

# Spirit of INNOVATION

Research, Creativity and Commercialization News

OFFICE OF RESEARCH ADMINISTRATION NEWSLETTER January 2006 (Volume V, No. 7)

The **Office of Research Administration** supports and advocates research and technology transfer by faculty, graduate students and staff. The ORA provides services in conjunction with external and internal sources of funding for research, along with services related to commercializing discoveries through technology transfer. 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 Kratochvil ([kratochvilt@umsl.edu](mailto:kratochvilt@umsl.edu)).

## NEWSLETTER CHANGES

**ORA News Poll**

Which newsletter format do you prefer?

HTML (online)

PDF (download)

Keep Both Available

*Graphic representation only. To voice your opinion in this poll, please visit the newsletter online at [www.umsl.edu/services/ora/about/ORAnews\\_0106\\_Home.html](http://www.umsl.edu/services/ora/about/ORAnews_0106_Home.html)*

We continue working to make the "Spirit of Innovation" newsletter as useful as possible for UMSL faculty, staff and students. Based on comments received from faculty in recent conversations and on newsletter usage reports, we have redesigned the online newsletter for easier navigation and use. Let us know what you think. We want to hear your suggestions on story ideas and other content, format and more. E-mail comments to Tamara Kratochvil ([kratochvilt@umsl.edu](mailto:kratochvilt@umsl.edu)).

Take our newsletter poll online at [http://www.umsl.edu/services/ora/about/ORAnews\\_0106\\_Home.html](http://www.umsl.edu/services/ora/about/ORAnews_0106_Home.html). This new feature will give you another way to voice your opinion about the newsletter, research and administrative issues, etc. If you have any questions or have trouble submitting your poll answer, please contact Tamara Kratochvil at 314-516-6884 or [kratochvilt@umsl.edu](mailto:kratochvilt@umsl.edu).

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## RECENT AWARDS

### EXTERNALLY FUNDED AWARDS, NOVEMBER 2005

**Nasser Arshadi**, Office of Research Administration, awarded \$286,237 for "Center for Emerging Technologies" by the Missouri Department of Economic Development.

**Judith Cochran**, Educational Leadership & Policy, awarded \$47,000 for "St. Louis Public Schools Avid Tutors" by the St. Louis Board of Education.

**Jerry Dunn**, Child Advocacy Center, awarded \$50,215 for "Group Treatment for Child Sexual Assault Victims" by the Missouri Department of Public Safety.

**Peter Handel**, Physics and Astronomy, awarded \$85,375 for "Fundamental Limits on Noise in Electronic Devices and Systems" by the Army Research Office.

**Robert Harris**, Child Advocacy Center, awarded \$121,161 for "Child Assessment Centers - Weinman Building" by the Missouri Department of Social Services.

**Robert Harris**, Child Advocacy Center, awarded \$121,161 for "Child Assessment Centers - West Pine" by the Missouri Department of Social Services.

**Deborah Henry**, Continuing Education & Outreach, awarded \$7,666 for "27th Annual St. Louis Storytelling Festival" by the Missouri Arts Council.

**Ray Mundy**, College of Business Administration, awarded \$33,750 for "The Midwest Consortium" by the Iowa State University.

**James O'Brien**, Chemistry and Biochemistry, awarded \$14,000 for "RUI: Collaborative Proposal: Visible and Near-Infrared Electronic Spectroscopy of Metal-Containing Diatomic Radicals by Intracavity Laser Absorption Techniques" by the National Science Foundation.

**Daniel Rust and Ray Mundy**, College of Business Administration, awarded \$42,500 for "Technology Transfer from Private to Public Transportation Providers" by the University of Alabama.

**Priscilla Schulz**, Psychology, awarded \$16,067 for "Psychological Services for Homicide Survivors" by the Missouri Department of Public Safety.

**William Simon**, Office of Research Administration, awarded \$8,176 for "NASA Technology Transfer" by Texas A&M University.

**Diane Toulaiatos**, Center for the Humanities, awarded \$1,000 for "The Monday Noon Cultural Series" by the Missouri Arts Council.

**Patricia Wente**, KWMU-FM Radio, awarded \$2,800 for "Cityscape" by the Missouri Arts Council.

**Total: \$837,109**

#### **UNIVERSITY OF MISSOURI RESEARCH BOARD AWARDS, OCTOBER 2005**

**Qingtang Jiang**, Mathematics and Computer Science, awarded \$21,166 for "Mathematical Development of Vector Subdivision for CAD Application."

**Hyung Kang**, Mathematics and Computer Science, awarded \$25,000 for "Computational Approach for Stoke-based Rendering."

**Michael Nichols**, Chemistry and Biochemistry, awarded \$27,000 for "Structure-Function of Polymorphic Amloid Assemblies."

**Gualtiero Piccinini**, Philosophy, awarded \$10,000 for "Computing Mechanisms: A Functional Account."

**Nancy Shields**, Sociology, awarded \$15,627 for "Comparing the Effects of Witnessing Community Violence."

**Nanora Sweet**, English/Women's Studies, awarded \$6,300 for "Hemans and the Shaping of History, A Romantic Poetics."

**Chung Wong**, Chemistry and Biochemistry, awarded \$30,000 for "Anti-plague Agents Targeting Yersinia Protein Tyrosine."

**Bethany Zolman, Elizabeth Kellogg, Lisa Schechter and Xuemin Wang**, Biology, awarded \$87,605 for "Special Opportunities: Growth Chamber Acquisition to Enhance UMSL Research."

**Total: \$222,698**

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# FUNDING OPPORTUNITIES

## **NEW ANNOUNCEMENTS: Government Agencies**

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

#### Overseas Missions

- India USAID-New Delhi, HIV-AIDS Prevention in Sri Lanka Grant  
<http://www.fedgrants.gov/Applicants/AID/OM/INA/386-06-002/listing.html>
- Indonesia USAID-Jakarta, Justice Sector Reform Program in Indonesia  
<http://www.fedgrants.gov/Applicants/AID/OM/IND/RFA-Indonesia%26%23032%3B06-008/listing.html>
- Iraq (CPA) USAID-Baghdad, IRAQ: Strategic City Stabilization Initiative (SCSI) Grant  
<http://www.fedgrants.gov/Applicants/AID/OM/BAG/RFA%26%23032%3B267-06-001/listing.html>
- Kenya USAID-Nairobi, AIDS, Population, and Health Integrated Assistance Program (APHIA II)  
<http://www.fedgrants.gov/Applicants/AID/OM/KEN/RFA%26%23032%3BNo%26%23046%3B%3A%26%23032%3B623-A-06-009/listing.html>

#### Washington D. C.

- INFANT AND YOUNG CHILD FEEDING PROGRAMS (IYCF). Grant  
<http://www.fedgrants.gov/Applicants/AID/OP/WAS/M%26%23047%3B0AA%26%23047%3BGH%26%23047%3BHRSR-06-292/listing.html>
- USAID Cuba Program <http://www.fedgrants.gov/Applicants/AID/OP/WAS/LAC-CUBA-2006-1-LMA/listing.html>

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

- Biotechnology Risk Assessment Research Grants Program Grant  
<http://www.fedgrants.gov/Applicants/USDA/CSREES/OEP/USDA-CSREES-BRAG/listing.html>
- Integrated Research, Education, and Extension Competitive Grants Program - Methyl Bromide Transitions Grant <http://www.fedgrants.gov/Applicants/USDA/CSREES/OEP/USDA-GRANTS-120605-003/listing.html>
- Integrated Research, Education, and Extension Competitive Grants-Integrated Pest Management Grant <http://www.fedgrants.gov/Applicants/USDA/CSREES/OEP/USDA-GRANTS-120605-002/listing.html>
- Plant Feedstock Genomics for Bioenergy: A Joint USDA, DOE Research Program Announcement to DOE National Laboratories LAB 06-03 Grant  
<http://www.fedgrants.gov/Applicants/USDA/CSREES/OEP/USDA-GRANTS-113005-001/listing.html>
- Special Research Grants Program - Citrus tristeza Research Grant  
<http://www.fedgrants.gov/Applicants/USDA/CSREES/OEP/USDA-GRANTS-120505-001/listing.html>
- Special Research Grants Program: Pest Management Alternatives Program Grant  
<http://www.fedgrants.gov/Applicants/USDA/CSREES/OEP/USDA-GRANTS-120605-001/listing.html>

