

# Spirit of INNOVATION

Research, Creativity and Commercialization News

OFFICE OF RESEARCH ADMINISTRATION NEWSLETTER March 2006 (Volume V, No. 9)

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)).

## RECENT AWARDS

### EXTERNALLY FUNDED AWARDS, JANUARY 2006

**Marvin Berkowitz**, Educational Psychology, awarded \$66,021 for "A Proposal for the Social & Character Development (SACD)" by the Mathematica Policy Research, Inc.

**Charles Chui**, Mathematics & Computer Science, awarded \$84,896 for "Wavelet approach to data analysis, manipulation, compression, and communication" by the Army Research Office.

**Scott Decker**, Criminology & Criminal Justice, awarded \$30,130 for "FY 2003 Project Safe Neighborhoods" by the City of St. Louis Missouri Metro Police Department.

**Gwendolyn Deloach-Packnett**, Multi-Cultural Relations, awarded \$42,000 for "MO AMP: Louis Stokes MO Alliance Minority Participation" by the National Science Foundation.

**Alexei Demchenko**, Chemistry, awarded \$132,000 for "CAREER: Stereoscontrolled synthesis of 1,2-cis glycosides" by the National Science Foundation.

**Alexei Demchenko**, Chemistry, awarded \$71,500 for "Synthesis and evaluation of novel Lipid-A derivatives" by the American Heart Association.

**Thomas F. George**, Special Units Chancellor, awarded \$90,000 for "Diamond-Like and Self-Assembling Organic Nanostructures: Measurement and Simulation of Intermolecular Interactions and Structural Characteristics" by the Army Research Office.

**Joel Glassman**, Center for International Studies, awarded \$5,000 for "Coordination of MAUI-Utrecht Network Student Exchange Program= AY 2001-02" by the Mid-America University International.

**Charles Granger**, Biology, awarded \$28,000 for "Missouri Regional Junior Science, Engineering and Humanities Symposium" by the Academy of Applied Science.

**Alan Hauff**, Continuing Education & Outreach, awarded \$55,383 for "Missouri Small Business Assistance Center at the University of Missouri-St. Louis" by the US Small Business Administration.

**Janet Lauritsen**, Criminology & Criminal Justice, awarded \$20,000 for "American Statistical Association Proposal" by the American Statistical Association.

**Terrance James Taylor**, Criminology & Criminal Justice, awarded \$16,477 for "Using the National Incident-Based Reporting System to Examine the Extent to Which Police Clearance Rates of Violent Offenses Vary by Victim Race" by the American Statistical Association.

**Erwin Wong**, College of Optometry, awarded \$102,739 for "Extrastriate Visual Cortex Deficits in Amblyopia" by the National Eye Institute.

**Total: \$744,146**

### UM-ST. LOUIS RESEARCH AWARDS, FEBRUARY 2006

**Steven Bruce**, Psychology, awarded \$11,985 for "Psychological Impact of the Justice System's Response to Sexual Violence in Women"

**Joseph Carroll**, English, awarded \$6,471 for "Graphing Jane Austen: Toward a New Humanities"

**Cynthia Dupureur and Christopher Spilling**, Chemistry and Biochemistry, awarded \$11,750 for "Diabetes Drug Discovery"

**Baorong Guo**, School of Social Work, awarded \$7,765 for "Effects of Household Assets on Material Hardships among Welfare Leavers"

**Martin Pelikan**, Mathematics and Computer Science, awarded \$6,471 for "Design and Application of Scalable Hierarchical Optimization Algorithms"

**Nancy Robb Singer**, English & Education, awarded \$6,966 for "Research Initiatives Through the National Writing Project"

**William Rogers**, Economics, awarded \$5,400 for "Is Private Zoning a Substitute to Public Zoning?"

**Steven Rowan**, History, awarded \$6,471 for "Baron Friedrich von Egloffstein"

**Uma Segal**, School of Social Work, awarded \$9,110 for "Health & mental health needs of immigrant children in poverty"

**Laura Westhoff**, History and Teaching and Learning, awarded \$9,733 for "Educating for Activism"

**Eric Wiland**, Philosophy, awarded \$6,471 for "The Ethics of Terror and Torture"

**Richard Wright**, Criminology and Criminal Justice, awarded \$11,250 for "A Comparative Study of Middle and Lower Class Drug Dealers"

**Total: \$99,843**

---

## FUNDING OPPORTUNITIES

### **NEW ANNOUNCEMENTS: Government Agencies**

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

- Enhancing Pandemic Influenza Response in Tanzania Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8104>
- Inter-Agency Emergency Plan - Annual Program Statement - USG Mission to South Africa Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8071>
- Post-Earthquake Health Recovery Program Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8008>
- Proposed USAID/OFDA Kabul Area Shelter Project Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8013>
- USAID/Angola Agricultural Development and Finance Program Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7989>

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

- "HIV Prevention Intervention Research with HIV-Positive Incarcerated Populations Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8148>
- Antimicrobial Resistance <http://www.grants.gov/search/search.do?mode=VIEW&oppld=7822>
- Capacity-Building Assistance to Improve the Delivery and Effectiveness of Human Immunodeficiency Virus (HIV) Prevention Interventions for Individuals with Known HIV-Positive Serostatus and Their Partners Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8108>
- Cost and Effectiveness of Pertussis Vaccination Among Healthcare Workers Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7966>
- Costs to Private Provider Participation in Immunization Information Systems (IIS) Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8037>
- Development and Testing of New Medications for Treatment of Emerging Infectious Diseases Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7825>
- Formative Internet-Based Intervention Research to Improve Health and Reduce HIV Transmission Among HIV Positive Persons Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8139>
- Grants for Injury Control Research Centers Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8043>
- Identifying Ground-Breaking Behavioral Interventions to Prevent Human Immunodeficiency Virus (HIV) Transmission in High-Risk Groups Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8140>
- Infections Sentinel Networks Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=7841>
- Intervention Research Grants to Promote the Health of People with Disabilities Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7978>

- Opt-Out HIV Testing in Emergency Department Settings Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8138>
- Parental Factors Related to Children Missing Scheduled Immunization Visits Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8036>
- Perinatal HIV Case Management Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8107>
- Prevention of Airborne Infections in Occupational Settings Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8012>
- Reducing Sexual Risk for HIV Acquisition and Transmission Among African American and Latino Men Who Have Sex With Men Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8141>
- Reducing Sexual Risk for HIV Acquisition and Transmission among Methamphetamine-Using Men who have Sex with Men who are Not Currently in Substance Abuse Treatment Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8038>
- Research to Evaluate an Effective Community-Level Intervention Adapted for Black Men Who Have Sex With Men Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8147>
- Strategies for Identifying At-Risk African American Men Who Have Sex With Men (MSM) Who Are Unaware of Their HIV Status Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8143>
- Support and Resources Needed for Universal Childhood Influenza Vaccination: Providers' Perspective Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8066>
- Urban Partnership Academic Centers of Excellence (U-PACE) Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7805>
- Use of Respondent-Driven Sampling to Reach Bi-Sexually Active Men Who Have Sex With Men (MSM) Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8142>
- Using Immunization Information Systems to Increase Childhood Immunization Coverage Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8034>

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

- Food and Agricultural Sciences National Needs Graduate and Postdoctoral Fellowship Grants Program Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8047>
- Inviting Applications for the Technical Assistance for Specialty Crops Program Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7869>
- National Integrated Water Quality Program Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7889>
- National Integrated Water Quality Program-Conservation Effects Assessment Project (CEAP) Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7888>
- Wetlands Reserve Enhancement Program (WREP) Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7796>
- Youth Farm Safety Education and Certification Program Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8031>

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

- FFO Announcement for Economic Development Assistance Programs authorized by the Public Works and Economic Development Act of 1965, as amended, Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8123>
- Minority Business Opportunity Center (MBOC) Program (Baton Rouge/New Orleans, Louisiana) Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7923>
- Pan-Pacific Education and Communications Experiments by Satellite (PEACESAT) Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7993>

