying complex systems and especially encourage papers that use computational techniques that are relevant across multiple disciplines, or that tackle

important cross-field modeling challenges. Graduate students' submissions are encouraged, and we also welcome faculty, postdoctoral, and undergraduate work. The conference will thus be a part-research-sharing, part-technique-tutorial gathering of students and faculty who use complex systems modeling in their research.

Why should you participate?

This conference provides a unique opportunity for researchers to share their ideas with scientists from a broad spectrum of disciplines that face similar methodological challenges. It is a wonderful forum for learning about new methods and techniques, sharing your own, and meeting new friends in related fields. Additionally, all accepted papers will be included in online conference proceedings. This collected volume of papers will enable researchers to link their work to relevant citations, computer code, data, or other supplemental results or materials.

How do you participate?

Fill out the abstract submission form below and email it to csaaw-conf2009@umich.edu by March 14, 2009. Abstract acceptance will be communicated by March 28, 2009, at which time a long abstract will be requested for inclusion in the online proceedings. All accepted submitters are invited to present a poster and top submitters are awarded an invited talk. More info at <http://www.cscs.umich.edu/CSAAW/conference.html>

Important Dates:

Short Abstract submission: March 14. Invitation to participate: March 28

Long Abstract submission: May 9. Conference: May 16

Abstract Submission Template

Please prepare a PDF with the tool of your choice that includes the following fields:

Authors: Jeanne Q. FirstAuthor* Zach M. Secondheim, Arthur T. Thirdington

* indicates corresponding author

Corresponding author e-mail address: jqfa@univ.edu

Title: A quantitative analysis of pattern formation in *Bradyptus variegatus* symbiotic cyanobacteria

Abstract: 500-700 words. Please minimize the use of symbols and excessive formatting.

References: 0-4 key references.

FOR FURTHER INFORMATION

Please contact csaaw-conf2009@umich.edu with questions about the conference and csaaw-organizers@umich.edu for general CSAAW questions. For more information about us at the University of Michigan Center for the Study of Complex Systems Website: <http://www.cscs.umich.edu/CSAAW/>
Conference information website: <http://www.cscs.umich.edu/CSAAW/conference.html>

c) 27th WCTF Annual Career Conference - You are invited to register for the 27th WCTF annual career conference, which will take place on Friday, February 27, 2009 from 8:00 a.m. - 4:00 p.m. at the Michigan League and the Modern Languages Building. This event will feature 40 professional and personal development workshops, a networking luncheon, community service exhibitors, and local retail vendors.

The keynote speaker for this year's event is Dr. Howard G. Adams, a retired educator and the president of H.G. Adams and Associates, Inc., a consulting firm that specializes in assisting educational institutions in developing the academic, personal, career and professional skills of their students and staff.

Workshop highlights include:

Communication and Conflict Management Skills

Energize Your Workplace by Building High Quality Connections

How to Pay Off Your Mortgage
MFit Fitness Sampler (Zumba, Laughter Yoga and Pilates)
Privilege, Power and Influence in Group Dynamics
Self-Care and Stress Management Strategies During Difficult Times
Transformational Leadership Through Mentoring
Voice Habits: Using Your Voice for Effective Presentations

Registration: Early registration for the conference is open and will close on Monday, February 16, 2009. Payments may be made by shortcode, credit card, cash, check, or money order. Please note that U-M PCards may not be used to pay for conference registration fees.

Fees (without/with networking lunch in ballroom):

UM Students, Pos-Docs, Research Fellows & Retirees: \$45/55
UM Staff, Faculty and Alumni/ae: \$60/80
Non-UM registrants: \$75/95

Please note that registration for this event is open to all U-M personnel (staff, faculty, and students) and to the general public. Complete conference information is available on the following website:

<http://www.cew.umich.edu/WCTF/WCTF1.htm>

Event sponsors include the Women of Color Task Force, the Office of the Senior Vice Provost for Academic Affairs, University Human Resources, the U-M Health System Human Resources Office, the Center for the Education of Women, and Borders Express-Briarwood Mall.

For additional information about the annual career conference, please contact Janice Reuben, WCTF Program Coordinator, at 734-764-6005, or by email (wctfadmin@umich.edu).

We hope you will be able to attend this exciting and informative career development event!

Lester Monts, PhD
Senior Vice Provost for Academic Affairs

Laurita Thomas
Associate Vice President for Human Resources

Deborah Childs
Chief Human Resource Officer - UM Health System

d) RACKHAM-CRLT Preparing Future Faculty Seminar Applications Due - FEBRUARY 9, 2009

The Horace H. Rackham School of Graduate Studies and the Center for Research on Learning and Teaching (CRLT) seek applicants for the tenth annual Seminar on Preparing Future Faculty designed to help prepare senior graduate students for their first faculty positions. For this nationally-recognized Seminar, we are seeking advanced graduate students who have achieved candidacy and have college or university teaching experience.

The Seminar will include the following topics:

- 1) Preparation for the academic job search, including assistance with the creation of a statement of teaching philosophy and a syllabus.
- 2) Information about higher education (e.g., institutional types, governance and accountability, the nature of today's students, tenure, and faculty worklife) and field trips to local college campuses.
- 3) Discussion of effective and reflective teaching, including meetings with University of Michigan junior faculty members, conversations about multicultural teaching and learning, and demonstrations of and reflection on

the use of instructional technology.

The five-week Seminar will begin Tuesday, May 5 and end Thursday, June 4, meeting every Tuesday and Thursday from 8:30 a.m. - 1:30 p.m. Breakfast and lunch will be provided.

For more information on the Seminar, please see:
http://www.crlt.umich.edu/gsis/teaching_seminar.php

Applicants should send the following materials:

1. A cover letter (limited to 2 single-spaced pages) in which you include your name, address, phone, and email and answer the following questions:
 - a. Have you achieved candidacy in your degree program and if so, when?
 - b. When do you expect to be applying for faculty jobs?
 - c. At which type of academic institution (research-oriented, teaching-oriented, a mix) would you like to be a faculty member and why?
 - d. How will the Seminar enhance your previous training and experience as a **college-level** teacher?
 - e. What else do you hope to gain from the PFF Seminar?
 - f. What are your core values regarding teaching? Please provide examples from your own teaching as a GSI and/or learning as a student.

2. A list of teaching experiences and teaching preparation experiences, including:
 - a. course(s) taught and name(s) of faculty supervisor(s) and description of teaching responsibilities
 - b. GSI training activities you have attended
 - c. GSI training activities and services you facilitated, developed or provided (includes Graduate Student Mentor work)
 - d. attendance at departmental, campus, or national workshops on teaching
 - e. other related work you have done regarding teaching and learning

3. A current CV

APPLICATION DEADLINE IS MONDAY, FEBRUARY 9, 2009

Please follow these instructions for submitting your application:
Please submit all materials via e-mail to: PFF2009@umich.edu **Please use "PFF Application May 2009" as the subject line.

**Please submit all materials as ONE attached Word document (.doc).

Do NOT send materials as multiple attachments or in .pdf format.

**Please use the following format to name your file:

"LastName_FirstName_PFF2009.doc"

(e.g., Jones_Tim_PFF2009.doc)

Email PFF2009@umich.edu or call 615-8060 with questions.

Danielle R. Harms
Program Coordinator, Graduate Student Affairs
Rackham Graduate School
915 E. Washington, 1530-D
Ann Arbor, MI 48109-1070
Office: 734.763.6689
Fax: 734.936.2848
Email: drvitale@umich.edu

**e) Center for European Studies-European Union Center Conversations on Europe Lectures
Winter 2009**

Monday, February 9, 5 pm
Room 1636, International Institute
School of Social Work Building
1080 S. University

Center for European Studies-European Union Center
Conversations on Europe Lecture Series

“Fighting the Mafia, and Renewing Sicilian Culture.” Leoluca Orlando, former mayor of Palermo, current Italian MP, and anti-Mafia activist

Leoluca Orlando, a lawyer by training, started his political career as legal advisor to Piersanti Mattarella, President of the Sicilian Region, until the latter was killed by the Mafia in 1980. In the same year he was elected City Councilor in Palermo for the Christian Democratic Party, and in 1985 he became the city’s Mayor, inspiring what came to be known as the “Palermo Spring,” a season of struggles and accomplishments aimed at liberating the city from the influence of organized crime. In 1991 he broke with his former party and founded “La Rete” (“The Network”), a movement meant to promote participation by positive forces in the various political parties in support of grass-roots democracy. After stints in the Italian and European Parliaments he was elected Mayor of Palermo for second and third terms during the 1990s. After founding the non-profit organization “The Sicilian Renaissance Institute,” he has held seats in the Sicilian Parliament and Parliament of Italy, becoming one of most authoritative voices in the opposition to Mr. Berlusconi’s governments, most recently as a member of the Italia dei Valori party. A founding member of the European Council on Foreign Relations, he has upheld his ongoing international commitments by elaborating and promoting a model of political and economic development called “Culture and economy of human rights.”

