

Spirit of INNOVATION

Research, Creativity and Commercialization News

OFFICE OF RESEARCH ADMINISTRATION NEWSLETTER April 2006 (Volume V, No. 10)

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).

RECENT AWARDS

EXTERNALLY FUNDED AWARDS, FEBRUARY 2006

Carl Bassi, College of Optometry, awarded \$11,000 for "Evaluation of the Quantifeye and Intervention Study" by the Zeavision, LLC.

Harold Harris, Chemistry & Biochemistry, Teaching & Learning, awarded \$12,330 for "Chemistry Textbooks in Print-On-Line" by the Journal of Chemical Education.

Susan Kashubeck West, Counseling - College of Education, awarded \$6,150 for "Efficacy of a College Nutrition Website" by the Inflexxion Inc.

Therese Hoff Macan, Psychology, awarded \$33,856 for "Applied Learning Experience: I/O Program" by the Monsanto Company.

Robert Ricklefs, Biology, awarded \$570,967 for "IRCEB: The Life History-Physiology Nexus--Constraints on the Evolutionary Diversification of Avian Life Histories" by the National Science Foundation.

Mark Tranel, Public Policy Research Centers, awarded \$50,860 for "Case Study of Crime Rates in Community Garden Areas: Second Phase of the Whitmire Community Garden Study" by the Gateway Greening.

Mark Tranel, Public Policy Research Centers, awarded \$115,000 for "Property Tax Ratio Studies" by the Coalition to Fund Excellent Schools.

Total: \$800,163

UM-ST. LOUIS SMALL GRANTS AWARDS, SPRING 2006

Pamela Ashmore, Anthropology (travel)

Steven Bruce, Psychology (travel)

Yael Even, Art & Art History (travel)

Donna Hart, Anthropology (travel)

Joyce Marie Mushaben, Political Science (travel)

Robert Northcott, Philosophy (travel)

Lia Nower, Social Work (travel)

Steven Rowan, History (travel)

Janet Braddock-Wilking, Chemistry & Biochemistry (travel)

Sanjiv Bhatia, Mathematics & Computer Science (travel)

John Blake, Biology (supplies)

Ruth Bohan, Art & Art History (supplies)

Patricia Boyer, Educational Leadership & Policy Studies (travel)

Joseph Carroll, English (travel)

Deborah Cohen, History, Institute for Women's & Gender Studies (travel)

Terri Conley, Psychology, Institute for Women's & Gender Studies (travel)

Alexei Demchenko, Chemistry & Biochemistry (travel)

Sally Ebest Barr, English (travel)

Alice Hall, Communication (travel)

Marius Janson, College of Business Administration (travel)
Ruth Jenkins, College of Nursing & Health Studies (supplies)
Colin MacDiarmid, Biology (travel)
Richard Middleton, Political Science (professional development)
Maite Nunez-Betelu, Foreign Languages and Literatures (travel)
Nigam Rath, Chemistry & Biochemistry (travel)
William Rogers, Economics (supplies)
Stephanie Ross, Philosophy (travel)
Darlene Sredl, College of Nursing & Health Studies (travel)
Dawn Szymanski, Counseling and Family Therapy (supplies)
Cathy Vatterott, Teaching & Learning (travel)
Laura Westhoff, History, Teaching & Learning (travel)
Anne Winkler, Economics (travel)
Bethany Zolman, Biology (travel)
William McAlister, College of Optometry (travel)

Total: \$20,115

FUNDING OPPORTUNITIES

UM-ST. LOUIS INTERNAL AWARDS

Chancellor's Award for Excellence in Research and Creativity

Nominations Due: APR 17 (5:00 p.m.)

Location: 341 Woods Hall

More Information: Contact Susan Gilyon (gilyons@umsl.edu)

List of previous winners (PDF):

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

NEW ANNOUNCEMENTS: Government Agencies

Agency for International Development (USAID)

- Assets Market Access CRSP Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8671>
- Control Of Neglected Tropical Disease Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8507>
- Energy Team Annual Program Statement Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8790>
- Expanding HIV/AIDS, TB & Malaria Services to Northern Uganda Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8598>
- Improving Livelihoods in the Earthquake Affected Areas of Pakistan Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8579>
- Methane to Markets Partnership Program Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8332>
- New-Opportunity Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8469>
- Request for Comments (RFC) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8637>
- Request for Information for Democratic Policing Programs Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8559>

Department of Agriculture (USDA)

- Food Assistance and Nutrition Research Program Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8690>
- FY 2006 FSP Participation Program Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8654>
- New Opportunity Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8217>
- Program of Research on the Economics of Invasive Species Management Modification 1
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8656>
- Rural Cooperative Development Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8584>

Department of Commerce (DOC)

- Aquatic Invasive Species Program 2006 Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8703>
- NIST, Electron and Optical Physics Division - Center for Nanoscale Science and Technology Financial Assistance Program Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8674>

- Regional Integrated Sciences and Assessments (RISA) Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8738>

Department of Defense (DOD)

- Accelerated Manufacturing of Pharmaceuticals (AMP) Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8774>
- Buried Mine Sensing from an Unmanned Air Vehicle Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8627>
- DARPA Tactical Technology Office (TTO) Aerospace Systems and Tactical Multipliers Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8657>
- Fiscal Year 2007 Young Investigator Research Program
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8767>
- Multi-Channel Wideband Electronic Support Sensor (MCWESS) Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8673>
- NEUROTOXIN EXPOSURE TREATMENT RESEARCH PROGRAM 2006 Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8653>
- Precision Navigation and Marking in Mined Environments Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8776>
- PREventing Violent Explosive Neurologic Trauma (PREVENT) Modification 1
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8337>
- Software and Systems Test Track Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8333>
- U.S. Army Research Office Broad Agency Announcement for Basic Research Program in Chemical, Biological, Radiological, and Nuclear Defense of the Joint Science and Technology Office, Physical Science and Technology Division - 2007 Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8734>