### **Department of Commerce (DOC)**

- National Institute of Standards and Technology, NIST 2006 Small Grant Program  
<http://www.fedgrants.gov/Applicants/DOC/NIST/GAMD/2006-SGP-01/listing.html>
- National Institute of Standards and Technology, Precision Measurement Grants Program  
<http://www.fedgrants.gov/Applicants/DOC/NIST/GAMD/2006-PMGP-01/listing.html>
- National Telecommunications and Information Administration, Public Telecommunications Facilities Program (PTFP) Grant <http://www.fedgrants.gov/Applicants/DOC/NTIA/OTIA/DOC-GRANTS-121305-001/listing.html>
- OPEN RIVERS INITIATIVE BARRIER REMOVAL PROJECT GRANTS <http://tinyurl.com/cpbxl>

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

- Sustained Littoral Presence (SLP) Program Grant  
<http://www.fedgrants.gov/Applicants/DOD/DARPA/CMO/BAA06-12/listing.html>
- Topologically Controlled Lightweight Armor (TCLA), Grant  
<http://www.fedgrants.gov/Applicants/DOD/DARPA/CMO/BAA06-09/listing.html>
- Underwater Express Program Grant  
<http://www.fedgrants.gov/Applicants/DOD/DARPA/CMO/BAA06-13/listing.html>

### **Department of Education (ED)**

- Fund for the Improvement of Postsecondary Education--Special Focus Competition: US-Brazil Higher Education Consortia Program Grant  
<http://www.fedgrants.gov/Applicants/ED/HRO/DCMGC/ED-GRANTS-120705-003/listing.html>
- Fund for the Improvement of Postsecondary Education--Special Focus Competition: Program for North American Mobility in Higher Education Grant  
<http://www.fedgrants.gov/Applicants/ED/HRO/DCMGC/ED-GRANTS-120705-002/listing.html>
- National Institute on Disability and Rehabilitation Research (NIDRR) -- Research Fellowships Program Grant <http://www.fedgrants.gov/Applicants/ED/HRO/DCMGC/ED-GRANTS-112805-001/listing.html>
- National Institute on Disability and Rehabilitation Research (NIDRR)--Disability and Rehabilitation Research Project and Centers Program--Field Initiated (FI) Projects Grant  
<http://www.fedgrants.gov/Applicants/ED/HRO/DCMGC/ED-GRANTS-120505-001/listing.html>
- National Institute on Disability and Rehabilitation Research (NIDRR)--Rehabilitation Engineering Research Centers (RERC) on Low Vision and Blindness Grant  
<http://www.fedgrants.gov/Applicants/ED/HRO/DCMGC/ED-GRANTS-121305-001/listing.html>
- Personnel Preparation to Improve Services and Results for Children with Disabilities--Center on High Quality Personnel in Inclusive Preschool Settings Grant  
<http://www.fedgrants.gov/Applicants/ED/HRO/DCMGC/ED-GRANTS-120805-001/listing.html>
- Teaching American History Grant Program  
<http://www.fedgrants.gov/Applicants/ED/HRO/DCMGC/ED-GRANTS-120605-001/listing.html>
- Technology and Media Services for Individuals with Disabilities -- Center to Support Technology Innovation for Students with Disabilities Grant  
<http://www.fedgrants.gov/Applicants/ED/HRO/DCMGC/ED-GRANTS-121305-002/listing.html>

### **Department of Energy (DOE)**

- Codes and Standards for the Hydrogen Economy Grant  
<http://www.fedgrants.gov/Applicants/DOE/PAM/HQ/DE-PS36-06GO96011/listing.html>
- Plant Feedstock Genomics for Bioenergy: A Joint Research Solicitation- USDA, DOE Grant  
<http://www.fedgrants.gov/Applicants/DOE/PAM/HQ/DE-FG02-06ER06-03/listing.html>

### **Department of Justice (DOJ)**

- Developing and Enhancing Prescription Drug Monitoring Programs Grant  
<http://www.fedgrants.gov/Applicants/DOJ/HQ/OJP/BJA-2006-1237/listing.html>
- Evaluation of Technologies Grant <http://www.fedgrants.gov/Applicants/DOJ/HQ/OJP/2006-NIJ-1208/listing.html>
- Gang Resistance Education and Training (G.R.E.A.T.) Program Grant  
<http://www.fedgrants.gov/Applicants/DOJ/HQ/OJP/BJA-2006-1237/listing.html>
- Training Grants to Stop Abuse and Sexual Assault Against Older Individuals or Individuals with Disabilities Program Grant <http://www.fedgrants.gov/Applicants/DOJ/HQ/OJP/OVW-2006-1200/listing.html>

### **Department of State (STATE)**

- Open Competition Seeking Professional Exchanges Programs in Africa, East Asia, Eurasia, Europe, the Near East, North Africa, South Asia and the Western Hemisphere Grant  
<http://www.fedgrants.gov/Applicants/State/ECA/IIP-EX-EM/ECA-PE-C-06-01%26%23032%3B/listing.html>
- PROGRAM FOR RESEARCH AND TRAINING ON EASTERN EUROPE AND THE INDEPENDENT STATES OF THE FORMER SOVIET UNION (TITLE VIII)  
<http://www.state.gov/s/inr/grants/t8releases/>

### **Department of the Interior (DOI)**

#### Bureau of Reclamation

- Simplified Acquisition and Financial Assistance Group - UC-820 Activities to Avoid Jeopardy Grant <http://www.fedgrants.gov/Applicants/DOI/BOR/UC820/06-SF-40-2463/listing.html>

#### U.S. Geological Survey

- 2006 National Spatial Data Infrastructure Cooperative Agreement Program Grant  
<http://www.fedgrants.gov/Applicants/DOI/USGS/OAG/06HQPA0007/listing.html>

### **Department of Transportation (DOT)**

- Federal Aviation Administration/Tech. Center Aviation Research Grants Program Biometric Sub-System Performance Testing, 2006 Grant  
<http://www.fedgrants.gov/Applicants/DOT/FAATC/ARGP/TSL-06-01/listing.html>

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

- 3rd Annual P3 Award: A NATIONAL STUDENT DESIGN COMPETITION FOR SUSTAINABILITY FOCUSING ON PEOPLE, PROSPERITY, AND THE PLANET Grant  
[http://es.epa.gov/ncer/rfa/2006/2006\\_p3.html](http://es.epa.gov/ncer/rfa/2006/2006_p3.html)
  - EPA-G2006-P3-Z1 – Agriculture
  - EPA-G2006-P3-Z2 – Materials and Chemicals
  - EPA-G2006-P3-Z3 – Energy
  - EPA-G2006-P3-Z4 – Information Technology
  - EPA-G2006-P3-Z5 – Water
  - EPA-G2006-P3-Z6 – Built Environment
- BIOTECHNOLOGY: POTENTIAL ALLERGENICITY OF GENETICALLY ENGINEERED FOODS Grant  
<http://www.fedgrants.gov/Applicants/EPA/OGD/GAD/EPA-G2006-STAR-E1/listing.html>
- Biotechnology: Potential Allergenicity of Genetically Engineered Foods Grant  
<http://www.fedgrants.gov/Applicants/EPA/OGD/GAD/EPA-G2006-STAR-E2/listing.html>
- Consolidated Environmental Professional Intern Program Grant  
<http://www.fedgrants.gov/Applicants/EPA/OGD/GAD/EPA-OECA-OEJ-05-02/listing.html>
- FY 2006 National Network for Environmental Management Studies Fellowship Grant  
<http://www.fedgrants.gov/Applicants/EPA/OGD/GAD/EPA-OEE-06-01/listing.html>
- GREATER RESEARCH OPPORTUNITIES: ENVIRONMENTALLY BENIGN MANUFACTURING AND PROCESSING [http://es.epa.gov/ncer/rfa/2006/2006\\_gro\\_solicitation.html](http://es.epa.gov/ncer/rfa/2006/2006_gro_solicitation.html)
- Strategic Agricultural Initiative/Food Quality Protection Act Grant Program: FY 2006 Request for Proposals Grant <http://www.fedgrants.gov/Applicants/EPA/OGD/GAD/EPA-R9-CED1-06-003/listing.html>
- Training Course on Environmental Laws and Alternative Dispute Resolution Grant  
<http://www.fedgrants.gov/Applicants/EPA/OGD/GAD/EPA-OECA-OEJ-05-01/listing.html>

### **Health Resources and Services Administration (HRSA)**

- State Protection and Advocacy for Traumatic Brain Injury (PATBI) Program Grant Center Long Term MCH Training: LEND Grant <http://www.fedgrants.gov/Applicants/HHS/HRSA/GAC/HRSA-06-048/listing.html>

### **National Endowment for the Arts (NEA)**

- INTERNATIONAL ARTS CONNECTION RESIDENCIES Grant  
<http://www.fedgrants.gov/Applicants/NEA/2/2/PS06-01/listing.html>

