

Conservation Biology Graduate Program Weekly Newsletter

12 February 2007

A weekly newsletter of the Conservation
Biology Graduate Program

<http://www.consbio.umn.edu/newsletter/>

Submissions to coop0162@umn.edu



Editor's Corner

Sorry to get the newsletter out so late! I've been working away all day and when I was suddenly struck with the realization that I hadn't sent this out. The semester is in full swing. Along with the many interesting seminars this week, many of the job, internship, and fellowship application deadlines are approaching fast (this week and next). So, let's get to it!

Ciao.

Anne Cooper

Lectures/seminars on campus

Conservation Biology Seminar

Date and time: 12 February (Monday) 4:00-5:00pm

Location: Please note that the location for seminar has changed again this semester: we will be meeting Mondays from 4-5 in 335 Borlaug.

Presenter: Lynne Baker

Topic: Estimating Occupancy of Hunted, Rare Primates: Case Study of the Sclater's Monkey in Nigeria

Notes: Worldwide, the major threats to non-human primates are habitat destruction and hunting. To date many studies of wild primates have occurred in habitats with little or minimal anthropogenic disturbance. While detailed behavioral and ecological data can be garnered from studies in minimally disturbed sites or on closely related species, these data cannot be easily extrapolated to other locations or species. Consequently, information is needed on primates in disturbed, hunted, or unprotected habitats in order to develop appropriate conservation strategies and spend limited funds wisely. The endangered Sclater's, or Nigerian, monkey (*Cercopithecus sclateri*) is an ideal species through which to investigate such questions. The species is endemic to southern Nigeria – a region of high human density, environmental degradation, and intense oil production.

Assessing the population status of rare or cryptic primates is often done using population indices. Critics of indices note lack of detection probability as the method's principal flaw. To obtain information about the Sclater's monkey – its habitat use and abundance – I designed a survey based on occupancy, which accounts for variation in

detection using presence/absence data, in a freshwater swamp forest in the Niger Delta. Results show that occupancy surveys will be, in some cases, more feasible and effective than other methods in sampling rare, cryptic species, but call into question the value of accounting for detection with regard to *Cercopithecus* species. Survey design and observer skill are shown to be particularly relevant.

Job talks on biological anthropology

Date and Time: Friday, February 15, 2007, 2:30pm

Location: HHH 15, West Bank

Presenter: Cara Wall-Scheffler, PhD. 2005 – University of Cambridge, UK

Title: Costs of being Hominin: Interactions and Innovations

Ag Issues Roundtable

Date and time: Thursday, Feb. 15, noon

Location: Four Points Sheraton hotel, Minneapolis

Presenter and notes: Professor Kent Olson of the [Department of Applied Economics](#) will speak on "The New Farm Bill: Impacts on Minnesota Farms." The event is the second in a series this academic year and will be at the Four Points Sheraton hotel. Cost is \$30; [pre-registration is necessary](#).

Environmental and Resource Economics Seminar

Date and time: Monday, February 12 from 12:00-1:30 p.m.

Location: Room 230 Classroom Office Building

Presenter: Jason Hill

Title: "Carbon-Negative Biofuels from Low-Input High-Diversity Grassland Biomass," (paper co-authored with David Tilman and Clarence Lehman).

For a copy of the paper go to:

<http://www.apec.umn.edu/documents/JHillEnvirSemSp07.pdf>

Notes: Biofuels derived from low-input high-diversity (LIHD) mixtures of native grassland perennials can provide more usable energy, greater greenhouse gas reductions, and less agricultural pollution per hectare than can corn grain ethanol or soybean biodiesel. High-diversity grasslands had increasingly higher bioenergy yields that were 238% greater than monoculture yields after a decade. LIHD biofuels are carbon negative because net ecosystem carbon dioxide sequestration (4.4 megagram hectare⁻¹ year⁻¹ of carbon dioxide in soil and roots) exceeds fossil carbon dioxide release during biofuel production (0.32 megagram hectare⁻¹ year⁻¹). Moreover, LIHD biofuels can be produced on agriculturally degraded lands and thus need to neither displace food production nor cause loss of biodiversity via habitat destruction.