Dr. Orlando will speak about his experiences fighting organized crime and promoting human rights in Sicily and beyond.

Co-sponsors: Kenyon College, Miami University, Ohio State University, and U-M’s Weiser Center for Emerging Democracies.

Free and open to the public.

The European Union Center at the University of Michigan is a European Commission-designated EU Center of Excellence.

Natasa Gruden-Alajbegovic
Administrator
Center for European Studies-European Union Center
Weiser Center for Europe & Eurasia
University of Michigan
1080 South University, Suite 3668
Ann Arbor, MI 48109-1106
T (734) 647-2743 F(734) 763-4765
Email: nalajbeg@umich.edu
Web: <http://www.ii.umich.edu/ces-euc>

f) 19th Annual Students of Color of Rackham (SCOR) Conference - February 6, 2009.

“Crossing Borders: Collaborating within the Academy...and Beyond”

CALL FOR PAPERS *** DEADLINE: February 6, 2009

We encourage papers that address the larger conference theme of “engaging research across borders, both between academic communities as well as communities beyond the academy.” We present the question, “How does our position as scholars of color affect or influence our research? How might our research speak to the larger academic community to which we belong?”

Within the University, often times we find ourselves restricted by our disciplines. Our conversations, despite our best intentions, fail to cross disciplinary boundaries. However, this year the major focus of the Students of Color of Rackham (SCOR) conference will be to bring scholars of color together from across disciplines, including the humanities, social sciences, physical and biological sciences, the professional schools, and the arts, in order to create a cross-disciplinary conversation. How does our position as scholars of color affect or influence our research? How might our research speak to the larger academic community to which we belong?

The 19th Annual 2009 SCOR Conference will be held on March 6-7, 2009. The conference aims to engage our peers both within the University and with other communities outside the University. How may our research serve to empower those communities, whether on a local, national, or global scale? What are the ways in which we can make our research relevant and applicable to the communities to which we hold ourselves accountable? The goal of the conference is to present a wide range of research, and act as the first in a series of cross-disciplinary conversations that SCOR and other campus organizations will coordinate in the future.

In the spirit of this year’s theme, we request presentations from all disciplines. Submissions can include:

- Presented Paper (the paper can speak to a past or ongoing research project in ANY DISCIPLINE or can speak to general methodological issues arising from CROSS-DISCIPLINARY research)
- Panel proposal (the panel can have up to four panelists, please submit a general panel proposal and individual abstracts from the presenters)
- Workshop proposal (a workshop featuring engaging ways to bridge research and social accountability)
- Posters (any poster presenting past or ongoing research agendas)
- Artistic presentation/film

More information about the conference and registration information is available at: <http://www.sitemaker.umich.edu/2009.scor.conference>.

Please send your abstract of no more than 200 words by February 6, 2009 to: conferencepapers09@umich.edu

For information, contact: scor09@umich.edu.

We will begin notifying selected papers on February 9, 2009. Presenters will be asked to present no longer than 20 minutes at the SCOR conference.

Nishaant Choksi and Gbenga Olumolade
Co-chairs, 2009 SCOR Conference
Contact: scor09@umich.edu.

g) Darwin’s Birthday Bash - Saturday, February 14, 6 – 10 pm- February 12, 2009 is the 200th anniversary of Charles Darwin’s birth, and this year also celebrates the 150th anniversary of the publication of his landmark work, *On The Origin of Species*, which many would argue is the foundation of modern biology. Our celebration of Darwin’s contributions will include a lecture on the Evolution of Sex (also in honor of St. Valentine’s Day),

Andrew Herscher (U-M Assistant Professor of Architecture and Slavic Studies)

A Humanity without Humans: On Architecture and Human Rights

March 25, 2009, 2:30pm—International Institute, Room 1636

The lectures are free and open to the public

i) Graduate Seminar on Global Transformations 2009-2010 Call for Applications - The Center for International and Comparative Studies (CICS) announces a not-for-credit seminar for master's students and doctoral students at the pre-candidacy level intending to pursue field-based research outside the United States.

ELIGIBILITY

This seminar is open to students in the early stages of graduate training with interests in international and area studies who can demonstrate goals of completing training and research through the doctorate. Graduate students from across disciplines are invited to apply.

PURPOSE

The Graduate Seminar on Global Transformations offers students the opportunity to develop these projects, pre-dissertation proposals, and dissertation prospectuses with their peers, in an interdisciplinary setting. The goals of the seminar include:

- Increasing students' capacity for understanding research designs and systems of evidence developed in other professions and disciplines
- Examining issues of ethics and values in the development and conduct of cross-cultural and cross-national research
- Encouraging high-level critical discussion of methodology and epistemology
- Discussing different qualities and characteristics of data in international research.

ORGANIZATION

The seminar will meet 5-7 times a term for two-hour sessions on Friday afternoons, which will be organized around the discussion of presentations by participating students. Several sessions will also be devoted to the discussion of papers, research proposals, and faculty and visitor presentations.

Each student admitted to GSGT will have access to a restricted research fund of up to \$4,500, to be used for a preliminary visit to the prospective foreign research site and for specialized language training necessary for dissertation research.

REPORTING REQUIREMENTS

Students must commit to participating in the seminar for three terms, and will be expected to make a presentation to the group following their research trip, and to discuss methodology, challenges, and results with seminar participants. Participants must also submit a brief written report (1-2 pages) within four weeks after completing field research.

APPLICATION

Applications must include—4 hard copies of the following:

- Completed CICS funding request cover sheet
- 2-3-page letter that addresses the student's research topic
- Two letters of support from a faculty advisor and/or departmental director of graduate studies
- Official transcript of grades

Members of the CICS advisory board will determine admission to the GSGT program.

DEADLINE

Deadline: Wednesday, March 18, 2009 by 5pm (for admission to the seminar in September 2009)

CONTACT AND DELIVERY INFORMATION

Contact Folaké Graves at Tel: 734.764.3149 or Email: fograves@umich.edu

Deliver applications to: Center for International and Comparative Studies (CICS)

International Institute, 1080 S. University, Suite 3659

j) CSIE 2009 - World Congress on Computer Science and Information Engineering

March 31 - April 2, 2009 Los Angeles/Anaheim, USA

<http://world-research-institutes.org/conferences/CSIE/2009>

Call for Papers and Expo:

The Los Angeles/Anaheim area is known for its many renowned attractions, such as Disneyland, Universal Studios and the Hollywood Walk of Fame. Very few cities in the world offer as much entertainment, excitement and diversity as Los Angeles/Anaheim does.

CSIE 2009 intends to be a global forum for researchers and engineers to present and discuss recent advances and new techniques in computer science and information engineering.

CSIE 2009 consists of the following Technical Symposia:

- * Communications & Mobile Computing Symposium
- * Computer Applications Symposium
- * Computer Design & VLSI Symposium
- * Data Mining & Data Engineering Symposium
- * Intelligent Systems Symposium
- * Multimedia & Signal Processing Symposium
- * Software Engineering Symposium

CSIE 2009 conference proceedings will be published by the IEEE Computer Society and all papers in the proceedings will be included in EI Compendex, ISTP, and IEEE Xplore.

In addition to research papers, CSIE 2009 also seeks exhibitions of modern products and equipment for computer science and information engineering.

Funding Opportunities -- I need some dough as I'm getting low!

a) 2009 EEB Block Grant & Endowed Fellowship Competition for Research Expenses - All graduate students are eligible to apply for block grants and endowed fellowships!

Block Grants

EEB graduate students actively engaged in research are eligible to apply for 2009 Block Grant Awards. Block grants are supplemental to other funding sources, and are intended to aid and advance student research.