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

- Collaborative Research Grants  
<http://www.fedgrants.gov/Applicants/NEH/OPUB/OPO/RZ/listing.html>
- Fellowship for College Teachers and Independent Scholars Grant  
<http://www.fedgrants.gov/Applicants/NEH/OPUB/OPO/FB/listing.html>
- Fellowship Programs at Independent Research Institutions Grant  
<http://www.fedgrants.gov/Applicants/NEH/OPUB/OPO/RA/listing.html>
- Fellowships for University Teachers Grant  
<http://www.fedgrants.gov/Applicants/NEH/OPUB/OPO/FA/listing.html>
- Fellowships: Advanced Social Science Research on Japan Grant  
<http://www.fedgrants.gov/Applicants/NEH/OPUB/OPO/FO/listing.html>
- Grants to Preserve and Create Access to Humanities Collections Grant  
<http://www.fedgrants.gov/Applicants/NEH/OPUB/OPO/PC/listing.html>
- Implementation Grants for Libraries and Archives Grant  
<http://www.fedgrants.gov/Applicants/NEH/OPUB/OPO/LI/listing.html>
- Implementation Grants for Museums and Historical Organizations Grant  
<http://www.fedgrants.gov/Applicants/NEH/OPUB/OPO/MI/listing.html>
- Implementation Grants for Special Projects Grant  
<http://www.fedgrants.gov/Applicants/NEH/OPUB/OPO/QI/listing.html>
- Interpreting America's Historic Places: Consultation Grants  
<http://www.fedgrants.gov/Applicants/NEH/OPUB/OPO/BK/listing.html>

- Interpreting America's Historic Places: Implementation Grants Grant  
<http://www.fedgrants.gov/Applicants/NEH/OPUB/OPO/NEH-BR-02062006/listing.html>
- Interpreting America's Historic Places: Planning Grants Grant  
<http://www.fedgrants.gov/Applicants/NEH/OPUB/OPO/BP/listing.html>
- Libraries and Archives: Consultation Grants  
<http://www.fedgrants.gov/Applicants/NEH/OPUB/OPO/LC/listing.html>
- Libraries and Archives: Planning Grants  
<http://www.fedgrants.gov/Applicants/NEH/OPUB/OPO/LP/listing.html>
- Museums and Historical Organizations: Consultation Grants Grant  
<http://www.fedgrants.gov/Applicants/NEH/OPUB/OPO/MC/listing.html>
- Museums and Historical Organizations: Planning Grants Grant  
<http://www.fedgrants.gov/Applicants/NEH/OPUB/OPO/MP/listing.html>
- Preservation and Access Education and Training Grants Grant  
<http://www.fedgrants.gov/Applicants/NEH/OPUB/OPO/PE/listing.html>
- Preservation and Access Grants for Stabilizing Humanities Collections Grant  
<http://www.fedgrants.gov/Applicants/NEH/OPUB/OPO/PZ/listing.html>
- Preservation and Access Reference Materials Grants Grant  
<http://www.fedgrants.gov/Applicants/NEH/OPUB/OPO/PM/listing.html>
- Preservation and Access Research and Development Projects Grants Grant  
<http://www.fedgrants.gov/Applicants/NEH/OPUB/OPO/PR/listing.html>
- Preservation Assistance Grants for Smaller Institutions Grant  
<http://www.fedgrants.gov/Applicants/NEH/OPUB/OPO/PG/listing.html>
- Radio Projects: Consultation Grants  
<http://www.fedgrants.gov/Applicants/NEH/OPUB/OPO/UC/listing.html>
- Radio Projects: Development Grants  
<http://www.fedgrants.gov/Applicants/NEH/OPUB/OPO/UD/listing.html>
- Radio Projects: Production Grants  
<http://www.fedgrants.gov/Applicants/NEH/OPUB/OPO/UI/listing.html>
- Scholarly Editions Grant <http://www.fedgrants.gov/Applicants/NEH/OPUB/OPO/RQ/listing.html>
- Special Projects: Consultation Grants  
<http://www.fedgrants.gov/Applicants/NEH/OPUB/OPO/QC/listing.html>
- Special Projects: Planning Grants  
<http://www.fedgrants.gov/Applicants/NEH/OPUB/OPO/QP/listing.html>
- Summer Stipends Grant <http://www.fedgrants.gov/Applicants/NEH/OPUB/OPO/FT/listing.html>
- Television Projects: Consultation Grants  
<http://www.fedgrants.gov/Applicants/NEH/OPUB/OPO/TC/listing.html>
- Television Projects: Planning Grants  
<http://www.fedgrants.gov/Applicants/NEH/OPUB/OPO/TP/listing.html>
- Television Projects: Production Grant  
<http://www.fedgrants.gov/Applicants/NEH/OPUB/OPO/TI/listing.html>
- Television Projects: Scripting Grants  
<http://www.fedgrants.gov/Applicants/NEH/OPUB/OPO/TS/listing.html>

#### **National Institutes of Health (NIH)**

- Advanced Proteomic Platforms and Computational Sciences for the NCI Clinical Proteomic Technologies Initiative (R01, R21, R21/R33) Grant  
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/RFA-CA-07-005/listing.html>
- Alcohol Metabolism and Epigenetic Effects on Tissue Injury [R01] Grant  
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/RFA-AA-06-004/listing.html>
- Alcohol Metabolism and Epigenetic Effects on Tissue Injury [R21] Grant  
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/RFA-AA-06-005/listing.html>
- Application of Emerging Technologies for Cancer Research (R21, R21/R33, R33) Grant  
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/RFA-CA-07-002/listing.html>
- Clinical Hematology Research Career Development Program (K12) Grant  
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/RFA-HL-06-006/listing.html>
- Community-Responsive Interventions to Reduce Cardiovascular Risk in American Indians and Alaska Natives Grant <http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/RFA-HL-06-002/listing.html>
- Competing Renewal Awards of SBIR Phase II Grants for Pharmacologic Agents and Drugs for Mental Disorders (SBIR R43/R44) Grant  
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/PA-06-079/listing.html>

- Data Coordination and Analyses Center (DCAC)[U01] Grant  
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/RFA-HD-06-001/listing.html>
- Drug Delivery Systems for Orofacial Disease (SBIR [R43/R44]) Grant  
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/PA-06-085/listing.html>
- Drug Delivery Systems for Orofacial Disease (STTR [R41/R42]) Grant  
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/PA-06-084/listing.html>
- Exploratory/Developmental Program for Translational Research in Muscular Dystrophy (R21) Grant  
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/PAR-06-043/listing.html>
- Imaging - Science Track Award for Research Transition (I/START) [R03] Grant  
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/PAR-06-092/listing.html>
- Innovations in Cancer Sample Preparation (R21, R33, R21/R33) Grant  
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/RFA-CA-07-003/listing.html>
- Innovative Technologies for Molecular Analysis of Cancer (R21, R33) Grant  
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/RFA-CA-07-001/listing.html>
- Mentored Quantitative Research Development Award (K25) Grant  
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/PA-06-087/listing.html>
- NCCR Science Education Partnership Award (SEPA) [R25] Grant  
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/PAR-06-080/listing.html>
- Near-Term Technology Development for Genome Sequencing -- SBIR (R43/R44) Grant  
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/RFA-HG-06-002/listing.html>
- Near-Term Technology Development for Genome Sequencing -- STTR (R41/R42) Grant  
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/RFA-HG-06-003/listing.html>
- Near-Term Technology Development for Genome Sequencing (R01, R21, R21/R33) Grant  
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/RFA-HG-05-003/listing.html>
- NIDA Phase II Small Business Innovation Research (SBIR [R44]) Competing Renewal Awards Grant  
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/PA-06-036/listing.html>
- NLM Research Grants in Biomedical Informatics and Bioinformatics (R01) Grant  
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/PA-06-094/listing.html>
- Parenting Capacities and Health Outcomes in Youths and Adolescents (R21) Grant  
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/PA-06-098/listing.html>
- Pilot-Scale Libraries for High-Throughput Screening (P41) Grant  
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/RFA-RM-06-003/listing.html>
- Protein Structure Initiative (PSI) Materials Repository (U01) Grant  
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/RFA-GM-06-003/listing.html>
- Research on Social Work Practice and Concepts in Health (R01) Grant  
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/PA-06-081/listing.html>
- Research on Social Work Practice and Concepts in Health (R03) Grant  
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/PA-06-082/listing.html>
- Research on Social Work Practice and Concepts in Health (R21) Grant  
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/PA-06-083/listing.html>
- Revolutionary Genome Sequencing Technologies -- The \$1000 Genome -- STTR (R41/R42) Grant  
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/RFA-HG-06-005/listing.html>
- Revolutionary Genome Sequencing Technologies -- The \$1000 Genome -- SBIR (R43/R44) Grant  
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/RFA-HG-06-004/listing.html>
- Structural Genomics Knowledgebase (U01) Grant  
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/RFA-GM-06-004/listing.html>
- Toward Imaging the Pancreatic Beta Cell in People (R01) Grant  
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/RFA-DK-06-003/listing.html>
- Translational Research in Muscular Dystrophy (U01) Grant  
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/PAR-06-044/listing.html>
- Weight Loss in Obese Adults with Cardiovascular Risk Factors: Clinical Interventions (U01) Grant  
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/RFA-HL-06-007/listing.html>