Ecology, Evolution and Behavior

Date and time: Wednesday, February 14, 2007, 4:00 p.m.

Location: 335 Borlaug

Presenter: Dr. Brett Couch

Title: "Plant-Pathogen Interactions: Pandemic Disease and Resistance Gene Evolution"

Notes: Where and when did pathogen populations of crops originate and how have the genes governing these interactions evolved through time? I have investigated these questions using two model systems. Both of these studies suggest how evolutionary analyses can direct analysis of virulence determinants in pathogens and resistance gene function in plants. The rice blast fungus is a common, widespread disease of rice and numerous other grasses including common rice field weeds. Populations of this

fungus tend to be highly host specific but given the proximity of wild hosts and the certainty of dispersal of the pathogen from weeds to rice there exists ample opportunity for host-shifts from weeds to rice. The high density and genetic uniformity of cultivated rice is expected to favor frequent host shifts from weeds to rice. Sampling from rice and weeds resolved a single, relatively recent origin for pandemic the clonal lineage infecting rice. This suggests that rice-infecting populations share common virulence determinants required for infection of rice. Identification of critical virulence determinants could be used to target searches for resistance genes that recognize these virulence determinants. Such resistance would be expected to be durable and provide widespread protection against blast. Plants have evolved a variety of mechanisms to prevent infection and reduce damage caused by pathogens. A major class of resistance genes is involved in recognizing pathogens and eliciting defenses that prevent infection. These genes are abundant in plant genomes but generally have no known function. In order to exploit this diversity for the control of plant disease, what is needed is a better understanding of how these genes have changed function. I have used analysis of selection and recombination to identify genes that have likely evolved new resistance function and in using these results to guide experimental studies of gene function.

Host: Georgiana May

Coffee, Tea and Cookies will be served outside of 100 Ecology at 3:30.

Announcements

At the Bell: Project Art

Seventeen artists from Minnesota and Wisconsin take inspiration from the region's increasingly splintered wild places in "Project Art for Nature: Presence, Essence, Absence," **opening February 10** at the [Bell Museum of Natural History](#). Through a wide variety of media, Project Art for Nature artists explore changes in the natural environment -- including habitat degradation and restoration -- caused by weather, climate and human activity. Working in teams of two and three, the artists focused on locations ranging from Wisconsin's Kinnickinnic River and Crex Meadows Wildlife Area to the Mississippi River Gorge in Minneapolis and Mankato's Kasota Prairie.

We're here to help

Center for Writing's Interdisciplinary Studies of Writing

As coordinator of the Center for Writing's Interdisciplinary Studies of Writing (ISW) grants program, I'm writing to invite proposals for this year's research grants to support projects in WAC and WID. Details about the application process for this year's grants are now available at <http://writing.umn.edu/isw/grants.htm>. Examples of publications arising from past grants are available as pdfs at <http://writing.umn.edu/isw/publications.htm>.

Besides browsing through the information on the website, please do consider me a resource: I am happy to consult with applicants at any stage of the process, from chatting about potential research questions to reviewing drafts of proposals. And, of course, I am always available to answer your questions about ISW and the grants program.

With best wishes,

Katie

Graduate School Grad Workshops

To view the complete list of workshops for spring semester go to:
<http://www.grad.umn.edu/career/workshops/default.asp?list=grad>

WORKING BETTER TOGETHER--RESOLVING CONFLICT WHILE BUILDING
RELATIONSHIPS IN THE WORKPLACE Tuesday, February 13, 2007 3:00-4:30 p.m.
143 Classroom Office Building, St. Paul Campus MAP:
<http://onestop.umn.edu/Maps/ClaOff/ClaOff-map.html>

Presenter: Janet Morse, Director, Student Dispute Resolution Center

Notes: Examine your own approach to conflict to better understand how others may view a situation and how best to resolve it. Work with others to develop some basic communication and problem solving skills to assist in the process of conflict resolution. Learn about the resources the Student Conflict Resolution Center has to offer; feel free to bring a problem you wish to discuss and get some ideas on how to tackle it. Click below to register: <http://www.grad.umn.edu/career/workshops/register.asp?id=131>

