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Special Notes

Study Abroad Fair 2012

SIU's Center for International Education will host the annual Study Abroad Fair on Wednesday, Sept. 19, from 11 am to 2 pm, in the Art Gallery Area of the Student Center (south end, first floor).

Students, staff, and faculty will learn about SIU's study abroad opportunities at the fair. Program leaders, study abroad alumni, visiting exchange students, and representatives from study abroad providers will be at the fair to answer questions. Information about the Faculty Fulbright program will also be available.

For additional information, contact Thomas Saville, Associate Director for Study Abroad, (453-7670 or studyabr@siu.edu).

Saluki Idea Competition Underway: Students can join online now

The Saluki Idea Competition aims to "boost SIUC student and community involvement with innovative thinking and business development to address local and global challenges." With this competition, SIUC is giving students, and student-led teams, the opportunity to showcase their ideas for new products or services and win cash prizes.

The grand prize is $500, second place is $200, and the next three finalists will be awarded $50. Additional funds provided by the Sustainability Council will provide for expansion of project research and development. For complete rules and to enter, go to http://siu.launcht.com. Individual students or student teams can submit their commercially viable ideas until 1 pm on Oct. 4.

The theme of the competition is "Sustainability in Your Community." Each entry must include a descriptive title for the project, team names and roles, the "hook" (an explanation of the idea and why it's unique), a sales pitch, a financial explanation, and a description of how the project relates to the contest theme.

To help participants create the best possible team and prepare for the competition, a Facebook page has been set up where you can search for prospective team members (www.facebook.com/pages/Saluki-Idea-Competition/334556946637616). An informational luncheon is being held at Woody Hall, C227, Monday September 10, from 12:00 p.m. to 2:00 p.m.; sandwiches will be provided and all are welcome. More information is available at the “First Tuesday Tech Tran Coffee Talks,” 9:30 to 11 am on Oct. 2, at the Student Center McDonalds. Participants also can get Twitter updates at @siuctechtran.
Technology and Innovation Expo Speakers and Panelists

The Saluki Idea Competition is a component of the Oct. 19 Technology and Innovation Expo at the Dunn-Richmond Economic Development Center. The 4th Annual Tech Expo also features a showcase of University faculty inventions, and a keynote presentation by NASA Research Park director and SIU Carbondale alumnus Michael Marlaire. A panel will discuss "Leveraging Knowledge and Technology for Sustainable Prosperity," moderated by SIU alumnus and director of the National Corn-to-Ethanol Research Center John Caupert. The registration fee for the Expo is $25 per person and you can sign up at www.tie.siu.edu or by calling 536-7751.

For additional details about the Saluki Idea Competition, or the Expo, contact Amy Mc Morrow Hunter (amcmorro@siu.edu) or 453-4556.

Grant Awards from August 2012

In August 2012, OSPA processed 68 awards to SIU totaling $8,207,112. View the complete list of awards. Four of the award descriptions are below.

Nicholas Pinter (Geology), Christopher Lant (Geography), Matt Whiles (Zoology), Lizette Chevalier (Civil and Environmental Engineering), and Sara Baer (Plant Biology) received $649,999 from the National Science Foundation to cultivate a new and diverse generation of watershed science and management graduates trained in integrative, team-based collaboration across the full spectrum of relevant physical and social sciences, and with the skills and experience to integrate science, management, and policy at the watershed and river basin levels.

Antyne Lester (Upward Bound) received $382,500 from the U.S. Dept. of Education to create a year-round academic environment conducive to learning and sensitive to specialized education needs of handicapped, low-income, and minority students who reside in isolated rural areas of Southern Illinois.

Daotai Nie (Medical Microbiology and Immunology) received $214,879 from the U.S. Dept. of Health and Human Services to examine a complex biological question of chromatin structure and genome organization that incorporates recent advance in proteomics and mass spectrometry as well as the interface between chemistry and biology.

Stacia Robertson (Rehabilitation Institute) received $147,380 from the U.S. Dept. of Education for the expansion of efforts in graduation doctoral students who are certified rehabilitation counselors with skills in counselor supervision as well as rehabilitation administration skills.


**Funding Opportunities**

For more information about these programs, contact Joel Fritzler, OSPA Information Specialist, at 453-4530 or jcfritz@siu.edu.