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

- Carbon and Water in the Earth System Grant  
<http://www.fedgrants.gov/Applicants/NSF/OIRM/HQ/06-514/listing.html>
- Chemistry Research Instrumentation and Facilities Grant  
<http://www.fedgrants.gov/Applicants/NSF/OIRM/HQ/06-512/listing.html>
- Cyber Trust Grant  
<http://www.fedgrants.gov/Applicants/NSF/OIRM/HQ/06-517/listing.html>
- DEVELOPMENTAL AND LEARNING SCIENCES: INTEGRATIVE RESEARCH ACTIVITIES FOR DEVELOPMENTAL SCIENCE (IRADS)  
[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=8671](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=8671)

- Global Learning and Observations to Benefit the Environment Grant  
<http://www.fedgrants.gov/Applicants/NSF/OIRM/HQ/06-515/listing.html>
- HUMAN AND SOCIAL DYNAMICS (HSD)  
[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=11678](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11678)
- Materials Use: Science, Engineering, and Society Grant  
<http://www.fedgrants.gov/Applicants/NSF/OIRM/HQ/06-518/listing.html>
- Microbial Genome Sequencing Program Grant  
<http://www.fedgrants.gov/Applicants/NSF/OIRM/HQ/06-513/listing.html>
- Networking Technology and Systems Grant  
<http://www.fedgrants.gov/Applicants/NSF/OIRM/HQ/06-516/listing.html>
- NSF/NIH ECOLOGY OF INFECTIOUS DISEASES  
[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5269](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5269)
- Research Assistantships for High School Students (RAHSS): Supplemental Funding to Current SBIR/STTR Phase II Awards to Broaden Participation in Science and Engineering  
<http://www.nsf.gov/pubs/2006/nsf06003/nsf06003.jsp>

**Substance Abuse and Mental Health Services Administration (SAMHSA)**

- SAMHSA Conference Grants <http://www.fedgrants.gov/Applicants/HHS/SAMHSA/OC/PA-06-001/listing.html>

**NEW ANNOUNCEMENTS: Foundations & Other**

**AMERICAN PHILOSOPHICAL SOCIETY**

**PHILLIPS FUND GRANTS FOR NATIVE AMERICAN RESEARCH**

**DUE:** MAR 1

**WRITE:** Phillips Fund for Native American Rsch.

American Philosophical Society

104 South Fifth Street

Philadelphia, PA 19106

**WEB:** <http://www.amphilsoc.org/grants/phillips.htm>

**E-MAIL:** [LMusumeci@amphilsoc.org](mailto:LMusumeci@amphilsoc.org)

**PHONE:** 215/440-3429

The Phillips Fund of the American Philosophical Society provides grants for research in Native American linguistics, ethnohistory, and the history of studies of Native Americans, in the continental United States and Canada. Grants are not made for projects in archaeology, ethnography, psycholinguistics, or for the preparation of pedagogical materials. The committee distinguishes contemporary ethnography from ethnohistory as the study of cultures and culture change through time. The grants are intended for such extra costs as travel, tapes, films, and consultants' fees, but not for general maintenance or the purchase of books or permanent equipment. **ELIGIBILITY:** The committee prefers to support the work of younger scholars, who have received the doctorate. Applications are also accepted from graduate students, for research on master's or doctoral dissertations. **FUNDING:** The average award is about \$2,500; grants do not exceed \$3,000. Grants are given for one year following the date of the award.

**LIBRARY RESIDENT RESEARCH FELLOWSHIPS**

**DUE:** MAR 1

**WRITE:** Library Resident Research Fellowships

American Philosophical Society

105 South Fifth Street

Philadelphia, PA 19106-3386

**WEB:** <http://www.amphilsoc.org/grants/resident.htm>

**E-MAIL:** [jjahern@amphilsoc.org](mailto:jjahern@amphilsoc.org)

**PHONE:** 215/440-3443

**FAX:** 215/440-3423

The American Philosophical Society Library offers short-term residential fellowships for conducting research in its collections. The Society's Library, located near Independence Hall in Philadelphia, is a leading international center for research in the history of American science and technology and its European roots, as well as early American history and culture. The Library houses over 8 million

manuscripts, 250,000 volumes and bound periodicals, and thousands of maps and prints. The Library does not hold materials on philosophy in the modern sense. **ELIGIBILITY:** The fellowships, funded by a number of generous benefactors, are intended to encourage research in the Library's collections by scholars who reside beyond a 75-mile radius of Philadelphia. The fellowships are open to both U.S. citizens and foreign nationals who are holders of the Ph.D. or the equivalent, Ph.D. candidates who have passed their preliminary examinations, and independent scholars. Applicants in any relevant field of scholarship may apply. **FUNDING:** The stipend is \$2,000 per month, and the term of the fellowship is a minimum of one month and a maximum of three, taken between June 1, 2006 and May 31, 2007. Fellowships are usually of one month in duration, and seldom exceed two months.

#### **COMPTON FOUNDATION**

##### **GRANTS IN PEACE & SECURITY, POPULATION, AND ENVIRONMENT**

**DUE:** MAR 15 SEP 7

**WRITE:** Compton Foundation  
255 Shoreline Drive Suite 540  
Redwood City, CA 94065

**WEB:** <http://www.comptonfoundation.org/>

**E-MAIL:** [info@ComptonFoundation.org](mailto:info@ComptonFoundation.org)

**PHONE:** 650/508-1181

**FAX:** 650/508-1191

In a world that is increasingly interrelated, the Compton Foundation seeks to foster human and ecological security by addressing contemporary threats to these inalienable rights. We support responsible stewardship that respects the rights of future generations to a balanced and healthy ecology, both personal and global, allowing for the full richness of human experience. The Foundation envisions a world in which humans live in harmony with each other, and in sustainable balance with the earth. To realize this vision, the Compton Foundation focuses most of its grantmaking in the areas of Peace & Security, Environment & Sustainability, and Population & Reproductive Health, with a special emphasis on projects that explore the interconnections between these categories. The Foundation seeks to foster positive and sustainable models of change in each of its three program areas. The Foundation believes that research and activism should inform each other, and that both perspectives are necessary for productive public debate and effective policy change. The Foundation actively encourages creative collaboration between agencies, institutions and/or foundations, and projects that advance human knowledge by connecting theory with practice. **FUNDING:** The Compton Foundation granted \$16.7 million to nonprofit organizations in 2002 and 2003.

#### **CANCER RESEARCH INSTITUTE**

##### **INVESTIGATOR AWARD IN CANCER IMMUNOLOGY & GENERAL IMMUNOLOGY**

**DUE:** MAR 1

**WRITE:** Grants Administrator  
Cancer Research Institute  
681 Fifth Avenue  
New York, NY 10022-4209

**WEB:** <http://www.cancerresearch.org/investigator.html>

**E-MAIL:** [grants@cancerresearch.org](mailto:grants@cancerresearch.org)

**PHONE:** 212/688-7515

**FAX:** 212/832-9376

Established in 1986 to complement the Institute's Postdoctoral Fellowship Program, the Investigator Award Program supports accomplished assistant professors undertaking their first independent investigations in cancer immunology or general immunology. A four-year grant, the award provides flexibility and a degree of stability during this very challenging period. **ELIGIBILITY:** Candidates for the investigator award must hold a doctoral degree and be a tenure-track Assistant Professor at the time of award activation. CRI has no citizenship restrictions, and research supported by the award may be conducted at medical schools and research centers in the United States or abroad. **FUNDING:** The investigator award provides \$50,000 per year for 4 years. The funds may be used at the recipient's discretion for salary, technical assistance, supplies, or capital equipment. CRI does not provide funds for indirect costs. Payments are made monthly in U.S. currency to the host institution.

