



FUNDAMENTALS

FALL 2007

INSIDE THIS ISSUE	
WOMEN'S ROLE IN CHINA	2
CENTRAL MN SBDC	2
VOYAGEURS NAT'L PARK	2
EXTERNAL GRANT OPPORTUNITIES	3
EXTERNAL GRANT OPPOR.-CONT'D	4
CANTABILE CHOIR	5
LIDAR	5
RAVEN BIOMONITORING	5
GRANTS.GOV INFO	6

FACULTY IMPROVEMENT GRANTS

SHORT TERM

Grant awards support registration fees, travel, and per diem related to non-credit workshops or training programs 1-14 days in length. They do not support attendance at annual meetings or professional conferences.

Application Deadlines:

- October 1, 2007
- February 1, 2008
- April 1, 2008

LONG TERM

Grant awards support curriculum development, writing, study (work on a dissertation, pursuit of a terminal degree, study in a current or new discipline), and travel projects. Activities must be longer than 14 days and can occur during one or both summer sessions or for up to 20 weeks when a faculty member is not otherwise working or teaching at SCSU.

RESEARCH

Research grant awards support research and other scholarly activities.

Long term and research grant awards must be spent during the next fiscal year (FY09) which will begin July 1, 2008, and end June 30, 2009.

Application Deadline:

- November 30, 2007

Applications for faculty improvement grants are located on the Office of Sponsored Programs website: <http://www.stcloudstate.edu/osp/internal/improvementgrants.asp>

UNIVERSITY RESEARCHER FUNDS-HELLERVIK AWARD

Apply for up to \$5,000 for individuals seeking external funds of \$25,000 or more for research, scholarly or creative activity. Funding is available to probationary and tenured faculty and staff. Applicants are automatically eligible for the Lowell Hellervik Research Awards. For further information and the application process, please visit our website: <http://www.stcloudstate.edu/osp/internal/researchersfunds.asp>. Application deadline: November 6, 2007

STUDENT RESEARCH FUNDS AND COLLOQUIUM

Student research funds support academic research and creative activity by SCSU undergraduate and graduate students under the direction of a SCSU faculty member. Funds are awarded up to \$1,500 per project with the average award being \$750. Approximately 20-40 awards will be made each year. Supported activities include: materials and supplies, travel to conduct research or to present at a conference, or any other reasonable need directly associated with research/creative projects. All students accepting an award agree to present their project at the Student Research Colloquium on April 22, 2008. Student research funds information/application materials can be found at: <http://www.stcloudstate.edu/src/>. Application deadlines: October 1, 2007 and February 1, 2008.

Have student activities you'd like to be a part of the poster displays or student paper/presentations? Best poster wins \$500 with three runners-up at \$250 each. If you want to become involved with the Student Research Colloquium, please contact Linda at 308-5148.

IRB NEWS	
Upcoming IRB Meetings and deadlines for submission.	
Fall 2007:	
<u>Meeting</u>	<u>Deadline</u>
9/24/07	9/10/07
10/22/07	10/08/07
11/19/07	11/05/07
12/17/07	12/03/07

WOMEN'S ROLE IN POST-SOCIALIST ERA URBAN CHINA



Jiping Zuo, Professor of Sociology, received a two-year National Science Foundation grant amounting to almost \$140,000. The grant funded her ethnographic study, in collaboration with the Women's Studies Institute of China, of women's roles in the post-socialist era in urban China. The goal was to examine the changing state-society relations through a gender lens, as China is currently undergoing a market reform. As of summer 2007, Prof. Zuo and her associate have interviewed over 130 married women from all walks of life, some of the women's husbands, coworkers, as well as their supervisors. The interviews mainly took place in three large cities from different regions- Beijing, Shanghai and Lanzhou. Their preliminary findings show that while the reform strategies of decentralization, privatization and open-door policies aim at providing individuals with incentives and opportunities to improve

their livelihood through competition, the reform processes are often fraught with paradoxes. This produces mixed, and sometimes denigrating results from workers. Prof. Zuo included some of her findings in her upper-division seminar (China & Globalization) in the Spring Semester 2007. She also delivered more findings at the SCSU programs Women on Wednesday, Women's History Month and the China Symposium on March 28, 2007. Prof. Zuo's research has also prompted her to co-organize a special session with Dongxia Liu from Texas A&M titled Work-Family Relations in State-Socialist Societies: Past and Present, at the 2008 American Sociological Association Meeting.