**Great Plains Center for Agricultural Health**

The Great Plains Center for Agricultural Health invites proposals for two types of small grant projects; 1) **basic and applied research** projects addressing agricultural safety and health priority issues, needs, or gaps, and 2) **community partnering** proposals from community-based organizations and entities with special ability to engage in outreach, education, and translation of evidence-based methods for preventing agricultural injury and illness among agricultural workers.

They expect to fund projects which must be implemented and completed by Sept. 29, 2013. The maximum permitted budget is $15,000 total (direct plus indirect). Applicants will be notified in mid-October of merit review results and the award decision. Funds will be available immediately after IRB approval is obtained. Collaborative and interdisciplinary applications are encouraged.

For additional information, go to: [http://www.public-health.uiowa.edu/gpcah/](http://www.public-health.uiowa.edu/gpcah/) or contact Ellen Heywood (319-335-4405, ellen-heywood@uiowa.edu).

**DEADLINE:** October 1

**GRAMMY Foundation: Scientific Research & Archiving and Preservation Projects**

**Scientific Research Projects:** The GRAMMY Foundation Grant Program awards grants (up to $20,000) to organizations and individuals to support research on the impact of music on the human condition. Examples might include the study of the effects of music on mood, cognition and healing, as well as the medical and occupational well-being of music professionals and the creative process underlying music. Priority is given to projects with strong methodological design as well those addressing an important research question.

**Archiving And Preservation Projects:** The GRAMMY Foundation Grant Program awards grants to organizations and individuals to support efforts that advance the archiving and preservation of the music and recorded sound heritage of the Americas. The Archiving and Preservation area has two funding categories; 1) Preservation Implementation (up to $20,000), and 2) Planning, Assessment and/or Consultation (up to $5,000).
NSF/NIH/NASA/USDA: National Robotics Initiative

The goal of the National Robotics Initiative is to accelerate the development and use of robots in the U.S. that work beside, or cooperatively with, people. Innovative robotics research and applications emphasizing the realization of such co-robots acting in direct support of and in a symbiotic relationship with human partners is supported by multiple agencies of the federal government including the National Science Foundation (NSF), the National Aeronautics and Space Administration (NASA), the National Institutes of Health (NIH), and the U.S. Department of Agriculture (USDA).

The purpose of this program is the development of this next generation of robotics, to advance the capability and usability of such systems and artifacts, and to encourage existing and new communities to focus on innovative application areas. It will address the entire life cycle from fundamental research and development to industry manufacturing and deployment. Methods for the establishment and infusion of robotics in educational curricula and research to gain a better understanding of the long term social, behavioral and economic implications of co-robots across all areas of human activity are important parts of this initiative. Collaboration between academic, industry, non-profit and other organizations is strongly encouraged to establish better linkages between fundamental science and technology development, deployment and use.

Two classes of proposals will be considered in response to this solicitation:

- Small projects: One or more investigators spanning 1 to 5 years.
- Large projects: Multi-disciplinary teams spanning 1 to 5 years.

It is estimated that 75 awards will be made from an anticipated funding amount of $50 million. For additional information about this program, see: www.nsf.gov/pubs/2011/nsf11553/nsf11553.htm or contact Richard Voyles (703-292-8950, rvoyles@nsf.gov) or Kishna Ford (703-292-4370, ksford@nsf.gov)

DEADLINES:
Letter of Intent (required):
Small Projects: October 01
Large Projects: December 15

American Council of Learned Societies: Digital Innovation Fellowships
This program supports digitally based research projects in all disciplines of the humanities and related social sciences. It is hoped that projects of successful applicants will help advance digital humanistic scholarship by broadening understanding of its nature and exemplifying the robust infrastructure necessary for creating such works.

ACLS Digital Innovation Fellowships are intended to support an academic year dedicated to work on a major scholarly project that takes a digital form. Projects may:

- Address a consequential scholarly question through new research methods, new ways of representing the knowledge produced by research, or both;
- Create new digital research resources;
- Increase the scholarly utility of existing digital resources by developing new means of aggregating, navigating, searching, or analyzing those resources;
- Propose to analyze and reflect upon the new forms of knowledge creation and representation made possible by the digital transformation of scholarship.

Each fellowship carries a stipend of up to $60,000 towards an academic year's leave and provides for project costs of up to $25,000. This program is open to scholars in all fields of the humanities and the humanistic social sciences. Applicants must have a Ph.D. degree conferred prior to the application deadline. For additional information about this program, see: [http://www.acls.org/programs/digital/](http://www.acls.org/programs/digital/).

