

# Spirit of INNOVATION

Research, Creativity and Commercialization News

OFFICE OF RESEARCH ADMINISTRATION NEWSLETTER October 2007 (Volume VII, No. 4)

The Office of Research Administration provides leadership and support in the development, execution and operation of programs in sponsored research, technology transfer and economic development throughout the University of Missouri-St. Louis. The goal of this newsletter is to inform the campus community of grants received, to highlight the accomplishments of our faculty, graduate students and staff, and to share with you a calendar of important events and deadlines. Please direct any comments or questions regarding the newsletter to Tamara Wilgers ([wilgerst@umsl.edu](mailto:wilgerst@umsl.edu)).

## Recent Awards

August 2007 EXTERNAL FUNDING Sources	
Association	\$100,000
Corporation	\$241,278
Federal	\$6,260,408
MO Local Government	\$787,868
State of Missouri	\$414,961
<b>TOTAL</b>	<b>\$7,804,515</b>

August 2007 EXTERNAL FUNDING Purposes	
Instruction	\$1,033,290
Other Sponsored Activity	\$4,883,504
Research	\$1,887,721
<b>TOTAL</b>	<b>\$7,804,515</b>

### EXTERNALLY FUNDED AWARDS, August 2007

**Gregory Aubuchon and Donald Kridel**, Economics, awarded \$114,787 for "Missouri Gaming Market Analysis" by the Missouri Gaming Commission.

**James Bashkin**, Chemistry and Biochemistry, awarded \$229,778 for "Antiviral Compounds that Target HPV18 DNA" by NanoVir, LLC.

**Jerry Dunn**, Children's Advocacy Center, awarded \$186,014 for "Parent Child Interaction Therapy for Promoting Positive Discipline" by the Saint Louis Mental Healthy Board.

**Jerry Dunn**, Children's Advocacy Center, awarded \$199,852 for "Integrated Treatment for Complex Trauma with Children with Serious Emotional Disturbance" by the Saint Louis Mental Healthy Board.

**G A Franzel**, Continuing Education & Outreach, awarded \$1,500 for "Conference Speaker Support" by the VISTAKON.

**Tara Galovski**, Center for Trauma Recovery, awarded \$203,850 for "Improving Effectiveness: Treatment Outcome Research" by

the National Institutes of Health.

**George Gokel**, Center for Nanoscience, awarded \$174,428 for "Synthetic Chemical Models of Ammonium Arene Interactions" by the National Science Foundation.

**Clark Hickman and Stephen Viola**, Continuing Education & Outreach, awarded \$50,000 for "Paraprofessional Tuition Reimbursement" by the Missouri Department of Elementary and Secondary Education.

**John Hoover and Gregory Ames**, Mercantile Library, awarded \$16,277 for "Bureau of Railway Economics (BRE) Collection" by the Missouri State Library.

**Cezary Janikow and Uday Chakraborty**, Mathematics & Computer Science, awarded \$10,000 for "Network Load Test Tool" by the Express Scripts, Inc.

**David Laslo**, Public Policy Research Centers, awarded \$402,002 for "Workforce Development Information System (Adult)" by the St Louis Agency Training and Employment.

**Lori Newcomer**, Teaching & Learning, awarded \$21,740 for "Positive Behavior Support (PBS) Coaches Training" by the Missouri Department of Elementary and Secondary Education.

**Joseph Pickard**, Social Work, awarded \$100,000 for "Mental Health Counseling and Referral of Older Adults: Clergy Experience" by the Gerontological Society of America.

**Lloyd Richardson**, Educational Leadership & Policy, awarded \$4,000 for "Translation of USGS Web Pages" by the U.S. Geological Survey.

**Thomas Schnell II**, Educational Leadership & Policy, awarded \$90,000 for "Regional Professional Development Center Compliance Consultant" by the Missouri Department of Elementary and Secondary Education.

**James Shymansky**, Teaching & Learning, awarded \$983,290 for "Professional Development for Rural Teachers through Adaptation of Science Kits: The Just ASK a Teacher Project" by the National Science Foundation.

**Patricia Simmons, Lynn Beckwith, Carl Hoagland and Gwendolyn Turner**, Teaching & Learning and Educational Leadership & Policy, awarded \$4,231,964 for "St Louis in Gear for Success (SLINGS)" by the U.S. Department of Education.

**Martin Stallings**, Student Life, awarded \$102,657 for "Communication Arts Initiative" by the Missouri Community Service Commission.

**Mark Tranel, Timothy Baumann and Andrew Hurley**, Public Policy Research Centers, Anthropology and History, awarded \$16,000 for "Community Analysis of the Scott Joplin House and Surrounding area." by the Missouri Department of Natural Resources.

**Xuemin Wang**, Biology, awarded \$400,000 for "Characterizing Functions of Multiple Phospholipase Ds in Plant Production and Quality" by the U.S. Department of Agriculture.