Applications and student records are reviewed by the Graduate Affairs Committee and research grants are awarded on a competitive basis. Decisions are based on factors such as promise of the research, comprehensiveness of the research plan, schedule for use of awarded funds, and past progress. As indicated in the Application Procedures, your budget for research expenses, including equipment, supplies and travel, or wages for assistants, must be clearly justified. Please indicate specifically how this award will support your research. The number and amount of awards for research expenses will depend on the number of competitive requests and available funds.

In addition, since some endowment funds are restricted by research area, please indicate if you think your

research is specifically eligible for any of the endowed fellowships listed below.

Endowed Fellowships

In addition to the block grant funds provided by the Rackham School of Graduate Studies, generous endowments are provided to the Department through three fellowships listed below. These fellowships are available for research expenses, and are awarded to students who best fit the intentions of the donors. To apply for these fellowships, check the appropriate spaces on the Application Form and follow the Application Procedures, provided below.

Emma J. Cole Fellowship in Plant Biology

The Emma J. Cole Fellowship is awarded to graduate students in plant biology for research and travel expenses. This award is based on student excellence, merit, and financial need. Students are generally allowed to receive this award one time only.

Peter Olaus Okkelberg Award

The Peter Olaus Okkelberg Award is presented to graduate students in broadly defined fields of zoology. Areas of study sponsored are Anatomy (including Morphology), Cytology (including Cell Biology), and Embryology (including Developmental Biology). The award may be given for research and travel expenses. This award is based on excellence and merit.

Angeline B. Whittier Fellowships in Plant Biology

The Angeline B. Whittier Fellowship is awarded to advanced graduate students of plant biology for research and travel expenses. Students may apply for both Cole and Whittier Fellowships.

Application Procedures

Please submit the following to the Graduate Affairs Committee by Monday, 16 March 2009:

1. Completed application form.
2. Detailed description of research project. This should include a statement as to the general questions to which your research is addressed and how it fits into the important questions in your field. Briefly summarize your research to date on these questions (if any), and describe the proposed research and how it will answer your research questions. Text should not exceed four double-spaced pages or two single-spaced (12 point) pages (including tables, figures, and references). All references in the proposal must have a complete citation.
3. Itemized budget with brief justification, including what other funds you are seeking or will be awarded, including what your advisor will provide (one page limit).
4. One letter of recommendation is required. The letter should come from either your dissertation committee chair, or from your advisor if you have not yet established a committee.
5. Current curriculum vitae, including the categories: Education, Teaching Experience, Research Experience, Awards and Fellowships, Professional Societies, Publications, and Presentations (e.g., published meeting abstracts).

Applications should be addressed to the Graduate Affairs Committee and submitted either in person or electronically to Jane Sullivan in the EEB Graduate Office (2019 Kraus Natural Sciences Building) by 5:00 p.m. Monday, 16 March 2009. If you have any questions please contact Jane Sullivan at (734) 615-7338 or

janesull@umich.edu.

b) Rackham One-Term Dissertation Fellowship Awards - The EEB department announces a competition for Rackham One-Term Dissertation Fellowship awards. These fellowships are intended to facilitate the completion of dissertation requirements and are intended for students who intend to graduate within the term in which the fellowship is used. Awardees from this year's competition may use the fellowship in Fall Term of 2009.

Application guidelines and form are provided below.

The deadline for this competition is Monday, March 2nd 2009.

All applications must be submitted to Jane Sullivan (janesull@umich.edu) in the EEB Graduate Office, in an electronic format if possible.

APPLICATION GUIDELINES

Purpose: Rackham One-Term Dissertation Fellowships are intended to speed the process of completing the dissertation. They should be awarded to students who are at the final writing stage of the dissertation, and will permit candidates to work full-time on their dissertations.

Eligibility: A student must have achieved candidacy prior to the beginning of the term in which s/he receives a Rackham One-Term Dissertation Fellowship. The student must have established a dissertation committee and submitted the Nomination of Dissertation Committee form to the Rackham Office of Academic Records and Dissertations prior to the beginning of the term in which s/he receives this fellowship. Recipients of this award may not be employed more than 10 hours per week during the tenure of the fellowship. Recipients may not hold this award in conjunction with another award.

Award: A Rackham One-Term Dissertation Fellowship consists of candidacy tuition and registration fee plus a stipend of \$8,000 for one term. Recipients will be eligible for GradCare health insurance coverage provided by the Graduate School during the term of their award. A student may receive only one Rackham One-Term Dissertation Fellowship. Fellowships may not be divided into smaller awards.

Tenure: Fellowships for this competition may be used during the Fall Term of 2009. Students must be registered or on Detached Study during the tenure of the award. They are expected to devote full time to their dissertations during tenure.

APPLICATION PROCEDURES

The Graduate Affairs Committee requires that recipients of the One-Term Dissertation Fellowship meet all degree requirements the term of receiving the fellowship. The following components must be submitted to the Graduate Affairs Committee by the announced deadline:

1. Application form.
2. A brief (1 - 2 pages) description of the dissertation including what remains to be done and expected completion date. This information is heavily weighted by the GAC during their review and should provide a detailed description of dissertation work to date, how many chapters have been submitted to your committee or to a journal for publication, and how many chapters remain to be completed and what work (data collection, data analysis, writing) must still be finished.
2. The term for which support is requested.
3. A complete listing of sources and number of terms of previous support, plus alternative sources of support for the term for which support is requested.

4. A current curriculum vitae, including the categories: Education, Teaching Experience, Research Experience, Awards and Fellowships, Professional Societies, Publications, and Presentations (the style should be in NSF format, consult with your advisor).
5. A letter from the major advisor evaluating the dissertation research and the timetable for completion.

Awards are based on quality of dissertation research, evidence of research progress and professional development, amount of previous fellowship support, and availability of alternative funding sources.

c) Nominations for NIH Training Program in Genome Science - The Training Program in Genomic Science (GSTP) at the University of Michigan provides support for pre- and post-doctoral training at the interface of statistical, computational, and molecular genetics under support from the National Human Genome Research Institute of the National Institutes of Health.

Since its inception in 1995, the Program has supported 58 trainees, and is supporting eight during the 2008-2009 academic year. Training support may be for up to three years. United States citizens and permanent residents are eligible for support.

Pre-doctoral trainees can be new applicants to a relevant University of Michigan graduate program (including Bioinformatics; Biostatistics; Ecology and Evolutionary Biology; Epidemiology; Human Genetics; Mathematics; Molecular, Cellular, and Developmental Biology; and Statistics) or continuing Michigan students at any stage in their graduate studies. Pre-doctoral trainees are expected to undertake a core curriculum of the Training Program, which is described in the handbook on page 7 at http://csg.sph.umich.edu/training/handbook_2008.pdf. Post-doctoral trainees should have a doctoral degree and a desire to pursue these areas of study with a University of Michigan faculty member.

Pre-doctoral trainees are provided with full tuition (two semesters) and a stipend (\$20,772 in 2008-2009). Post-doctoral trainees receive the standard NIH stipend level which is based on years of post-doctoral experience. Trainees also may receive travel funds towards attendance at a scientific meeting.

Students who are not eligible or not chosen to be financially supported by the program may still be offered training program student member status. Student members will be expected to complete training program core courses and will be eligible to participate in all training program activities, including journals clubs, seminars and retreats.

Applications and nominations for training program funding and/or membership are due March 1 and should include: undergraduate and graduate transcripts, GRE scores, at least three letters of recommendation from undergraduate or graduate faculty, and a statement of research interests, experience, and training goals. The statement should make clear the interdisciplinary nature of the applicant's interests. Application information should be sent to:

Michael Boehnke, Ph.D.
Department of Biostatistics
University of Michigan
1420 Washington Heights
Ann Arbor, MI 48109-2029
boehnke@umich.edu

The Training Program Executive Committee meets in early March to evaluate and select trainees for the program. Nominations and applications received after March 1 will be considered if positions remain.

For more information on the training program, please contact Jeffrey Long (763-3385, longjc@umich.edu) or Susan Burke (647-3944, saburke@umich.edu), or visit our website at <http://csg.sph.umich.edu/training/>.

I look forward to hearing from you about potential trainees.

Susan A. Burke
Research Process Coordinator
Center for Statistical Genetics
University of Michigan
1420 Washington Heights
M4240 SPH II
Ann Arbor, MI 48109-2029
phone: 734-647-3944
fax: 734-615-8322

d) Senior GSIs Needed! - We are looking for “senior” GSIs to observe new GSIs during their normal teaching and provide feedback to them. You will be paid \$50 in exchange for each observation (with a 4 observations/\$200 maximum).

