

FUNDAMENTALS

SPRING 2012

Internal Grant Opportunities

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IRB News

Upcoming meetings and deadlines for full review submissions

Spring 2012

Meeting	Deadline
01/23/12	01/09/12
02/27/12	02/13/12
03/19/12	03/05/12
04/23/12	04/09/12

Faculty Improvement Grant: Short-Term

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. Maximum award applicable per application is \$3,000. Application for this faculty improvement grant is available on the website at:

www.stcloudstate.edu/osp/internal/short-termgrants

Application Deadline: March 15, 2012

New Researcher Awards

Up to \$4,000 will be granted to probationary faculty and staff in their first five (5) years of service to SCSU for research and scholarly activity. Funds should be used to move the applicant towards the peer-reviewed dissemination of their work or in the submission of a proposal for external funding. Awarded funds must be used exclusively for the work outlined in the application's proposal narrative and may include supplies, equipment, travel or student help. A \$2,000 honorarium plus \$740 (37%) fringe can be included. Interdisciplinary projects with multiple principle investigators may include an additional stipend (salary + fringe 37%) for each co-investigator. Requested stipends must coincide with proposed project activities. Maximum award for interdisciplinary projects is \$9,000. The honorarium will be released upon submission of the final report which clearly demonstrates the work has moved the applicant towards the peer-reviewed dissemination of their work or in the submission of a proposal for external funding. Final reports are due by August 31, 2012. Maximum of one award every two years per principle investigator.

www.stcloudstate.edu/osp/internal/newResearcherFunds

Application deadline: February 21, 2012

University Researcher Awards

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. The purpose of the University Researcher Funds is to provide a multi-faceted support system to help individuals develop and hone the skills needed to be successful in seeking at least mid-level funding from external sources. Interdisciplinary projects with multiple principle investigators may include an additional stipend (salary + fringe 37%) for each co-investigator. Requested stipends must coincide with proposed project activities. Maximum award for interdisciplinary projects is \$10,000. All funds should be spent in the fiscal year awarded. The following criteria will be used for evaluating applications: feasibility and sustainability of the project, potential for extramural funding, integration of faculty/student research and potential to advance knowledge. Applicants can receive only one University Researcher or New Researcher Award any given fiscal year.

www.stcloudstate.edu/osp/internal/researchersfunds

Application deadlines: January 31 and March 30, 2012

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 \$550. Approximately 50-60 awards will be made each year. Supporting 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 17, 2012.

www.stcloudstate.edu/src/funding

Application deadline: January 31, 2012



Knife Lake Archaeological Research

By: Mark Muñiz



Mark Muñiz, reaches for an artifact August 21, 2011, during a stop on a walking survey near Knife Lake in the Boundary Waters Canoe Area Wilderness.

Paleo-Indians first inhabited far northern Minnesota as glaciers receded 11,000-12,500 years ago. That would run contrary to the belief that the area had not yet recovered enough to support plants and animals after being scoured by glaciers. It would also be contrary to the thought that the first people to live in the Arrowhead region arrived hundreds, if not thousands, of years after Paleo-Indians appeared in the southern part of the state.

High-tech dating techniques will narrow the time period in which the artifacts were made, but the style of tool making he's found leads Muñiz to believe the prehistory of Minnesota will be rewritten to put inhabitants on the United States-Canada border far earlier than previously believed.

Muñiz returned to Knife Lake in 2010, and the summer of 2011 he and two graduate students, Tyler Olsen and Jennifer Rovanpera, went back along with Lee Johnson, a Buffalo native and Superior National Forest archaeologist. They excavated a site previously surveyed and took another walking tour of a site discovered on a previous trip. They also took a fresh look at a new site that yielded even more promising results.

Muñiz used a GPS device to mark the locations of artifacts found.



Tyler Olsen (left) and Jennifer Rovanpera excavate the site in quadrants, taking careful notes and measurements along the way.



Mark Muñiz highlights the chipped edge of a flake. Chipped edges result from use as a tool.

There were siltstone chunks that had been

flintknapped on one side (unifaces) and on both sides (bifaces). The group found cores that likely would be shaped there or transported elsewhere and be shaped later. They also found layers and layers of siltstone flakes, the telltale sign that humans had used flintknapping to shape the razor-sharp stone into spear points, scrapers and blades.