Department of Education (ED)

- Children with disabilities; technical assistance and dissemination to improve services and results Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8246>
- College Assistance Migrant Program Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8203>
- EARLY CHILDHOOD EDUCATOR PROFESSIONAL DEVELOPMENT (ECEPD) PROGRAM
<http://www.ed.gov/programs/eceducator/>
- Education Research Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8621>
- Education Research Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8622>
- High School Equivalency Program Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8202>
- Reopening the Advanced Placement Test Fee Program Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8472>
- Secondary Analysis of Data from the NAEP Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8650>
- Special Education Research Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8626>
- Special Education Research Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8628>
- Spinal Cord Injury Model Systems Centers Program Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8170>

Department of Energy (DOE)

- Alternative Hydrogen Production Pathway and Hydrogen Utilization Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8249>
- Area of Interest 1 - Development and Scale-Up of Novel Polishing Filter Materials and Devices Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8723>
- Area of Interest 2 – Process Intensification Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8726>
- Area of Interest A - Alternative Hydrogen Production Pathway Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8252>
- Area of Interest B – Hydrogen Utilization Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8255>
- Basic Research for Solar Energy Utilization Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8611>
- Central Hydrogen Production Pathway Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8722>

- Effects of a Transition to a Hydrogen Economy on Employment in the United States Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8631>
- Environmental Remediation Science Program Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8605>
- Environmental Remediation Sciences Program - Integrated Field-Scale Subsurface Research Challenge Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8606>
- Genomics: GTL Facility for the Production and Characterization of Proteins and Molecular Tags Modification 5 <http://www.grants.gov/search/search.do?mode=VIEW&oppld=7555>
- Mid-Scale Instrumentation Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8353>
- Notice of Program Interest - Solar America Initiative Technology Pathway Partnership - Phase 1, FY 2007 <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8312>
- Nuclear Explosion Monitoring R E Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8467>
- Research and Development for On-Board Vehicular Hydrogen Storage Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8713>
- Solar America Initiative Technology Pathway Partnership - Phase 1, FY 2007 Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8312>

Department of Health and Human Services (HHS)

Administration for Children and Families

- Help America Vote Act (HAVA) Training and Technical Assistance (T/TA) to Assist Protection and Advocacy Systems (P & As) to Establish or Improve Voting Access for Individuals with Disabilities <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8204>
- Special Improvement Project (SIP) <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8345>

Administration on Aging

- Senior Medicare Patrol Projects Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8576>

Centers for Disease Control and Prevention

- Industrial Costs of Developing and Commercializing Childhood Vaccines Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8321>
- National Coordination of Tuberculosis Controllers Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8695>
- National Mesothelioma Virtual Registry and Tissue Bank Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8474>

Health Resources & Services Administration

- Supporting Networks of HIV Care <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8736>

National Institutes of Health

- A Data Coordination Center for the Model Organism ENCODE Project (modENCODE)[U41] Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8460>
- Advances in Polycystic Kidney Disease: (R01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8273>; (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8271>
- Aging Musculoskeletal and Skin Extracellular Matrix (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8546>
- Alcohol Use Disorders: Treatment, Services Research, and Recovery (R01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8609>
- Ancillary Studies of Kidney Disease Accessing Information from Clinical Trials, Epidemiological Studies, and Databases (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8274>
- Ancillary Studies of Kidney Disease Accessing Information from Clinical Trials, Epidemiological Studies, and Databases (R01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8278>
- Ancillary Studies to Major Ongoing NIDDK and NHLBI Clinical Research Studies (R01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8439>
- Ancillary Studies to the AD Neuroimaging Initiative: (R03) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8544>; (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8545>
- Axonal Damage in Multiple Sclerosis: Strategies for Protection and Repair (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8680>
- Basic and Clinical Research on Rett Syndrome and MECP2: (R03) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8691>; (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8692>
- Basic and Clinical Studies of Congenital Urinary Tract Obstruction: (R01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8270>; (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8272>

- Basic Research in the Bladder and Lower Urinary Tract: (R01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8566>; (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8569>
- Behavioral Science Track Award for Rapid Transition (B/START) (R03) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8788>
- Behavioral Science Track Award for Rapid Transition (B/START)(R03) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8242>
- Calcium Oxalate Stone Diseases: (R01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8266>; (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8265>
- Cancer Genome Characterization Centers (U24) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8461>
- Centers for AIDS Research: D-CFAR, CFAR (P30) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8758>
- Characterization, Behavior and Plasticity of Pluripotent Stem Cells (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8320>
- Clinical Trials: Oral Complications of Cancer Therapy (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8361>
- CNS Therapy Development for Lysosomal Storage Disorders (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8359>
- Collaborative Awards in Epilepsy Research for Junior Investigators (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8296>
- Collaborative R01s for Clinical and Services Studies of Mental Disorders and AIDS Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8363>
- Collaborative Research in Stem Cell Biology (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8678>
- Community Participation In Research (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8574>
- Competitive Continuation of Centers of Biomedical Research Excellence (COBRE)[P20] Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8688>
- Contraceptive Development Research Centers Program (U54) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8235>
- Cooperative Multicenter Diabetes Research Network for Hypoglycemia Prevention (U10) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8190>
- Cooperative Multicenter Reproductive Medicine Network (U10) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8426>
- Correlative Studies with Specimens from Multi-Site Trials (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8769>
- Cutting-Edge Basic Research Awards (CEBRA) (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8379>
- Decision Making in Cancer: Single-Event Decisions (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8799>
- Development of Disease Biomarkers: (R01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8254>; (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8253>
- Developmental Biology and Regeneration of the Liver: (R01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8451>; (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8452>
- Diet Composition and Energy Balance: (R01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8285>; (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8286>
- Diet-Induced Changes in Inflammation as Determinants of Colon Cancer (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8721>
- Drug Abuse Aspects of HIV/AIDS and Other Infections: (R03) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8827>; (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8826>
- Effects of Long Term Use of Antiretroviral Therapy on the Oral Mucosa: (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8243>; (R01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8244>
- Endoscopic Clinical Research In Pancreatic And Biliary Diseases (R03) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8283>