Qualifications: You’ve GSI-ed at least twice before (you do not need to currently be a GSI).

Job Description: You will observe a new GSI teaching during his or her normal class time, and then will meet with the GSI later to provide constructive feedback on his or her teaching. Total workload for a single observation should be approximately 1-2 hours. Observations should begin by early Feb. The sooner the observation the more valuable to the new GSI.

If you are interested, please reply to Eric Horstick (horstick@umich.edu) with the following information:

1. Your name, unickname, and ID#
2. What class(es) you have taught before
3. How many observations you would like to do (between 1 and 4, does not guarantee placement)

You will then be matched with your observee and given more detailed instructions for your observations.

e) Temporary Graduate Student Positions: Student Services Assitant II

HIRING DEPARTMENT: Rackham Graduate School Office of Graduate Student Success

LOCATION: Rackham Graduate School, 1530 Rackham 1070

PERIOD OF EMPLOYMENT: May 1 through August 31, 2009

HOURS: These vary from week to week, depending upon the activities in the summer programs, but include late afternoon and early evening hours at least once a week. Some weekend work may be required. Estimated number of hours per week is 20 but definitely will be more between July 13 and 27.

PAY: Hourly rate is \$25.00 per hour, depending upon qualifications and experience.

POSITION: Part-time help is needed to provide assistance with the planning and execution of summer educational programs for undergraduate and graduate students. The Summer Research Opportunity Program (SROP) and Summer Institute (SI) are programs developed and directed by staff in the office of Graduate Student Success. Participants in SROP and SI are outstanding students who are underrepresented

in their fields of study and/or who have a demonstrated commitment to diversity. The SROP students are undergraduates who are interested in pursuing doctoral studies and are from colleges and universities across the nation. The SI students are incoming U-M doctoral students who have received a Rackham Merit Fellowship.

DESCRIPTION OF DUTIES: Work with staff in the Rackham Graduate School to assist in the planning, development, and execution of activities that will be part of either the undergraduate Summer Research Opportunity Program (SROP) or the Rackham Summer Institute (SI). Duties include but are not limited to: working closely with Rackham staff, departmental faculty, and other university administrators to plan events and arrange faculty mentorships for either SROP or SI programs; facilitating communication between staff and participants; anticipating participant problems or concerns; meeting regularly with student participants for peer mentoring; helping with set up and clean up of weekly seminars in the evening; related office work such as data entry, data management, photocopying, mass mailings, filing, answering telephone calls and emails, attending weekly meetings; and assistance with CIC-SROP Conference planning and implementation.

NOTE: Availability during the appointment period is critical to this position. Personal commitments that would require applicants to be away from the office for an extended amount of time are undesirable. Late afternoon and early evening work will be required; possible weekend work may be required, and assistance with the final planning and hosting of the CIC-SROP Conference (July 24-26, 2009) is required.

MINIMUM QUALIFICATIONS: Applicants must be doctoral students currently enrolled in a Rackham graduate program and in good academic standing who have: a demonstrated understanding of event planning; ability to handle a variety of detailed tasks and meet deadlines; strong organizational, verbal, and written skills; ability to work as part of a team and capacity to exercise independent initiative. Our strong preference is for candidates with more than one year of graduate experience at the University of Michigan, and for candidates whose academic and/or work experience is diversity-related.

DESIRED QUALIFICATIONS: We prefer doctoral candidates or advanced doctoral students with previous experience in either the Summer Research Opportunity Program or the Summer Institute who have: familiarity with diversity issues in higher education; experience in arranging conferences and/or similar events; demonstrated customer service skills; excellent oral and written communication skills; reasonable knowledge of University and departmental policies and procedures, University organization, and University protocol and governance.

APPLICATION: Send your curriculum vitae, three professional references, and cover letter via email to Dr. Pat McCune, director of Graduate Student Success, phmccune@umich.edu, and copy the message to Dr. Ellen Meader (ellenwat@umich.edu) and Dr. Susan Frazier-Kouassi (skouassi@umich.edu). Calls will not be accepted.

SELECTION CRITERIA: We will hire six temporary employees and would like to have representation from each of the following academic areas: biological and health sciences; physical sciences and engineering; social sciences; humanities. Academic reports will be reviewed and students with incomplete grades will not be considered. We have a strong preference for applicants who have reached candidacy or who have more than one year of graduate experience at the University of Michigan, and for applicants whose academic and/or work experience is diversity-related.

SELECTION PROCESS: To ensure that your application is considered, please submit your curriculum vitae, including three professional references, and cover letter in email by February 9, 2009. We will begin reviewing submissions on that date and continue until we fill the positions.

Amy Diane Deitrickson
Administrative Assistant
Horace H. Rackham School of Graduate Studies
Office of Graduate Student Success

915 E. Washington, Suite 1530
Ann Arbor, MI 48109-1070
amydd@umich.edu
Ph: (734) 647-9404
Fax: (734) 936-2848

f) Foreign Language and Area Studies (FLAS) Fellowships: Academic Year and Summer Awards include full tuition, mandatory fees, and a stipend.

Arabic, Armenian, Bosnian/Croatian/Serbian, Czech, Filipino, Hebrew, Hindi, Indonesian, Persian, Polish, Portuguese, Punjabi, Quechua, Russian, Spanish, Tamil, Thai, Tibetan, Turkish, Ukrainian, Urdu, Uzbek, Vietnamese, Yiddish

Application Deadline: FEBRUARY 2, 2009

Applications are available online at:
<http://www.ii.umich.edu/funding/gradstud/flas>

g) Langley Aerospace Research Summer Scholars (LARSS) Program: This program provides hands-on paid research experiences for qualified undergraduate and graduate students (rising juniors and above) on-site at NASA Langley Research Center. We offer three sessions, summer, fall, and spring. The summer session is a 10-week internship and the spring and fall are 15-week internships.

The summer deadline is quickly approaching (February 1) and I request your help in encouraging your qualified students to apply to this program. It is a completely electronic process that can be submitted fairly quickly. Women and underrepresented groups are also encouraged to apply.

The specifics are below and please visit the URL provided for further details. I appreciate your assistance and if you have any questions, please do not hesitate to contact my assistant Sarah Pauls at Sarah.E.Pauls@nasa.gov or 757-864-4394, or myself at Deborah.B.Murray@nasa.gov or 757-864-5215. E-mail contact is preferred.

Eligibility requirements include:

- US Citizenship
- Full-time college student, rising junior and above by the start of the program
- Pursuing a discipline of interest to NASA
- 3.0 GPA on a 4.0 scale

Deadlines: 2009 Summer Session – February 1
2009 Fall Session and 2009 Spring Session – Deadline TBD

Funding: Rising juniors and seniors - \$5,000 scholarship for the 10-week period
Graduate students - \$6,000 scholarship for the 10-week period

Spring and Fall sessions are prorated according to the 10-week rate.

Debbie Murray, Virginia Space Grant Consortium
*LARSS Program Coordinator E-Mail: Deborah.B.Murray@nasa.gov
URL: <http://research.nianet.org/larss>

NASA Langley Research Center
Mail Stop 400 Phone: 757-864-5215
17 Langley Blvd., Room 111 Fax: 757-864-9701
Hampton, VA 23681-2199

*LARSS is managed for NASA by the Virginia Space Grant Consortium under the auspices of the National Institute of Aerospace.

h) BART IGERT Program - This is to remind you all of an exciting opportunity that the Biosphere-Atmosphere Research and Training (BART) IGERT Program provides for doctoral students interested in atmospheric sciences, environmental sciences, biology, chemistry, forestry, and the like. The NSF funded BART Program is an innovative, multi-institutional project designed to provide doctoral students from across the country with enhanced interdisciplinary training and research skills required for assuming leadership roles in the emerging field of biosphere-atmosphere interactions. Based at the University of Michigan, BART is a fellowship opportunity for student who are U.S. citizens or permanent residents and are enrolled in doctoral programs in the U.S. BART Fellows participate in a nine-week immersion experience for two summers at the University of Michigan's Biological Station (UMBS) in Pellston, MI, during which they engage in educational and research activities with the guidance of an atmospheric mentor and biospheric mentor. Fellows receive a one-year fellowship (renewable for a second year based upon satisfactory progress) that includes a \$30,000 annual stipend, funds to assist in travel to professional conferences, and coverage of lodging and researcher fees while at UMBS. In addition, the BART program negotiates coverage of tuition and with the Fellows' home institutions.