#### **EDUCATIONAL TESTING SERVICE**

##### **SYLVIA TAYLOR JOHNSON MINORITY FELLOWSHIP IN EDUCATIONAL MEASUREMENT**

**DUE:** FEB 1

**WRITE:** Linda DeLauro, MS 09R  
Educational Testing Service

Rosedale Road  
Princeton, NJ 08541-0001

**WEB:** <http://www.ets.org/research/fellowships.html>

**E-MAIL:** [internfellowships@ets.org](mailto:internfellowships@ets.org)

**PHONE:** 609/734-1806

Sylvia Taylor Johnson had a significant influence nationally on educational measurement and assessment through her research, extensive writings, and service to the educational community as an educator, editor, counselor, committee member, and collaborator. In honor of Dr. Johnson's important contributions to the field of education, ETS has established the Sylvia Taylor Johnson Minority Fellowship in Educational Measurement. Program goals include: (a) Promote excellence; (b) Encourage original and significant research for early-career scholars; and (c) Provide talented minority scholars an opportunity to carry out independent research under the mentorship of ETS senior researchers. Studies focused on issues concerning the education of minority students are especially encouraged. **ELIGIBILITY:** Applicants must have received their doctorate within the past 10 years, and they must be U.S. citizens or permanent residents. **FUNDING:** Stipend in relation to the successful applicant's compensation at the home institution. Limited relocation reimbursement expenses (consistent with ETS policy).

### **GERMAN MARSHALL FUND**

#### TRANSATLANTIC POLICY RESEARCH PROGRAM

**DUE:** MAR 1

**WRITE:** The German Marshall Fund of the U.S.

1744 R Street, NW

Washington, DC 20009

**WEB:** <http://www.gmfus.org/fellowships/research.cfm>

**E-MAIL:** [info@gmfus.org](mailto:info@gmfus.org)

**PHONE:** 202/745-3950

**FAX:** 202/265-1662

The German Marshall Fund of the United States (GMF) announces a call for proposals for a new program of transatlantic policy research conferences. This new program will replace the Research Fellowship Program and is part of an effort to encourage greater exchange between the university and policymaking communities. The aim of this program is to support research-driven conferences of scholars and policymakers working on transatlantic policy issues that will be selected and change on a yearly basis. This year, GMF will consider proposals in three areas: democracy promotion, immigration, and economic competitiveness policy. **ELIGIBILITY:** American and European university-based scholars from any discipline may apply. Conference proposals should include scholars from the United States and Europe, and preference will be given to those proposals with a comparative and interdisciplinary approach. **CRITERIA:** Proposals will be evaluated on their intellectual merits, transatlantic cooperation, engagement with the policy community, and potential policy impact through publications or other means. **FUNDING:** GMF will award a total of six grants of up to \$25,000 each for transatlantic policy conferences in the 2006-07 academic year.

### **INSTITUTE OF TURKISH STUDIES**

#### GRANTS PROGRAM

**DUE:** MAR 10

**WRITE:** Institute of Turkish Studies

Intercultural Center - Box 571033

Georgetown University

Washington, DC 20057-1033

**WEB:** <http://www.turkishstudies.org/grantsprogram.html>

**E-MAIL:** [dcc@turkishstudies.org](mailto:dcc@turkishstudies.org)

**PHONE:** 202/687-0295

**FAX:** 202/687-3780

Since 1983, the Institute has sponsored an annual grant program that offers a variety of awards to individual scholars, colleges, and universities in the United States. The principal purpose of the grant program is to support and encourage the development of research, scholarship, and learning in the field of Turkish Studies in the US. **ELIGIBILITY:** The Institute will offer grants and fellowships in the field of Ottoman and Modern Turkish Studies to graduate students, post-doctoral scholars, universities, and other educational institutions through its Grant Program for the 2006-2007 academic year. **FUNDING:** The annual budget for the Grants Program has been significantly expanded and ITS encourages qualified applicants to apply for its grants.

**INTERNATIONAL UNION AGAINST CANCER**  
**TECHNOLOGY TRANSFER FELLOWSHIPS**

**DUE:** anytime

**WRITE:** International Union Against Cancer  
3, rue du Conseil-General  
1205 Geneva  
SWITZERLAND

**WEB:** <http://fellows.uicc.org/fell4icr.shtml>

The International Cancer Technology Transfer Fellowships (ICRETT) are funded by a group of cancer institutes, leagues, societies, associations, foundations, and governmental agencies in North America, Europe, and Australia. The aims of the awards are threefold: (1) to facilitate rapid international transfer of cancer research and clinical technology; (2) to exchange knowledge and enhance skills in basic, clinical, behavioral, and epidemiological areas of cancer research, and in cancer control and prevention; and (3) to acquire up-to-date clinical management, diagnostic and therapeutic expertise. Applications are particularly encouraged for projects in the fields of cancer control & prevention; epidemiology & cancer registration, public education, and behavioral sciences. **ELIGIBILITY:** The short-term fellowships permit successful candidates to spend up to 3 months at a suitable host institute abroad. They are particularly aimed at investigators and clinicians working in places where such teaching is not yet available and where the necessary facilities exist to apply and disseminate the new skills upon return. Qualified cancer investigators should be in the early stages in their careers whilst clinicians should be well established in their oncology practice. Experts from any country, who have been invited to teach these specialized skills at institutes abroad, are also eligible to apply (reverse flow ICRETTs).

**FUNDING:** About 120 awards are available per year with an average award value for 1 month stipend and travel of US\$3,000.

**JUVENILE DIABETES RESEARCH FOUNDATION INT'L**  
**INNOVATIVE GRANTS**

**DUE:** MAR 17 JUL 15 NOV 18

**WRITE:** Juvenile Diabetes Rsch. Found. Int'l  
Grant Administrator  
120 Wall Street, 19th Floor  
New York, NY 10005

**WEB:** [http://www.jdrf.org/index.cfm?page\\_id=103207](http://www.jdrf.org/index.cfm?page_id=103207)

**E-MAIL:** [info@jdrf.org](mailto:info@jdrf.org)

**PHONE:** 800/533-2873

**FAX:** 212/785-9595

JDRF supports highly innovative basic and clinical research that is at the developmental stage by providing "seed" money for investigative work that can be accomplished in 1 year. Proposals are based on sound scientific hypotheses or technologies for which preliminary data are insufficient for a Regular Research Grant but which have the potential to lead to interventions for type 1 diabetes and its complications. **ELIGIBILITY:** Applications may be submitted by domestic and foreign non-profit organizations, public and private, such as universities, colleges, hospitals, laboratories, units of state and local governments, and eligible agencies of the federal government. Ordinarily, for-profit organizations will not be considered, except under special circumstances. **FUNDING:** JDRF Innovative Grants will be supported for a maximum of \$110,000 total costs for a period of 1 year. Indirect costs cannot exceed 10 percent of total costs. These awards are not renewable.

**LEUKEMIA & LYMPHOMA SOCIETY**  
**TRANSLATIONAL RESEARCH PROGRAM**

**DUE:** MAR 1, pre-applications

**WRITE:** Director of Research Administration  
The Leukemia & Lymphoma Society  
1311 Mamaroneck Avenue  
White Plains, NY 10605

**WEB:** [http://www.leukemia.org/all\\_page?item\\_id=11620](http://www.leukemia.org/all_page?item_id=11620)

**E-MAIL:** [researchprograms@lls.org](mailto:researchprograms@lls.org)

**PHONE:** 914/821-8843

**FAX:** 914/821-8946

The Leukemia & Lymphoma Society's Translational Research Program was established to encourage and provide support for new and novel clinical research. The goal of the program is to accelerate transfer of findings from the laboratory to clinical application. The program's purpose is to fund

research that shows high promise for translating basic biomedical knowledge to prevention or new treatments and, ultimately, to prolong and enhance life. **ELIGIBILITY:** Applications may be submitted by individuals holding an M.D., Ph.D., or equivalent degree, working in domestic or foreign non-profit organizations, such as universities, colleges, hospitals, laboratories, units of State and Local Governments, or eligible agencies of the Federal Government. Applicants from the National Institutes of Health are not eligible. Applications may be multi-institutional in nature. Applicants need not be U.S. citizens, but should have an independent research or academic position. There are no restrictions on applicant age, race, gender or creed. **FUNDING:** Awards will be limited to a maximum of \$200,000, which include direct costs and a maximum overhead of \$20,000 or 11.1 percent of direct costs per year for three years. Budget requests should be carefully justified and commensurate with the needs of the project.