- Epidemiological Research on Disorders of Hearing, Balance, Smell, Taste, Voice, Speech, and Language (R01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8610>
- Erythroid Lineage Molecular Toolbox: (R01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8415>; (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8281>
- Etiology, Prevention, and Treatment of Hepatocellular Carcinoma (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8766>
- Exploratory Basic Research in Glomerular Disease (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8440>
- Exploratory Grant Program in Diabetes Endocrinology and Metabolism (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8268>
- Exploratory Studies in Cancer Detection, Diagnosis, and Prognosis (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8796>
- Exploratory/Developmental Clinical Research Grants in Obesity (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8575>
- Exploratory/Developmental Program for Translational Research in Muscular Dystrophy (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8360>
- Exploratory/Developmental Research Grant Program (Parent R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8240>
- From Intervention Development to Services: Exploratory Research Grants (R34) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8555>
- Gene Discovery for Complex Neurological and Neurobehavioral Disorders (R21) <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8373>
- General Clinical Research Center Complementary and Alternative Medicine Research Program (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8304>
- Genetics and Pathobiology of Vascular Cognitive Impairment (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8679>
- Grants for Alzheimer's Disease Drug Discovery (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8677>
- Health Disparities in NIDDK Diseases: (R01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8294>; (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8293>
- Health Research with Diverse Populations (R01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8362>
- Health Services Research on the Prevention and Treatment of Drug and Alcohol Abuse: (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8818>; (R03) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8821>
- Hearing Impairment and Other Communication Disorders Associated with HIV/AIDS (R01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8572>
- Heterogeneity of Fat Depots: Underlying Basis and Association with Morbidity: (R01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8297>; (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8298>
- HIV and Psychiatric Comorbidity Research Project: (R01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8793>; (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8794>
- HIV Vaccine Research and Design (HIVRAD) Program (P01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8753>
- Identification of All Functional Elements in Selected Model Organism Genomes (U01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8458>
- Imaging - Science Track Award for Research Transition (I/START) [R03] Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8814>
- Immunoregulation of Gastrointestinal Carcinogenesis: (R01) <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8763>; (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8756>
- Improving Diet and Physical Activity Assessment (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8282>
- In Utero Exposure to Bioactive Food Components and Mammary Cancer Risk (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8696>
- Indo-US Program on Contraception and Reproductive Health Research (CRHR)(R03) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8232>
- Indo-US Program on Maternal and Child Health and Human Development Research (MCHDR)(R03) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8231>

- Information Technologies and the Internet in Health Services and Intervention Delivery: (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8422>; (R03) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8423>; (R01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8424>
- Innovative and Exploratory Research in Digestive Diseases and Nutrition (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8258>
- Innovative Application of Nanotechnology to Heart, Lung, Blood, and Sleep Disorders (R21/R33) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8741>
- Insulin Signaling And Receptor Cross-Talk (R01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8288>; (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8289>
- Integrated Preclinical/Clinical AIDS Vaccine Development (IPCAVD) Program: (U19) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8754>
- Interactions Between Stem and Progenitor Cells and the Microenvironment (R03) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8418>
- Interactions Between Stem and Progenitor Cells and the Microenvironment (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8419>
- Interdisciplinary Partnerships in Environmental Health Sciences (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8308>
- International Collaborative Oral Health Research Planning Grant (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8384>
- International Neuroscience Fellowship (F05) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8427>
- International Training and Research in Environmental and Occupational Health (ITREOH)[D43] Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8462>
- Intestinal Failure, Short Gut Syndrome and Small Bowel Transplantation: (R01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8442>; (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8443>
- Long-Term Weight Maintenance: Basic and Clinical Studies: (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8250>; (R01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8251>
- Mechanism for Time-Sensitive Research Opportunities: (R03) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8557>; (R34) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8558>
- Mechanisms of Alcohol-Associated Cancers: (R01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8686>; (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8687>
- Mechanisms of Transmission and Dissemination of Transmissible Spongiform Encephalopathies (TSEs): (R03) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8300>; (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8301>
- Mental Health Dissertation Research Grant To Increase Diversity (R36) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8322>
- Mentored Patient-Oriented Research Award to Promote Diversity (K23) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8421>
- Mentored Research Scientist Development Award (K01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8425>
- Molecular Probes for Microscopy of Cells (R01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8755>
- Multidisciplinary Clinical Research Centers (P60) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8554>
- NCCAM Exploratory/Developmental Grant for Clinical Studies (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8302>
- NCI Competitive Supplements for Pilot Projects for Community Networks Program to Reduce Cancer Health Disparities (U01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8233>
- NCI Mentored Career Development Award to Promote Diversity (K01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8382>
- NCI Mentored Clinical Scientist Award to Promote Diversity (K08) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8392>
- Network for Cardiothoracic Surgical Investigations in Cardiovascular Medicine (U01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8310>
- Neurobiology Of Persistent Pain Mediated By The Trigeminal Nerve (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8323>