BART also offers Summer only research scholarships for master's and PhD students in select departments at select Universities. Students will conduct research during a 9 week period at the UofM Biological Station. For more details please see: http://www.lsa.umich.edu/umbs/bart/summer_fellowships/

Please visit our website at www.lsa.umich.edu/umbs/bart to learn more about our program and to download a copy of our brochure. I also encourage you to visit UMBS's website to learn more about the research facilities that are available at the Biological Station: www.lsa.umich.edu/umbs. The deadline for applications for Summer 2009 is February 27th.

If you have any questions about the programs or the application procedures, please contact me at 888-647-0536 or bartumbs@umich.edu.

Thank you.

Anne Fowler-Edin
Program Coordinator
Biosphere-Atmosphere Research & Training (BART) Program
bartumbs@umich.edu
www.lsa.umich.edu/umbs/bart/

i) Climate Savers Computing Initiative @ U-M - Applications are now being accepted for the new Climate Savers Computing Initiative @ U-M (CSCI @ U-M) Unit Funding Grant Program. University departments can apply to receive funds (\$500 to \$5,000) to make green computing changes in their areas to conserve energy and our natural resources. For more information or to apply, please visit: <http://www.climatesavers.umich.edu/projects/unitfundingform.html>

DEADLINES

--- Apply by February 20, 2009 to receive an award by March 15, 2009

FUNDING QUALIFICATIONS

The goal of the program is to help save energy and natural resources, specifically through better usage of information technology.

-- Funding requests can be for supplies, hourly wages for student assistance, redesigning work processes and one-time equipment purchases.

For example:

-- One school purchased 60 Kill-A-Watt Electricity Usage Monitors to gather baseline measurements on the energy consumption of their computers. Read more at: <http://www.climatesavers.umich.edu/news/archive/killawatt.html>.

-- A research group is trying virtual servers, which share hardware and utilize hardware resources more efficiently, instead of purchasing new servers. They will run comparisons with their existing systems to see if performance is maintained.

This program was created to tap into the creative minds and jump-start ideas, especially those applicable across campus. The results of these projects will be published so that units can learn from each other. The online proposal forms will be accepted from now through February 2009 or until funds are depleted.

To learn more about CSCI @ U-M, visit: <http://www.climatesavers.umich.edu/>.

Join the CSCI @ U-M e-mail group! Search "climatesavers" on the U-M Online Directory, at: <http://directory.umich.edu/>

j) NASA Earth and Space Science Fellowship (NESSF) Program - NASA announces a call for graduate fellowship proposals to the NASA Earth and Space Science Fellowship (NESSF) program for the 2009-2010 academic year. This call for fellowship proposals solicits applications from accredited U.S. universities on behalf of individuals pursuing Master of Science (M.Sc.) or Doctoral (Ph.D.) degrees in Earth and space sciences, or related disciplines. The purpose of NESSF is to ensure continued training of a highly qualified workforce in disciplines needed to achieve NASA's scientific goals. Awards resulting from the competitive selection will be made in the form of training grants to the respective universities.

The deadline for NEW applications is February 3, 2009, and the deadline for RENEWAL applications is March 16, 2009.

The NESSF call for proposals and submission instructions are located at the NESSF 09 solicitation index page at <http://nspires.nasaprs.com/> - click on "Solicitations" then click on "Open Solicitations" then select the "NESSF 09" announcement. Also refer to "Proposal Submission Instructions" listed under "Other Documents" on the NESSF 09 solicitation index page.

All proposals must be submitted in electronic format only through the NASA NSPIRES system. The advisor has an active role in the submission of the fellowship proposal. To use the NSPIRES system, the advisor, the student, and the university must all register. Extended instructions on how to submit an electronic proposal package are posted on the NESSF 09 solicitation index page listed above. You can register in NSPIRES at <http://nspires.nasaprs.com/>.

For further information contact Anne Crouch, Program Administrator for NESSF Earth Science Research, Telephone: (202) 358-0855. E-mail: hq-nessf-Earth@nasa.gov; or Dolores Holland, Program Administrator for NESSF Heliophysics Research, Planetary Science Research, and Astrophysics Research, Telephone: (202) 358-0734, E-mail: hq-nessf-Space@nasa.gov.

k) CEW Scholarship Opportunity: The Center for the Continuing Education of Women (CEW) Scholarship Program for returning women students was established in 1970 to honor the academic performance and potential of women whose education has been interrupted and to commemorate the one hundredth anniversary of the admission of women to the University of Michigan. Thanks to the generosity of individuals and foundations, CEW has awarded over 1100 scholarships since 1970. CEW Scholarship Awards are invaluable, since they often mean the difference between completing a degree or not doing so for many students at the University of Michigan. Due to the generosity of donors, CEW was able to expand the program in 2008 to include additional scholarships for male and female students on the Ann Arbor campus.

Applicants, must be attending the University of Michigan (Ann Arbor, Flint, Dearborn Campuses) in the academic year of 2009-2010 and must have experienced a lapse in education after graduating from high school

of at least (a) 48 consecutive months or (b) 50 non-consecutive months ?not counting interruptions of less than 8 months. Applicants who have received a CEW Scholarship in the past are not eligible.

Answers to Frequently Asked Questions:

Eligibility includes undergraduate, graduate, professional levels and full-time or part-time students.

Interruptions may have occurred at any time after High School graduation and prior to Fall Term, 2009. This means if you are currently attending UM and had an interruption ten years ago?you are eligible.

You do not have to be admitted at the time you submit the application, however you must be admitted to UM by March 4 of 2009 or application will not be forwarded to the Final Selection Committee.

When you apply, you are applying for over 35 CEW scholarships, some scholarships may have specific criteria or specific eligibility requirements. The Scholarship Award Committee will match awardees with the Scholarship that fits the appropriate criteria.

If you have any questions about the application process or eligibility, contact Roxann Keating at 734.764.7271

Scholarships Offered:

Gail Allen Scholarship

Harriet and Bryce Alpern Scholarship

AAUW Scholarship

AAUW: Mary Elizabeth Bittman Scholarship Ruth Jeanette Buttrey Scholarship Louise G. Cain Scholarship Collegiate Sorosis Foundation Scholarship Lucile B. Conger Alumnae Scholarship Molly H. Dobson Scholarship Cecilia Anne Stiborik Dreyfuss Scholarship Robert Bruce Dunlap Scholarship Elsie Choy Lee Scholarship Sarah Winans Newman Scholarship Aline Underhill Orten Foundation Scholarships Linda J. Rider Scholarship Helen Huff Shell Scholarship Margaret Dow Towsley Scholarships University of Michigan Faculty Women's Club Scholarship Irma M. Wyman Scholarship

Approximately 40 Scholarships are awarded annually ranging from about \$1,000 to \$8,000, with some larger scholarship awards given.

D) Environmental Public Policy & Conflict Resolution Dissertation Fellowship - The Udall Foundation is accepting applications for the 2009 Environmental Public Policy & Conflict Resolution Dissertation Fellowship. We invite you to post or distribute the attached application to qualified Ph.D. students.

The Udall Foundation awards two one-year fellowships of up to \$24,000 to doctoral candidates whose research concerns U.S. environmental public policy and/or environmental conflict resolution, and who are entering their final year of writing the dissertation. Dissertation Fellowships are intended to cover both academic and living expenses from July 1, 2009 through June 30, 2010. The application deadline is February 20, 2009.

For additional information about the Dissertation Fellowship, including eligibility, program conditions, and biographies of recent fellows, please visit our website at www.udall.gov.

Previously funded fields of study include geography; marine sciences; environmental anthropology; political science; economics; government; environmental science, policy and management; ecology; environmental justice; regional planning; natural resource policy; and environmental analysis and design. Interdisciplinary projects are particularly welcome.

While scholarly excellence is of prime importance in selection of fellows, the Foundation is also seeking to identify individuals who have a demonstrated commitment to environmental public policy and/or environmental conflict resolution, and who have the potential to make a significant impact in the real world.