Part of the \$56,000 Legacy Amendment grant that helped pay for the 2010 trip also bought a high-powered microscope that he uses to analyze how the artifacts were used. The microscope can tell if the stone cut grass, scraped hide or chopped wood, for example, he said. Soil samples also will help Muñiz close some of the gaps in his research and bring him closer to presenting his conclusions for peer review, an important step in gaining broader acceptance for his theory and his conclusions.

Within three years, it could be so dense that Muñiz can't get to the spots he wants to explore. The artifacts he is finding once again will be locked in place. And that's the way it should be, Johnson said.

Development of Online-ready Learning Object Modules

By: Dennis Guster

The project was designed to develop a set of 15-hour online-ready learning object modules in Information Assurance that combines online lectures and online labs. The participants agreed the content developed for this project would be made available throughout Minnesota State Colleges and Universities institutions for their own use or adaptation as needed.

It was expected the three 15-hour modules could be packaged together to provide a three-credit semester-long class in information assurance. Specifically, the St. Cloud State portion of this grant, which was developed by Dennis Guster and Renat Sultanov, dealt with quantum encryption and centralized logging.

Quantum encryption applies quantum physics principles to encapsulating data as it travels across a network and typically can be more robust than classical methods and, furthermore, one can tell if the data stream was tampered with which is not possible with classical methods. Because Dr. Sultanov is a nuclear physicist, his background in quantum physics has been invaluable in devising the basic curriculum in this area.

The centralized logging portion is also quite timely because most computing is done on an enterprise level using architectures such as a cloud. Centralized logging allows all the log data from all the hosts in the computing enterprise to store copies of their log information in a centralized MySQL data base which makes log analysis more timely and effective.

These log files are typically used to diagnose hacker attack patterns and devise a course of action to minimize the effect of future attacks. The courseware has been developed and is in the process of being beta tested and assessment data is currently being collected and evaluated.

Automotive Parts Headquarters Training Project

By: Tammy Anhalt-Warner

St. Cloud State University's Center for Continuing Studies has partnered with Automotive Parts Headquarters to obtain a two-year \$190,000 Minnesota Jobs Skills Partnership grant. The Minnesota agency encourages businesses and educational institutions to work strategically to train or retrain workers, expand work opportunities and keep high-quality jobs in the state. The Minnesota Job Skills Partnership grant was submitted by Tammy Anhalt-Warner and Kristen Carlson was hired to coordinate the grant activities.



Employees from Store 7, a local St. Cloud store

The training grant funds are used to offset training-related expenses incurred by Automotive Parts Headquarters to meet current and future workforce needs. Headquartered in St. Cloud, the company has 73 corporate owned stores, 600 Minnesota employees and supplies cash and in-kind contributions to match grant funds.

The funding will provide three training components to transition the company to remain competitive with larger chains. The company is upgrading its information management system to an advanced point-of-sale system. Online computer based

tutorials developed by St. Cloud State will be provided to 376 employees at specified store locations. In June 2011, the university collaborated with the St. Cloud Technical and Community College for the delivery of a Train-the-Trainer program targeted for key personnel. In addition, the university customized a comprehensive Sales Training program which was delivered in fall 2011 at regional locations in St. Cloud, New Ulm, Bemidji and Duluth to outside sales staff and other key employees.

Work Environment and Job Opportunities for People with Disabilities

By: Kathy Johnson

The primary goal of this project is to promote cross-national awareness and understanding of the significant contributions people with disabilities make to work environments. Students participating in this program will engage in multicultural activities to gain knowledge and awareness about the social consideration and technological solutions which raise employment opportunities for people with disabilities. College graduates transitioning to their initial job will have increased knowledge about issues related to corporate social responsibility, sustainable development, global citizenship and social justice.

This program is also designed to support the United States-Brazil Joint Action Plan Policy Goals such as: 1. Increase the number of primary school teachers trained in multicultural education and teaching strategies and 2. Increase employment for Afro-descendant and other racially discriminated groups in professional careers. Students majoring in education will expand and extend learning from courses emphasizing multicultural issues through this cross-cultural exchange. Afro-descendants from the United States or Brazil will be encouraged to participate and will have opportunities to explore issues related to the African Diaspora in each country.

After a year of planning, the first student to participate in the program, Eric Peterson, began his adventure in July 2011. Eric is currently participating in classes and getting to know students and faculty from Salvador. Eric reports he is doing well with the development of his Portuguese language skills, after a few frustrating weeks of not fully understanding lectures and assignments. He has a blog about his experiences during the first few months at: <http://redesocial.unifreire.org/peer0506/eric-em-brasil>.