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

- ARMAMENT TECHNOLOGY BROAD AGENCY ANNOUNCEMENT (BAA) Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7999>
- Breast Cancer Research Program (BCRP) Center of Excellence (COE)  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8073>
- Breast Cancer Research Program (BCRP) Clinical Translational Research Award (CTR) Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8075>
- Breast Cancer Research Program (BCRP) Era of Hope Postdoctoral Award Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8076>
- Breast Cancer Research Program (BCRP) Era of Hope Scholar Award Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8077>
- Breast Cancer Research Program (BCRP) IDEA Award Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8080>

- Breast Cancer Research Program (BCRP) Multidisciplinary Postdoctoral Award Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8081>
- Breast Cancer Research Program (BCRP) Predoctoral Traineeship Award Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8082>
- Breast Cancer Research Program (BCRP) Synergistic Idea Award Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8083>
- Broad Agency Announcement for Advanced Tactical Vehicles for Battlefield Airman and Security Forces Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8006>
- Broad Agency Announcement for Tactical Network Systems Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8005>
- Chronic Myelogenous Leukemia Research Program (CMLRP) Exploration – Hypothesis Development Award (EHDA) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8040>
- Chronic Myelogenous Leukemia Research Program (CMLRP) New Investigator Award (NIA) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8041>
- DCI Postdoctoral Research Fellowship Program <http://www.grants.gov/search/search.do?mode=VIEW&oppld=7928>
- Defense Sciences Research and Technology Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8019>
- Efficient Mid-wave Infrared Lasers <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8167>
- Information Theory for Mobile Ad-Hoc Networks (ITMANET) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=7854>
- Neurofibromatosis Research Program (NFRP) Clinical Trial Award Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=7846>
- Neurofibromatosis Research Program (NFRP) Concept Award Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=7847>
- Neurofibromatosis Research Program (NFRP) New Investigator Award Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=7824>
- Neurofibromatosis Research Program (NFRP) NF Consortium Award Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=7965>
- Neurofibromatosis Research Program (NFRP) Resource Development Award Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=7848>
- Neurofibromatosis Research Program (NFRP) Therapeutic Development Award Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=7849>
- Peer Reviewed Medical Research Program (PRMRP) Supplement to the US Army Medical Research and Materiel Command Current Broad Agency Announcement Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=7997>
- Prostate Cancer Research Program (PCRP) Clinical Consortium Award Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8062>
- Prostate Cancer Research Program (PCRP) Clinical Trial Award Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8063>
- Prostate Cancer Research Program (PCRP) Collaborative Undergraduate HBCU Student Summer Training Program Award Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=7904>
- Prostate Cancer Research Program (PCRP) Exploration – Hypothesis Development Award (EHD) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=7902>
- Prostate Cancer Research Program (PCRP) Health Disparity Research Award Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=7804>
- Prostate Cancer Research Program (PCRP) Health Disparity Training – Prostate Scholar Award Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=7850>
- Prostate Cancer Research Program (PCRP) Idea Development Award Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=7851>
- Prostate Cancer Research Program (PCRP) New Investigator Award Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=7853>
- Prostate Cancer Research Program (PCRP) Physician Research Training Award Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=7903>
- Prostate Cancer Research Program (PCRP) Prostate Cancer Training Award Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=7900>
- Revolutionary Guidance and Ordnance Technology Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8002>
- Spoken Language Communication and Translation Systems for Tactical Use (TRANSTAC) Program Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=7886>
- Strategically Hardened Facility Defeat Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=7986>

- Tactical Capabilities for Battlefield Airman and Security Forces Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8003>
- Tuberos Sclerosis Complex Research Program (TSCR) Clinical Resource Development Award Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7987>
- Tuberos Sclerosis Complex Research Program (TSCR) Concept Award Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7845>
- Tuberos Sclerosis Complex Research Program (TSCR) Idea Development Award Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7816>

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

- Alcohol and other drug prevention models on college campuses Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7941>
- Arts in Education Model Development and Dissemination Program Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7893>
- Congressional Academies for Students of American History and Civics Program Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7895>
- Early Childhood Educator Professional Development Program Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7835>
- Personnel Preparation to Improve Services and Results for Children With Disabilities Program Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7944>
- Training Program for Federal TRIO Programs  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7865>
- TRANSITION TO TEACHING GRANT PROGRAM <http://www.ed.gov/programs/transitionteach/index.html>

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

- ADVANCED DIAGNOSTICS AND IMAGING (Low Permeability Gas Formations) Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8032>
- Area of Interest 1: Electronics <http://www.grants.gov/search/search.do?mode=VIEW&oppld=7697>
- Area of Interest 2: Drilling Technologies  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7698>
- BAA 2007 Nuclear Explosion Monitoring Research Engineering (NEM R E) Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7843>
- Commercial Demonstration of an Integrated Biorefinery System for Production of Liquid Transportation Biofuels, Biobased Chemicals, Substitutes for Petroleum-based Feedstocks and Products, and Biomass-based Heat/Power Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8124>
- Enhanced Oil and Natural Gas Production through Carbon Dioxide Injection Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7838>
- Genomics: GTL Facility for the Production and Characterization of Proteins and Molecular Tags Modification 2 <http://www.grants.gov/search/search.do?mode=VIEW&oppld=7555>
- High Temperature, High Pressure Drilling Program Master Announcement  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7696>
- Low Dose Radiation Research Program - Basic Biology Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7817>
- Methane Hydrates Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8149>
- Nonproliferation R D for Proliferation Detection Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7980>
- Research and Development of Fuel Cell Technology for the Hydrogen Economy  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7740>
- Terrestrial Carbon Processes Research Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7881>
- University Crystalline Silicon Photovoltaics Research and Development Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7810>

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

- Child Health Research Career Development Award (K12) Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8057>
- Clinical Proteomic Technology Assessment for Cancer (U24) Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7914>
- Genome-Wide Association Studies to Identify Genetic Components that Relate to Heart, Lung, and Blood Disorders (R01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8058>

- Midcareer Investigator Award in Mouse Pathobiology Research (K26) Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8159>
- Nanostructured Dental Composite Restorative Materials (R21) Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8079>
- Oral Health Research Education Grants (R25) Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8160>
- Preclinical Therapeutics Development for NeuroAIDS (R03) Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8056>
- Preclinical Therapeutics Development for NeuroAIDS (R21) Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8055>
- Small Animal Imaging Resource Program (U24) Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7981>

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

- 2006 State Court Processing Statistics Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8106>
- NIJ FY06 Evaluation of Technologies <http://www.grants.gov/search/search.do?mode=VIEW&oppld=2321>
- NIJ Process and Outcome Evaluation of G.R.E.A.T. Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7908>
- Office of Juvenile Justice Delinquency Prevention, FY 2006 Evaluation of Mentoring Initiative for System Involved Youth Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8116>
- Office of Juvenile Justice Delinquency Prevention, FY 2006 Mentoring for System Involved Youth Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8115>
- Office of Juvenile Justice Delinquency Prevention, FY 2006 Training and Technical Assistance Program for Mentoring Initiative for System Involved Youth Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8023>

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

- Teachers of Critical Languages Program Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8134>

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

- National Earthquake Hazards Reduction Program Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8158>
- North American Wetlands Conservation Act Small Grants Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7818>

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

- Discretionary Cooperative Agreement to Study Mechanisms Underlying Risk Assessment Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7868>
- National Bicycle and Pedestrian Clearinghouse Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7936>

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

- Collaborative Science And Technology Network For Sustainability Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8024>
- Collaborative Science and Technology Network For Sustainability Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8022>
- COMMUNITY ACTION FOR A RENEWED ENVIRONMENT (CARE) PROGRAM  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7974>
- ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING COOPERATIVE AGREEMENT PROGRAM  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7864>
- ENVIRONMENTAL JUSTICE SMALL GRANTS PROGRAM  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7862>
- EPA Region 7, Watershed Improvement Grant Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7955>
- Healthy Communities Grant Program <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8151>
- Methodological Advances in Benefit Transfer Methods Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7975>
- Monitoring, Data Management, and Special Studies - South Florida Geographic Initiative, Water Quality Protection Program for the Florida Keys National Marine Sanctuary, and the Southeast Florida Coral Reef

Initiative/Land-Based Sources of Pollution Grant

<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8009>

- Solid Waste Management Assistance Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7940>
- Source Reduction Assistance Grants Program Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7828>