- Neurotechnology Research, Development, And Enhancement: (R01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8698>; (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8697>
- Neurovascular Mechanisms of Brain Function and Disease (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8357>
- New Approaches to Non-Viral Systems for Gene Transfer Applications for Heart, Lung, and Blood Diseases (R21/R33) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8675>
- NHLBI Innovative Research Grant Program (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8542>
- NIDCD Patient-Oriented Research Grant (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=2222>
- NIDCD Small Grant Program (R03) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8689>
- NIDCD Translational Research Grants (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8291>
- NIDCR Clinical Pilot Data Grant (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8547>
- NIDCR Clinical Trial Planning Grant (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8550>
- NIDCR Exploratory and Developmental Grants in Clinical Research (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8552>
- NIDCR Small Research Grants for Data Analysis and Statistical Methodology (R03) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8330>
- NIH Small Research Grant Program (Parent R03) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8239>
- NINDS Exploratory/Developmental Projects in Translational Research (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8329>
- Non-Human Lentiviral Models of the Neurological Complications of AIDS: (R03) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8693>; (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8694>
- Non-Invasive Methods for Diagnosis and Progression of Diabetes, Kidney, Urological, Hematological And Digestive Diseases: (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8247>; (R01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8248>
- Novel Approaches To Study Polymicrobial Diseases (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8319>
- Novel HIV Therapies: Integrated Preclinical/Clinical Program (U19) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8234>
- Nutrition and Diet in the Causation, Prevention, and Management of Heart Failure (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8309>
- Ontogeny Of Host Innate Immune Recognition Of And Response To Oral Microbes: (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8519>; (R01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8520>
- Pancreatic Development and Regeneration: Toward Cellular Therapies for Diabetes: (R01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8684>; (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8685>
- Pharmacogenetics of Fluoride: (R01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8327>; (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8328>
- Pilot And Feasibility Clinical Research Studies In Digestive Diseases And Nutrition Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8805>
- Pilot and Feasibility Program in Hematologic Diseases (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8259>
- Pilot and Feasibility Program in Urology (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8267>
- Pilot and Feasibility Program Related to the Kidney (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8257>
- Pilot Studies in Pancreatic Cancer (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8810>
- Pilot Studies: Oral Complications of Cancer Therapies (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8318>
- Program Projects for Basic Research on Human Embryonic Stem Cells (P01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8629>

- Protein Biomarkers of Infection-Associated Cancers (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8770>
- Proteomics: Diabetes, Obesity, And Endocrine, Digestive, Kidney, Urologic, And Hematologic Diseases (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8295>
- Public Consultation to Inform the Design of Possible Large-Scale Studies of Genes and Environment in Common Disease (U01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8177>
- Quick-Trials for Imaging and Image-Guided Interventions: Exploratory Grants (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8764>
- Radionuclide Decorporation Agents for Radiation/Nuclear Emergencies: Project BioShield (R01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8795>
- Rapid Assessment Post-Impact of Disaster: (R03) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8567>; (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8570>
- Research Grants for Studies of Hepatitis C in the Setting of Renal Disease: (R01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8290>; (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8292>
- Research on Sleep and Sleep Disorders (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8531>
- Research on Social Work Practice and Concepts in Health: (R03) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8456>; (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8457>
- Research On The Cognitive Sequelae Of Parkinson's Disease: (R03) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8314>; (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8315>
- Research on the Economics of Diet, Activity, and Energy Balance (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8762>
- Retirement Economics: (R03) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8453>; (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8459>
- Secondary Analyses in Obesity, Diabetes, Digestive and Kidney Diseases (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8260>
- Secondary Data Analyses Based on the NICHD Study of Early Child Care and Youth Development (R03) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8735>
- Simian Models For The Oral Biology Of HIV Infection And Aids-Related Oral Complications (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8623>
- Small Grant Program for NIDDK K08/K23 Recipients (R03) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8417>
- Small Grants Program for Cancer Epidemiology (R03) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8768>
- Sociobehavioral Data Analysis and Archiving in Aging (R03) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8326>
- Solicitation of Assays for High Throughput Screening (HTS) in the Molecular Libraries Screening Centers Network (X01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8672>
- Stem Cells and Cancer (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8729>
- Studies of the Economics of Cancer Prevention, Screening, and Care (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8816>
- Temporomandibular Joint and Muscle Disorders: Pathophysiological Mechanisms Linking Comorbid Conditions: (R01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8219>; (R03) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8681>; (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8682>
- Testing Stem Cell Therapy in Mouse Models of Premature Aging (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8450>
- The Effect of Racial and Ethnic Discrimination/Bias on Health Care Delivery (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8829>
- The Secretory Pattern of Senescent Cells (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8543>
- Transmission of Human Immunodeficiency Virus (HIV) In Semen: (R01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8275>; (R21) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8276>
- Treatment Response: Linking Genes With Behavioral Phenotypes of Relevance to Patients, Families, and Policymakers: (R03) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8428>; (Collaborative R01) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8429>; (R01) Grant

- <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8436>; (R34) Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8438>
- Ubiquitin and Ubiquitin-Like Modifications Regulating Disease Processes: (R01) Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8277>; (R21) Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8279>
- Understanding and Preventing Brain Tumor Dispersal (R21) Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8358>
- Understanding and Promoting Health Literacy (R03) Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8287>
- Understanding and Treating Tuberous Sclerosis Complex: (R03) Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8381>; (R21) Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8386>
- Understanding Mechanisms of Health Risk Behavior Change in Children and Adolescents (R21) Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8771>
- Understanding the Effects of Emerging Cellular, Molecular, and Genomic Technologies on Cancer Health Care Delivery: (R21) Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8705>; (R01) Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8706>
- Vulvodynia - Systematic Epidemiologic, Etiologic Or Therapeutic Studies (R01) Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8792>

Office of Public Health and Science

- Adolescent Family Life Care Demonstration Project Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8683>

Substance Abuse & Mental Health Services Administration

- Campus Suicide Prevention Grants Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8779>
- Prevention of Methamphetamine Abuse Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8783>
- Services Grant Program for Residential Treatment for Pregnant and Postpartum Women Short Title: Pregnant and Postpartum Women (PPW) Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8784>
- Targeted Capacity Expansion Program for Substance Abuse Treatment and HIV/AIDS Services (Short Title: TCE/HIV) Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8785>