When asked about his experience thus far, Eric shared the following: If I were to not have the international education I have already pursued (and am currently undertaking), I would not be able to consider myself prepared for the current job market. Furthermore, learning about global issues outside of my home country (thus removing stereotypes that my culture of origin has imposed) has allowed for me to become a more open minded, critical and cultural human being that will return back to the United States with a more solid focus on what is democratic citizenship and how to participate within it.

During spring semester 2012, St. Cloud State students Sonni Sellner, Elizabeth Larson and Samantha Zarske will be traveling to Brazil. Sonni recently had an opportunity to share her appreciation for the award to support her study abroad to Brazil with Andre Lewis, Assistant Deputy Secretary of International and Foreign Language Education at the United States Department of Education. Mr. Lewis came to St. Cloud State to share a presentation during the 2011 International Education Week.



Sonni Sellner (right) with Mr. Andre Lewis from the U.S. Department of Education

Securing A Data License For Research

By: Lynn MacDonald & Ken Rebeck

Lynn MacDonald and Ken Rebeck, faculty members from the School of Public Affairs, were successful in entering into a data license agreement with the National Center for Education Statistics. In collaboration with St. Cloud State University's Center for Information Systems and Facilities Management, Lynn and Ken were granted access to multiple restricted-use data sets from the Institute of Education Sciences to pursue their research interests.

Lynn's research examines the link between child support payments and compliance on children's early educational outcomes. Ken's study examines enrollment trends in high school economics courses in the United States and relates these trends to efforts of increasing state standards, testing and graduation requirements for economics.



National Science Foundation (NSF) Update.

On November 19, 2011, MyNSF was replaced with a new email alert service called "National Science Foundation Update." National Science Foundation Update includes subscription options for all of the document types that were available in MyNSF and also allows you to subscribe to new content categories, such as Images and Videos, Events and Upcoming Due Dates for Funding Opportunities.

Get **Automatic Email Alerts** from NSF

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2. Sign up with your email and choose a password for your account.
3. Select the topics and grants you want email notifications on and submit your application.



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A wealth of information is also available from the Philanthropy News Digest which publishes RFPs and notices of awards for grant-making organizations and nonprofits. There is a wealth of information available at <http://foundationcenter.org/pnd/rfp/>.



GENIUS/SMARTS/SPIN

This is a comprehensive database that can be used for notification of funding opportunities and/or funding searches, which are national programs coordinated by InfoEd, Inc. St. Cloud State University funds a membership so it's free for university faculty and staff.

GENIUS is a database of university faculty expertise to which you can add your own personal profile. With capability to search by universities, local government, and businesses, this is a great tool to search for collaborators in your field or for advertising your own interests and expertise. http://www.infoed.org/genius_live/login.asp

SMARTS is an e-mail search and alert system that automatically e-mails you relevant funding opportunities as they are published. You first create a personal profile describing your research interests and expertise. This profile is then automatically run daily against the comprehensive SPIN (Sponsored Programs Information Network) database of federal and foundation funding opportunities. "Hits" to the database, in the form of detailed descriptions of funding programs that match your profile, are automatically e-mailed to you for review.

New to GENIUS SMARTS, **Sign-up** for **FREE** automatic Federal Grant Notifications!

Directions:

1. Visit www.infoed.org/home/officemenu.asp
2. Click GENIUS SMARTS from the list and then click Create New Profile.
3. Follow the step-by-step process of completing your profile.

Once your profile is setup, you will begin receiving personalized emails from InfoEd identifying opportunities that are within your personalized profile criteria. Update your profile as needed.

EXTERNAL GRANT OPPORTUNITIES FOUNDATIONS

Otto Bremer Foundation

The Otto Bremer Foundation strives to build healthy vibrant communities: communities where basic needs are met, mutual regard is prized and opportunity for economic, civic and social participation are within everyone's reach. By civic participation, the foundation means that the community is a place where people are informed about and engaged in the issues that affect their community, a place where people work together to forge community visions, solve community problems and build on community opportunities. Community building in the vision of the foundation is broadly shared.

The Otto Bremer Foundation is open to a variety of requests while giving highest priority to opportunities with the potential to move a community forward in meaningful, powerful and broad-based ways. This broadness of vision is intentional in order to encourage innovative responses to community opportunities and challenges.