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

- Collaborative Office Rounds (COR) <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8118>
- Integrated Health and Behavioral Health Care for Children, Adolescents and their Families, Implementation Grants <http://www.grants.gov/search/search.do?mode=VIEW&oppld=7819>
- National Maternal and Child Health Data Resource Center  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8086>

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

- ANNOUNCEMENT OF OPPORTUNITY: DISCOVERY PROGRAM 2006 AND MISSIONS OF OPPORTUNITY  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7354>
- GROUND-BASED STUDIES IN RADIATION BIOLOGY Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8120>

#### **National Archives and Records Administration (NARA)**

- Publishing Historical Records <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8078>
- Archival and Records Project Grants <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8084>

#### **National Council on Disability (NCD)**

- Improving Educational Outcomes for Students with Disabilities Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7798>

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

- ACCESS TO ARTISTIC EXCELLENCE <http://www.grants.gov/search/search.do?mode=VIEW&oppld=7554>

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

- CHALLENGE GRANTS PROGRAM <http://www.neh.gov/grants/guidelines/challenge.html>
- FELLOWSHIPS <http://www.neh.gov/grants/guidelines/fellowships.html>

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

- Exploratory Grants for Increasing the Utilization and Impact of the National Cancer Institute's Cancer Information Service (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=7842>
- Tumor Microenvironment Network (TMEN) (U54) Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7836>
- Phase II Comprehensive ICOHRTA-AIDS/TB (U2R) Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8113>

#### **SBIR/STTR Opportunities**

- NIAID Advanced Technology SBIR (NIAID-AT-SBIR [R43/R44]) Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7861>
- NIAID Advanced Technology STTR (NIAID-AT-STTR [R41/R42]) Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7863>

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

- Advanced Learning Technologies (ALT) <http://www.grants.gov/search/search.do?mode=VIEW&oppld=7927>
- Broadening Participation in Computing (BPC) Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8085>
- Course, Curriculum, and Laboratory Improvement (CCLI) Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7953>
- Interdisciplinary Training for Undergraduates in Biological and Mathematical Sciences (UBM) Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8103>
- International Polar Year (IPY) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=7837>
- INTERNATIONAL RESEARCH AND EDUCATION: PLANNING VISITS AND WORKSHOPS  
[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=12815](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12815)
- Math and Science Partnership (MSP) Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8054>

- MATHEMATICAL SOCIAL AND BEHAVIORAL SCIENCES [MSBS]  
[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=11683](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11683)
- Nanotechnology Undergraduate Education (NUE) Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8052>
- NSF SCHOLARSHIPS IN SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS [S-STEM]  
[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5257](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5257)
- Research and Evaluation on Education in Science and Engineering (REESE) Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8010>
- ROBERT NOYCE SCHOLARSHIP PROGRAM [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5733](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5733)

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

- Cooperative Agreements For HIV/AIDS Related Mental Health Services In Minority Communities Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7918>
- Drug Free Communities Support Program Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8090>
- Recovery Community Services Program - RCSP Grant  
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=7855>
- Treatment for Homeless Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=7898>

#### **NEW ANNOUNCEMENTS: Foundations & Other**

##### **AMERICAN NURSES FOUNDATION**

- NURSING RESEARCH GRANTS PROGRAM  
<http://www.nursingworld.org/anf/nrggrant.htm>  
**DUE:** MAY 1  
**WRITE:** American Nurses Foundation  
ATTN: NRG06 8515 Georgia Ave., Suite 400  
Silver Spring, MD 20910-3492  
**E-MAIL:** [anf@ana.org](mailto:anf@ana.org)  
**PHONE:** 301/628-5229  
**FAX:** 301/628-5354

The purpose of the American Nurses Foundation (ANF) Nursing Research Grants Program is to encourage the research career development of all nurses. Each year, the program provides funds to beginner and experienced nurse researchers to conduct studies that contribute toward the advancement of nursing science and the enhancement of patient care. Awards are given in all areas of nursing, including healthy patient outcomes, health care policy development, critical care, gerontology, women's health, community and family intervention.

**ELIGIBILITY:** In all award categories, the principal investigator must be a licensed registered nurse who has obtained at least one degree, either a baccalaureate degree or higher, in nursing. Beginning and experienced nurse researchers are encouraged to apply.

**FUNDING:** Grants have ranged from \$3,500 to \$20,000.

##### **COUNCIL FOR INTERNATIONAL EXCHANGE OF SCHOLARS**

- FULBRIGHT SENIOR SPECIALISTS PROGRAM  
<http://www.iie.org/cies/specialists/>  
**DUE:** anytime  
**WRITE:** Council for International Exchange of Scholars  
3007 Tilden Street, NW Suite 5L  
Washington, DC 20008-3009  
**E-MAIL:** [rhathaway@cies.iie.org](mailto:rhathaway@cies.iie.org)  
**PHONE:** 202/686-4026

The Fulbright Senior Specialists Program is designed to provide short-term academic opportunities (two to six weeks) for U.S. faculty and professionals. Shorter grant lengths give specialists greater flexibility to pursue a grant that works best with their current academic or professional commitments. Specialists roster candidates are limited to one Specialists grant per calendar year. Applications for the Fulbright Senior Specialists Program are accepted on a rolling basis, and peer review of applications is conducted eight times per year. Program Goals: (a) to increase the participation of leading U.S. scholars and professionals in Fulbright academic exchanges; (b) to encourage new activities that go beyond the traditional Fulbright activities of lecturing and research; (c) to promote increased connections between U.S. and non-U.S. post-secondary academic institutions.

**FUNDING:** Grant benefits include international economy fare travel and approved related expenses plus a \$200 per day honorarium. The honorarium is payable upon completion of the grant and submission of an online final report and travel expense report. Host institutions normally cover in-country per diem costs for lodging, meals and transportation.

**CAMILLE AND HENRY DREYFUS FOUNDATION, INC.**

- NEW FACULTY AWARD PROGRAM

<http://www.dreyfus.org/nf.shtml>

**DUE:** MAY 11, nominations

**WRITE:** The Camille and Henry Dreyfus Foundation, Inc.

555 Madison Avenue, 20th Floor

New York, NY 10022

**E-MAIL:** [admin@dreyfus.org](mailto:admin@dreyfus.org)

**PHONE:** 212/753-1760

The Camille and Henry Dreyfus Foundation seeks to support the scholarly activity of new faculty with an award designed to help initiate their independent research programs. The New Faculty Award provides an unrestricted research grant of \$50,000 that is generally made before the new faculty members formally begin their first tenure-track appointment, and is based on institutional nomination.

**ELIGIBILITY:** The New Faculty Award Program is open to all academic institutions in the States, Districts, and Territories of the United States of America that grant a doctoral degree in chemistry, biochemistry, or chemical engineering. Faculty members who start their first tenure-track appointment in one of these departments in 2006 are eligible for nomination in 2006.

**FUNDING:** The New Faculty Award Program provides a \$50,000 unrestricted research grant. Funds are normally expended over a period of five years.

- START-UP AWARD PROGRAM

<http://www.dreyfus.org/su.shtml>

**DUE:** MAY 11, nominations

**WRITE:** The Camille and Henry Dreyfus Foundation, Inc.

555 Madison Avenue, 20th Floor

New York, NY 10022

**E-MAIL:** [admin@dreyfus.org](mailto:admin@dreyfus.org)

**PHONE:** 212/753-1760

The Camille and Henry Dreyfus Foundation seeks to support the scholarly activity of new faculty at primarily undergraduate institutions with a Start-up Award designed to help initiate their independent research programs. The award provides an unrestricted research grant of \$30,000 that is generally made before the new faculty members formally begin their first tenure-track appointments.

**ELIGIBILITY:** The Start-up Award Program is open to all academic institutions in the States, Districts, and Territories of the United States of America that DO NOT grant a doctoral degree in chemistry, biochemistry or chemical engineering. Faculty members who start their first tenure-track appointment in one of these departments in 2006 are eligible for nomination in 2006.

**FUNDING:** The Start-up Award Program provides a \$30,000 unrestricted research grant. Funds are normally expended over a period of five years.