Established by Congress in 1992 to honor Morris King Udall's thirty years of service in the House of Representatives, the Morris K. Udall Foundation is dedicated to educating a new generation of Americans to preserve and protect their national heritage through studies in the environment, Native American health care and tribal public policy. The Foundation's educational programs are supported by income from a trust fund in the U.S. Treasury.

m) 2009 NSF Graduate Research Fellowship Competition - The National Science Foundation invites you to apply for the 2009 Graduate Research Fellowship Program (NSF-GRFP) competition. This program offers up to 3 years of graduate school support worth over \$120,000 to each awardee - last year 913 awards were granted. Benefits include a \$30,000 annual stipend, a \$10,500 annual cost of education allowance, a one time \$1,000 travel allowance, and access to TeraGrid supercomputing facilities. U.S. citizens, nationals, and permanent residents at or near the beginning of their graduate study seeking research-based Master's and/or PhD degrees in NSF-supported science (including social science and psychology) and engineering disciplines are eligible to apply. The application process is currently open and closes early November 2008. We encourage interested applicants to visit www.nsf.gov/grfp/ or www.nsfgrfp.org for additional information concerning benefits, eligibility, and tips on applying. Interested applicants should strongly consider preparing their applications as early as possible to help increase their chances of winning.

The GRFP is sponsored by the NSF, which is an independent federal agency created by Congress in 1950 "to promote the progress of science; to advance the national health, prosperity, and welfare; to secure the national defense..." With an annual budget of about \$6.06 billion, NSF is the funding source for approximately 20 percent of all federally supported basic research conducted by America's colleges and universities. In many fields such as mathematics, computer science and the social sciences, NSF is the major source of federal backing. NSF funding opportunities can be found at <http://www.nsf.gov/funding/>. The NSF-GRFP Operations Center is administered by the American Society for Engineering Education (<http://www.asee.org/fellowships>).

Job Opportunities -- Hi ho, hi ho, it's off to work we go!

a) Tenure Track Position: SUFFOLK COUNTY COMMUNITY COLLEGE BIOLOGY DEPARTMENT: Ammerman Campus Selden, NY

START DATE: Fall, 2009.

RANK: Initial appointment is generally made at the rank of Instructor or Assistant Professor.

POSITION DESCRIPTION: Applicants for this position are required to teach freshman/sophomore-level courses in general biology for both majors and non-majors. The successful candidate will also be expected to teach courses in human anatomy & physiology, microbiology, and/or developmental biology. Active participation in departmental, campus, and college committees, as well as curriculum development is required. Grant writing and integration of technology into teaching is preferred.

MINIMUM QUALIFICATIONS: A Ph.D. in biology is preferred; a master's degree in biology is required. Teaching experience at the college level is preferred.

HIRING SALARY: The salary range is \$47,771-\$63,576. The exact salary will be determined by prior teaching experience and placement on the salary scale negotiated by the Faculty Association of Suffolk County Community College.

All positions are dependent upon approval of the 2009-2010 College Budget.

Suffolk County Community College is an affirmative action/equal opportunity employer and educator. It does not discriminate on the basis of race, color, national or ethnic origin, citizenship status, religion, sex, sexual orientation, age, disability or veteran or marital status.

See http://department.sunysuffolk.edu/Biology_A/index.asp for the Biology Department's web page.

See <http://www3.sunysuffolk.edu/index.asp> for the College's web page.

See <http://www.fascc.org/> for the Faculty Association web page.

APPLY TO: Interested applicants should send their resume and a Statement of their "Teaching Philosophy" to Bradford Boyer, Department Chair, at boyerb@sunysuffolk.edu

b) POSITION ANNOUNCEMENT: Public Interest Scientist Post-Doctoral Fellowship - The Environmental Law and Policy Center (ELPC) – the Midwest's leading environmental legal advocacy and eco-business innovation organization – has created an innovative Science Fellows Program to enable post-docs scientists to engage in environmental and natural resources political analysis and advocacy. ELPC Post-Doctoral Science Fellows will work with ELPC's professional staff of public interest attorneys, M.B.A.s and economists, public policy advocates and communications specialists. ELPC Science Fellows will bridge the gap between university based science research and the policy actions needed to help protect threatened natural resources, address global warming solutions, and advance environmental progress and economic development together in the Midwest. ELPC Science Fellows will work as team members with ELPC's Science Advisory Council and professional program staff to add their science and technical expertise to help frame advocacy positions and strategies and to better inform policy makers on key issues. These are full-time positions, based in Chicago, and involve engaging in important work throughout the Midwest and in Washington D.C.

ORGANIZATION: ELPC is the Midwest's leading public interest environmental legal advocacy and eco-business innovation organization. ELPC's major program areas include: promoting clean energy development strategies that help to solve global warming problems and reduce environmental degradation by encouraging energy efficiency and renewable energy alternatives to conventional power plants; promoting innovative transportation approaches, such as the development of a Midwest high-speed rail network, that will lead to cleaner air and more jobs; and protecting and preserving critical natural resources that improve the quality of life in our communities. One of ELPC's premises is that environmental progress and economic development can be achieved together. ELPC's multidisciplinary professional staff includes 40 attorneys, M.B.A.s, public policy advocates and communications specialists. ELPC was established in 1993 and has an annual budget of \$6 million. Please see ELPC's website for more information at www.elpc.org.

QUALIFICATIONS: Applicants should have a PhD in an environmental science discipline and should have: (1) A strong interest in public interest environmental advocacy and communication of scientific knowledge to diverse audiences of policymakers; (2) Scientific specialization in fields relevant to ELPC's global warming solutions, clean energy development, clean air and clean water protection and improvement, and natural resources preservation programs, as described at www.elpc.org and www.globalwarmingsolutions.org; and (3) An ability to work productively with a team of skilled professionals.

COMPENSATION: ELPC will provide a competitive salary and benefits for this one-year fellowship.

APPLICATION PROCESS: Applicants should send a cover letter, resume, names and contract info for at least two professional references, and a 1-page memo that describes how they would work effectively with ELPC professional staff on specific advocacy programs to: Kay Tamillow, Environmental Law & Policy Center, 35 East Wacker Drive, Suite 1300, Chicago, IL 60601 FAX: (312) 795-3730. KTamillow@elpc.org. The Environmental Law and Policy Center is an equal opportunity employer and is continually seeking to diversify its staff. The seven members of the ELPC Science Advisory Council provide connections and expand our networks at major Midwestern universities (e.g., Professors Knute Nadelhoffer and Don Scavia at the University of Michigan, and Professors Jonathan Patz, Bobbi Peckarsky and Don Waller at the University of Wisconsin) and research institutions (Dr. Debby Moskovits at the Field Museum of Chicago and Dr. Marilu Hastings at the Houston

Applied Research Center). These top-rate scientists infuse up-to-date scientific thinking into our key strategic legal, eco-business and policy decision-making process and bring ELPC resources into new issues that the scientists identify as significant and needing help. They provide substantial expertise in a variety of fields: conservation biology, botany, climate change, entomology, evolutionary biology, Great Lakes ecosystems, public health, and stream ecology, among others.

35 East Wacker Drive, Suite 1300 Chicago, Illinois 60601-2110
Phone: (312) 673-6500 Fax: (312) 795-3730 www.elpc.org elpcinfo@elpc.org
Harry Drucker – Chairperson Howard A. Learner – Executive Director

c) Postdoctoral Scientist – Disease Ecology and Amphibian Conservation - Creative and enthusiastic candidates are invited to apply for a Postdoctoral Scientist position working at the intersection of disease ecology and amphibian conservation at the University of Colorado, Boulder. The position will focus on identifying the drivers of amphibian-parasite interactions at multiple spatial scales, including indoor/outdoor experiments, large-scale field surveys, and spatial analyses at the national level. A wide range of parasites will be included in the study, but particular emphasis will be placed on the trematode *Ribeiroia ondatrae* and its effects on amphibian malformations. Using amphibian parasites as a model system, this work seeks to broadly understand how changes in land use affect both ecosystem- (e.g., nutrient enrichment) and community-level (e.g., biodiversity loss) drivers of parasite transmission. Previous field and experimental experience with host-parasite systems is essential, and a background in GIS and analysis of spatial data are strongly encouraged. Because funding for this position is derived from several sources, the selected candidate will have flexibility in developing specific projects.

