

DEPARTMENT OF
BIOLOGICAL
SCIENCES,
UIC COLLEGE OF
LIBERAL ARTS
AND SCIENCES,
845 WEST TAYLOR
STREET (MC 066),
CHICAGO IL 60607

Biological Sciences Newsletter

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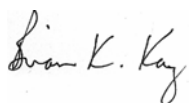
Volume 2, Issue 1

Fall 2007

The Boss' Corner

As we start the Fall semester at UIC, let me fill you in on several newsworthy items in the Department of Biological Sciences. First, Professor Christopher Comer has returned full-time to our faculty, after having served as the Dean of the College of Liberal Arts and Sciences (LAS). Everyone appreciates his yeoman's service to LAS and UIC over the past three years. Second, three new post-doctoral fellows joined the Department over the summer as Women in Science Engineering System Transformation (WISEST) fellows. These two-year fellowships, co-funded by the National Science Foundation (NSF), LAS, and the Department, are meant to help promote the careers of women in the sciences. Third, Professor Paul Malchow returned from serving as a Program Director for two years at NSF, and Professor Aixa Alfonso will be similarly ensconced at NSF beginning this month. Last, we have received permission to initiate two new faculty searches, in the areas of neurobiology and landscape biology. If we succeed, the faculty ranks would number 34. Thus, as you can see, life is never boring at the Department.

Sincerely yours,



Brian Kay, Ph.D.



Faculty Spotlight : Dr. Roberta Mason-Gamer

I arrived at UIC in 2001, after four years as an Assistant Professor at the University of Idaho. I received my B.S. at Western New England College in Springfield, Massachusetts. My undergraduate Biology department was the antithesis of UIC's; there were three Biology majors in my entire class! I spent two years in the Biology M.S. program at Boston College, where I studied membrane dynamics of the ciliate *Tetrahymena*. This has nothing to do with my current field, but I don't regret the time spent pursuing my childhood love of protozoans. I joined the Ph.D. program in Molecular and Cell Biology at the University of Connecticut in 1987, and soon realized that the goings-on in Ecology and Evolutionary Biology were more interesting to me. Luckily, two EEB faculty members were willing to take me on as a student in plant population biology, and I received a Ph.D. in Genetics in 1993. During four years as a post-doc at Harvard, I became focused on phylogenetics, and I am now especially interested in using molecular data to untangle historical patterns of divergence and hybridization.

Although I work mainly on grasses, my graduate students work on phylogenetics and population biology of organisms as diverse as Malagasy frogs, bacterial plant pathogens, lindens, and millipedes. My teaching experience at UIC includes Ecology and Evolution (BioS 230), our E&E graduate core class (BioS 531-532), and Plant Diversity and Conservation (BioS 433).

In taking on the role of Director of Graduate Studies, I welcome the chance to become more meaningfully involved in our graduate program, which continues to strengthen and grow at an impressive rate. My own graduate experience was life-changing and positive, and I hope that I can help our students get the most out of their time at UIC. Please feel free to stop by and say hello, and let me know how the Graduate Committee can help individual students, and our graduate program overall, to continue moving forward.

Career Spotlight : Plant Systematist

Through use of scientific principles, systematists have revealed the remarkable diversity of plants, their distribution, and their evolutionary relationships. Some systematists serve as stewards (curators) of herbarium collections, which are a critical source of data also used by ecologists, geographers, and conservation biologists, among others. Herbarium specimens do not just represent samples of preserved plant materials useful only to systematists. Their labels document flowering and fruiting time, geographical distribution, ecological conditions, and associated species.

Systematists can assist in conservation efforts by sharing their knowledge, thus enhancing the appreciation of plants, and engaging the public in learning about local or regional diversity. Systematists are highly qualified to interpret natural variation and often provide their service in the identification of plants, whether it is in a classroom, a workshop for resource managers, or to the general public. Curators, collection managers, and floristicians (botanists who study floras) are often the best source of information about the recognition and distribution of species. Systematists in universities and many botanic gardens often have colleagues who may work in the area of ecology and population genetics, fields that also contribute significantly to conservation biology. As a result, systematists can assist conservation biologists and local or regional resource managers, who may not always have the time or skills required for recognizing species of special interest. The public may not be familiar with species of special environmental concern, but are often very interested in searching for them in their natural habitat, or assisting in conservation efforts. Providing such information serves to instill an interest and understanding of local or regional floras, often results in the accumulation of new knowledge, and ultimately promotes conservation efforts.