## **NORTH ATLANTIC TREATY ORGANIZATION**

### NATO ADVANCED STUDY INSTITUTES

**DUE:** MAR 1 JUL 1 NOV 1

**WRITE:** Security Through Science Programme

Public Diplomacy Division

NATO, Boulevard Leopold III

B-1110 Brussels

Belgium

**WEB:** <http://www.nato.int/science/support/asi/asi-nfa.htm>

**E-MAIL:** [science@hq.nato.int](mailto:science@hq.nato.int)

Grants are offered to organize Advanced Study Institutes, which are high-level tutorial activities where a carefully defined subject is treated in depth by lecturers of international standing, and which include new advances in the subject not yet in university courses. Support is available for ASIs only in Priority Research Topics in the areas of Defence Against Terrorism or Countering Other Threats to Security and/or in a Partner-country priority. **FUNDING:** The NATO award is intended to cover direct organizational expenses, the travel and living expenses of a maximum of 15 lecturers, and to subsidize those ASI students from NATO countries, from eligible Partner countries and from Mediterranean Dialogue countries who are unable to obtain support from other sources. ASI lecturers from non-eligible Partner countries may be funded from the NATO grant. ASI students from non-eligible Partner countries cannot be funded from the NATO grant.

## **NATIONAL GALLERY OF ART**

### VISITING SENIOR F'SHIPS & ASSOCIATE APPOINTMENTS

**DUE:** MAR 21 SEP 21

**WRITE:** Center for Advanced Study in the Visual Arts

National Gallery of Art

2000B South Club Drive

Landover, MD 20785

**WEB:** <http://www.nga.gov/resources/casvavissen.htm>

**PHONE:** 202/842-6482

**FAX:** 202/789-3026

Applications will be considered for study in the history, theory, and criticism of the visual arts (painting, sculpture, architecture, landscape architecture, urbanism, prints and drawings, film, photography, decorative arts, industrial design, and other arts) of any geographical area and of any period. Applications are also solicited from scholars in other disciplines whose work examines artifacts or has implications for the analysis and criticism of visual form. **ELIGIBILITY:** Visiting Senior Fellowships are intended for those who have held the Ph.D. for five years or more or who possess an equivalent record of professional accomplishment at the time of application. Visiting Senior Fellowships are awarded without regard to the age or nationality of applicants. **FUNDING:** The Center awards up to twelve short-term (up to 60 days) Paul Mellon and Ailsa Mellon Bruce Visiting Senior Fellowships. Visiting senior fellows receive stipends that include round-trip travel and local expenses. Stipends for two-month fellowships range from \$6,000 to \$8,000, depending on relocation requirements. Visiting senior fellows may be eligible for a \$1,500-per-month housing allowance made possible with funds from the Paul Mellon Bequest. In addition, fellows receive allowances for photography. The Center will consider appointment of associates who have obtained awards for full-time research from granting institutions other than their home institutions and would like to be affiliated with the Center. Appointments to associate status will be considered for periods of up to 60 days. Qualifications and selection for associate status are the same as those for visiting senior fellows.

**NEWBERRY LIBRARY****SHORT-TERM RESIDENT FELLOWSHIPS FOR INDIVIDUAL RESEARCH****DUE:** MAR 1**WRITE:** Committee on Awards

The Newberry Library  
60 West Walton Street  
Chicago, IL 60610

**WEB:** <http://www.newberry.org/research/felshp/short-term.html>**E-MAIL:** [research@newberry.org](mailto:research@newberry.org)**PHONE:** 312/255-3666

Short-term fellowships are generally restricted to post-doctoral scholars or Ph.D. candidates from outside of the Chicago area who have a specific need for Newberry collections; some fellowships, however, are open to other categories of applicants and Chicago residents. Please see the Newberry Library website for descriptions, eligibility restrictions, and other information on the various short-term fellowships. **FUNDING:** Most awards are funded at \$1200 per month, pro-rated for shorter periods. A few awards have stipends of \$2,000-\$4,000. The tenure of these fellowships varies from one week to two months, unless otherwise noted under the award description on-line. A majority of fellowships will be for one month or less.

**STATE FARM COMPANIES FOUNDATION****DOCTORAL DISSERTATION AWARDS IN INSURANCE AND BUSINESS****DUE:** MAR 31**WRITE:** State Farm Companies Foundation

One State Farm Plaza, B-4  
Bloomington, IL  
61710-0001

**WEB:** <http://www.statefarm.com/foundati/doctoral.htm>**E-MAIL:** [home.sf-foundation.494b00@statefarm.com](mailto:home.sf-foundation.494b00@statefarm.com)

The Doctoral Dissertation Award is designed to stimulate research and development of new knowledge in the fields of insurance and business, and to increase the number of qualified teachers of insurance and business at U.S. colleges and universities. **ELIGIBILITY:** Eligible doctoral candidates: (a) Have completed a major portion of their coursework; (b) Have an approved proposal; (c) Have started writing, but have not completed a dissertation; (d) Are enrolled in a graduate-degree program; (e) Are U.S. citizens. Eligible dissertation topics include: Insurance and risk management topics that directly relate to or benefit the insurance industry; Business topics that relate to general business principles and issues. **FUNDING:** Each winner receives a \$10,000 research grant. Each winner's graduate institution also receives a grant of \$3,000.

**SIGMA XI, THE SCIENTIFIC RESEARCH SOCIETY****GRANTS-IN-AID OF RESEARCH****DUE:** MAR 15 OCT 15**WRITE:** Sigma Xi, The Scientific Rsch. Society

P.O. Box 13975  
3106 East NC Highway 54  
R.T.P., NC 27709

**WEB:** <http://www.sigmaxi.org/programs/gjar/index.shtml>**E-MAIL:** [gjar@sigmaxi.org](mailto:gjar@sigmaxi.org)**PHONE:** 919/549-4691**FAX:** 919/549-0090

The Sigma Xi Grants-in-Aid of Research program has been providing undergraduate and graduate students with valuable educational experiences for more than 80 years. By encouraging close working relationships between students and faculty, the program promotes scientific excellence and achievement through hands-on learning. **ELIGIBILITY:** While membership in Sigma Xi is not a requirement for applying for funding from the Grants-in-Aid of Research program, approximately 75% of funds are restricted for use by dues paying student members of Sigma Xi or students whose project advisor is a dues paying member of Sigma Xi. Students from any country are eligible to receive funding. **FUNDING:** The program awards grants of up to \$1,000 to students from all areas of the sciences and engineering. Designated funds from the National Academy of Sciences allow for grants of up to \$5,000 for astronomy and \$2,500 for vision related research. Students use the funding to pay for travel expenses to and from a research site, or for purchase of non-standard laboratory equipment necessary to complete a specific research project.

**SAINT LOUIS UNIVERSITY****VATICAN FILM LIBRARY: MELLON FELLOWSHIP****DUE:** MAR 1 JUN 1 OCT 1**WRITE:** Vatican Film Library Mellon Fellowship

Vatican Film Library, Pius XII Library

Saint Louis University

3650 Lindell Boulevard

Saint Louis, MO 63108-3302

**WEB:** <http://www.slu.edu/libraries/vfl/flwshp.htm>**E-MAIL:** [passga@slu.edu](mailto:passga@slu.edu)**PHONE:** 314/977-3090**FAX:** 314/977-3108

The Vatican Film Library supports the research of scholars using its manuscript collections through a fellowship program made available by the generosity of the Andrew W. Mellon Foundation.

**ELIGIBILITY:** Applicants may be post-doctoral scholars or graduate students formally admitted to a Ph.D. granting program working on their dissertations. Projects may involve any subject supported by the collections of the Vatican Library manuscripts or Jesuit archival material on microfilm held in the Vatican Film Library. Topics may include paleography, codicology, illumination, textual criticism, history, literature, music, science, philosophy, theology, liturgy, scriptural and patristic studies, Roman and canon law, political theory, etc. **FUNDING:** The Vatican Film Library Mellon Fellowship provides the cost of travel within the continental United States and per diem expenses (currently \$73) to researchers making use of the collections for periods between two and eight weeks. Research for periods of less than two weeks is eligible for per diem support, but not the cost of travel. Housing is not provided as part of the fellowship.

**TINKER FOUNDATION****INSTITUTIONAL GRANTS****DUE:** MAR 1 SEP 1**WRITE:** The Tinker Foundation Incorporated

55 East 59th Street

New York, NY 10022

**WEB:** <http://www.fdncenter.org/grantmaker/tinker/institu.html>**E-MAIL:** [tinker@tinker.org](mailto:tinker@tinker.org)**PHONE:** 212/421-6858**FAX:** 212/223-3326

Tinker Foundation institutional grants are awarded to organizations and institutions that promote the interchange and exchange of information within the community of those concerned with the affairs of Spain, Portugal, Ibero-America and Antarctica. (For the Foundation's purposes, Ibero-America is defined as the Spanish- and Portuguese-speaking countries of the Western Hemisphere.)