- POSTDOCTORAL PROGRAM IN ENVIRONMENTAL CHEMISTRY

<http://www.dreyfus.org/ep.shtml>

**DUE:** MAY 25

**WRITE:** The Camille and Henry Dreyfus Foundation, Inc.

555 Madison Avenue, 20th Floor

New York, NY 10022

**E-MAIL:** [admin@dreyfus.org](mailto:admin@dreyfus.org)

**PHONE:** 212/753-1760

The Camille and Henry Dreyfus Foundation seeks to further the development of scientific leadership in the field of environmental chemistry with a postdoctoral fellowship program. The spirit of this program is for research leaders in environmental chemistry, after notification of the award, to recruit excellent young Ph.D. graduates from the fields of physical, organic, inorganic, biological chemistry or associated fields in chemical engineering, and provide them with the highest caliber of research experience and education in environmental science.

**ELIGIBILITY:** The program is open to all academic and other not-for-profit organizations that have well-established research efforts in environmental science or engineering in the States, Districts, and Territories of the United States of America.

**FUNDING:** Each two-year award of \$120,000 carries an annual stipend of \$45,000 for direct support of the postdoctoral Fellow.

#### **HUDSON RIVER FOUNDATION**

- GRADUATE FELLOWSHIPS  
[http://www.hudsonriver.org/graduate\\_fellow.htm](http://www.hudsonriver.org/graduate_fellow.htm)

**DUE:** APR 20

**WRITE:** Hudson River Foundation  
17 Battery Place Suite 915  
New York, NY 10004

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

**PHONE:** 212/483-7667

**FAX:** 212/924-8325

In 2006, the Foundation will award up to four full-time research fellowships to advanced graduate students conducting research on the Hudson River system. Fellowships awarded to doctoral students will include a stipend of up to \$15,000 for one year, and an incidentals research budget of up to \$1,000. Fellowships awarded to master's level students will include a stipend of up to \$11,000 for one year, and an incidentals research budget of up to \$1,000. The student's home university will be expected to be the primary source of support for materials and expenses required to do the thesis research, and will also be expected to cover any indirect costs associated with the project. In special cases, applicants can apply for a 15-month fellowship in order to extend the proposed project through an additional summer.

#### **INSTITUTE OF MEDICINE**

- THE GUSTAV O. LIENHARD AWARD  
<http://www.iom.edu/CMS/28312/5010/5017.aspx>

**DUE:** MAY 1, nominations

**WRITE:** The Lienhard Award Committee  
c/o Susanne Stoiber Institute of Medicine  
500 Fifth Street, NW  
Washington, DC 20001

**E-MAIL:** [lienhard@nas.edu](mailto:lienhard@nas.edu)

**PHONE:** 202/334-2177

The Gustav O. Lienhard Award focuses on creative or pioneering efforts that have appreciably improved personal health services rather than on contributions to the science base of health care. To encourage consideration of the widest possible range of candidates, no eligibility limits are placed on the education or profession of individuals who may be nominated. Award recipients are selected on the basis of two principal criteria: (a) achievement in the area of personal health services; and (b) achievement of national scope. Additional selection criteria include: (1) innovative, creative, and pioneering achievement; (2) unique contributions by the nominee to that achievement; (3) positive change over a sustained period--not simply for the potential for such change--through the nominee's achievement; (4) a qualitative and quantitative impact; and (5) success in overcoming barriers, based on resources available.

**ELIGIBILITY:** Any individual or group may submit a nomination.

**FUNDING:** The award consists of a medal and \$25,000.

#### **W.M. KECK FOUNDATION**

- GRANTS FOR SCIENCE AND ENGINEERING, MEDICAL RESEARCH, LIBERAL ARTS  
<http://www.wmkeck.org/programs/index.html>

**DUE:** MAY 1 NOV 1

**WRITE:** W.M. Keck Foundation  
550 South Hope Street Suite 2500  
Los Angeles, CA 90071

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

**PHONE:** 213/680-3833

The W.M. Keck Foundation was founded with the goal of generating far-reaching benefits for humanity. Grantmaking is focused on five broad areas: (1) Science and Engineering Research; (2) Medical Research; (3) Undergraduate Science and Engineering; (4) Liberal Arts; and (5) Southern California Program. To make its grant determinations, the Foundation relies upon a

wide range of input, including the opinions of its professional staff, site visits (where appropriate), and a constant flow of current scientific, medical and other information, including presentations by experts in leading scientific, medical and health and human service fields.

**ELIGIBILITY:** Accredited four-year colleges and universities, medical schools, and major, independent scientific and medical research institutions are eligible to apply.

**FUNDING:** The average size and duration of grants varies by project and program area.

#### **NATHAN CUMMINGS FOUNDATION**

- GRANTS IN ARTS & CULTURE, ENVIRONMENT, HEALTH, AND JEWISH LIFE

<http://www.nathancummings.org/programs/index.html>

**DUE:** anytime

**WRITE:** Nathan Cummings Foundation

475 Tenth Avenue, Fourteenth Floor

New York, NY 10018

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

**PHONE:** 212/787-7300

**FAX:** 212/787-7377

The Foundation's core programs include arts and culture; the environment; health; interprogram initiatives for social and economic justice; and the Jewish life and values/contemplative practice programs. The Foundation seeks to work with partners in the public, private, and nonprofit sectors. The Foundation makes efforts to document the outcomes of its projects and share with others the results of its work and the work of its grantees. Several basic themes run through all of these programs and inform the Foundation's approach to grantmaking: (a) concern for the poor, disadvantaged, and underserved; (b) respect for diversity; (c) promotion of understanding across cultures; and (d) empowerment of communities in need.

**FUNDING:** For 2002, the Foundation's total grant budget was \$20,300,000 of which \$17,125,000 was for its core program areas. In 2001, the Foundation paid a total of \$19,035,700 in grants. Of this amount, \$16,898,720 was in the core program areas. Grants ranged in size up to \$780,000. Most grants are approved during two board meetings, in the spring and fall. All grant inquiries are acknowledged promptly.

#### **RESEARCH CORPORATION**

- RESEARCH OPPORTUNITY AWARDS

<http://www.rescorp.org/roa/roa.htm>

**DUE:** MAY 1 OCT 2

**WRITE:** Science Advancement Programs

Research Corporation

4703 E. Camp Lowell Drive, Suite 201

Tucson, AZ 85712

**E-MAIL:** [pmaguire@rescorp.org](mailto:pmaguire@rescorp.org)

**PHONE:** 520/571-1111

**FAX:** 520/571-1119

Research Opportunity Awards are for scientists of demonstrated productivity and creativity seeking to explore new areas of experimental research. The chair of each Ph.D.-granting astronomy, chemistry, or physics department in the United States and Canada may nominate up to two tenured faculty members annually who are without major research funding (<\$30,000 per year). Following internal review, proposals will be invited from selected nominees. CRITERIA: (a) Scientific significance and originality of the research; (b) Potential for enhancement of the applicant's career; (c) Evidence of support from the department and institution; (d) Candidate's past record and potential to mount and sustain a competitive research program; (e) Evidence of applicant's vigor and self-motivation.

**FUNDING:** Grants are up to \$50,000 with a one-for-two match from the institution or department up to \$25,000. Other external funds available to the applicant should not, in most instances, exceed \$30,000 per year.

- COTTRELL COLLEGE SCIENCE AWARDS

<http://www.rescorp.org/ccsa/ccsa.htm>

**DUE:** MAY 15 NOV 15, target dates

**WRITE:** Science Advancement Programs

Research Corporation

4703 E. Camp Lowell Drive, Suite 201

Tucson, AZ 85712

**E-MAIL:** [pamela@rescorp.org](mailto:pamela@rescorp.org)

**PHONE:** 520/571-1111

**FAX:** 520/571-1119

Support of significant research that contributes to the advancement of science and to the professional and scholarly development of faculty at undergraduate institutions along with their students.

**ELIGIBILITY:** The principal investigator must have a faculty appointment in a department of astronomy, chemistry, or physics that offers at least baccalaureate, but not doctoral, degrees. Preference is given to tenured or tenure-track faculty in all ranks. Under certain circumstances faculty who hold temporary appointments may also apply.