This position will be based at the University of Colorado, Boulder, but will include significant field work in northern California. Target start date is spring or summer of 2009 (earlier is better). Interested applicants should send (as a single pdf) the following: a complete CV, contact information for references, and a brief statement of research interests (<2 pages) to Dr. Pieter Johnson (pieter.johnson@colorado.edu), Ecology and Evolutionary Biology Department, University of Colorado (see www.colorado.edu/eeb/facultysites/pieter).

d) Tenure-Track Assistant Professor Position Population Comparative Genomics - We wish to identify talented candidates for a tenure-track Assistant Professor position in Population and/or Comparative Genomics in the

Department of Biological Statistics and Computational Biology (BSCB) at Cornell University in Ithaca, NY. We are seeking to fill this position with a creative individual who is focusing on developing and applying statistically rigorous methods to large-scale data analysis in population and/or comparative genomics. The successful candidate will join an outstanding and interactive group of faculty at Cornell with core interests in population, comparative and evolutionary genomics including Andy Clark, Carlos Bustamante, Adam Siepel, Jason Mezey, Rick Durrett, Brian Lazzaro, Dan Barbash, Mariana Wolfner, Ed Buckler, Steve Kresovich, Steve Tanksley, Susan McCouch, Zhenglong Gu, Kerry Shaw, Matt Hare, Irby Lovette, Rick Harrison, Nelson Hairston, Jr., Kelly Zamudio, Monica Geber, Michael Stanhope, Ruth Ley, Steve Zinder, Nate Sutter, Bryan Danforth, Jeff Doyle, myself, and others. An advertisement, which is attached, appeared in the Oct. 10, 2008 issue of Science describing this position together with three other faculty searches in related areas (<http://scjobs.sciencemag.org/jobs/default.aspx?job=31709>). These other positions include Assistant/Associate Professor in the genomics approaches to the study of gene regulation (including comparative and evolutionary approaches), Assistant/Associate Professor of cellular systems biology, and two positions (open rank) in computational biology/genomics.

The Department of Biological Statistics and Computational Biology is dedicated to the application of statistical, computational, and mathematical approaches to problems in modern biology. The department has broad strengths in statistics and computational biology, including comparative, evolutionary, quantitative, and population genomics, Bayesian and computationally intensive statistics, and machine learning.

The department occupies a key position at the interface between the quantitative and biological sciences at Cornell and offers rich opportunities for collaborations with other investigators on the Ithaca campus, and at the Weill Cornell Medical College in New York City. Some of the research areas with

particularly high potential for collaboration include: human genetics, agricultural genomics, canine genomics and other aspects of veterinary medicine, and evolutionary genomics of diverse organisms. Members of the department are physically located in one of three adjacent buildings that also house the Department of Molecular Biology and Genetics, Entomology, and the Weill Institute for Cell and Molecular Biology. The Departments of Ecology and Evolutionary Biology, and of Neurobiology and Behavior, are in an adjacent (connected) building, with faculty being placed most closely to relevant colleagues in these other departments.

This is a very exciting time at Cornell as the University has specifically targeted comparative and population genomics for expansion, and has just launched a new Cornell Center for Comparative and Population Genomics (<http://www.news.cornell.edu/stories/Oct08/PopGenCtr.kr.html>). The University is making a concerted investment in these and other interdisciplinary studies that bridge existing strengths in the University (see <http://www.cornell.edu/lifesciences/>).

Please bring this great opportunity to the attention of outstanding junior scientists your group and department. If you have any questions, please do not hesitate to contact me at CFA1@cornell.edu.

Chip Aquadro
Chair of the Search Committee
Professor of Population Genetics, Dept of Molecular Biology and Genetics
Co-Director, Cornell Center for Comparative and Population Genomics
Chip Aquadro <cfa1@cornell.edu>

e) Post-Doc in Evolutionary Biology and Genomics - UPPSALA UNIVERSITET
Behavioural genomics

The Uppsala Centre for Evolution and Genomics located at the Uppsala University Evolutionary Biology Centre has recently been established through a 10-years Centre of Excellence grant from the Swedish Research Council. We are now seeking this competitive post-doc in the areas indicated above. Please find further information about this position including information on how to apply at <http://www.uceg.uu.se>

f) Post-Doc in Vertebrate Developmental Biology - The Khokha lab is seeking a postdoc to study early patterning events in *Xenopus*. In particular, we are very interested in developing *Xenopus* genetics in *X. tropicalis* including novel mutagenesis methods such as insertional mutagenesis with transposons as well as chemical mutagenesis to perform forward screens to identify interesting developmental mutants. Other research avenues include cloning identified mutants and their analysis. Experience in developmental biology and molecular biology is desired. Applicants with an M.D. and/or Ph.D. should submit their curriculum vitae, statement of research interests and the names of three references to: Mustafa Khokha, Assistant Professor, c/o lisa.palmieri@yale.edu.

g) Tenure-Track Faculty Positions in Ecology, Evolution & Behavior at the University of Minnesota - The Department of Ecology, Evolution, and Behavior (EEB) at the University of Minnesota announces a search for a tenure-track faculty position. We seek an innovative, productive scientist conducting theoretical and/or empirical research in Ecology, preferably that interfaces with the disciplines of either Behavior or Evolutionary Biology. We are particularly interested in research that helps to integrate the department's existing research strengths. Appointment at a more senior level may be considered for candidates with records of outstanding accomplishment.

Ph.D. (or foreign equivalent) in biology or a related discipline, strong publication record in disciplines related to the position, potential to initiate and sustain a strong research program in ecology, ability to communicate effectively, track record of interacting creatively and productively with other scientists, and evidence of commitment to teaching.

This position provides opportunity for collaboration within and beyond the EEB Department (Cedar Creek

LTER, Itasca Biological Station and Laboratories, Institute on the Environment, Water Resources Center, and the Bell Museum of Natural History), access to students in multiple graduate programs (e.g. Ecology, Evolution and Behavior; Plant Biology; Conservation Biology; Water Resource Science) and a competitive start-up package.

The successful candidate will develop a strong, extramurally funded integrative research program. He or she will contribute to the undergraduate and graduate teaching missions of the College of Biological Sciences, advise undergraduate, graduate and postdoctoral students, and participate in professional service. Initial teaching duties will include teaching an introductory Ecology course.

The University of Minnesota-Twin Cities campus has extensive research facilities (high performance computing, genomics, field research stations, greenhouses, museum collections, herbarium, and laboratories). The campus is located in the heart of the Minneapolis-Saint Paul metropolitan area, which is rich in cultural and natural attractions. For more information about the department and related initiatives (we are also searching for an animal behaviorist working at the interface with either Ecology or Evolutionary Biology) see www.cbs.umn.edu/eeb/.

Apply online at <https://employment.umn.edu/applicants/Central?quickFind=77121>

h) Plant Molecular Evolution Postdoctoral Fellowship- A postdoctoral position is available immediately for an NSF-funded project (contingent on final approval) to reconstruct the phylogenies and examine the molecular evolution of all gene families in Arabidopsis and rice. The position is for one year, renewable annually for up to three years depending on satisfactory performance. The postdoctoral fellow will work directly with Michael Purugganan (NYU) and Rob DeSalle (AMNH), and is part of a larger project titled "The Arabidopsis Proteome Folding Project" (Richard Bonneau, NYU, PI). There are opportunities in this project to work with computational biologists on evolution of protein structure and function. The ideal candidate will have experience in phylogenetic and molecular evolutionary methods, as well as in computational/database techniques. The Center for Genomics and Systems Biology at NYU, where the postdoc will be based, is a dynamic group (<http://biology.as.nyu.edu/object/facilities.gsb.html>) and is located in the Greenwich Village campus in downtown Manhattan, and together with the Department of Biology (<http://www.nyu.edu/fas/dept/biology>), offers an outstanding and collegial research environment.

We will continue to evaluate applications for this position until filled. Please send your CV and three letters of reference to: Michael Purugganan at mp132@nyu.edu. NYU is an Equal Opportunity/Affirmative Action Employer.