NETWORKING SKILLS FOR GRADUATE AND PROFESSIONAL STUDENTS
Wednesday, February 21, 2007 2:00-3:30 p.m. 415 Alderman Hall, St. Paul Campus
MAP: <http://onestop.umn.edu/Maps/AlderH/AlderH-map.html>

Presenter: Meaghan Stein, Career Counselor, Career Center for Science and Engineering

Notes: Eighty percent (80%) of jobs are found through networking. Attend this workshop to learn more about the hidden job market and how to network effectively. Click below to register: <http://www.grad.umn.edu/career/workshops/register.asp?id=132>

Date Saver

Job talks on biological anthropology

Date and Time: Monday, February 19, 2007, 2:30pm

Location: BlegH 125, West Bank

Presenter: Kieran McNulty, Ph.D. 2003 – City University of New York

Title: Geometric and paleontological perspectives on ape and human evolution

Date and time: Friday, February 23, 2007, 2:30

Location: HHH 15, West Bank

Presenter: Jason Organ*, Ph.D. candidate (expected 7/7) Johns Hopkins
School of Medicine

Title: Unraveling the ‘tale of tales’: reconstructing primate behavior and biology from the fossil record

Date and time: Monday, February 26, 2007, 2:30pm

Location: Blegan Hall, West Bank

Presenter: Karen L. Baab*, Ph.D. candidate (anticipated 2007) City University
of New York

Title: The implications of cranial shape for the taxonomy and evolution of /Homo erectus/: A 3D geometric morphometrics approach

Ada Comstock Distinguished Women Scholars Lecture

Presenter: Professor Catherine French, Civil Engineering

Title: “Shake, Rattle, and Roll: Testing Structures to Their Limits”

Date, time and location: March 22, 2007, 7:30 p.m., Cowles Auditorium, Hubert H. Humphrey Center

Reception follows lecture.

FREE. RSVP: 612-625-9837 or women@umn.edu

This program is co-sponsored by the Office of the Vice President and Provost for Academic Affairs, the Office for University Women in the Office of the Vice President and Vice Provost for Equity and Diversity, The Graduate School, and University Libraries

What's for Dinner?' features author Michael Pollan

Date and location: Thursday, April 19, 2007, 9:00 a.m. - 2:30 p.m.

Location: MacMillan Auditorium

Keynote: Michael Pollan, author and journalist

Conference: \$100 member / non-member (conference includes keynote, panel and special luncheon discussion)

Morning Session only: \$35 member / non-member

Co-sponsored by the University of Minnesota's Program on Agricultural, Food and Environmental Ethics and the Minnesota Institute for Sustainable Agriculture (MISA)

Notes: The University of Minnesota Landscape Arboretum presents What's for Dinner? The Ethics and Aesthetics of Eating, featuring Michael Pollan, author of "The Omnivore's Dilemma." Pollan will present the keynote address, followed by a panel discussion including Allen Levine, CFANS dean, as well as regional experts, growers and distributors. The event is presented by the arboretum's Public Policy Program and sponsored by the [University of Minnesota's Program on Agriculture, Food and Environmental Ethics](#) and the [Minnesota Institute for Sustainable Agriculture](#). For more information and to register, call the Arboretum's Education Office at 952-443-1422 or go to <http://www.arboretum.umn.edu/education/adult/publicpolicy.htm>.

Conferences and Meetings

The American Society of Naturalists (ASN)

The annual meetings of The American Society of Naturalists (ASN) <http://www.amnat.org/>, Society of Systematic Biologists (SSB) <http://systbiol.org/>, and the Society for the Study of Evolution (SSE) <http://www.evolutionsociety.org> are scheduled to be held June 16-20, 2007 at the Christchurch Convention Centre, Christchurch, New Zealand. Saturday June 16 is the arrival day (pre-conference tours, council meetings and opening reception), Sunday June 17 through Wednesday June 20 (scientific sessions) with closing awards banquet scheduled for the evening of Wednesday, June 20. Thursday June 21 is departure day. Full details on this combined meeting are available at the Evolution 2007 web site, www.evolution2007.com On line conference registration and talk/poster registration is now available at this site. Delegates intending to present a talk or display a poster at Evolution 2007, must first register through the on line registration process.