CENTRAL MN SMALL BUSINESS DEVELOPMENT CENTER

The Central Minnesota Small Business Development Center (SBDC) is located at the Minnesota Center for Business Development, 616 Roosevelt Road, St. Cloud, MN. For over two decades, the Central Minnesota Small Business Development Center has enjoyed a strong partnership with St. Cloud State University, especially the G.R. Herberger College of Business. Along with the support of the university, the SBDC receives grants from other state and federal agencies. The combined funding enables the center to provide valuable services to Central Minnesota's small businesses at no charge. The SBDC offers one-on-one business management counseling to existing and prospective small business owners and managers; training on business topics; loan packaging, and access to business information. Last year, the SBDC worked with over 300 small business clients from Central Minnesota, providing over 3,000 hours of business consulting. The SBDC's consulting



CENTRAL MN SBDC

resulted in close to \$6 million of bank financing activity, which supports business start ups and expansions. The Central Minnesota Small Business Development Center looks forward to enjoying its partnership with St. Cloud State University for many years to come.

VOYAGEURS NATIONAL PARK RESEARCH OUTING



Associate Professor Matt Julius, Biological Sciences, along with six students, have been partaking in a research outing at Voyageurs National Park, which is located on the northern border of Minnesota. The outing is funded by the U.S. Department of the Interior-National Park Service with matching funds from SCSU. The hope of this five-year partnership, which began during last summer intersession, is to continue the current research on what impact, if any, houseboat grey water discharge has on water in the protected park. In addition to last year's research, Professor Julius has started a project to develop a risk assessment for the park concerning toxic blue-green algae. The students participating in this summer intersession course are not just acquiring three more credits to add to their academic records, but are also gaining valuable hands-on field research, as well as the ability to network and cooperate with members of the National Park Service, U.S. Geological Survey and the Minnesota Pollution Control Agency. It is expected that SCSU will be able to bring SCSU's water quality research expertise to the water-based park, in hopes of learning more and to continue working with the emerging aquatic resource problems in the park.

STUDENTS WORKING AT VOYAGEURS

It is expected that SCSU will be able to bring SCSU's water quality research expertise to the water-based park, in hopes of learning more and to continue working with the emerging aquatic resource problems in the park.

EXTERNAL GRANT OPPORTUNITIES

Sign-up for automatic Federal Grant Notifications at <http://www.infoed.org/home/officemenu.asp>. Click GENIUS SMARTS from the list and then click Create New Profile. Follow the step-by-step process of completing your profile. Once your profile is setup, you will begin receiving personalized emails from InfoEd identifying federal granting opportunities that fall within your personalized profile criteria. You are also welcome to update your profile as needed through this process.

Otto Bremer Foundation

In accordance with the principles set forth by Otto Bremer in his trust agreement, the mission of the Otto Bremer Foundation is to assist people in achieving full economic, civic and social participation in and for the betterment of their communities. Beneficiaries must reside in the states of Minnesota, Wisconsin, North Dakota or Montana, with preference given to those in regions served by Bremer banks.

Deadline: No Deadlines; Letters of Inquiry accepted but not required; contact for more information

Program guidelines available at <http://www.ottobremer.org.php>

National Science Foundation

Social Psychology Program

The Social Psychology Program at NSF supports basic research on human social behavior, including cultural differences and development over the life span. Among the many research topics supported are: attitude formation and change, social cognition, personality processes, interpersonal relations and group relations, the self, emotion, social comparison and influence, and the psycho physiological and neurophysiologic bases of social behavior.