(Dieter Wilken. 2006. American Society of Plant Taxonomists, Santa Barbara Botanic Garden, <http://www.aspt.net/careers/careers7.php>)



Pictured above is *Agropyron scribneri* (*Elymus scribneri*), a perennial bunchgrass from the grass tribe Triticeae. (Lavin, M. 2007. Montana State University, www.gemini.oscs.montana.edu/~mlavin/b434/lab3.htm)

If you're interested in communing with the local plant life, then visit one of these resources:

[Chicago Botanic Garden](#)

[Morton Arboretum](#)

[Cook County Forest Preserve District](#)



CHICAGO BOTANIC GARDEN

Internship Opportunities: Watch for announcements in early February regarding the 2008 program.

The Chicago Botanic Garden is 385 acres of natural beauty with 23 gardens and three native habitat areas. The second most visited public garden in the United States, it has more than 1.9 million plants of 8,800 taxa, the largest collection in the Upper Midwest. The Garden, which is a recognized center of education, research and conservation, has a respected internship program.

Interns gain hands-on experience in the areas of education, horticulture or research, and in addition, as part of their training are required to attend educational programming to broaden their general exposure to public horticulture and research. The educational component consists of lectures, field trips and workshops offered through the School of the Chicago Botanic Garden.

Most interns work between 37.5 and 40 hours per week at \$8.65 per hour. Housing is not provided. Assistance, however, in finding local accommodations is given. Interns are ultimately responsible for finding housing. International students are accepted.

For more Information, visit <http://www.chicagobotanic.org/internship/index.php>

Alumni Spotlight: Dr. Ken Schmidt

We are very pleased to profile Dr. Ken Schmidt. When asked to reflect on his time and experiences at UIC, as well as his education and career post-UIC, here's what he had to say.

I graduated from UIC 1992 with a BS in Biological Sciences with an emphasis in ecology and evolution. As an undergraduate I worked with Drs. Tom Poulson and Joel Brown on cave crickets at Mammoth Cave National Park and the foraging behavior of squirrels at the Morton Arboretum, respectively. With Joel, I investigated how squirrels perceive small scale patchiness in food abundance, and this work led to my first publication in 1996 in the *American Naturalist*. I was (and still am of course) very fond of Joel and pursued my PhD degree at UIC with Joel as my major advisor. I also greatly appreciated the opportunities offered by UIC to interact with scientists from other institutions, such as with Bruce Patterson (Field Museum) and Chris Whelan (Morton Arboretum). After one summer of working with Chris, he became my research advisor on songbird studies conducted at the arboretum. The summers there conducting research and the fun and camaraderie with Chris and the other assistants were unforgettable. I finished my degree in 1997 and moved to begin postdoctoral work at the Institute of Ecosystem Studies (IES) in Millbrook, NY.

I remained in the Hudson Valley area for the better part of five years, two as a Visiting Assistant Professor at Williams College, before moving into my current position as an Assistant Professor of Biological Sciences at Texas Tech University (TTU). At TTU I teach Animal Behavior, Ornithology, and Ecology. For research, I continue to work at IES (completing the tenth year of research in 2007) on the interrelationships between acorn, small rodents, raptors, and songbird populations, animal communication, and biodiversity and human health in collaboration with Richard S. Ostfeld (IES Scientist). This work has been funded since 1998 through two grants from the National Science Foundation and one grant from NIH. More recently, I have defined my interest as the ecology of information – the study of how organisms use and acquire information to manage their daily lives of finding mates, avoiding predators, selecting places to live, etc. It combines behavior, ecology, and evolution as well as theory and field work. My research takes me to South Africa (funded through the National Geographic Society), continues my work in New York on songbirds, and - going back to my roots - working on squirrels and their interactions with seed-robbing blue jays. Never distant, if not consciously acknowledged at the time, is the mentoring and tutelage of Joel Brown and Chris Whelan that have been two steadfast and defining forces in my life as a research scientist. As I have family in Chicago, I am fortunate to return often and visit old friends and old haunts on Taylor and Halsted.