PLEASE NOTE THE FOLLOWING DEADLINES For submission of talk/poster titles- **April 15, 2007** For early bird discounted registration rates - **March 31, 2007** Delegates can register early and submit titles no later than the deadline above. Information on travel to New Zealand and accommodation options for the conference can be found on the conference web site.

2007 MN SCB ANNUAL MEETING & RETREAT: FEB 23-24, 2007

Greetings MNSCB members and friends -

We are excited to see you at the annual meeting this February! This year we will be flying solo (without AFS, TWS etc), and meeting at a smaller venue: the Audubon Center of the North Woods in Sandstone Minnesota. Our theme will be Conservation and Working Lands. Instead of having contributed paper sessions, we will have 4 sessions in which we hear from critical thinkers, but spend at least 1/2 the time in discussion of the topics (see below). We hope to use this time to deepen our chapter's capacity to take action on issues of critical concern. If you have ideas about these sessions, please contact Julia right away, and she will put you in touch with the organizers. We especially need contributions of papers and discussion items for a session on water.

We are also excited to introduce what we call "fireside papers", an opportunity for our members to do short presentations on their research questions and then get feedback from or work on networking with other professionals. Unlike traditional contributed papers, the focus will be on deepening the conversation about issues that you are working on. On Saturday we will continue to discuss the role of MN SCB in advocacy work and hold a series of facilitated conversations on our strategic role in MN conservation efforts.

*Thanks, and we look forward to seeing you in Sandstone.
Julia Frost Nerbonne, Erika Rivers, and Brian Stenquist
Conference Organizers*

American Fisheries Society Annual Meeting

We invite you to California as the American Fisheries Society (AFS) convenes its 137th Annual Meeting at the Marriott Hotel in downtown San Francisco September 2-6, 2007. The theme of the meeting is "Thinking Downstream and Downcurrent: Addressing Uncertainty and Unintended Consequences in Fish and Fisheries." At the interface between the Sacramento-San Joaquin River drainage and the Pacific Ocean, San Francisco provides an outstanding venue to think about managing whole ecosystems, advance your professional networking, and to keep current on emerging ideas in fisheries science and management. San Francisco also provides a world class location for a personal or family vacation. Dozens of must-see cultural, historic, and natural points of interest are located only minutes away from the Marriott. Experience a wide array of outdoor activities both locally and within a few hours drive from the "The City". Climb aboard a cable car to visit Fisherman's Wharf, take a ferry to Alcatraz, or walk along the bayside Embarcadero. Drive across the Golden Gate Bridge to hike through giant redwood groves, meander up the Pacific Coast Highway, or discover the delights of the Napa/Sonoma wine country. Cast a line for salmon, rockfish, and halibut or fly fish for trout in the myriad Sierra Nevada streams from Lake Tahoe to Yosemite. We hope you join us in San Francisco to stimulate scientific thinking and let the Golden State stir your senses.

Deadlines

23 February 2007 - Final list of confirmed symposium speakers

02 March 2007 - Deadline for symposium presentation abstracts

Minnesota Chapter of the American Fisheries Society 2007 Annual Meeting Call For Papers

The meeting will be on March 19-21, 2007, at the Holiday Inn Hotel and Suites, St. Cloud. Get your abstracts in to Dan Isermann by January 29, 2007. For details on submitting your abstract, see the December RYBA.

Are you a student member? We have a new process for allotting Student Travel Awards for the annual meeting. Don't be shy - the Minnesota Chapter strongly supports student attendance, for both graduate and undergraduate students.

Managing Incidental Findings in Human Subjects Research: From Imaging to Genomics

This full-day conference is sponsored by the University of Minnesota in partnership with the Consortium on Law and Values in Health, Environment & the Life Sciences. This conference is supported in part by a grant from the National Human Genome Research Institute, National Institutes of Health, grant #1R01HG003178-01A1.

Tuesday, May 1, 2007 . Cowles Auditorium, Hubert H. Humphrey Center . University of Minnesota

Register at www.lifesci.consortium.umn.edu/conferences/if.php or email lawvalue@umn.edu.