**DEADLINE:** October 2; applications must be submitted through [www.ofa.acls.org](http://www.ofa.acls.org).

**NIH: Basic Behavioral Research on Multisensory Processing**

This Funding Opportunity Announcement (FOA), issued as part of the NIH Basic Behavioral and Social Sciences Opportunity Network (OppNet), encourages research grant applications investigating multisensory processing in perception or other behavioral and social outcomes. The FOA is intended to support basic behavioral research projects focused on two or more sensory modalities. This includes research examining ways in which cognitive or affective processes interact with multisensory input to influence basic behavioral targets. While evidence suggests that sensory input is processed interactively instead of additively, research is less developed regarding how different modalities are integrated for perception and behavioral or social outcomes.


**DEADLINE:** October 31

**Burroughs Wellcome Fund: Investigators in the Pathogenesis of Infectious Disease**
This program provides awards for assistant professors to study infectious disease pathogenesis, with a focus on the intersection of human and pathogen biology. This program is intended to shed light on how infectious disease systems work by encouraging assistant professors to take on fundamental biological questions at the intersection of human and microbial biology.

Five-year awards provide $500,000 for opportunities for accomplished investigators at the assistant professor level to study pathogenesis with a focus on the intersection of human and microbial biology. The program is intended to shed light on the overarching issues of how human hosts handle infectious challenge. The awards give recipients the freedom and flexibility to pursue new avenues of inquiry and higher-risk research projects that hold potential for advancing significantly the biochemical, pharmacological, immunological, and molecular biological understanding of how infectious agents and the human body interact.

For additional information about this program, see: http://www.bwfund.org/pages/105/Investigators-in-the-Pathogenesis-of-Infectious-Disease/.

**DEADLINE:** November 1

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**Gates Foundation: Grand Challenges Explorations**

The Bill & Melinda Gates Foundation is accepting proposals for Round 10 of Grand Challenges Explorations, an initiative to encourage innovative and unconventional global health and development solutions. Applicants can be at any experience level and from any discipline. Two-page grant proposals are being accepted online on the following topics:

- Labor Saving Innovations for Women Smallholder Farmers
- New Approaches in Model Systems, Diagnostics, and Drugs for Specific Neglected Tropical Diseases
- New Approaches for the Interrogation of Anti-malarial Compounds
- Aid is Working. Tell the World.

Initial grants will be $100,000, and projects showing promise will have the opportunity to receive additional funding up to $1 million. Full descriptions of the topics and application instructions are available at: www.grandchallenges.org/gce.

**DEADLINE:** November 7

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**NSF: Science, Engineering and Education for Sustainability Fellows**
Through the SEES Fellows Program, NSF seeks to advance science, engineering, and education to inform the societal actions needed for environmental and economic sustainability and human well-being while creating the necessary workforce to address these challenges. The Program’s emphasis is to facilitate investigations that cross traditional disciplinary boundaries and address issues of sustainability through a systems approach, building bridges between academic inquiry, economic growth, and societal needs. The Fellow's proposed investigation must be interdisciplinary and allow him/her to obtain research experiences beyond his/her current core disciplinary expertise. Fellows are required to develop a research partnership(s) that will advance and broaden the impact/scope of the proposed research, and present a plan for their own professional development in the area of sustainability science and engineering.

The Principal Investigator (PI) on the proposal must be the prospective Fellow. No co-PIs are allowed. To be eligible to submit a proposal, an individual must, as of the proposal deadline date, meet all of the following criteria:

- Be a U.S. citizen, national, or permanent resident;
- Have earned the doctoral degree, or expect to have earned the doctoral degree, by the start date of the award;
- Not have worked for more than 36 full-time equivalent months in one or more positions that require the doctoral degree. If more than 36 months have elapsed between conferral of the doctoral degree and the SEES Fellows proposal deadline date, PIs must include specific language in their Biographical Sketch (discussed at the website above) affirming that they meet this eligibility requirement.
- Not be employed in a tenure-track (or tenure-track-equivalent) position at an academic institution or at a non-profit, non-degree-granting organization such as a museum, observatory, or research lab.


**DEADLINE:** Nov. 26

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**Recent Grant Awards**

*Note: Grant listings going back to FY2003 are available via this website’s* [Reports and Publications](#) *section.*

**August 2012**