**FUNDING:** Cottrell College Science Awards, approved for one or two years, provide direct expenses for support of the proposed research. Awards average about \$35,000 and range between \$20,000 to \$45,000 depending on the needs of the project. Expenses can include equipment and supplies, student summer stipends up to \$3,500 for 10 weeks, faculty summer stipends up to \$7,500 for 8 weeks, travel costs to use uncommon research facilities not available on campus, and services or requirements essential to the research.

#### **WENNER-GREN FOUNDATION FOR ANTHROPOLOGICAL RESEARCH, INC.**

- INDIVIDUAL RESEARCH GRANTS PROGRAM

<http://www.wennergren.org/programsirg.asp>

**DUE:** MAY 1 NOV 1

**WRITE:** The Wenner-Gren Foundation for Anthropological Research, Inc.

470 Park Avenue South, 8th Floor

New York, NY 10016-6819

**E-MAIL:** [inquiries@wennergren.org](mailto:inquiries@wennergren.org)

**PHONE:** 212/683-5000

**FAX:** 212/683-9151

Grants for amounts up to \$25,000 for Dissertation Fieldwork and Post-PhD Grants and \$40,000 for Richard Carely Hunt Postdoctoral Fellowships are available for basic research in all branches of anthropology. Dissertation and Post-Ph.D. grants are made to seed innovative approaches and ideas, to cover specific expenses or phases of a project, and/or to encourage aid from other funding agencies. Richard Carley Hunt Postdoctoral Fellowships are given to aid the writeup of research results for publication. The foundation particularly invites projects employing comparative perspectives or integrating two or more subfields of anthropology. A small number of awards is available for projects designed to develop resources for anthropological research and scholarly exchange.

- HISTORICAL ARCHIVES

<http://www.wennergren.org/progpha.asp>

**DUE:** anytime

**WRITE:** The Wenner-Gren Foundation for Anthropological Research, Inc.

470 Park Avenue South, 8th Floor

New York, NY 10016-6819

**E-MAIL:** [inquiries@wennergren.org](mailto:inquiries@wennergren.org)

**PHONE:** 212/683-5000

**FAX:** 212/683-9151

The objective of this program is to encourage the preservation of unpublished records and other materials of value for research on the history of anthropology. Grants are offered for two purposes: (1) To assist individuals holding significant records and personal papers with the expenses of preparing and transferring them for archival deposit. Applicants must show evidence that arrangements have been made with an appropriate archival repository. (2) To aid oral-history interviews with senior anthropologists. A condition of awards is that copies of the audio or video record of interviews be deposited in the Foundation's archives. Applicants must present a proposal describing the significance of the subject for the history of anthropology, the topics to be covered, and the interviewer's qualifications.

**FUNDING:** Grants of up to \$15,000 are made.

- INTERNATIONAL SYMPOSIA

<http://www.wennergren.org/progisp.asp>

**DUE:** anytime

**WRITE:** The Wenner-Gren Foundation for Anthropological Research, Inc.

470 Park Avenue South, 8th Floor  
New York, NY 10016-6819  
**E-MAIL:** [inquiries@wennergren.org](mailto:inquiries@wennergren.org)  
**PHONE:** 212/683-5000  
**FAX:** 212/683-9151

Since its inception in 1941, the Wenner-Gren Foundation has convened more than 125 international symposia on pressing issues in anthropology. Wenner-Gren International Symposia recognize no boundaries-intellectual, national, or subdisciplinary. These symposia affirm the worth of anthropology and its capacity to address the nature of humankind from a wide variety of perspectives. They make new links to related disciplines, such as law, history, and ethnomusicology, and revivify old links, as between archaeology and sociocultural anthropology, for example. The landmark symposia from the 1950s, Anthropology Today and Man's Role in Changing the Face of the Earth, were models for the broad viewpoint and critical spirit animating Wenner-Gren International Symposia ever since. The recent symposium Anthropology Beyond Culture continued this tradition by judging the worth of the culture concept to analyze the world today.

#### **WOMEN'S RESEARCH AND EDUCATION INSTITUTE**

- CONGRESSIONAL FELLOWSHIPS  
<http://www.wrei.org/fellowships/index.htm>  
**DUE:** MAY 19  
**WRITE:** WREI Congressional Fellowship Program  
Women's Research and Education Institute  
1750 New York Ave., NW, Suite 350  
Washington, DC 20006  
**E-MAIL:** [wrei@wrei.org](mailto:wrei@wrei.org)  
**PHONE:** 202/628-0444  
**FAX:** 202/628-0458

WREI awards annual fellowships to a select number of graduate students with a proven commitment to equity for women. WREI Fellows gain practical policymaking experience and graduate credit as they work from January to August as Congressional legislative aides in Washington, D.C. Fellows receive stipends for tuition and living expenses.

**ELIGIBILITY:** Only students who are currently enrolled in a master's or doctoral program at an accredited institution in the United States or who have completed such a program within the past 18 months are eligible. WREI strongly recommends that applicants complete at least nine hours of graduate coursework before applying and have a demonstrated interest in research or political activity related to women's social and political status. Fellows are selected on the basis of academic competence as well as their demonstrated interest in the public policy process. They must be articulate and adaptable and have strong writing skills. WREI Fellows come from a wide range of academic fields, e.g., medicine, law, nursing, art, science, history, women's studies, and business administration. WREI seeks diversity in its fellowship program and welcomes qualified applicants of all ages, races, religions, sexual orientation, experience, and academic fields.

**FUNDING:** WREI Fellows receive a stipend of approximately \$1,300 per month for eight months of the academic year (January-August). An additional sum of \$500 is provided for the purchase of health insurance. WREI will also reimburse Fellows up to a maximum of \$1,500 (\$750 per semester) for the cost of 3 hours tuition at their home institutions (books and other non-tuition charges are NOT covered). Fellows are responsible for transportation to and from Washington and for finding their own living arrangements. Currently, there are seven WREI Fellowships available. This number changes according to funding from corporate, union, and foundation sponsors.

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

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

#### **Postdoctoral and Graduate Student Funding Opportunities**

##### **Ajinomoto Co., Inc.**

Ajinomoto Amino Acid Research Program

[http://www.grantsnet.org/search/pgm\\_info.cfm?pgm\\_id=3681](http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3681)

Deadline: 15 March 2006

**Alliance for Cancer Gene Therapy (ACGT)**

2006 Investigator's Award in Clinical Translation of Anti-angiogenic Gene Therapy for Cancer

[http://www.grantsnet.org/search/pgm\\_info.cfm?pgm\\_id=3669](http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3669)

Deadline: 16 March 2006

**Alliance for Cancer Gene Therapy (ACGT)**

2006 Investigator's Award in the Clinical Translation of Gene Therapy for Lung Cancer

[http://www.grantsnet.org/search/pgm\\_info.cfm?pgm\\_id=3670](http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3670)

Deadline: 16 March 2006

**Alternatives Research & Development Foundation**

Alternatives Research Grant Program

[http://www.grantsnet.org/search/pgm\\_info.cfm?pgm\\_id=2293](http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=2293)

Deadline: 30 April 2006

**American Astronomical Society**

International Travel Grant

[http://www.grantsnet.org/search/pgm\\_info.cfm?pgm\\_id=3661](http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3661)

Deadline: 23 June 2006

**American Statistical Association**

Edward C. Bryant Scholarship for an Outstanding Graduate Student in Survey Statistics

[http://www.grantsnet.org/search/pgm\\_info.cfm?pgm\\_id=3695](http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3695)

Deadline: 01 April 2006

**The Canon National Parks Science Scholars Program**

The 2006 Canon National Parks Science Scholars Program

[http://www.grantsnet.org/search/pgm\\_info.cfm?pgm\\_id=3678](http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3678)

Deadline: 03 May 2006

**Eppendorf & Science Prize Selection Committee**

The Eppendorf & Science Prize for Neurobiology

[http://www.grantsnet.org/search/pgm\\_info.cfm?pgm\\_id=3560](http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3560)

Deadline: 15 June 2006

**National Science Foundation**

East Asia and Pacific Summer Institutes for U.S. Graduate Students (EAPSI)