Undergraduate Advisors Corner

- Hi there! I'm Tricia, and I'm the new Biological Sciences Academic Advisor. I received my B.S. from UIC majoring in Biological Sciences, so I'm VERY familiar with what it's like to be an undergraduate and Bio major here. I look forward to meeting you at your next advising appointment.
- If you plan on enrolling in BIOS 399 for future semesters, applications are available online at the Dept. of Biological Sciences website: http://www.uic.edu/depts/bios/courses/bio_courses.shtml#399 Applications are due at the START of the semester!
- Spring registration is right around the corner, and you will need to start planning your Spring semester. Avoid the rush and meet with Jason or Tricia before Spring registration begins.

Jason Cashmore
(3266 SES)
Tricia Stark
(3276 SES)

Monday, Wednesday,
Thursday, and Friday
9:30-12p
1p-3:30p
Call 312-996-2211 to
make an appointment

Notes from Neuroscience

There is a growing need to train students in neuroscience at the undergraduate level. The recently formed Bachelors in Neuroscience degree at UIC, has now graduated 21 students since Spring 2006, and currently has 30 majors with more interest each semester. A Bachelors degree in Neuroscience provides the background for future graduate study and/or the study of medicine. The UIC major is a joint effort of the Departments of Biological Sciences, Psychology and Philosophy.

Dr. Stephen Kelso is available to assist students who wish to inquire about or declare the major. Please contact Dr. Kelso (skelso@uic.edu) to set up an appointment to review your credits and to plan your path to graduation with a degree in Neuroscience. For additional information on the curriculum, the faculty involved and information about other associated events, please visit the Neuroscience website at www.uic.edu/las/LIN.

MAKE A GIFT TO BIOLOGY

We are committed on developing support for our Biology students. We have a number of scholarships to fund students and their research. We are focused on increasing the scholarship opportunities provided to them, and enhancing the classroom experience by acquiring up to date technology for our laboratories. Making a gift is easy and tax-deductible, and it has an immediate impact on the experience on Biology students.



To make a gift, simply write a check payable to
 The University of Illinois at Chicago
 In the Memo section write :
 Unrestricted Biology

The Liberal Arts and Sciences Alumni Association is looking for alumni & friends like you!



LASAA Board with Dean Christopher Comer at the 2006 LAS Scholarship Dinner

We are a diverse group of alumni volunteers donating our time to enhance the UIC experience in the College of Liberal Arts and Sciences.



LAS students learn about Careers in Law from LAS alumni at this LASAA-sponsored event

Alumni News

New website for Alumni:

<http://www.uic.edu/depts/bios/>

View the newsletter on-line at:

<http://www.uic.edu/depts/bios/newsletter.shtml>



Keep In Touch Alumni Questionnaire

Please send me more information on:

- Alumni Gatherings
- Upcoming Seminars
- Departmental needs for private support
- Volunteer opportunities
- Other please specify:
- Contributing to an article to the newsletter

Name _____

Address _____

Email Address _____

Phone _____

Cut along the dotted line and please mail to UIC or email us the information at tricia@uic.edu so we can stay in touch with you!

There's a place for you in the LASAA!

To get more information and to get connected: lasaa@uic.edu or call 312 412 3281 <http://connect.las.uic.edu>