This conference will present the recommendations from an NIH-funded project developing standards for the management of incidental findings identified during research with human subjects. Incidental findings are defined as unexpected findings beyond the domain of key interest in the research that have potential clinical significance. Presentations will focus on obtaining feedback from the public, researchers, research subjects, and regulatory bodies such as IRBs on a position paper outlining consent form language and IRB protocols.

For more information, visit our conference website: <http://www.lifesci.consortium.umn.edu/conferences/if.php> Or contact the Consortium office at: Email: lawvalue@umn.edu, Telephone: 612-625-0055

Job opportunities

NPS POSITIONS: Biological Technician, Field-Crew Leader (amphibians), GS-0404-

LOCATIONS: Fieldwork will primarily occur in Sleeping Bear Dunes National Lakeshore (lower peninsula MI) and Pictured Rocks National Lakeshore (upper peninsula MI, near Munising), with limited additional work at Isle Royale National Park (an island in Lake Superior). Office base (and location returned to for days off) will be the Great Lakes I&M Network Office, Ashland, WI.

DESCRIPTION: Crew Leader will be in charge of (and GS-5 Technician will be part of) a two- to four-person team responsible for implementation of pilot work monitoring amphibians in two national parks in the western Great Lakes region. The crew will be accompanied initially and periodically during the field season by the amphibian Program Manager, but the team will often work with high levels of independence. Work will involve anuran call surveys each night after sundown at a number of stops along roads that are near to wetlands, as well as daytime searches, esp. at parks where nighttime travel is unsafe or inefficient (e.g., Isle Royale NP). In addition to recording amphibian species at each location, crew will also record data on other factors (such as air temp, water temp, moon phase) that may influence the presence or detectability of species. Additionally, the crew will investigate the effectiveness of remote call recorders, to increase effective sampling effort to detect species. Crew members will thus hike into remote locations to install, maintain, and download data from these stations. We will

also examine the utility of egg-mass surveys for daytime searches and parabolic microphones to record calls. In addition to the above, Crew Leader will also: a) be responsible for ensuring that all data are collected and recorded properly in the field, following established methods, b) ensure that logistical arrangements (e.g., vehicle condition, liaison with parks) are in place, and c) ensure that all field equipment is properly functioning (e.g., re-calibration, replacements).

SEE ANNOUNCEMENTS FOR THIS POSITION ON USAJOBS (WILL BE OPEN FOR 2 WEEKS, IN LATE JANUARY OR DURING FEBRUARY). FOR MORE INFORMATION, CONTACT: Erik Beever, (715) 682-0631 ext 31, Erik_Beever@nps.gov. See <http://www1.nature.nps.gov/im/units/glkn/index.htm> for program info.

MN Pollution Control Agency

MN PCA has a number of internship positions available for the 2007 season. Some closing dates at the end of February and some early March. Intern positions are posted on the DOER web site at: <https://statejobs.doer.state.mn.us/JobPosting>. There are several drop down boxes. Select: "Department", Pollution Control Agency; "Who May Apply?", All Applicants.

THE DEPARTMENT OF MARINE SCIENCES AT THE CHARLES DARWIN RESEARCH STATION SEEKS A SPECIALIST IN MARINE RESEARCH AND CONSERVATION

Position: Head of Marine Sciences (reference JIM-07)

The Charles Darwin Foundation for the Galapagos Islands (CDF) seeks a Head of Marine Sciences, to work at the Charles Darwin Research Station (CDRS), based on Santa Cruz Island, Galapagos. CDF is an international non-government organization, whose mission is "To provide the knowledge and support to ensure the conservation of the biodiversity in the Galapagos Archipelago through scientific research and complementary actions". All the work of CDF is carried out in close collaboration with the Galapagos National Park Service (GNPS), which is the authority responsible for managing both the Galapagos Marine Reserve (GMR) and the Galapagos National Park. CDF also collaborates with other authorities, fishermen, and tour operators in the GMR, through a participatory management system. See www.darwinfoundation.org <<http://www.darwinfoundation.org/>> for more details about the organization and its work.