**Patricia Wente**, KWMU FM Radio, awarded \$3,500 for "Cityscape" by the Missouri Arts Council.

**Janet Wilking**, Chemistry, awarded \$262,876 for "Novel Metalloles Containing Heavy Group 14 Elements" by the National Science Foundation.

**Total Awarded: \$7,804,515**

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# Funding Opportunities

Opportunities listed are a sampling only. For additional opportunities, visit Grants.gov (<http://www.grants.gov>), Grant Advisor Plus (<http://www.grantadvisor.com/tgaplus/>), InfoEd ([http://www.infoed.org/new\\_spin/spinmain.asp](http://www.infoed.org/new_spin/spinmain.asp)) and the RFP Bulletin of the Foundation Center (<http://www.fdncenter.org/pnd/rfp/index.jhtml>), or contact Tamara Wilgers ([wilgerst@umsl.edu](mailto:wilgerst@umsl.edu)) for a customized database search.

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**FOR HELP GETTING SET UP TO RECEIVE CUSTOM EMAIL ALERTS FOR FEDERAL GRANT OPPORTUNITIES, CONTACT BRENDA STUTTE AT 516-5897 OR [STUTTE@UMSL.EDU](mailto:STUTTE@UMSL.EDU).**

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## **EXTERNAL FUNDING OPPORTUNITIES**

### **Agency for International Development (USAID)**

- South Africa USAID-Pretoria, Zimbabwe Orphans and Other Vulnerable Children Project  
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=15324>

### **Department of Agriculture (USDA)**

- CREES: Secondary and Two-Year Postsecondary Agriculture Education Challenge Grants Program Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=15580>
- CSREES: Critical Issues: Emerging and New Plant and Animal Pests and Diseases Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=15582>

### **Department of Defense (DOD)**

#### Air Force Office of Scientific Research (AFOSR)

- Research Interests of the Air Force Office of Scientific Research  
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=11104>

#### Defense Advanced Research Projects Agency (DARPA)

- BAA0718 Surface Enhanced Raman Scattering Science and Technology Fundamentals (SERS S&T Fundamentals) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppId=15506>

#### Defense Threat Reduction Agency

- R&D Innovation Office, Science and Technology New Initiatives BAA Grant  
<http://www07.grants.gov/search/search.do?mode=VIEW&oppId=39797>

#### Department of the Army

- Intramural PTSD Investigator Initiated Research Award  
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=15385>
- PTSD Intramural Advanced Technology-Therapeutic Development Award  
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=15388>
- PTSD/TBI Clinical Consortium- Coordinating Center Award  
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=15032>
- PTSD/TBI Clinical Consortium-Study-Site  
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=15033>

#### Office of Naval Research

- DoD HIV/AIDS PREVENTION CARE AND TREATMENT PROGRAM  
<http://www07.grants.gov/search/search.do?mode=VIEW&oppId=39763>

### **Department of Health and Human Services (HHS)**

#### Centers for Disease Control and Prevention (CDC)

- Improving Health and Educational Outcomes of Young People Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=15565>

#### Health Resources & Services Administration

- Nursing Workforce Diversity <http://www.grants.gov/search/search.do?mode=VIEW&oppId=15538>

#### National Institutes of Health (NIH)

- Americas Fellowship in Reproductive Sciences (F05) Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=15505>
- Development of High Resolution Probes for Cellular Imaging (R01) Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=15535>

**WHEN PREPARING A GRANT PROPOSAL, YOU MUST SUBMIT YOUR BUDGET TO GINNY SCHODROSKI AT LEAST **2 WEEKS BEFORE THE PROPOSAL SUBMISSION DEADLINE. ANY EXCEPTION MUST BE APPROVED BY VICE PROVOST NASSER ARSHADI.****  
[ginny@umsl.edu](mailto:ginny@umsl.edu) or x.5284

- Multidisciplinary Fellowships in Cancer Nanotechnology Research (F32 and F33) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppId=15540>
- NINDS Diversity Research Education Grants in Neuroscience (R25) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppId=15536>
- NINDS Diversity Research Education Grants in Neuroscience (R25) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppId=15577>
- Outstanding New Environmental Scientist Award (ONES)(R01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppId=15507>

#### **Environmental Protection Agency (EPA)**

- 5th Annual P3 Awards: A National Student Design Competition for Sustainability Focusing on People, Prosperity and the Planet (Opportunity #EPA-G2008-P3-Z2) <http://www.grants.gov/search/search.do?mode=VIEW&oppId=15424>
- 5th Annual P3 Awards: A National Student Design Competition for Sustainability Focusing on People, Prosperity and the Planet (Opportunity #EPA-G2008-P3-Z6) <http://www.grants.gov/search/search.do?mode=VIEW&oppId=15430>