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Faculty News

- Dr. Paul Malchow has returned from a two year leave of absence and is now the Associate Provost of Faculty Affairs. He spent the last two years as a Program Director with the National Science Foundation, handling grant applications in the area of Sensory Systems and Computational Neuroscience. Dr. Malchow is, "delighted to be back on the UIC campus teaching, interacting with students, and pursuing research."
- Dr. Paul Malchow has also recently published an article in the Journal of General Physiology: Kreitzer, M.A., Collis, L., Molina, A.J.A., Smith, P.J.S., and Malchow, R.P. (2007) Modulation of extracellular proton fluxes from retinal horizontal cells of the catfish by depolarization and glutamate. Journal of General Physiology 130:169-82.
- Dr. Aixa Alfonso is on leave this year and has taken a position as a Program Director at the National Science Foundation in the Division of Integrative Organismal Systems.
- Three new faculty members have joined the Biological Sciences department: Assistant Professor Boris Igic, Assistant Professor Q. Tian Wang, and Professor David Wise.
Dr. Igic's research is broadly concerned with mating system evolution and the detection of factors that govern diversification of organismal life.
Dr. Wang is interested in proteins that regulate cell fate via interaction/modification of the chromatin. Her lab uses mouse models and embryonic stem cells to address the developmental roles of such proteins and the underlying mechanisms.
Besides being a Professor in the Biological Sciences Department, Dr. Wise is also a Research Professor in the Institute of Environmental Science and Policy at UIC. He has an international reputation in field experiments with terrestrial food webs and the ecology of spiders.
- Dr. Howard Buhse, Associate Head of the Biological Sciences Dept., is on Sabbatical leave in the Department of Molecular, Cell Biology, University of California at Santa Barbara for the Fall semester.
- Dr. Joel Brown was featured August 21st in a story about urban wildlife on WTTW Channel 11's "Chicago Tonight." The segment can be viewed online by visiting <http://www.wttw.com/main.taf?p=28.7.10> and choose the August 21st story, "Bunny rabbits are populating the downtown area and are "hare" to stay. "
- Dr. Alan Molumby will be attending the 17th Annual Prairie Invertebrate Conference October 20-21 in Decorah, Iowa. His presentation is titled, "Chicago's Urban Bee Community: Diversity, Phenology, and Habitat Use."
- Dr. David Featherstone was featured on October 3rd, on Chicago Public Radio (WBEZ-FM) about the existence of a so-called "gay gene", which included details of Dr. Featherstone's research. Dr. Featherstone uses fruit flies to show that their sexual behavior changes after gene manipulation. You can listen to the audio and read the transcript "Gender Bending Flies: Searching for "Gay Genes"" by visiting: http://www.chicagopublicradio.org/Cityroom_Story.aspx?storyID=13702
- Dr. Chris Fall, an Adjunct Professor in the Dept. of Biological Sciences, has been awarded a 3 year NSF grant to study Ca²⁺ waves and related intracellular signaling mechanisms in the dendrites of neurons using computational models. The goal is to understand if second messenger pathways can contribute to persistent activity in cortical pyramidal cells.
- Dr. Peter Okkema received the Excellence in Teaching Award at the UIC Faculty Awards Recognition Dinner on October 9th, 2007.

Is there a someone you feel should be recognized for making a positive impact on your education?

You can nominate a faculty or staff member. Visit

<http://www.uic.edu/homeindex/wowaward.shtml#wow>

WOW Awards can be given each month.

If you have questions about this award or the selection process, please contact the Selection Committee, c/o the University of Illinois Alumni Association, at 312/996-8535 or wowaward@uic.edu



Biology is the science. Evolution is the concept that makes biology unique.

Jared Diamond

Are you interested in working alongside a faculty member on your own research?
Are you interested in working in a lab for credit?

Then you should consider registering for Independent Research (**BIOS 399**).
For more information, visit http://www.uic.edu/depts/bios/courses/bio_courses.shtml#399

Student News

- Ying "Amy" Ye and Daniel Lee, sophomores and Biological Sciences majors, have each won a 2007 Goldwater Scholarship. Ye plans on using her scholarship to study molecular genetics and neuroscience, and Lee will study immunological research.
- Several awards were earned by undergraduates at the Biological Sciences Department's Undergraduate Awards Day held at the end of Spring 2007 Semester. The awards and honorees are as follows:

Elmer Hadley Award, given to a student with high academic achievement who has conducted an outstanding research project in the area of ecology, evolution, or conservation biology: **Izabela Robel**

Edward G. Rietz and Stanley K. Shapiro Award in Biochemistry, honors an outstanding graduating senior in Biochemistry: **John Komenda** and **Shripaad Shukla**

Louis Pasteur Award, given to a graduating Biological Sciences major who meets the requirements for highest departmental distinction: **Paul Orlando**

The Hirsch Family Award, given to an undergraduate Biological Sciences major with high academic achievement: **Marianna Gomez**

The Hodgkin and Huxley Neuroscience Award, given to an outstanding Neuroscience major with a GPA above 3.9 and conducted an exceptional research project:

Azhar Kothawala

The following undergraduates received Outstanding Scholarship Awards:

BIOS 100—Lamya Arman, Michael Koerner, Daina Ringus, and Ramunas Rolius

BIOS 101—Ellie Jhun and Daina Ringus

BIOS 220—Folabomi Ajanaku, Solomon Cherian, Mechu Narayanan, Daina Ringus, and Linda Zak

- The following students were awarded graduate degrees in 2006-2007:

Wael Abdel-Fattah, Ph.D.

Som Ale, Ph.D.

Sviatoslav Bagriantsev,
Ph.D.

Ernest Blackwell, Ph.D.

Kara Borden, Ph.D.

Melissa Burns, M.S.

Michael Carr, Ph.D.

Jennifer Fessler, Ph.D.

Wyatt Gaswick, M.S.