Department of Housing and Urban Development (HUD)

- Healthy Homes Demonstration Program Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8394>
- Housing Opportunities for Persons with AIDS Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8407>
- Lead and Healthy Homes Technical Studies Program Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8390>
- Lead Outreach Program Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8393>
- Section 811 Supportive Housing for Persons with Disabilities Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8411>

Department of Justice (USDOJ)

- National Institute of Justice, NIJ FY06 Social Science Research on Terrorism Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8412>
- Office of Juvenile Justice Delinquency Prevention, OJJDP FY 2006 Field Initiated Demonstration Program Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8497>

Department of State (DOS)

- Benjamin Franklin Transatlantic Fellows Initiative: Summer Institute for Youth Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8625>
- Competition for Proposals (1) to strengthen secondary education in Indonesia through a program for High School English Language Teachers and/or (2) to strengthen private and community-based secondary education in Indonesia through a program for School Adm Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8486>
- International Sports Programming Initiative Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8614>
- Middle East Partnership Initiative, Iran Democracy Program Announcement Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8370>

- YOUTH LEADERSHIP PROGRAM ON FREE EXPRESS Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8615>
- Youth Leadership Program: Linking Individuals, Knowledge and Culture (LINC) Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8354>
- Youth Leadership Programs for Indonesia and the Philippines Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8206>
- Youth Programs Academic Year Disability Component Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8761>

Department of Transportation (DOT)

- University Transportation Centers Program: Regional UTCs
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8535>

Environmental Protection Agency (EPA)

- Consequences of Global Change For Air Quality Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8549>
- Fiscal Year 2006 Request for Proposals (RFP) for Point Source and Toxic Information Management/Data Analysis Support to the Chesapeake Bay Program Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8778>
- FY 2006 Request for Proposals, Pollution Prevention Grants Program Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8786>
- Study and Analysis of Fuel Consumption and Emissions Reductions Associated with an Innovative Technology Package for Heavy Duty Diesel Trucks Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8536>
- SUPPORT FOR THE DEVELOPMENT OF CONSENSUS STANDARDS RELATED TO HAZARDOUS WASTE MANAGEMENT AND HAZARDOUS WASTE SITE CHARACTERIZATION Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8599>

National Aeronautics and Space Administration (NASA)

- CENTER FOR RESEARCH AND EXPLORATION IN SPACE SCIENCE AND TECHNOLOGY (CRESST)
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8331>
- GROUND-BASED STUDIES IN RADIATION BIOLOGY
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8120>

National Endowment for the Arts (NEA)

- CHALLENGE AMERICA: REACHING EVERY COMMUNITY FAST TRACK REVIEW GRANTS
<http://www.arts.gov/grants/apply/GAP07/ChallengeAmerica.html>
- Summer Schools in the Arts Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8717>

National Science Foundation (NSF)

- ADVANCED LEARNING TECHNOLOGIES [ALT] http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12834
- Alliances for Broadening Participation in STEM (ABP) Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8490>
- Antarctic Research Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8388>
- Cognitive Neuroscience Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8701>
- Computational Science Training for Undergraduates in the Mathematical Sciences (CSUMS) Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8746>
- Computing Community Consortium (CCC): Defining the Large-Scale Infrastructure Needs of the Computing Research Community Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8468>
- Cyberinfrastructure Training, Education, Advancement, and Mentoring for Our 21st Century Workforce (CI-TEAM) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8385>
- Geophysics Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8223>
- Hydrologic Sciences Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8174>
- INTERDISCIPLINARY TRAINING FOR UNDERGRADUATES IN BIOLOGICAL & MATHEMATICAL SCIENCES (UBM) http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12207
- NATIONAL SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS EDUCATION DIGITAL LIBRARY (NSDL) http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5487
- NSF Graduate Teaching Fellows in K-12 Education (GK-12)
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8601>
- Partnerships for Innovation (PFI) Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8389>
- Petrology and Geochemistry Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8172>

- Plant Genome Comparative Sequencing Program (PGCSP) Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8595>
- RESEARCH COORDINATION NETWORKS (RCN) IN THE BIOLOGICAL SCIENCES
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11691
- Small Business Innovation Research and Small Business Technology Transfer Programs Phase I Solicitation FY-2007 (SBIR/STTR) <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8499>
- Technological Challenges in Hybrid Communications Systems
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8347>
- Tectonics Grant <http://www.grants.gov/search/search.do?mode=VIEW&oppld=8173>
- Theoretical Foundations 2006 (TF06) Grant
<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8171>
- THEORETICAL FOUNDATIONS 2006 (TF06) http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13392
- UNIVERSITY-INDUSTRY COOPERATIVE RESEARCH PROGRAMS IN THE MATHEMATICAL SCIENCES (UICRP)
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=156

NEW ANNOUNCEMENTS: Foundations & Other
AMERICAN ASTRONOMICAL SOCIETY

- SMALL RESEARCH GRANTS (<http://www.aas.org/grants/smrg.html>)

DUE: MAY 1 NOV 27

WRITE: Small Research Grants Committee

American Astronomical Society
2000 Florida Avenue, NW, Suite 400
Washington, DC 20009-1231

E-MAIL: deustua@aas.org

PHONE: 202/328-2010

FAX: 202/234-2560

This program is funded by a grant from NASA, by income from the American Astronomical Society operating reserve fund and, in some cases, by the Gaposchkins' Research Fund. The purpose of the program is to cover costs associated with any type of astronomical research.

ELIGIBILITY: The program is open to both U.S. and foreign astronomers with a Ph.D. or equivalent; graduate students are not eligible. Astronomers from smaller, less endowed institutions will be given priority; however, proposals will be accepted from individuals not associated with an institution.