#### **National Aeronautics and Space Administration (NASA)**

- NASA Headquarters ROSES 2007: Instrument Incubator Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppId=15539>
- ROSES 2007: Discovery and Scout Mission Capabilities Expansion Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppId=15570>
- ROSES 2007: EarthScope: The InSAR and Geodetic Imaging Component Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppId=15571>

#### **National Endowment for the Humanities (NEH)**

- JISC/NEH Transatlantic Digitization Collaboration Grants <http://www.grants.gov/search/search.do?mode=VIEW&oppId=15530>

#### **National Science Foundation (NSF)**

- Center for Research at the Interface of the Mathematical and Biological Sciences Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppId=15583>
- Dynamics of Coupled Natural and Human Systems Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppId=15584>
- EAR Postdoctoral Fellowships <http://www.grants.gov/search/search.do?mode=VIEW&oppId=15579>
- International Collaboration in Chemistry between US Investigators and their Counterparts in Germany, United Kingdom and China Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppId=15554>
- Research and Evaluation on Education in Science and Engineering Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppId=15575>

#### **NEW ANNOUNCEMENTS: FOUNDATIONS & OTHER; DEADLINE MEMO**

<http://www.grantadvisor.com/tgaplus/phone.pdf>

#### **GRANT SUBMISSION POLICY**

##### **PeopleSoft Signature Routing Sheet (PSRS)**

Must be delivered to the Office of Research BEFORE the grant will be submitted. Applies to any grant being submitted to any agency. Must include ALL signatures (all PIs Co-PIs, Dept. Chairs, Deans of each person, dept, and/or school who has time/resources committed through direct costs or cost sharing/match).

##### **Budgets: SUBMIT YOUR BUDGET TO GINNY SCHODROSKI TWO WEEKS PRIOR TO**

**SUBMISSION DEADLINE.** Large or complex budgets should be finalized a week before submission so that the PSRS can be prepared and routed for ALL required signatures. Proposal review time must be allowed before asking someone to commit their unit.

**Note:** If you are going to be away from the University at the time of submission, you must arrange before leaving to sign the PSRS signature page.

**Questions?** Contact Ginny Schodroski at 516-5284 or [ginny@umsl.edu](mailto:ginny@umsl.edu).

# Research & Commercialization News

- ORA Launches New Web Site
- CNS to Hold Open House Oct. 30

## ORA Launches New Web Site

The Office of Research Administration (<http://www.umsl.edu/services/ora/>) is launching a redesigned new web site the first week of October 2007. The new site is designed to be more user friendly, dividing content into the following five key areas:

- Sponsored Projects
  - Internal Awards
  - External Awards
- Technology Transfer
  - For UMSL Researchers
  - For Industry
- Compliance
  - Animal Subjects Research (IACUC)
  - Human Subjects Research (IRB)
  - Grants & Contracts
  - Research Integrity
  - Conflict of Interest
  - Biosafety
- Animal Welfare
  - About Animal Welfare
  - Animal Subjects Research (IACUC)
- Economic Development
  - Starting a Company
  - Growing a Company
  - UMSL Collaborations

The site will also offer resources such as a listing of interdisciplinary research centers on and off campus, and pages from which you can view and download both forms and policies relevant to the five key areas.

The web site address remains the same: <http://www.umsl.edu/services/ora/>. The web site itself should be much easier to navigate, however, putting the information you need at your fingertips.

If you have questions, please contact Tamara Wilgers at [wilgerst@umsl.edu](mailto:wilgerst@umsl.edu) or 314-516-6884. •

## CNS to Hold Open House Oct. 30

The Center for Nanoscience will hold an open house on Oct. 30, 2007, to officially kick off the Center's new identity, organization and initiatives. Attendees will also be able to see the building's new high-tech conference room and interior design. For more information on the CNS' new direction, see "After First Year, UMSL's Center for Nanoscience Positioned for Discovery." ([http://www.umsl.edu/services/ora/about/ORAnews\\_0907\\_News.html](http://www.umsl.edu/services/ora/about/ORAnews_0907_News.html))

The open house will kick off with a program at 4:00 p.m. with the following speakers:

- Dr. Nasser Arshadi, Vice Provost for Research Development (introductions)
- Dr. Thomas F. George, Chancellor
- Dr. Chris Spilling, Chair, Department of Chemistry & Biochemistry
- Dr. Bruce Wilking, Chair, Department of Physics and Astronomy
- Dr. Jimmy Liu, Director, Center for Nanoscience
- Dr. George Gokel, Associate Director, Center for Nanoscience

**Program:**

4:00 p.m.  
Benton Hall, Room 119

**Reception:**

5:00 p.m. to 7:00 p.m.  
Center for Nanoscience, William L. Clay Building

**More Information:** Contact Kendra Perry at [perryk@umsl.edu](mailto:perryk@umsl.edu) or 314-516-4626. •

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