How to apply:

Send: detailed letter of interest, full CV, names, positions and email (or other) addresses of three referees to: "empleo@fcdarwin.org.ec or, "the office of Charles Darwin Foundation in Ecuador, AP 17-01-3891, Quito, Ecuador; tel 02-2464824 / 2241573 or, "any office of Charles Darwin Foundation in Galapagos. Please quote reference: JIM-07 and your last name.

Questions can be sent to the Director of Science, Dr Alan Tye at: atye@fcdarwin.org.ec
Closing date for applications is 2 March 2006. We will begin the selection process on this date but will continue to accept later applications until the position is filled.

Funding opportunities

There are a number of important fellowship opportunities and deadlines coming up soon
Fellowships through the Office of International Programs. The Conservation Biology grad program will likely have several applicants for this fellowship that is due on March 9. These require a nomination letter from the DGS although we are not limited in the number of students from the program that can apply. Because this due date coincides with the Grad School's Doctoral Dissertation Fellowship deadline, I need enough time

to prepare at least 8 nomination letters (the count so far). To be a CB nominee for an OIP fellowship, I need a copy of your proposal and your advisor's letter of support (sent via email directly to me) by Friday, **February 23**. I won't be able to provide a CB nomination letter if this information isn't available to me on Feb 23.

Doctoral Dissertation Fellowships - We are nominating 5 students for this Graduate School competition this year (Anne Cooper, Kelly Paulson, Michelle Wieland, Tony Gamble, Olivia LeDee). **Your information is due to the CB office on February 16** (as per previous email).

CB Summer Fellowships - The CB program will provide summer support for at least 5 first or second year students (first year students are the higher priority). You can only receive this award once. First year students must have convened their committee and have received program approval for their degree program to be eligible; second year students must have a degree program approved by the Grad School. Also, note that if you are on a GS Fellowship, MacArthur, or other award where this support was part of your offer letter at admission, you still need to submit a proposal (and have your degree program submitted). **Due Monday March 19** (see details below).

Global and Environmental Change Graduate Fellowship- This is a new opportunity available to students in the 5 environment-related graduate programs in CFANS (note- your advisor does not need to be in CFANS-all CB students are eligible). The priority students for this fellowship are mid-program PhD Students (i.e., those who will be at the right stage to apply for a Doctoral Dissertation fellowship a year from now). **Due Date: March 1. Send me an email by Feb. 16** if you plan to apply.

Let Sue know if you have any questions- lots of great opportunities!

Graduate Fellows and Environmental Biology, an NSF-funded GK-12 Project

To: Graduate Students in Ecology, Evolution & Behavior; Entomology; Natural Resources Science & Management; Plant Biology; Fisheries, Wildlife & Conservation Biology; and Water Resources Science

From: Drs. Lesa Covington Clarkson (Curriculum and Instruction), Scott Lanyon (Bell Museum of Natural History and EEB), Karen Oberhauser (FWCB), Susan Weller (Entomology and Bell Museum); and Kevin Williams (Bell Museum)

Re: 12-month graduate fellowship opportunity (July 1, 2007 – June 30, 2008).

Join fellow Environmental Biology graduate students in this NSF-funded project! Work with K-12 teachers and UM faculty and staff engaged in K-12 activities as you translate your research expertise into a K-12 learning environment. The goal of this project is to encourage science graduate students to connect with K-12 teachers and students throughout their careers. Benefits include experience in inquiry-based pedagogy that will be effective in university teaching, working with graduate students and faculty from across the University, and helping young students become engaged in science.

Fellows will engage in summer workshops, work in Minneapolis and St. Paul Schools, and on campus activities

To apply: by February 28 fill out the on-line form at www.gk12.umn.edu and ask your advisor to fill out the recommender's form at www.gk12.umn.edu

Udall Fellowship

The Udall Foundation is currently accepting applications for the 2007 Environmental Public Policy & Conflict Resolution Dissertation Fellowship. We hope that you will forward this information to qualified Ph.D. students. The application deadline is **February 21, 2007**. 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. Previous fellows• fields of study include political science; economics; government; environmental science, policy and management; ecology; environmental justice; regional planning; geography; natural resource policy; and environmental analysis and design. Interdisciplinary projects are particularly welcome. Fellows must be U.S. citizens, U.S. nationals or U.S. permanent residents, and their dissertation research must pertain to U.S. environmental policy.