Michael Purugganan
Dorothy Schiff Professor of Genomics

i) Tenure-Track Assistant Professor in Biology - Alfred University's College of Liberal Arts & Sciences invites applications for a tenure-track assistant professor in Biology, with a specialty in Animal Physiology, beginning August 2009. Alfred University's College of Liberal Arts & Sciences invites applications for a tenure-track assistant professor in Biology, with a specialty in Animal Physiology, beginning August 2009. Responsibilities include courses in human and comparative anatomy, physiology, and nutrition; an active research program; and supervision of student research. Preferred areas of interest: animal behavior, ecophysiology, and reproduction and development especially in non-human systems. Ph.D. and postdoctoral experience preferred; ABD considered (for Instructor rank). We seek someone who demonstrates a strong commitment to undergraduate teaching and has research interests that can be expanded to include undergraduates. This position provides opportunities to shape an initiative in science and the arts and for interdisciplinary collaboration with other scientists and scholars, including colleagues in engineering and art & design. Alfred University, located 75 miles south of Rochester, NY, is a selective, comprehensive university. An AA/EOE employer, Alfred values diversity, high-quality teaching, creativity, global awareness and inquiry-based learning. Review of applications will begin January 5, 2009. Send application letter, vita, statements on teaching philosophy and research plans, and three reference letters. Official transcripts will be required for

Workshops and Other Useful Information

a) Science, Technology, and Public Policy Program (STPP) Information Systems - invites you to attend an information session at one of the following locations/dates.

INFORMATION SESSIONS FOR THE SCIENCE, TECHNOLOGY, AND PUBLIC POLICY (STPP) GRADUATE CERTIFICATE PROGRAM

MONDAY February 2 @ 5:30 pm – 6:30 pm (Pizza Provided)
Weill Hall Room 1230 (located at the Ford School of Public Policy)

THURSDAY February 5 @ 5:00 pm - 6:00 pm (Pizza Provided)
Taubman Medical Library, GAP Conference Room #2955
(located in the lower level of the Taubman Medical Library)

THE PURPOSE OF THE INFORMATION SESSION is to introduce the STPP Graduate Certificate Program to prospective students and faculty, and to answer questions about the admissions process.

Application Deadlines: Feb 15 and Oct 15. For additional information about the STPP Graduate Certificate Program you can visit our website: www.stpp.fordschool.umich.edu
If you have questions contact Bonnie Roberts (fischerb@umich.edu) or call 615-6942.

b) Ski Trip to Mt. Brighton: Saturday, January 31, 2009

Join us for a ski trip to Mt. Brighton! For \$35, you will get round-trip transportation to and from Ann Arbor, rentals, a 30-minute beginner's training course, and a lift pass. Space is limited to 200 participants, so sign up early to be a part of this activity.

Buses will leave from the front of Rackham Graduate School (915 E. Washington) promptly at 2:00 pm. Buses will return to Ann Arbor from Mt. Brighton at 8:00 pm, 9:00 pm, and 10:00 pm. Mt. Brighton is approximately a 30-minute drive from Ann Arbor.

Registration

Pre-Registration required at <https://secure.rackham.umich.edu/Events/wssel.php>

Once you have registered, please MAIL your check, payable to "University of Michigan," to:
(*Checks must be received no later than January 26 to guarantee your registration. Cash will NOT be accepted.)

Rackham Graduate School
Graduate Student Affairs
Attn: Danielle Harms
915 E. Washington St. Suite 1530
Ann Arbor, MI 48109-1070

OR
DROP OFF checks to the address above.

Time and Location

2:00 pm - 10:00 pm, Mt. Brighton Ski Resort, 4141 Bauer Rd., Brighton, MI 48116

c) Second Annual Health Research Symposium - organized by the School of Public Health doctoral students: Multi-Disciplinary Approaches Toward Improving Public Health

We invite all U of M doctoral students to submit research abstracts for poster presentations (maximum length: 500 words.) Submit your abstract in one of the categories below to present your research at the 2009 Health Research Symposium in March 26, 2009 and for a chance to win a \$150 outstanding Investigator Award.

Deadline for submission is February 20, 2009.

Your research should relate to one of the following abstract categories:

- Disease Prevention & Health Promotion
- Health Status, Systems, and Services
- Social & Environmental Determinants of Health, Population Health and Aging
- Quantitative and Analytical Methods & Approaches to Health Research

To submit abstracts and get more information visit the symposium website at <http://sitemaker.umich.edu/widthsymposium>.

Please email widthsymposium@umich.edu with any questions.

This event is hosted by the Workshop for Integrating and Discussing Topics in Healthcare (WIDTH) and doctoral students from all five departments in the School of Public Health.

d) Up-Coming Rackham Workshops: Tuesday, January 20, 2009 - For more information on any the the workshops listed below, see: <http://www.rackham.umich.edu/calendar/>

Tuesday, February 03, 2009

Career Identity Beyond the Ivory Tower

3:00 pm – 5:00 pm

Tuesday, February 03, 2009

Business Dining Etiquette

Time TBD

Wednesday, February 04, 2009

Parenting in the Academy: Social Sciences and the Humanities

12:00 pm - 1:30 pm

Tuesday, February 10, 2009

Copyright and Publishing Essentials for Dissertation Writers

1:00 pm – 2:30 pm

Tuesday, February 10, 2009

Parenting in the Academy: Engineering and the Sciences

12:00 pm - 1:30 pm

Wednesday, February 11, 2009

Rackham's Introduction to Yoga

Thursday, February 12, 2009

Introduction to Academic Writing for Graduate Students

3:00 pm – 5:00 pm

Monday, February 23, 2009

Spring Break Breakfast

8:30 am – 11:00 am

Monday, March 09, 2009

Stress Management

12:00 pm – 1:30 pm

e) Midwest Ecology and Evolution Conference - Is a scientific conference exclusively for presenting student work. It provides a great opportunity for networking with other graduate students from around the midwest, and is an ideal place to present and get feedback on work in progress, as well as to practice oral presentation skills in an environment that can be less intimidating than big national meetings. If nothing else, its another item to put on your CV.

It's being held in Lincoln, Nebraska from March 27-29. Abstracts are accepted until Feb. 15, but early registration closes January 15. If we have a group of students interested in attending, Deborah has said that we can use a university vehicle to carpool there. Additionally, the local Holiday Inn is offering rooms for \$94 per night (up to 4 people per room).

If you are interested, the easiest way to coordinate travel and hotel registration would probably be the EEB wiki page. Go to <http://greebs.pbwiki.com>. You will be asked to provide an invite key (password) - the invite key is "grebe" (without the quotes). On the right side of the home screen is a link to "MEEC 2009". On this page you can add your name and email by clicking on the "Comments" button.

Additional information about the conference can be found at <http://www.midwesteec.org/>

Clay Cressler

Ecology and Evolutionary Biology

University of Michigan

f) The National Geographic Society and the National Park Service are organizing a BioBlitz in Indiana Dunes National Lakeshore on May 15-16, 2009. We are now recruiting field scientists and naturalists to participate in the BioBlitz, and we invite you to join us.

A BioBlitz is a unique combination of taxonomic inventory, public outreach, and science education. At its core is a species inventory in which teams of volunteers, each led by an expert, try to find, identify and map as many species as possible within a 24-hour period. While the inventory is not systematic, it can nevertheless yield valuable biogeographic information. Recent BioBlitzes, for example, have revealed new undescribed species of arthropods and bacteria in the middle of city parks. New county records and other indices of species distribution are common.

Apart from the inventory, other activities include public presentations about biodiversity, structured field exercises with K-12 classes and teachers, demonstrations of field technology, and exhibits ranging from global biodiversity to local nature photography. These activities will occur mostly at our base camp at West Beach in the Indiana Dunes National Lakeshore, but also at peripheral sites around the park. All told, a BioBlitz is a wonderful opportunity for scientists to meet each other, get out in the field, learn about possibilities for research and teaching in National Parks, and engage the public in hands-on field work.

The 2009 event will be our third annual BioBlitz and is part of a series that we are conducting in different National Park Service units around the country. This year's BioBlitz in the Santa Monica Mountains involved over 6,000 people and yielded more than 1,700 species. For information, visit www.nationalgeographic.com/bioblitz.

We hope very much that you will join us for all or part of next year's BioBlitz. The success of an event like this depends greatly on the knowledge and enthusiasm of trained scientists. Your participation in this festive "species marathon" will help make this a valuable study of biodiversity, and will contribute immeasurably to inspiring the next generation of biologists and stewards of Northwest Indiana's natural heritage. Please see below for further descriptions of the important roles that scientists and naturalists play in a BioBlitz.

If you are interested in participating or would like more information, please reply to this message (bioblitz@ngs.org). Please let us know in particular if there are specific roles, like leading teams and working with school groups, that interest you most. We will keep you on our contact list and will be in touch with you again soon. Note that on-line registration is required and will be available in January for scientists. We anticipate that registration for the general public will open in March.

Smile of the Week!