Deadline: January 15, 2008

Program guidelines available at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5712

Perception, Action and Cognition

NSF supports research on perception, action and cognition including the development of these capacities. Emphasis is on research strongly grounded in theory. Research topics include vision, audition, haptics, attention, memory, reasoning, written and spoken discourse, motor control, and developmental issues in all topic areas. The program encompasses a wide range of theoretical perspectives, such as symbolic computation, connectionism, ecological, nonlinear dynamics, and complex systems, and a variety of methodologies including both experimental studies and modeling. Research involving acquired or developmental deficits is appropriate if the results speak to the basic issues of perception, action, and cognition.

Deadline: January 15, 2008

Program guidelines available at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5686

Aeronomy

The Aeronomy program supports research on upper and middle atmosphere phenomena of ionization, recombination, chemical reaction, photo emission, and transport; the transport of energy, and momentum. This program also supports research into mass in the mesosphere-thermosphere-ionosphere system including the processes involved and the coupling of this global system to the stratosphere below and magnetosphere above and the plasma physics of phenomena manifested in the coupled ionosphere-magnetosphere system, including the effects of high-power radio wave modification.

Deadline: No Deadlines; PIs are requested to send proposals early in the fiscal year.

Program guidelines available at http://nsf.gov/funding/pgm_summ.jsp?pims_id=11686

All National Science Foundation grant opportunities can be found at <http://www.nsf.gov/>

3M Community Giving for Higher Education

3M invests primarily in technical, engineering and business schools, and efforts that further teaching and learning. Their grants make learning different for students- different in the sense they are engaged because of new facilities, curriculum or programs. Their goal is to help students prepare for future opportunities in an ever-changing world. 3M gives to higher education in order to advance teaching and learning in science, engineering and business, to increase participation by underrepresented people in these fields, to encourage innovation and establish a link through professional development for teachers.

Deadline: No Deadlines; Letters of Inquiry accepted but not required; contact for more information

Program guidelines available at http://solutions.3m.com/wps/portal/3M/en_US/CommunityAffairs/CommunityGiving/US/Apply/cashdonat/technontenured

EXTERNAL GRANT OPPORTUNITIES—CONT'D FROM PAGE 3***National Endowment for Humanities*****Collaborative Research Grants**

Collaborative Research Grants support: original research undertaken by a team of two or more scholars; or research coordinated by an individual scholar that, because of its scope or complexity, requires additional staff and resources beyond the individual's salary. Eligible projects include: research that significantly adds to the knowledge and understanding in humanities, conferences on topics of major importance in the humanities that will benefit ongoing research, archaeology projects that interpret and communicate the results of archaeological fieldwork; projects may encompass excavation, materials analysis, laboratory work, field reports, and preparation of interpretive monographs, translations into English of works that provide insight into history, literature, philosophy, and artistic achievements of other cultures, and research that uses the knowledge, methods, and perspectives of the humanities to enhance understanding of science, technology and medicine. These grants support full-time or part-time activities for periods of one to three years. All grantees are expected to communicate the results of their work to the appropriate scholarly and public audiences.

Submission Date: November 1, 2007

Program guidelines can be found at: <http://www.neh.gov/grants/guidelines/collaborative.html>

CSREES (Department of Agriculture)**National Research Initiative Competitive Grants Program**

The purpose of the NRI Program is to support research, extension, and education grants that address key problems of national, regional, and multistate importance in sustaining all components of agriculture (farming, ranching, forestry including urban and agroforestry, aquaculture, rural communities, human nutrition, processing, etc.). Providing this support requires that NRI advance fundamental sciences in support of agriculture and coordinate opportunities to build on these discoveries. Building on these discoveries will necessitate new efforts in education and extension that deliver science-based knowledge to people, allowing them to make informed practical decisions. In FY2007, the NRI Program will accept applications for fundamental research, mission-linked research, and integrated research, extension, and education projects. Application due dates vary by program. See the list of due dates at the end of the FY2007 NRI Request for Applications.