[http://www.grantsnet.org/search/pgm\\_info.cfm?pgm\\_id=3686](http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3686)

Deadline: 12 December 2006

**National Science Foundation**

A Graduate Research Supplements to Broaden Participation of Underrepresented Students

[http://www.grantsnet.org/search/pgm\\_info.cfm?pgm\\_id=3682](http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3682)

Deadline: 01 May 2006

**Neiswanger Institute for Bioethics and Health Policy Loyola University of Chicago Stritch School of Medicine**

Louis W. Sullivan Scholars

[http://www.grantsnet.org/search/pgm\\_info.cfm?pgm\\_id=3671](http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3671)

Deadline: None

**United Soybean Board**

Soy Health Research Program

[http://www.grantsnet.org/search/pgm\\_info.cfm?pgm\\_id=3496](http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3496)

Deadline: 15 March 2006

**US Department of Agriculture**

National Awards Program for Excellence in College and University Teaching in the Food and Agricultural Sciences

[http://www.grantsnet.org/search/pgm\\_info.cfm?pgm\\_id=3680](http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3680)

Deadline: 15 March 2006

**US Department of Defense**

DoD Ovarian Cancer-HBCU/MI Collaborative Research Awards

[http://www.grantsnet.org/search/pgm\\_info.cfm?pgm\\_id=1877](http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=1877)

Deadline: 07 March 2006

**US Department of Defense**

DoD Ovarian Cancer Idea Development Awards

[http://www.grantsnet.org/search/pgm\\_info.cfm?pgm\\_id=2276](http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=2276)

Deadline: 07 March 2006

**Funding Opportunities for Undergraduates**

**Keck Graduate Institute**

Undergraduate Research in Biotechnology and Bioengineering

[http://www.grantsnet.org/search/pgm\\_info.cfm?pgm\\_id=3683](http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3683)

Deadline: 31 March 2006

**Mathematical Association of America**

Frank and Brennie Morgan Prize for Outstanding Research in Mathematics by an Undergraduate Student

[http://www.grantsnet.org/search/pgm\\_info.cfm?pgm\\_id=3688](http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3688)

Deadline: 30 June 2006

**University of California Irvine**

IMSURE

[http://www.grantsnet.org/search/pgm\\_info.cfm?pgm\\_id=3526](http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3526)

Deadline: 13 March 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).

---

# NEWS

## TOP STORIES

### ORA NEWS

- UM System Technology Transfer Reorganization
- UM-St. Louis Small Grant Proposals Due March 6, 2006
- Chancellor's Award for Excellence in Research and Creativity Nominations Due April 17

### RESEARCH & COMMERCIALIZATION NEWS

- State of the Union: American Competitiveness Initiative
- New Genetics Project
- National LambdaRail is Complete; Others are Now Seeking to Join the Fiber-Optic Network
- Stem Cells May Be Key to Cancer
  - Scientists Agree Global Stem Cell Guidance
  - Senator (Talent) Seeks a Competition on Stem Cell Research
- Biotech's Sparse Harvest
- Stanley Named Washington U. Research Head
- Academic Capitalism and University Incentives for Faculty Entrepreneurship
- A Sotheby's for Inventors
- Research In Motion Wins BlackBerry Patent Ruling

### **UM System Technology Transfer Reorganization**

The University of Missouri's Office of Technology and Special Projects (OTSP) is currently being reorganized into a University system-wide office and separate technology transfer offices on each of the four UM campuses. The central office will be responsible for those areas that are most efficiently and effectively kept in one spot – crafting policy and offering legal, fiscal, information technology and some marketing support to the campus offices. Each campus office will be responsible for dealing directly with the faculty and assisting them to steward their best ideas to the market in the most appropriate manner possible.

According to John Gardner, Vice President for Research and Economic Development at the system level who is leading the reorganization efforts, on his office web site, "These changes seem consistent with what both faculty and our partners have suggested, and the changes also fit our responsibility to better translate our research into tangible economic development. We have methodically reviewed our plans with staff, key administrators, and the Vice Provosts for Research at each of the campuses who have or will put this new organizational structure in place."

The changes are effective immediately. \*

For more information, visit the Office of Research and Economic Development's web page:  
<http://www.umsystem.edu/ums/departments/ed/blog/index.php>

### **UM-St. Louis Small Grant Proposals Due March 6, 2006**

The purpose of the Small Grants fund is to strengthen faculty research and creative activities. Through a competitive process, awards are given to help faculty in all disciplines maintain an active research program. Special consideration will be given to junior faculty to assist them in establishing a strong research record and to projects with potential for external funding.

Funding (up to \$1,000) may be requested for only one of the following categories: conference expenses, equipment and research supplies, or professional development.

Applicants should submit a description of the request to the Office of Research Administration, 341 Woods Hall, by 5 p.m. Monday, March 6, 2006.

For more information, contact Susan Gilyon ([gilyons@umsl.edu](mailto:gilyons@umsl.edu)).

Download Small Grants Guidelines: [http://www.umsl.edu/services/ora/docs/2006\\_Smal\\_Grants.doc](http://www.umsl.edu/services/ora/docs/2006_Smal_Grants.doc)

## **Chancellor's Award for Excellence in Research and Creativity Nominations Due April 17, 2006**

The purpose of this annual award is to honor a full-time, regular faculty member who has demonstrated superior achievement in a program of research and creativity. The award will be presented at the Chancellor's State of the University Address in Fall 2006.

Nominations may be submitted by any UM-St. Louis faculty member or group of faculty. Faculty members who have received a Presidential Award for Research and Creativity, a previous Chancellor's Award for Excellence in Research and Creativity, or who hold a Curators' Professorship will not be eligible for this award. (Download a list of Curators Professors and previous recipients of these awards in PDF: <http://www.umsl.edu/services/ora/about/documents/AWARDRECIPIENTS.pdf>)

Nominations packets should include a one- to two-page cover letter summarizing the nominee's research and/or creative accomplishments, a curriculum vita, and up to 15 reference letters. Your cover letter should also include a synopsis of the referees' credentials.

Twelve copies of the documents must be received in the Office of Research Administration, 341 Woods Hall, by 5 p.m. Monday, April 17, 2006.

For more information, contact [Susan Gilyon \(gilyons@umsl.edu\)](mailto:gilyons@umsl.edu).

## **State of the Union: American Competitiveness Initiative**

From a White House Press Release, Office of the Press Secretary  
January 31, 2006

In his State Of The Union Address, President Bush announced The **American Competitiveness Initiative** (ACI) to encourage American innovation and strengthen our nation's ability to compete in the global economy. This ambitious strategy will increase Federal investment in critical research, ensure that the United States continues to lead the world in opportunity and innovation, and provide American children with a strong foundation in math and science. The American Competitiveness Initiative commits \$5.9 billion in FY 2007, and more than \$136 billion over 10 years, to increase investments in research and development (R&D), strengthen education, and encourage entrepreneurship and innovation.

The President's comprehensive strategy to strengthen America's competitiveness includes:

- Doubling the Federal commitment to the most critical basic research programs in the physical sciences over the next 10 years;
- Encouraging the expansion of a favorable environment for additional private-sector investment in innovation;
- Improving the quality of education to provide American children with a strong foundation in math and science;
- Supporting universities that provide world-class education and research opportunities;
- Providing job training that affords more workers and manufacturers the opportunity to improve their skills and better compete in the 21st century;
- Attracting and retaining the best and brightest to enhance entrepreneurship, competitiveness, and job creation in America by supporting comprehensive immigration reform; and
- Fostering a business environment that encourages entrepreneurship and protects intellectual property.

**Federal investment in R&D** has proven critical to keeping America's economy strong by generating knowledge and tools needed to develop new technologies. The centerpiece of the American Competitiveness Initiative is the President's strong commitment to double over 10 years investment in key Federal agencies that support basic research programs in the physical sciences and engineering - the National Science Foundation (NSF), the Department of Energy's Office of Science (DoE SC), and the Department of Commerce's National Institute of Standards and Technology (NIST).