FUNDING: Awards range from \$1000 to \$7000.

AMERICAN PSYCHOLOGICAL ASSOCIATION

- SCIENTIFIC CONFERENCES (<http://www.apa.org/science/confer2.html>)

DUE: JUN 1 DEC 1

WRITE: Attn: Deborah McCall

APA Science Directorate
750 First Street, NE
Washington, DC 20002-4242

E-MAIL: dmccall@apa.org

PHONE: 202/336-6000

The Science Directorate of the American Psychological Association (APA) is seeking proposals for research conferences in psychology. The purpose of this program is to promote the exchange of important new contributions and approaches in scientific psychology.

ELIGIBILITY: One of the primary organizers must be a member of APA. Only academic institutions accredited by a regional body may apply. Independent research institutions must provide evidence of affiliation with such an accredited institution. Joint proposals from cooperating institutions are encouraged. Conferences may be held only in the United States, its possessions, or Canada.

FUNDING: Grant money, ranging from \$500 to \$20,000, is available for each scientific conference. The conference must also be supported by the host institution with direct funds, in-kind support, or a combination of the two.

CENTER FOR ADVANCED STUDY IN BEHAVIORAL SCIENCES

- POSTDOCTORAL RESIDENTIAL FELLOWSHIPS
(http://www.casbs.org/programs.php?snav=programs_fellows.html)

DUE: anytime, nominations

WRITE: Center for Advanced Study in the Behavioral Sciences

75 Alta Road
Stanford, CA 94305
E-MAIL: info@casbs.org
PHONE: 650/321-2052
FAX: 650/321-1192

The cornerstone of the Center is the Residential Fellows program. The basic elements of this program, which crystallized early in the Center's history, include year-long residential fellowships for up to 48 invited scholars who are free to work on whatever scholarly projects they think important. The Center's nomination and selection process is unique among academic institutions. Any scholar can nominate another for a fellowship, but in practice most nominations come from administrators and former Fellows. The Center identifies, evaluates, and recruits scholars from disciplines in human biology, the social sciences, and the humanities. At present, the Center's database contains more than 3,000 active nominees, who are evaluated annually by panels of their disciplinary peers to assess their qualifications for a fellowship. Fewer than one percent of these "actives" will ever be made eligible, underscoring the extreme selectivity of the Center's program. By picking top scholars, surrounding them with peers from many disciplines, freeing them from the demands of normal academic life, and giving them free rein with respect to work, the Center serves as an important incubator of innovation. The result is a track record of unparalleled achievement.

CAMILLE AND HENRY DREYFUS FOUNDATION, INC.

- HENRY DREYFUS TEACHER-SCHOLAR AWARDS PROGRAM (<http://www.dreyfus.org/th.shtml>)

DUE: JUN 29, nominations

WRITE: The Camille and Henry Dreyfus Foundation, Inc.
555 Madison Avenue, 20th Floor
New York, NY 10022-3301

E-MAIL: admin@dreyfus.org

PHONE: 212/753-1760

In 1969 the Camille and Henry Dreyfus Foundation established the Camille and Henry Dreyfus Teacher-Scholar Awards Program to support the teaching and research careers of talented young faculty in the chemical sciences. Based on institutional nominations, the program was designed to provide discretionary funding to faculty at early stages in their careers. Criteria for selection included an independent body of scholarship and a commitment to education that signaled the promise of continuing outstanding contributions to both research and teaching. In 1993 the Foundation divided the program into two parallel awards, the Camille Dreyfus Teacher-Scholar Awards Program and the Henry Dreyfus Teacher-Scholar Awards Program. Both programs are intended to support and encourage young scholars who demonstrate excellence in both research and teaching. However, the two programs have different emphases and references. The Camille Dreyfus Teacher-Scholar Awards Program is focused primarily on individual research attainment and promise, but evidence of excellence in teaching is also expected. The Henry Dreyfus Teacher-Scholar Awards Program is based on accomplishments in scholarly research with undergraduates, as well as a compelling commitment to teaching.

ELIGIBILITY: Institutions in the States, Districts, and Territories of the United States of America that grant a bachelor's or higher degree in chemistry, chemical engineering, or biochemistry may submit nominations to the Henry Dreyfus Teacher-Scholar Awards Program. Nominees must hold a full-time tenure-track academic appointment, be between the fourth and twelfth years of their independent academic careers, and engage in research and teaching primarily with undergraduates. Awardees are typically in departments that do not grant a doctoral degree. Institutions may submit only one Henry Dreyfus nomination annually.

FUNDING: The Henry Dreyfus Teacher-Scholar Award provides a \$60,000 unrestricted research grant.

- SPECIAL GRANT PROGRAM IN THE CHEMICAL SCIENCES (<http://www.dreyfus.org/sg.shtml>)

DUE: JUN 1, preliminary proposal; AUG 24, full proposal

WRITE: The Camille and Henry Dreyfus Foundation, Inc.
555 Madison Avenue, 20th Floor
New York, NY 10022

E-MAIL: admin@dreyfus.org

PHONE: 212/753-1760

The Camille and Henry Dreyfus Special Grant Program in the Chemical Sciences offers support to eligible institutions for projects that propose to advance the science of chemistry in

innovative ways. Proposals are invited in any area consistent with the Foundation's broad objective of advancing the chemical sciences. For projects that require sustaining support, note that the Special Grant Program is intended to seed the initial phases, with the expectation that grant recipients will find continuing funding from other sources.

ELIGIBILITY: Institutions in the States, Districts, and Territories of the United States of America that have a focus in the chemical sciences are eligible and may submit a preliminary inquiry to the Special Grant Program in the Chemical Sciences. Institutions include schools, colleges and universities, as well as other not-for-profit organizations, such as museums and libraries. Awards are not made directly to individuals.