Programmatically, the Foundation funds projects addressing environmental policy, economic policy or governance issues. Projects should have a strong public policy component, offer innovative solutions to problems facing these regions, and incorporate new mechanisms for addressing these programmatic areas. Activities may include, but are not limited to, research projects and conferences related to the Foundation's areas of interest. The Foundation encourages collaboration between organizations in the United States and Iberia or Latin America and among institutions in those regions. **FUNDING:** In 2005, about 25 grants were made, ranging from \$3,150 to \$180,000.

**UNITED STATES INSTITUTE OF PEACE****SOLICITED GRANT PROJECTS****DUE:** MAR 1 OCT 1**WRITE:** United States Institute of Peace

1200 17th Street, NW Suite 200

Washington, DC 20036-3011

**WEB:** <http://www.usip.org/grants/solicited.html>**E-MAIL:** [grants@usip.org](mailto:grants@usip.org)**PHONE:** 202/429-3842**FAX:** 202/833-1018

The United States Institute of Peace, an independent, non-partisan federal institution, aims to expand the body of knowledge about the nature of international conflicts and their resolution, disseminate this knowledge to policymakers and practitioners involved in active peacemaking, and help educate the public and promote public discourse on issues of international war and peace. The Agency announces its upcoming Spring 2006 Solicited Grant Competition. The Solicited Grant competition is restricted to

projects that fit specific themes and topics identified in advance by the Institute of Peace. The themes and topics for the Spring 2006 Solicited competition are: Solicitation A: Promoting Private Sector Economic Recovery in Countries Emerging from Violent Conflict; and Solicitation B: Electoral Politics and Islamist Political Parties and Groups in Muslim Majority Countries.

#### UNSOLICITED GRANTS

**DUE:** OCT 1 MAR 1

**WRITE:** United States Institute of Peace

1200 17th Street, NW Suite 200

Washington, DC 20036-3011

**WEB:** <http://www.usip.org/grants/unsolicited.html>

**E-MAIL:** [grants@usip.org](mailto:grants@usip.org)

**PHONE:** 202/429-3842

**FAX:** 202/833-1018

Unsolicited grants are offered across a broad range of relevant disciplines, skills, and approaches. Topic areas of interest to the Institute include, but are not restricted to: international conflict resolution; diplomacy; negotiation theory; functionalism and "track two" diplomacy; methods of third-party dispute settlement; international law; international organizations and collective security; deterrence and balance of power; arms control; psychological theories about international conflict; the role of nonviolence and nonviolent sanctions; moral and ethical thought about conflict and conflict resolution; and theories about relationships among political institutions, human rights, and conflict. The Institute sets no disciplinary restrictions. It welcomes proposals of an interdisciplinary or multidisciplinary nature.

#### **NEW ANNOUNCEMENTS for Postdocs, Graduates and Undergrads**

Also check Government Agencies and Foundations & Other for additional opportunities.

Postdoctoral and Graduate Student Funding Opportunities

#### **American Physical Society**

M. Hildred Blewett Scholarship

[http://www.grantsnet.org/search/pgm\\_info.cfm?pgm\\_id=3602](http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3602)

Deadline: 01 June 2006

#### **Medicines for Malaria Venture**

Malaria Drug Discovery Projects

[http://www.grantsnet.org/search/pgm\\_info.cfm?pgm\\_id=3631](http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3631)

Deadline: 28 February 2006

Malaria Natural Products Projects

[http://www.grantsnet.org/search/pgm\\_info.cfm?pgm\\_id=3632](http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3632)

Deadline: 28 February 2006

#### **Robert J. and Claire Pasarow Foundation**

2005 Medical Research Award Cancer

[http://www.grantsnet.org/search/pgm\\_info.cfm?pgm\\_id=3634](http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3634)

Deadline: 16 January 2006

2005 Medical Research Award Cardiovascular Disease

[http://www.grantsnet.org/search/pgm\\_info.cfm?pgm\\_id=3635](http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3635)

Deadline: 16 January 2006

2005 Medical Research Award Neuropsychiatry

[http://www.grantsnet.org/search/pgm\\_info.cfm?pgm\\_id=3636](http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3636)

Deadline: 16 January 2006

#### **Smithsonian Institution**

Tupper 3-Year Postdoctoral Fellowships in Tropical Biology

[http://www.grantsnet.org/search/pgm\\_info.cfm?pgm\\_id=3628](http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3628)

Deadline: 15 January 2006

**Society for Biomolecular Screening**

The Society for Biomolecular Sciences Small Grants Program

[http://www.grantsnet.org/search/pgm\\_info.cfm?pgm\\_id=2368](http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=2368)

Deadline: 17 February 2006

**Weizmann Institute of Science**

Weizmann Women and Science Award

[http://www.grantsnet.org/search/pgm\\_info.cfm?pgm\\_id=3633](http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3633)

Deadline: 27 January 2006

Funding Opportunities for Undergraduates

**Leadership Alliance**

The Summer Research Early Identification Program (SR-EIP)

[http://www.grantsnet.org/search/pgm\\_info.cfm?pgm\\_id=2461](http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=2461)

Deadline: 01 February 2006

**McLaughlin Research Institute**

Summer Student Program

[http://www.grantsnet.org/search/pgm\\_info.cfm?pgm\\_id=3627](http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3627)

Deadline: 28 February 2006

**Penn State University**

Summer Research Opportunities Program (SROP)

[http://www.grantsnet.org/search/pgm\\_info.cfm?pgm\\_id=3637](http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3637)

Deadline: 10 February 2006

**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**

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).

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# NEWS

## TOP STORIES

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- UMSL criminologist receives national award
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- Poll: 2/3 of Mo. voters support stem cell initiative
- "Entrepreneurial Universities and Technology Transfer: A Conceptual Framework for Understanding Knowledge-Based Economic Development"
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### **Grants Incentive Funds (GIF) Distribution**

The Office of Research Administration (ORA) will distribute the indirect cost recoveries (GIFs) to departments and principal investigators in January for research expenditures incurred in FY2005. This distribution will be six months earlier than past cycles. Please watch for the GIF report and contact [Brenda Stutte](#) (516-5897) if you have any questions.

### **Economic development vice president brings focus to fourth mission**

Excerpted from [Spectrum](#) (University of Missouri System newsletter)  
Volume 32, No. 6, December 2005

With the appointment of Vice President for Research and Economic Development John Gardner, the University of Missouri is bringing focus to its economic development mission.

Established in October 2005, the Office of Research and Economic Development links research from the four University of Missouri campuses with emerging and existing firms across the state and around the world.

While the University recently added economic development as its fourth mission – in addition to teaching, research and service – Gardner suggests the University has always been involved in economic development through the education of future generations.

"Today, the University's growth and influence in the market of discovery suggest we also are obligated to create new ways for our ideas to reach the public," Gardner said.

Working closely with the chief research officers and chancellors from each campus, the office also serves as a conduit to local, state and federal agencies to ensure research results aid the growth of the new Missouri economy.

The founding principles of the office are to enhance the relevancy and local impact of (MU) through:

- o Emphasizing a culture of entrepreneurship for the benefit of graduates, faculty, staff, campus communities and state.
- o Improving institutional support for economic development by strengthening and giving voice to the economic development mission, in addition to enhancing old and creating new policies that respect the integrity of the teaching, research, and service missions of the University.
- o Leading the stewardship of university assets, including intellectual and real properties, for the benefit of Missouri's economy.

"Few realize the scope and impact of higher education in today's economy," Gardner said. "The University of Missouri is – and makes – big business in Missouri."

Today's major universities are the country's economic engine, Gardner notes, and the University of Missouri is no exception. With more than 23,000 employees and \$2.1 billion in annual revenues, the University has a substantial direct impact on the state's economy.

... For more information, visit [www.umsystem.edu/ums/departments/ed](http://www.umsystem.edu/ums/departments/ed). \*

## Work begins on Express Scripts' new headquarters at UMSL

From St. Louis Business Journal

Published: December 9, 2005



Site work has begun for [Express Scripts'](#) new headquarters on the campus of the [University of Missouri-St. Louis](#). O'Fallon, Mo.-based [Kuesel Excavating Co.](#) is the excavator on the project being developed by [NorthPark Partners](#) ESI, a partnership between [Clayco Properties](#) and [McEagle](#).

A 320,000-square-foot building will house 1,100 Express Scripts employees with room for expansion. A foundation for the facility is expected to be poured in mid-December.

The general contractor is a joint venture between Clayco and [Paric](#). St. Louis-based subcontractors on the project include [Murphy Mechanical Co.](#), which is doing mechanical and plumbing work; [Sachs Electric Co.](#), which is doing the electrical; [Stock and Associates](#), which is the engineer; and [Christner Inc.](#), which is the architect.