Program details, information and applications are available at <http://www.udall.gov> . If you have questions, please contact Dr. Jane Curlin at curlin@udall.gov.

Deadline: Feb. 21, 2007

Thank you for your help in recruiting outstanding Udall Fellows.

Jane Curlin, Ph.D.

curlin@udall.gov

New Funding for International Scholarly Activities

The following are new funding programs to promote a global network of scholarship and engagement and encourage interdisciplinary and transnational partnerships. The programs are administered and funded by the Office of International Programs. Guidelines and application materials:

<http://www.international.umn.edu/funding/strategic.html> Questions: Karen Brown, 612-624-0832 or kbt@umn.edu

Funding for Graduate and Professional Degree Students

- OIP Doctoral Fellowships for International Research and Writing Deadline noon on **March 9, 2007**

More information on guidelines and application forms is available at: <http://www.international.umn.edu/funding/strategic.html>

President's Student Leadership and Service Awards

Each year, this award honors the accomplishments of outstanding students and their invaluable contributions of leadership and service to the University of Minnesota, Twin Cities campus and the community. All administrators, faculty, staff, and students are encouraged to nominate current University students for this prestigious award that is given out annually to one-half percent of all University students.

Undergraduate recipients of the President's Student Leadership and Service Award may also be considered for the Donald R. Zander Award for Outstanding Student Leadership (a \$1,000 scholarship is given to two recipients) and the University of Minnesota Alumni Association Student Leadership Award (a \$500 scholarship is given to eight recipients). Graduate and professional student recipients of the President's Student Leadership and Service Award may also be considered for the Mary A. McEvoy Award for Public Engagement and Leadership (a \$1,000 scholarship is given to one graduate and one professional student).

I am looking forward to presenting all of these awards at the annual President's Awards banquet scheduled for Thursday, May 3, 2007.

Please join me in celebrating the contributions made by outstanding student leaders by nominating deserving students for the President's Student Leadership and Service Awards. The deadline for submitting applications is Wednesday, **February 14, 2007**.

For more information and to access online nomination forms, please visit the Student Activities Office website at <http://www.sao.umn.edu/Awards/> or telephone the Student Activities Office at 612-626-6919.

Please be aware that February 19th is the deadline for the following fellowships offered through the Bell Museum and Ecology, Evolution and Behavior.

<http://www.cbs.umn.edu/eeb/graduateprogram/fellowships/daytonwilkie.shtml>

The Florence Rothman Fellowship

[/eeb/graduateprogram/fellowships/daytonwilkie.shtml](http://www.cbs.umn.edu/eeb/graduateprogram/fellowships/daytonwilkie.shtml) provides support for students working with Bell Museum faculty or doing field work in EEB (deadline: February 19, 2007).

The *Huempfer Ruffed Grouse

[/eeb/graduateprogram/fellowships/daytonwilkie.shtml](http://www.cbs.umn.edu/eeb/graduateprogram/fellowships/daytonwilkie.shtml)* fund supports graduate students researching ruffed grouse and their habitat (deadline: February 19, 2007).

The *Dayton and Wilkie Natural History Funds*

[/eeb/graduateprogram/fellowships/daytonwilkie.shtml](http://www.cbs.umn.edu/eeb/graduateprogram/fellowships/daytonwilkie.shtml) is administered by the Bell Museum of Natural History. Funds can be used for laboratory supplies and equipment to support field studies that are directly related to the student thesis project (deadline: February 19, 2007).

The Frank McKinney*Fellowship

[/eeb/graduateprogram/fellowships/daytonwilkie.shtml](http://www.cbs.umn.edu/eeb/graduateprogram/fellowships/daytonwilkie.shtml) provides support for students working in Avian Behavior (deadline: February 19, 2007)

*If you have questions, feel free to contact Bob Zink (zinkx003@umn.edu).