HAGLEY MUSEUM AND LIBRARY

- SHORT-TERM GRANTS-IN-AID (<http://www.hagley.lib.de.us/grants.html>)

DUE: JUN 30 OCT 31 MAR 31

WRITE: Center for the History of Business, Technology, and Society

Hagley Museum and Library

P.O. Box 3630

Wilmington, DE 19807-0630

E-MAIL: info@hagley.org

PHONE: 302/658-2400

FAX: 302/655-3188

Short-term grants-in-aid support visits to Hagley for scholarly research in the imprint, manuscript, pictorial, and artifact collections. They are designed to assist researchers with travel and living expenses while using the research collections. Scholars receive a stipend, make use of the research holdings, and participate in the programs of the Center for the History of Business, Technology, and Society.

ELIGIBILITY: These grants are to support serious scholarly work. They are available to both degree candidates and senior scholars and writers working independently as well as college and university teachers, librarians, archivists, museum curators, and scholars from fields other than humanities. Scholars are expected to participate in seminars which meet periodically, as well as attend noontime colloquia, lectures, and other public programs offered during their tenure. Low cost housing may be available on the museum grounds.

FUNDING: Stipends are for a minimum of two weeks, maximum of two months at no more than \$1,600 per month.

- HENRY BELIN DU PONT FELLOWSHIP (<http://www.hagley.lib.de.us/grants.html>)

DUE: JUN 30 OCT 31 MAR 31

WRITE: Center for the History of Business, Technology, and Society

Hagley Museum and Library

P.O. Box 3630

Wilmington, DE 19807-0630

E-MAIL: info@hagley.org

PHONE: 302/658-2400

FAX: 302/655-3188

These fellowships honor the memory of Henry Belin du Pont, a founding trustee and long-time supporter of Hagley. The Henry Belin du Pont Memorial Fund supports access to and use of Hagley's research collections. These fellowships are intended to support serious scholarly work. They enable scholars to pursue advanced research and study in the library, archival, and artifact collections of the Hagley Museum & Library.

ELIGIBILITY: Applicants must be from out of state and preference will be given to those whose travel costs to Hagley will be higher. Fellows are expected to participate in seminars which meet periodically, as well as attend noontime colloquia, lectures, and other public programs offered during their tenure. Low cost accommodations may be available on the museum grounds.

FUNDING: Stipends are for a minimum of two months and a maximum of six months at no more than \$1,600 per month.

POPULATION COUNCIL

- REPRODUCTIVE BIOLOGY AND IMMUNOLOGY POSTDOCTORAL FELLOWSHIP (<http://www.popcouncil.org/slr/biofellowships.html>)

DUE: anytime

WRITE: Population Council

Center for Biomedical Research

1230 York Avenue
New York, NY 10021

E-MAIL: biomed@popcbr.rockefeller.edu

PHONE: 212/327-8731

FAX: 212/327-7678

The Population Council offers fellowships to persons who wish to pursue advanced study in reproductive biology and immunology. Fellows train in the laboratories of the Council's Center for Biomedical Research. Fundamental biomedical research leads to innovative technical advances that will become the reproductive health products of the future. By its nature, this basic research is highly technical and under rapid change. There is an ongoing need in Council laboratories for highly skilled scientists who have been trained in modern medical science or in biomolecular research. In turn, young scientists from around the world need guidance and outstanding facilities to foster their transition to careers as independent investigators in the United States or in their home countries. The postdoctoral training program in reproductive biology and immunology at the Council's Center for Biomedical Research was designed to fulfill these complementary needs. Since its inception, the program has trained more than 460 investigators at the beginning of their research careers, contributing significantly to the professional resources of many countries in the developed and the developing world. In 2005, 17 biomedical fellows are in residence; eight fellowship recipients are women. The fellows are from Australia (2), China (6), France (1), Germany (1), Greece (1), India (2), Israel (1), Italy (1), Japan (1), and the United States (1).

ELIGIBILITY: Candidates must have successfully completed an advanced degree-M.D., Ph.D., or equivalent-and be proficient in English. Applications may be made in anticipation of receiving the doctoral degree, but the fellowship cannot begin until after the degree has been awarded. Fellowships are open to individuals of all countries. If the applicant is other than a United States citizen and enters this country on a Population Council-sponsored J-1 visa, s/he must have a strong commitment to return to her/his own country upon completion of the fellowship.

FUNDING: The starting stipend is \$38,160 per year for a candidate having just completed a doctoral degree. There are increments commensurate with experience. Fellowship awards are for full-time research training and study, and are made initially for one year. The aim of the program is to support two years of training, provided the preceptor and fellow agree on the second year.

ROBERT WOOD JOHNSON FOUNDATION

- LOCAL INITIATIVE FUNDING PARTNERS PROGRAM (<http://www.lifp.org/html/apply/cfp.html>)

DUE: JUL 6, Stage I materials; NOV 9, invited Stage II proposals

WRITE: Local Initiative Funding Partners Prog.

Health Rsch. & Ed. Trust of New Jersey

760 Alexander Road

Princeton, NJ 08543-0001

E-MAIL: info@lifp.org

PHONE: 609/275-4128

FAX: 609/419-0689

Through the Local Initiative Funding Partners (LIFP) program, the Robert Wood Johnson Foundation (RWJF) collaborates with local grant makers to improve health outcomes for the most vulnerable among us. Grant makers propose a funding partnership by nominating community initiatives that offer creative solutions to critical health or health care problems.

ELIGIBILITY: Applicants may be either public entities or nonprofit organizations that are tax-exempt under Section 501(c)(3) of the Internal Revenue Code and are not classified as a private foundation under Section 509(a).