Antonio Golubski, Ph.D.

Elena Gracheva, Ph.D.

Michael Hsu, Ph.D.

Maria Luisa Jorge, Ph.D.

Meghana Joshi, Ph.D.

Nicholas Mathenia, M.S.

Liza Mohanty, Ph.D.

Gabriela Nunez-Iturri,
Ph.D.

Carlos Palencia, Ph.D.

Ankita Puri Taneja, Ph.D.

Jennifer Ramalie, M.S.

Paramita Ray, Ph.D.

Stuti Shroff, Ph.D.

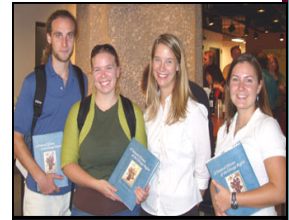
Bryan Stuart, Ph.D.

Lina Taneva, Ph.D.

Yakov Vitrenko, Ph.D.

Aleksey Yevtodiyyenko,
Ph.D.

Sofia Zaichick, Ph.D.



UIC is a pioneer in urban ecology and host to a new LEAP (Landscape, Ecological, and Anthropogenic Processes) program of study. This photo shows the first four LEAP fellowship recipients. From left to right, Paul Gulezian, Erin McGuire, Jennifer Ison and Maggie Kendall.

Graduate Departmental Contacts and Information

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kleist@uic.edu

Continuing Students:

Beth A. Brand,
3248 SES
(312) 996-2955
Email:
bethann@uic.edu

Curriculum News

- **Dr. David Wise** is coordinating a new course in Biological Sciences this Fall. Aimed at graduate students, BIOS 540, *Interdisciplinary Approaches to the Study of Integrated Human/Natural Landscapes*, is a broadly interdisciplinary course that introduces students to how scientists, engineers, policy makers and managers define problems, gather and analyze data, and develop policy in the ecology, management and restoration of integrated human/natural landscapes.

This course is the first of four very interactive new classes that will be developed with funds awarded to UIC by the National Science Foundation to train graduate students who are focused on understanding ecological processes in human-altered landscapes. The program is called LEAP and Dr. Mary Ashley (BioS) is PI of the grant. BioS 540 will be offered each Fall.

If attending graduate school to become an ecologist is in your future, be sure to look at www.uic.edu/depts/bios/leap to learn about the courses and fellowships that could be available to you.

Seminars

Ecology and Evolution: Tuesdays at 4pm, 4289 SEL, 840 W. Taylor Street

10/18/07 (Thursday)—Marianna Naum, UIC: "The effects of horizontal gene transfer on virulence gene sequences of enterobacterial plant pathogens."
 10/23/07—Jason Weir, Univ. of British Columbia: "Evolution of the latitudinal species diversity gradient of New World birds and mammals."
 11/06/07—Rachel Santymire, Lincoln Park Zoo
 11/13/07—Sergiusz Czesny, Lake Michigan Field Station/INHS
 11/27/07—Gillian Bowser, Texas A&M
 12/11/07—Nyree Zerega, Northwestern Univ/Chicago Botanic Garden

Molecular, Cellular, and Developmental Biology: Tuesdays at 10:30am, 4300 MBRB, 900 S. Ashland Avenue

10/23/07—Veronica Volgina, UIC: "Synthetic antibody libraries from a two-amino-acid code"
 10/30/07—Anita Mangaran, UIC: "Taking 'cues' from Yeast Prions"
 11/20/07—Adnan Memic, UIC: "Generating affinity reagents to affinity reagents for nanotechnology purposes"
 11/27/07—Sviatoslav Bagriantsev, UIC: "Using yeast to study amyloid conformations of Sup35p, Rnq1p, and abeta proteins"
 12/11/07—Rob Kleps, UIC: TBA
 12/18/07—Grant Krafft, Acumen Pharmaceuticals, Inc.: TBA

Landscape, Ecological, and Anthropogenic Processes (LEAP):

10/11/07—Dr. Audrey L. Mayer, University of Helsinki, Finland: "International markets, ecological connectivity, and sustainability debt." 1pm, 4289 SEL, 840 W. Taylor Street

Pre-Health Information Sessions: **RSVP** to the events you'd like to attend

10/23/07—Pharmacy seminar for ALL interested students, guest speaker: Thomas TenHoeve from UIC College of Pharmacy. 250 SES, 845 W. Taylor Street, 4pm.
 11/07/07—Interviewing Strategies. Location/Time TBD
 11/13/07—Podiatry seminar for ALL interested students, guest speaker: Mandy Meinhart, Scholl College of Podiatry and current students at the College. 320 Stevenson Hall, 4pm.