## UMSL criminologist receives national award

From UM-St. Louis Media Services

Released: December 9, 2005

Robert J. Bursik Jr., Curators' Professor of Criminology and Criminal Justice at the University of Missouri-St. Louis, has received the 2005 Herbert Bloch Award from the American Society of Criminology.

The award, established in 1961, recognizes outstanding contributions to the field of criminology. Bursik is a fellow of the American Society of Criminology and previously served two terms as editor of the organization's flagship journal, *Criminology*.

Bursik's research generally focuses on the relationship between neighborhood dynamics and crime rates.

He also has examined self-control and crime, offense specialization and the statistical modeling of crime trends. \*

## "Post-Ironic Lull" art show opening draws crowd

On Dec. 2 and 3, a group of professional artists and one history professor from UM-St. Louis celebrated and illustrated the cultural and intellectual period that has quietly taken shape since the death of postmodernism, dubbed the "Post-Ironic Lull."

Following the ideas laid out by Kang in his recent essay, "The Death of the Postmodern and the Post-Ironic Lull," the artists fashioned a multimedia art show associated with the new era. They held their opening reception Dec. 2, drawing hundreds of enthusiasts, and a panel discussion on the concept behind the "Post-Ironic Lull" on Dec. 3.

"The remarkably well-attended reception ... was a success way beyond the expectations of the organizers, as was the panel discussion on the following day," said Kang. "Considering the lively nature of debates that ensued on the state of contemporary art, the intellectual scene following the demise of postmodernism, and the place of St. Louis in the cultural map of the nation, the ideas presented at the event are likely to make a significant impact on both the artistic and

academic worlds. I feel that the most important achievement of the post-ironic lull show was to provide a new language with which to ponder the very period we are living in, with all of its uncertainties and possibilities."

View [photos](#) of the reception by Dan Younger, Associate Professor and Chairperson of the Department of Art and Art History ([http://www.umsl.edu/%7Edyounger/lull-web/index\\_7.htm#93](http://www.umsl.edu/%7Edyounger/lull-web/index_7.htm#93)). See "Faculty Spotlight," December 2005 Spirit of Innovation newsletter for more information on the "Post-Ironic Lull." ([http://www.umsl.edu/services/ora/about/ORAnews\\_1205\\_Spotlight.html](http://www.umsl.edu/services/ora/about/ORAnews_1205_Spotlight.html))



*"Post-Ironic Lull" art show opening reception, Dec. 2. Photo by Dan Younger.*

### **More research needed on nanotechnology risks**

Excerpted from Albany Business Journal  
Published: December 12, 2005

Over the next 10 years, nanotechnology will grow into a \$1 trillion industry, the National Science Foundation predicts.

This brave new world of re-engineering matter on an ultra-small scale will produce dramatic advances in electronics, health care, manufacturing and alternative energy, experts say.

They warn, however, that nanotechnology's potential may not be realized unless the federal government spends more on research into the new technology's environmental, health and safety risks.

Scientists, for example, still have a lot to learn about how nanomaterials will impact respiratory systems if inhaled and whether damage could spread to other organs. The long-term effects of nanotechnology products on the environment also are unclear.

"Many corporate executives and venture capitalists have told us that they are scaling back their nanotechnology programs until they can address environmental, health and safety issues with more confidence," said Matthew Nordan, vice president of research with New York-based Lux Research.

Meanwhile, university labs and the world's 1,200 nanotech startups are making "many of the most interesting discoveries relating to new nanoscale materials," said Krishna Doraiswamy, research planning manager for DuPont.

"These entities may lack the experience, resources and funding needed to adequately address the fundamental safety, health and environmental questions," he said.

Plus, Nordan said, venture capital-funded startups "face financial incentives to bury or disregard" nanotech risks "if they threaten to compromise the company's near-term valuation or likelihood of an exit."

That is why the federal government needs to double or even quadruple its spending on nanotech risk research, he said.

The federal government plans to fund more than \$1 billion in nanotech R&D this year, but only \$39 million is slated for research into the technology's potential problems.

Increasing the safety research budget to at least \$100 million "is a modest investment compared to the benefits of risk avoidance" and nanotechnology's economic impact, said Richard Dennison, senior scientist at Environmental Defense, a New York-based advocacy group.

It's an issue worth exploring, said Alain Kaloyeros, vice president and chief administrative officer of the state University at Albany's College of Nanoscale Science and Engineering.

"The potential health and safety impact of nanoparticles is important and should be fully assessed," he said. "Although the UAlbany nanocollege and its Albany NanoTech complex conduct research on nanochips and not nanoparticles, we strongly believe that increasing the federal safety research budget to \$100 million is a critical investment worth making."

That's the position of the chairman of the House Science Committee.

"This is the time to act," said Rep. Sherwood Boehlert (R-N.Y.) "before we cause problems" and "when there is consensus among government, industry and environmentalists."

It's an issue that has been on the minds of some start-up companies in the Capital Region

"I think increasing government spending to understand the health impacts of any new technology is a good idea," said Eric Burnett, CEO of Applied NanoWorks Inc., a Watervliet manufacturer of nanoparticles used in coatings. "It can only help users and manufacturers alike."

Burnett noted that companies have made efforts to minimize potential negative effects of nanotechnology.

"Our materials are already suspended in liquid," he said as an example. "What that does is eliminate the concern over inhalation of [nanoparticles in] powders." ... \*

### **Poll: 2/3 of Mo. voters support stem cell initiative**

From St. Louis Business Journal  
Published: December 20, 2005

A statewide poll recently found more than two-thirds of voters in Missouri are in favor of the Stem Cell Research and Cures Initiative.

The initiative is a proposed state constitutional amendment designed to ensure that any stem cell research permitted under federal law will be allowed in Missouri. The poll found that 68 percent of Missourians voted in favor and about 30 percent voted against.

The poll was designed and overseen by Republican pollster Fred Steeper and Market Strategies, a national polling firm.

Several organizations have voiced their support of the Missouri initiative. Most recently, the Alliance for Stem Cell Research, a national nonprofit working to advance the field of stem cell research, announced its support. \*

### **"Entrepreneurial Universities and Technology Transfer: A Conceptual Framework for Understanding Knowledge-Based Economic Development"**

From The Journal of Technology Transfer  
Volume 31, No. 1 (January 2006, pages 175-188)  
By Janet Bercovitz, College of Business, University of Illinois at Urbana-Champaign; and Maryann Feldman, School of Management, University of Toronto

#### **ABSTRACT**

This paper offers a framework to illuminate the role of universities in systems of innovation. The framework attempts to incorporate economic, social, and political influences that affect the ability of universities to both create new knowledge and deploy that knowledge in economically useful ways and

thereby contribute to economic growth and prosperity. The objective of this paper is to build a more general understanding of university–industry relationships and their role in knowledge-based innovation systems. [Download full text](http://www.springerlink.com/media/34uuvpuytn3rmahruj3y/contributions/7/5/8/5/7585201842p72634.pdf) (PDF) at <http://www.springerlink.com/media/34uuvpuytn3rmahruj3y/contributions/7/5/8/5/7585201842p72634.pdf>. \*

#### **AUTM licensing survey for FY2004**

**PDF of FY 2004 U.S. Licensing Survey Summary** (1.3 MB) at <http://www.autm.net/events/File/FY04%20Licensing%20Survey/04AUTMLicSrvySmry-US.pdf>.

For the first time, the 2004 survey asked respondents to provide details about the types of invention disclosures and patent application filed as well as initial funding for new startup companies. This final topic should be of interest to policy makers because it provides some of the best data yet obtained about funding in the very earliest, highest-risk stages of bringing innovation to the public.

“The data shows that professors who want to bring their research results to the public forum turn most commonly to their own friends and family for initial funding,” Stevens says. “Overall, individuals, including angel investors, provide initial funding for nearly 50 percent of university startup companies; institutional sources such as venture capital, corporate partnerships, and university and state funds provided initial funding for only 43 percent.”

... Highlights of the fiscal year 2004 U.S. Licensing Survey Summary include:

- Research funding at U.S. institutions is up 7.1 percent compared with fiscal year 2003, and staffing levels are up 4.9 percent to an average 4.3 licensing FTEs per office.
- Invention disclosures among U.S. institutions increase to 16,871, up 8.8 percent from fiscal year 2003, while patents issued decrease 6.4 percent to 3,680.
- U.S. institutions execute nearly 4,800 new licenses or options, up 6.1 percent from fiscal year 2003, and more than two-thirds are with newly formed or existing small companies.
- In 2004 alone, 462 new companies based on academic discovery begin operations in North America; 74.5 percent are in the originating institution’s home state/province.
- Institutions responding to the survey report introducing 3,114 new products to the marketplace since 1998. \*

-- end --