Submission Date: Check the Request for Application for specific dates depending on your program.

(http://www.csrees.usda.gov/funding/rfas/nri_rfa.html).

Program guidelines can be found at: <http://www.grants.gov/search/search.do?oppld=10950&mode=VIEW>

National Institutes of Health**Social and Cultural Dimensions of Health (R01)**

The ultimate goal of this program announcement is to encourage the development of health research that integrates knowledge from the biomedical and social sciences. This announcement invites applications to (a) elucidate basic social and cultural constructs and processes used in health research (b) clarify social and cultural factors in the etiology and consequences of health and illness (c) link basic research to practice for improving prevention, treatment, health services, and dissemination, and (d) explore ethical issues in social and cultural research related to health.

Submission Date(s): February 5, 2008; June 5, 2008; October 5, 2008

Program guidelines available at: <http://grants.nih.gov/grants/guide/pa-files/PA-07-045.html>

Translational Research in Eating Disorders (R01)

NIH is committed to supporting research that will transform basic research discoveries into treatments, or methods for prevention. This funding opportunity seeks to foster the development of translational research studies that will increase our scientific understanding of the etiology and pathogenesis of eating disorders. NIMH would like to encourage research grant applications that will advance our understanding of the etiology, early identification, best treatment, and medical sequelae of eating disorders. The precise etiology of eating disorders remains unknown, but ongoing research implicates genetic, neurochemical, psychological and cultural factors. This funding opportunity is designed to encourage innovative and multi-disciplinary approaches to address the dearth of research in this area.

Submission Date(s): February 5, 2008; June 5, 2008; October 5, 2008

Program guidelines available at: <http://grants.nih.gov/grants/guide/pa-files/PA-07-285.html>

All National Institutes of Health grant opportunities can be found at <http://grants1.nih.gov/>.

CANTABILE: AN SCSU COMMUNITY EXTENSION WORTH SINGING ABOUT



CANTABILE CHOIR

Every Monday evening, it's time for Cantabile, a girls' choir program sponsored by the SCSU Music Department's Preparatory Program. Created in 1996, the choir has flourished in its twelve years. Founding director Jane Oxtan has been at the helm from the beginning, guiding the program that began as a single choir for middle school girls. Demand required a second choir to be added for younger girls and in 2000 the Choristers was formed. Mary Jo Bot, who also conducts the SCSU Women's Choir and serves as the director of the Music Department's Prep Program, has been directing the Choristers from its inception. Cantabile and Choristers rehearse weekly on campus and perform regularly in the community, often collaborating with other area music groups. This year, the choir will perform with the MN Center Chorale in October, the Great River Chorale in December, and with university choirs and orchestras from SCSU, CSB and SJU in April for a very special performance of Stephen Paulus' *To Be Certain of*

the Dawn. Cantabile also sponsors an annual children's choir festival, bringing other youth choirs to campus each February. This year the choir is honored to have secured renowned conductor Sigrid Johnson, an SCSU alum, as the festival clinician. Each May for the past six years, Cantabile has collaborated with the SCSU Women's Choir and music faculty to produce a powerful community concert, *Her Song-Her Story*. Besides being a model of community outreach, the choir program provides an important laboratory setting where SCSU music education majors have the opportunity to gain valuable experience working first hand with young singers. For more information on the

LIDAR MAPPING FOR CROW WING, CAMP RIPLEY AND MNDOT

Richard Rothaus and Marco Restani, with the help of Merrick, Crow Wing County and the Minnesota National Guard at Camp Ripley, have teamed together to provide LiDAR data, 2-foot contours, a DEM, and digital orthophotography to the Crow Wing County area. As one of the fastest growing counties in Minnesota, Crow Wing will be able to realize significant cost reductions and efficiencies by utilizing the LiDAR data gathered. Camp Ripley will use the data to focus on environmental sustainability and improvement, as well as using the data to map vegetation coverage and model critical habitat for birds and other wildlife, ensuring that the habitats are not inadvertently fragmented. In addition, the Rum River wetlands boundaries will be mapped and used