Grants are made only to organizations whose beneficiaries are residents of Minnesota, North Dakota or Wisconsin, with priority to communities that are homes and neighbors to Bremer banks. For more information please visit: www.ottobremer.org/mission.php

Application Deadlines: June 1, 2012, and November 30, 2012 for consideration on September 27, 2012, and March 21, 2013, respectively.

Wells Fargo Foundation

Wells Fargo is proud to support organizations that work to strengthen our communities. The foundation looks for projects that keep communities strong, diverse and vibrant. Because of this local community model, Wells Fargo does not fund statewide projects. Organizations are encouraged to contact their local Wells Fargo store about its neighborhood community involvement priorities.

In addition to programs which offer financial support, Wells Fargo has built an internal culture of giving back to communities through promotion of volunteerism among team members. Through the volunteer efforts of enthusiastic team members and their contributions, the foundation shares success with the communities in which employees live and work. For more information please visit: www.wellsfargo.com/about/charitable/mn_guidelines

Application Deadline: Online application accepted anytime.

mngantmakers

For more information on these foundations as well as other Minnesota foundations visit www.stcloudstate.edu/osp/external/search.asp. The Office of Sponsored Programs subscribe to multiple grantmaker and RFP databases. By using the resources, you can familiarize yourself with foundations throughout the state. These resources provide valuable information such as foundation mission, funding priorities, funding history, funding deadlines and much more!

Grant Resource Center

GRC GrantSearch is a comprehensive resource tool that was developed to not only make finding federal and private foundation grant information accessible, but to find additional academic oriented activities. GRC allows the user to search the funding opportunity database using five criteria: academic subject, activity, funding sponsor, deadline month and text. Please contact our office for more information.

FEDERAL GRANT OPPORTUNITIES

All grant opportunities are posted in detail on www.Grants.gov. Select **Find Grant Opportunities - Basic Search**, enter the grant **Funding Opportunity Number** provided below each funding opportunity, click **Search** and click on the funding opportunity title. Postings provide eligibility information, objectives and deadlines.

For more information contact osp@stcloudstate.edu.



NIH Summer Research Experience Programs

The purpose of the NIH Summer Research Experience Program (referred to as the Summer Research Program) is to provide a high quality research experience for high school and college students and for science teachers during the summer academic break. The NIH expects such programs will: help attract young students to careers in science; provide opportunities for college students to gain valuable research experience to help prepare them for graduate school; and enhance the skills of science teachers and enable them to more effectively communicate the nature of the scientific process to their students. Summer Research Programs that expand and complement existing summer educational and training programs are encouraged.

Application Deadline: September 6, 2012

Funding Opportunity Number: [11-050](#)



Faculty Early Career Development (CAREER) Program

The Faculty Early Career Development (CAREER) Program is a Foundation-wide activity that offers the National Science Foundation's most prestigious awards in support of junior faculty who exemplify the role of teacher-scholars through outstanding research, excellent education and the integration of education and research within the context of the mission of their organizations. Such activities should build a firm foundation for a lifetime of leadership in integrating education and research. NSF encourages submission of CAREER proposals from junior faculty members at all CAREER-eligible organizations and especially encourages women, members of underrepresented minority groups, and persons with disabilities to apply.

Application Deadline: July 23, 2012

Funding Opportunity Number: [11-690](#)



Developmental and Learning Sciences

Developmental and Learning Sciences supports fundamental research that increases our understanding of cognitive, linguistic, social, cultural and biological processes related to children's and adolescents' development and learning. Research supported by this program will add to our basic knowledge of how people learn and the underlying developmental processes that support learning, with the objective of leading to better educated children and adolescents who grow up to take productive roles as workers and as citizens.

Application Deadline: July 15, 2012

Funding Opportunity Number: [08-1698](#)



Geography and Spatial Sciences

The Geography and Spatial Sciences Program sponsors research on the geographic distributions and interactions of human, physical and biotic systems on the Earth's surface. Investigations are encouraged into the nature, causes and consequences of human activity and natural environmental processes across a range of scales. Projects on a variety of topics (both domestic and international) qualify for support if they offer promise of contributing to scholarship by enhancing geographical knowledge, concepts, theories, methods and their application to societal problems and concerns. Geography and Spatial Sciences encourages projects that explicitly integrate undergraduate and graduate education into the overall research agenda.