- The President's FY07 Budget includes \$137 billion for Federal research and development, an increase of more than 50 percent over 2001.
- The sum of the budgets of the National Science Foundation, the Department of Energy's Office of Science, and the Department of Commerce's National Institute of Standards and Technology will double over 10 years, a total commitment of \$50 billion of new funding. \*

Read entire press release:

[http://www.umsl.edu/services/ora/about/documents/AmericanCompetitivenessInitiative\\_pressrelease.pdf](http://www.umsl.edu/services/ora/about/documents/AmericanCompetitivenessInitiative_pressrelease.pdf)

### **New Genetics Project**

From The Chronicle of Higher Education  
February 24, 2006

The National Institutes of Health has announced a new research effort and free public database about the genetic causes of common illnesses. The project, to be financed jointly by the agency and biotechnology companies, will be designed to protect the publishing priority of researchers who put data in the repository. The database, to be managed by the agency's National Library of Medicine, would contain genetic data from thousands of patients with particular diseases, with details that could identify the patients removed. The NIH will also pay to study how genes and environmental causes, like pollutants, combine to cause disease. The research will initially focus on seven illnesses and health conditions, to be determined based on a peer review of research proposals. \*

### **National LambdaRail is Complete; Others are Now Seeking to Join the Fiber-Optic Network**

From The Chronicle of Higher Education  
February 22, 2006  
By Vincent Kiernan

Engineers have finished building the national academic fiber-optic computer network called National LambdaRail. But the future of the network's governance remains a bit fuzzy.

The network was financed and built by a consortium of universities and companies, also known as National LambdaRail. The consortium announced on Monday that it had finished the 15,000-mile project that runs from New York to Seattle and from Jacksonville, Fla., to Sunnyvale, Calif., with several north-south links connecting the two east-west lines.

The network doesn't reach into every nook and cranny of academe. Researchers in the north-central part of the nation, for example, want National LambdaRail extended to them.

Thomas W. West, the president of National LambdaRail, said that his organization is trying to help scholars in the region drum up funds to create their own regional fiber-optic network that would connect to the LambdaRail backbone. But he doesn't foresee extending the LambdaRail itself to the northern states. "Right now we do not have any plans on our plate to augment the backbone," he said.

Since last year, officials from National LambdaRail and Internet2, the consortium that operates another network for researchers, called Abilene, have been discussing the possibility of merging their two organizations. Internet2 already contributes funds to the LambdaRail project and intends to use the fiber-optic network to develop the successor network to Abilene. The two organizations are quite different; for one thing, National LambdaRail has 30 members, mostly large universities, while Internet2 has more than 200, some of which are smaller institutions.

When the two organizations announced the merger discussions in July, Mr. West and others said they hoped that details could be worked out within a few months, "a time that has come and passed." But some observers suggested that reconciling the two organizations' structures could become a sticking point.

Mr. West acknowledged that the discussions have proceeded more slowly than he had hoped. He said the negotiations continue on points such as how the new organization would be governed and what its activities would be. "We are driving to make this happen by mid-April or early May," he said. \*

## **Stem Cells May Be Key to Cancer**

Excerpted from The New York Times

February 21, 2006

By Nicholas Wade

One day, perhaps in the distant future, stem cells may help repair diseased tissues. But there is a far more pressing reason to study them: stem cells are the source of at least some, and perhaps all, cancers.

At the heart of every tumor, some researchers believe, lie a handful of aberrant stem cells that maintain the malignant tissue.

The idea, if right, could explain why tumors often regenerate even after being almost destroyed by anticancer drugs. It also points to a different strategy for developing anticancer drugs, suggesting they should be selected for lethality to cancer stem cells and not, as at present, for their ability to kill just any cells and shrink tumors.

"I think this is one of the most interesting developments in cancer research in the last five years," says Robert Weinberg, a cancer geneticist at the Whitehead Institute in Cambridge, Mass. "I think more and more people are accepting it and evidence is accumulating that cancer stem cells exist in a variety of tumors."

...

"It's a very challenging population of cells to identify, but thus far in every cancer in which cells have been carefully screened they have been found," said Dr. Gary Gilliland of Harvard. ... \* Read entire article:

<http://www.nytimes.com/2006/02/21/health/21canc.html?ei=5070&en=c58058ae6f0e7a2b&ex=1141189200&adxnnl=1&emc=eta1&adxnnlx=1141081196-zDU3f2GnaHJBTshq8A28yg>

## **Scientists Agree Global Stem Cell Guidance**

Excerpted from Guardian Unlimited

Press Association

February 24, 2006

Scientists from around the world have come up with a set of global guidelines to ensure the ethical practice of stem cell research, it was revealed today. Researchers, ethicists and lawyers from 14 countries came together for the first time during a three-day conference in Cambridge to produce guidance by which they agreed to abide.

International cooperation in the controversial science has been hindered by conflicting national rules.

While acknowledging cultural diversity and moral disagreement about stem cell research, the document provides a fundamental ethical framework and guiding principles from which to work.

As well as addressing the conduct of researchers, the guidelines urge governments and lawmakers to be circumspect when regulating the science.

It calls for governments in countries where stem cell research is illegal not to prosecute their scientists for taking part in research projects abroad.

The guidelines aim to prevent a repeat of the case of a South Korean cloning pioneer who was found to have falsified research.

...

The guidelines are voluntary, and it is up to individual scientists whether they follow the recommendations.

Although the system will not be officially enforced, it is hoped journal editors will support and promote high standards, and that funding bodies will take adequate steps to ensure those they fund are carrying out their research in line with international guidance.

Dr Ruth Faden, of Johns Hopkins University, said: "For the first time, stem cell investigators and ethicists have identified specific guidance for how science and society should respond in the face of

conflicting national laws and values governing stem cell science." \* Read entire article:  
<http://education.guardian.co.uk/higher/research/story/0,,1717414,00.html>

### **Senator (Talent) Seeks a Competition on Stem Cell Research**

*Goal: No cloning, human embryos*

From Bloomberg News  
February 12, 2006  
By William Roberts

Senator Jim Talent is calling for a scientific competition as a way to break a congressional impasse on funding for stem cell research.

The Missouri Republican last week advocated a \$70 million competition at the National Institutes of Health to produce stem cells that don't come from human embryos or cloning.

Supporters of embryonic stem cell research in Congress, who say it promises treatments for disease, are battling those who oppose federal funding for the work on the grounds that human embryos are destroyed in the process of extracting stem cells.

"The answer is for both sides to take advantage of scientific changes to find proposals that they can mutually support and which offer advantages to each compared to the current stalemate," Talent said Friday in the Senate.

The Senate is likely to take up a House-passed bill in March to loosen funding restrictions President Bush imposed in 2001, said Amy Call, a spokeswoman for Tennessee Republican Bill Frist, the Senate majority leader. Congressional action would pit some Republican senators and representatives against their own president in the midst of an election year.

Talent is up for reelection this year, and research proponents in his state have raised \$4 million and are seeking 145,000 signatures needed to put a state constitutional amendment on the November ballot to enable stem cell research.

While the legislation to expand funding has Frist's support and is backed by at least 58 senators, Bush has said he would veto the measure.

Because embryonic stem cells can be developed into new organs or tissues, research on them shows promise for helping those who have a wide range of diseases, including juvenile diabetes, Alzheimer's and Parkinson's diseases, and spinal injuries, supporters say. \*

### **Biotech's Sparse Harvest**

Excerpted from The New York Times  
February 14, 2006  
By Andrew Pollack

At the dawn of the era of genetically engineered crops, scientists were envisioning all sorts of healthier and tastier foods, including cancer-fighting tomatoes, rot-resistant fruits, potatoes that would produce healthier French fries and even beans that would not cause flatulence.

But so far, most of the genetically modified crops have provided benefits mainly to farmers, by making it easier for them to control weeds and insects.

Now, millions of dollars later, the next generation of biotech crops — the first with direct benefits for consumers — is finally on the horizon. But the list does not include many of the products once envisioned.

Developing such crops has proved to be far from easy. Resistance to genetically modified foods, technical difficulties, legal and business obstacles and the ability to develop improved foods without genetic engineering have winnowed the pipeline.