LIDAR PLANE TAKING OFF

with hydrology data for a study conducted by SCSU in conjunction with the Mille Lacs Band of Ojibwe, aimed at assessing the feasibility of restoring the wild rice habitat which has suffered greatly in recent years. By sharing costs, personnel and project data, each agency is able to perform valuable work that would not have been possible if they only relied on their own independent budgets.

RAVEN BIOMONITORING PROJECT



**FLEDGED
RAVEN
PHOTO BY
MORGAN
DAVIES**

The Center of Excellence for Hazardous Materials Management (CEHMM) has established a Biomonitoring Project in the desert southwest using the Chihuahuan Raven as the sentinel species. Principal investigator Marco Restani's, with assistants Gregg Doney and Morgan Davies, principal objective of the study is to collect baseline data on the prevalence of Avian Influenza Virus, West Nile Virus, and environmental contaminants in raven populations. Restani and colleagues are taking blood, saliva and cloacal samples from the ravens because birds are particularly valuable indicators of environmental contamination. The project is intended to establish baseline information in the area of southern New Mexico, West Texas, and the U.S.-Mexico border regions of New Mexico and Texas. The Chihuahuan Raven is the target species for the biomonitoring program, because it feeds on a large ecological range of environmentally sensitive prey, from insects to small mammals to other birds. Ravens are also abundant in the region with easily locatable nests. Funding for this multi-year project was provided by CEHMM, with 2007's grant total amounting to \$120,000. Besides SCSU, project cooperators and collaborators include the Los Alamos National Laboratory, the New Mexico Department of Health, and the New Mexico Department of Agriculture's Veterinary Sciences Division.

We are on the web!!

<http://www.stcloudstate.edu/osp/>

Richard Rothaus, Assistant Vice President for Research

Jodi Kuznia, Grants Director 308-5176

Linda Donnay, Grants Director 308-5148

Kim Johnson, Office Manager 308-4932

Drew Daak, Graduate Assistant 308-4793

**OFFICE OF SPONSORED PROGRAMS
ST. CLOUD STATE UNIVERSITY**

Administrative Services 210

720 4th Avenue South

St. Cloud, MN 56301-4498

Phone: 320-308-4932

Fax: 320-308-5292

E-mail: osp@stcloudstate.edu



EMAIL SUBSCRIPTION

Sign up now and receive notifications of new grant postings delivered right to your email inbox! You do not need to be a registered user of Grants.gov to sign up for this service and you can add to your email subscriptions or unsubscribe at any time. You can choose to receive notices from the following options:

All Grant Notices- Receive daily notification of all new grant opportunities

Notices Based on Advanced Criteria- Select notifications based on specific criteria such as funding instrument type, eligibility or sub-agency

Notices Based on Funding Opportunity Number- Select notifications based on the Funding Opportunity Number (FON). A FON is a number that a Federal agency assigns to its grant announcement.

Unsubscribe from Grant Notices- You can unsubscribe at any time! To remove one or more subscriptions, first unsubscribe from all of your current subscriptions, then re-subscribe to the subscriptions you want to keep.

Student Research Colloquium

April 22, 2008

Be a part of the upcoming Student Research Colloquium (SRC) by sponsoring an undergraduate or graduate student research project. Students receive valuable experience competing in a professional research colloquium. A poster competition includes monetary awards as well as passport prizes for students who attend the most paper or presentation sessions. Encourage your students to either participate as a presenter or to attend the SRC for extra credit. The Committee welcomes your feedback; send to lidonnay@stcloudstate.edu or 308-5148.

Interested in having your research project highlighted in an upcoming newsletter? If so, please contact the Office of Sponsored Programs.