RSVP for the Fall 2007 Pre-Health Information session of your choice at <http://www.uic.edu/las/college/prehealth/>

Contact Candice Eisenhauer candleis@uic.edu for more information

Important Dates to Remember

November 5: Registration begins for Spring Semester.
November 22-23: Thanksgiving Holiday. No Classes.
December 7: Instruction Ends.
December 10-14: Final Examinations.
December 15: Fall Semester Ends.
January 14: Spring Instruction begins.

Seminar Questions:

Ecology & Evolution:

Lynne Wiora
wiora@uic.edu

Molecular, Cellular, and Developmental Biology
 Corinna Kitcharoen
ckitch1@uic.edu

Neurobiology
 Bernadette Fredricks
bfred@uic.edu

Landscape, Ecological, and Anthropogenic Processes
 Mary Wais
mwais@uic.edu



Dr. Thomas Park studies sensory physiology of naked mole rats, an unusual eusocial burrowing mammal from Africa.

Need help with your science class?

Then visit the **Science Learning Center**
 201 SES
 845 W. Taylor St.
 Chicago, IL
 60607

SLC offers tutoring Monday-Friday
 7:30am-5pm

Schedules are posted on line:
<http://www.chem.uic.edu/u/slc/>

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Tricia Stark
Mary Wais

[http://
www.uic.edu
/depts/bios/
ungradstudy.
shtml](http://www.uic.edu/depts/bios/ungradstudy.shtml)

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Alumni Association

Scholarships

Whether you are continuing with your undergraduate studies or looking soon to go on to graduate school, you can find scholarships to fit your goals. The Office of Special Scholarship Programs (2506 University Hall) offers award information and advising to students. Consider the Goldwater (for continuing undergraduates) and NSF Fellowships (for graduate study) and visit our website at www.uic.edu/depts/oaaspp for other scholarships and more information.

Goldwater

For sophomores and juniors in science, math and engineering intent on *research-based careers*, this award offers \$7500 annually toward your last year(s) as an undergraduate. The Goldwater seeks students with a 3.7 GPA or higher and research experience. **Students must be nominated by UIC.** More information at: <http://www.uic.edu/depts/oaaspp/goldwater>

Deadline: Nov. 15 (UIC)

NSF

The National Science Foundation offers awards to graduating seniors and first year graduate students that provide an annual \$10,500 tuition allowance and \$30,000 stipend towards graduate school. Most fields of science, math, engineering and the social sciences are eligible. *MD degrees are not funded by NSF.* Students apply directly to NSF. More information at: <http://www.uic.edu/depts/oaaspp/nsf>

Deadline: Nov. 7 (for Life Sciences)

Bio majors earn big bucks and great trips! In Spring 2007, biological science majors Amy Ye and Daniel Lee were awarded the Goldwater Scholarship in recognition of their commitment to research science and academic excellence. Julia Geynisman, a 2007 graduate and bio major, won a Fulbright Fellowship to do research on Russian physicians in Israel for the 2007-08 academic year.

Are you wondering if you might be a good candidate for one of these or another award? Contact the Office of Special Scholarship Programs at ssp@uic.edu or 355-2477 to discuss options for your future.

Cooperative Education/Internships

Do you want to put your scientific expertise to use protecting America? The Chicago Field Office of U.S. Customs and Border Protection has an Agriculture Specialist position available through the LAS Cooperative Education/Internship Program.

As an Agriculture Specialist, you would play a critical role in the Department of Homeland Security, U.S. Customs and Border Protection. As such, you would be part of the frontline officer team charged with carrying out the agency's priority mission, which is to prevent terrorists and instruments of terrorism from entering the U.S. while expediting the flow of legitimate trade and travel.

Qualifications: Students must presently be in their 3rd year at UIC, be a Biological Sciences, Biochemistry, or Chemistry major, have at least a 2.9 GPA, and graduate *after* May 2009. Students will be required to complete 640 work hours before completing their educational requirement.

Application Deadline: October 19th, 2007

If interested, **assemble a résumé first**, and then contact:

Sharon Heslup, Director
LAS Co-Op Education/Internship Program
350 University Hall
312-996-0425
lascoop@uic.edu