"A lot of companies went into shell shock, I would say, in the past three, four years," said C. S. Prakash, director of plant biotechnology research at Tuskegee University. "Because of so much opposition, they've had to put a lot of projects on the shelf."

...

New crops are ... important for the industry, which has been peddling the same two advantages — herbicide tolerance and insect resistance — for 10 years. "We haven't seen any fundamentally new traits in a while," said Michael Fernandez, executive director of the Pew Initiative on Food and Biotechnology, a nonprofit group.

Now, some new types of crops are appearing. Monsanto just won federal approval for a type of genetically engineered corn promoted as having greater nutritional value — albeit only for pigs and poultry. The corn, possessing a bacterial gene, contains increased levels of lysine, an amino acid that is often provided to farm animals as a supplement.

Coming next, industry executives say, are soybean oils intended to yield healthier baked goods and fried foods. To keep soybean oil from turning rancid, the oil typically undergoes a process called hydrogenation. The process produces trans fatty acids, which are harmful and must be disclosed in food labels under new regulations.

Both Monsanto and DuPont, which owns the Pioneer Hi-Bred seed company, have developed soybeans with altered oil composition that, in some cases, do not require hydrogenation. Kellogg said in December that it would use the products, particularly Monsanto's, to remove trans fats from some of its products.

Monsanto's product, Vistive, and DuPont's, which is called Nutrium, were developed by conventional breeding. They are genetically engineered only in the sense that they have the gene that allows them to grow even when sprayed with the widely used herbicide Roundup.

But Monsanto and DuPont say the next generation of soybean, which would be able to eliminate trans fats in more foods, would probably require genetic engineering. Those products are expected in three to six years.

Beyond that, both companies said, would be soybeans high in omega-3 fatty acids, which are good for the heart and the brain. These are now derived largely from eating fish, which in turn get them by eating algae. Putting algae genes into soybeans could allow for soy oil that is rich in the fatty acids.

"Our hope is it is easier to formulate into food without it smelling or tasting fishy," said David M. Stark, vice president for consumer traits at Monsanto.

Other second-generation crops are also on the way. DuPont is trying to develop better tasting soy for use in products like protein bars.

Some efforts are under way to develop more nutritious crops for the world's least developed countries, led by what is termed golden rice, which contains the precursor of vitamin A. Vitamin A deficiency is a leading cause of blindness in certain poor countries.

There has been progress in crops able to withstand drought. While those would mainly benefit farmers, it would also help consumers in regions like Africa, where droughts bring famine.

Mr. Stark said Monsanto had not anticipated that use of genetic engineering would discourage food companies from using the company's soybeans. "I don't get many requests for 'Is this a G.M.O. or not?' " he said, using the abbreviation for genetically modified organism. "It's more 'Does the oil work?' "

Still, opposition by consumers and food companies has clearly forced big companies like Monsanto and DuPont to choose their projects carefully. It has also made it difficult for academic scientists and small start-ups, which typically provide much of the innovation in other fields, to obtain financing.

Avtar K. Handa, a professor at Purdue, said he had stopped work on a tomato he helped develop a few years ago that was rich in lycopene, a cancer-fighting substance. Genetically modified crops are not being brought to market and research funds have diminished, he said. ... \*

## **Stanley Named Washington U. Research Head**

Excerpted from The St. Louis Business Journal  
February 10, 2006

Dr. Samuel Stanley Jr. was tapped by Washington University as vice chancellor for research.

Stanley, a Washington University professor of medicine and molecular microbiology, will assume his role effective July 1.

The new role also positions Stanley as the chief officer responsible for the university's research missions, overseeing an enterprise that generates more than \$500 million for sponsored research.

Stanley succeeds Theodore Cicero, who announced his intention to step down last year. Cicero, a professor of psychiatry, anatomy and neurobiology, held the post since 1996. He will return full time to his research in the medical school's psychiatry department, the university said in a release.

...

Washington University in St. [Louis is private teaching and research university.](http://stlouis.bizjournals.com/stlouis/stories/2006/02/06/daily48.html) \*

View complete article online: <http://stlouis.bizjournals.com/stlouis/stories/2006/02/06/daily48.html>

## **Academic Capitalism and University Incentives for Faculty Entrepreneurship**

From The Journal of Technology Transfer

Volume 31, Number 2

March 2006

By Catherine Searle Renault, RTI International

**Abstract:** Entrepreneurial behavior by professors—including decisions about collaboration with industry, patenting and spinning off companies—can affect the productivity of top universities' technology transfer efforts. Interviews with 98 professors at 12 southeastern universities showed that the most significant influence on these aspects of entrepreneurial behavior is the beliefs of professors about the proper role of universities in the dissemination of knowledge. Some institutional policies, notably revenue splits with inventors, can affect aspects of this behavior. These findings suggest that both university incentive policies and ethical concerns about academic capitalism, by limiting the productivity of technology transfer efforts, have an effect on regional economic development. \*

Download paper (PDF):

<http://www.umsl.edu/services/ora/about/documents/AcademicCapitalismandUniversityIncentivesforEntrepreneurship.pdf>

## **A Sotheby's for Inventors**

*Patents are going up for auction -- and some big-name companies will be selling*

Excerpted from BusinessWeek Online

February 13, 2006

By Michael Orey

Last year, Dean Becker, an avid collector of classic cars, was thumbing through a catalog for an automobile auction. Why not sell patents the same way, he thought. This April, Ocean Tomo, a firm where Becker is a managing director, will do just that. It has lined up a British auctioneer to take the podium at The Ritz-Carlton San Francisco (MAR) and sell off rights to everything from earth-imaging technology to shrink-wrap.

Think of what eBay Inc. (EBAY) did for the junk in people's garages, and you get an idea of what Becker's idea could mean for intellectual property. "Right now what you've got is a marketplace where nobody knows what the asset is worth," says David Kappos, an assistant general counsel at IBM (IBM) who manages patents.

Chicago-based Ocean Tomo is part of a cottage industry of firms that want to cash in on patents. Traditionally, patent deals have been shrouded in secrecy and burdened by steep transaction costs. The primary method of extracting value, beyond selling a product based on an invention, has been licensing patent rights. But licensing negotiations are often arduous and need to be backed up by a willingness to litigate, which is expensive.

Auctions could help foster "the emergence of a liquid market" for buying and selling patents, says Kappos. So far more than 1,200 patents have been submitted to Ocean Tomo for sale from such companies as AT&T (T), BellSouth (BLS), American Express (AXP), and Kimberly-Clark (KMB).

If auctions become a regular feature of the patent world, they would help establish prices and a marketplace. "I see this as a great opportunity [as] an independent inventor to really get exposure to a large base of companies that could commercialize my patents," says William L. Reber. Now on his own after working as an engineer for Walt Disney Co. (DIS) and Motorola Inc. (MOT), Reber is the creator of 48 patents he's putting up for sale at the auction, which takes place on April 5 and 6.

... Patents from each seller will be grouped into lots when they relate to a common area. Some lots will include additional material such as prototypes of products, inventor notebooks, and, in one case, 80 hours with the inventor to aid in transferring expertise. Ocean Tomo -- a name combining a legal acronym with the Japanese word for friend -- will get 25% of the sale price. ... \*

### **Research In Motion Wins BlackBerry Patent Ruling**

From The Washington Business Journal

February 22, 2006

By Barton Eckert

The U.S. Patent and Trademark Office has issued a final rejection of one of two patents found to be infringed by [Research In Motion's](#) BlackBerry communications system. The decision provides Canadian-based Research In Motion (NASDAQ: RIMM) more ammunition to prevent a service shutdown.

Research In Motion is in a patent battle with Arlington-based [NTP](#), and faces a federal hearing in Richmond Friday where the judge will hear the latest arguments and could order a shutdown of BlackBerry e-mail service. More than 3 million people use BlackBerry in the United States.

The federal government had asked for a separate hearing in the case because of heavy use of the system by government workers including members of Congress. The judge said no to that request Tuesday.

Patent and Trademark Office will post its formal rejection of the patent on its Web site Wednesday. \*

--end--