Application Deadline: August 15, 2012

Funding Opportunity Number: [98-1352](#)

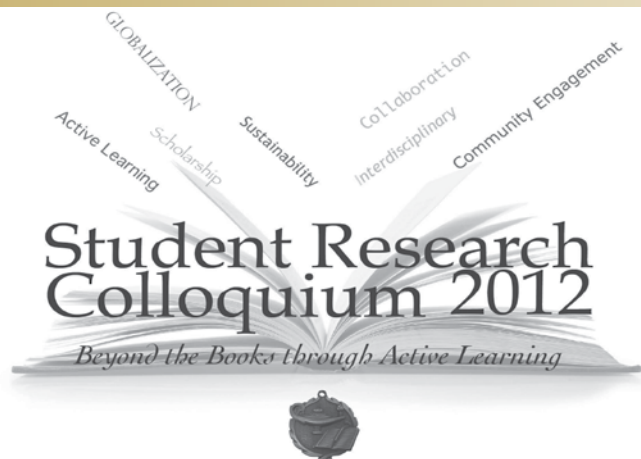


Small Research Grant to Improve Health Care Quality through Health Information Technology (IT)

The purpose of this Funding Opportunity Announcement is to support a wide variety of research designs in order to improve the quality, safety, effectiveness and efficiency of health care through the implementation and use of health IT. These designs include: small pilot and feasibility or self-contained health IT research projects; secondary data analysis of health IT research; and economic (prospective or retrospective) analyses of health IT implementation and use. Through economic analyses estimates of health IT implementation and use, costs and benefits will be generated.

Application Deadline(s): February 16, 2012, June 16, 2012, October 16, 2012

Funding Opportunity Number: [08-268](#)



Atwood Memorial Center

Tuesday, April 17, 2012

8:00 a.m. - 8:00 p.m.

www.stcloudstate.edu/src

Encourage students to participate and/or support their peers by attending sessions. Give students incentives if you can!

Deadlines:

Intent to Present: February 15, 2012

Abstract: March 1, 2012

Opt-In to Cash Prizes Competition Form: March 1, 2012
See website for competition details

Formal Papers for the Competition: March 1, 2012
See website for requirements and judging criteria

WORKSHOPS:

- 12:30-1:30pm Marketing Your Student Research to Future Employers (employers will be present)
- 12:30-1:30pm Graduate School Mystery Revealed
- 12:30-1:30pm Fulbright Grants For Students
- 12:30-1:30pm Music Research and Performance (Ruth Gant Recital Hall)

POSTER PRINTING

Posters for the Student Research Colloquium are eligible for a \$40 credit towards the cost of poster printing through Copies Plus in Atwood. Starting March 12 through April 10, 2012, the credit will be applied on a first-come first-serve basis to the first 25 posters. The credit can only be applied toward the cost of poster printing. Limit of one \$40 credit per poster.

Office of Sponsored Programs

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RESEARCH CAN BE PRESENTED AS PAPERS, POSTERS OR PERFORMANCES/ CREATIVE WORKS:

PAPERS are oral presentations limited to 15-20 minutes, including time for questions. Presentations may include panel discussions.

- Facilitates one-to-many interaction
- If you register for the competition: Best paper presentation award \$300; up to six honorable mention awards \$150 each.
- Formal papers for the competition are due March 1, 2012, to Sponsored Programs AS210. Training sessions (registration required):

February 24, 2012 1:00-2:00pm SH306

February 28, 2012 12:30-1:30pm SH306

- Paper presentation training sessions (registration required):

April 10, 2012 12:30-1:30pm SH306

POSTERS will have a 4' X 8' supporting board for display of materials. Students must bring their own supplies for hanging the poster.

- Encourages one-to-one interaction
- If you register for the competition: Best poster presentation award \$300; up to six honorable mention awards \$150 each.
- Training sessions held (registration required):

April 3, 2012 12:30-1:30pm SH306

April 6, 2012 3:00-4:00pm SH306

PERFORMANCE AND CREATIVE WORKS should be similar to the activities expected at a professional fine arts conference or festival. Presentations are limited to 40 minutes, which includes time for discussion.

- Facilitates one-to-many interaction
- For workshop registration visit: huskynet.stcloudstate.edu/help/training

PASSPORT INFORMATION (students only)

- Receive a passport at the registration table
- Receive a stamp at each presentation you attend
- Present your fully-stamped passport at the registration table prior to the evening awards ceremony to be eligible for St. Cloud State memorabilia to be given away.

**OFFICE OF SPONSORED PROGRAMS
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