The Consortium on Law and Values in Health, Environment & the Life Sciences

is accepting proposals for projects addressing the broad societal implications of problems in health, environment, or the life sciences. University of Minnesota graduate and professional students should apply now for stipends for research, funding for research supplies, or funding for events in Summer 2007 or academic year 2007-08. Maximum award is \$7000.

The Request for Proposals (RFP) may be found at

<http://www.lifesci.consortium.umn.edu/rfps/>

Proposals must be received by 4pm on Monday, February 19. If you have questions concerning this RFP, please contact Audrey Boyle at boyle032@umn.edu or 612.626.5624.

Graduate Fellows and Environmental Biology, an NSF-funded GK-12 Project

Join fellow Environmental Biology graduate students in this NSF-funded project! Work with K-12 teachers and UM faculty and staff engaged in K-12 activities as you translate your research expertise into a K-12 learning environment. The goal of this project is to encourage science graduate students to connect with K-12 teachers and students throughout their careers. Benefits include experience in inquiry-based pedagogy that will be effective in university teaching, working with graduate students and faculty from across the University, and helping young students become engaged in science.

Apply by February 28

- Fill out the on-line form at www.gk12.umn.edu
 - Ask your advisor to fill out the recommender's form at www.gk12.umn.edu
- Please contact Karen Oberhauser with questions or comments: oberh001@umn.edu

Torske Klubben (The Cod Club) Fellowship for Minnesota Residents

Students currently registered for credit in the University of Minnesota Graduate School who are official state-of-Minnesota residents may apply. The award is open to individuals who have an interest in or connection with Norway and/or its culture. Applicants should have a strong, mature, and clearly defined career interest in a specific field, with a sound research or study plan. Applicants must be able to demonstrate outstanding leadership skills and high academic achievement. Preference will be given to students who earned their undergraduate degrees from a Minnesota college or university, or from a college founded by or associated with Norwegian-Americans, such as Luther College in Decorah, Iowa, and Augustana College in Sioux Falls, South Dakota. A stipend of \$10,000 for the academic year. For recipients without another source of tuition support, such as an assistantship, the Graduate School Fellowship Office will provide a Tuition Scholarship for full-time study for the academic year. Torske Klubben is interested in supporting students of high academic achievement who show great promise of becoming leaders in their chosen profession and/or in the Norwegian- American community, who have a deep and abiding cultural and/or professional interest in Norway (in a historical or present-day context), and who convey a sensitivity to the future of Norway and Norway-America relationships. Need may be taken into account, all other factors being equal. Complete Fellowship description, application form, and instructions are available on the web at http://www.grad.umn.edu/fellowships/forms/tk_mn_residents.pdf or from the Graduate School Fellowship Office gsfellow@tc.umn.edu Deadline: **March 1, 2005**

National Wildlife Refuge System Centennial

Scholarship Program-Deadline: April 13, 2007

In honor of the National Wildlife Refuge System Centennial, the Walt Disney Company (<http://www.disney.com/>), the U.S. Fish and Wildlife Service <http://www.fws.gov/>, and the National Fish and Wildlife Foundation <http://www.nfwf.org/> are supporting the 2007 National Wildlife Refuge System Centennial Scholarship Program. The NWRS Centennial Scholarship Program seeks to support students whose research will contribute toward improved management and understanding of the diverse fish, wildlife, and plant resources found on National Wildlife Refuges <http://refuges.fws.gov/>. Under this competitive scholarship program, a minimum of ten one-year scholarships will be awarded to support students' research expenses, tuition, fees, books, and room and board.

Undergraduate, master's, and juris doctorate students are eligible to receive a one-time award of \$5,000; Ph.D. and D.V.M. students are eligible to receive a one-time award of \$15,000.

To be eligible, a student must be a U.S. citizen or legal resident enrolled in an accredited institution of higher education in the U.S. pursuing a graduate or undergraduate degree (sophomores and juniors in the current academic year only) in environmental science, natural resource management, biology, public policy, education, geography, political science, or related disciplines. Only those students working on a National Wildlife Refuge or whose work is directly applicable to resource management on a National Wildlife Refuge(s) are eligible. Visit the NFWF Web site for complete program details and application instructions.