FUNDING: LIFP provides grants of \$200,000 to \$500,000 per project, which must be matched dollar for dollar by local grant makers such as community foundations, family foundations, corporate grant makers and others. The total award is paid out incrementally over a three-year or four-year period. In 2007, up to \$6 million will be awarded through the program.

SPENCER FOUNDATION

- MAJOR RESEARCH GRANTS (http://www.spencer.org/programs/grants/major_grants.htm)

DUE: anytime, preliminary proposals

WRITE: Susan Dauber, Senior Program Officer

Major Research Grants Program

The Spencer Foundation

625 North Michigan Ave., Suite 1600
Chicago, IL 60611

E-MAIL: majgrant@spencer.org

PHONE: 312/274-6511

The Foundation has as its primary mission, by the intent of its founder, "to investigate ways in which education can be improved, around the world." The Foundation's Major Research Grants Program supports research projects requiring more than \$40,000. Research projects vary widely, ranging from medium-sized studies that can be completed within a year by an individual researcher to more extensive collaborative studies that last several years. The Major Grants program now accepts preliminary proposals that fit within one or more of four areas of inquiry: (a) The Relation between Education and Social Opportunity; (b) Organizational Learning in Schools, School Systems, and Higher Education Institutions; (c) Teaching, Learning, and Instructional Resources; and, (d) Purposes and Values of Education. In addition to proposals in these defined areas, the Foundation will continue to accept field-initiated proposals outside these areas.

ELIGIBILITY: Ordinarily, principal investigators applying for a Major Research Grant must be affiliated with a school district, a college or university, a research facility, or a cultural institution. Researchers must also have an earned doctorate in an academic discipline or professional field or appropriate experience in the teaching profession.

FUNDING: Major Grants typically range from less than \$100,000 to slightly more than \$400,000.

TOYOTA USA FOUNDATION

- GRANTS IN K-12 EDUCATION (<http://www.toyota.com/about/community/tusafoundation/>)
DUE: anytime

WRITE: Foundation Administrator

Toyota USA Foundation
9 West 57th Street, Suite 4900
New York, NY 10019

PHONE: 212/715-7486

The Toyota USA Foundation is committed to improving the quality of K-12 education by supporting innovative programs that improve the teaching and learning of mathematics and science. A high priority is placed on the following: (a) Systemic math and science programs which are broad in scope and incorporate interdisciplinary curriculum, "real world" classroom applications and high student expectations; (b) Creative and innovative programs which develop the potential of students and/or teachers; and (c) Cost-effective programs that possess a high potential for success with relatively low duplication of effort.

ELIGIBILITY: Applying organizations must be tax-exempt under the Internal Revenue Code section 501(c)3 and be located within and serve people in the U.S. Grants are made to accredited higher education institutions (colleges and universities), community colleges and vocational or trade schools, and to nonprofit organizations engaged in pre-collegiate math and/or science education. Not eligible are government agencies, individuals and for-profit businesses.

FUNDING: Recent grants have ranged from \$100,000 to \$255,000.

UNITED ENGINEERING FOUNDATION

- GRANTS (<http://www.uefoundation.org/grants.html>)
DUE: JUN 1, concept papers; AUG 1, invited formal proposals

WRITE: Dr. David L. Belden, Executive Director

United Engineering Foundation, Inc.
P.O. Box 70
Mount Vernon, VA 22121-0070

E-MAIL: engfnd@aol.com

PHONE: 973/244-2328

FAX: 973/882-5155

The United Engineering Foundation advances the engineering arts and sciences for the welfare of humanity. It supports engineering and education by, among other means, making grants. Grants should be consistent with advancing engineering. The UEF Board of Trustees evaluates and judges proposals in view of the UEF mission, the perceived ability of the proposal and proposer(s) to further that mission, and the available funding. While all proposals meeting established deadlines and page requirements will be considered, certain UEF preferences should be understood by proposers: (a) Broad-based, interdisciplinary proposals that further

the engineering profession as a whole are preferred. (b) Multiple-year proposals are welcome, but funding is awarded for a single year only. Proposals for subsequent years follow procedures identical to that of single-year proposals. No commitment for funding of subsequent years of a multiple-year project should be inferred from funding of a prior year. (c) Projects that are outside "business as usual" of the proposing organization are preferred. (d) Technical research proposals and proposals by individuals are seldom accepted.

ELIGIBILITY: Proposals are accepted from not-for-profit organizations, individuals, and groups of such entities.

FUNDING: It is anticipated that total funding available for 2007 will be in the \$400,000 to \$600,000 range.

U.S. GEOLOGICAL SURVEY

- NATIONAL EARTHQUAKE HAZARDS REDUCTION PROGRAM
(<http://www.grants.gov/search/search.do?mode=VIEW&oppld=8158%20>)

DUE: MAY 2

WRITE: Jennifer L. Arnold
Earthquake Hazards Reduction Program
USGS

12201 Sunrise Valley Drive
Reston, VA 20192

E-MAIL: jlarnold@usgs.gov

PHONE: 703/648-7304

The purpose of NEHRP is to provide products for earthquake loss reduction to the public and private sectors and by carrying out research on earthquake occurrence and effects.

ELIGIBILITY: Applications may be submitted by educational institutions, private firms, private foundations, individuals, and agencies of state and local governments.

FUNDING: It is estimated that \$6 million will be available for total program funding.

WENNER-GREN FOUNDATION FOR ANTHROPOLOGICAL RESEARCH, INC.

- CONFERENCES AND WORKSHOPS (<http://www.wennergren.org/progconference.asp>)

DUE: JUN 1 DEC 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

PHONE: 212/683-5000

FAX: 212/683-9151

CONFERENCE GRANTS: Grants for amounts up to \$15,000 are available to the organizers of conferences. Priority is given to public conferences sponsored by international scholarly organizations (for example, the IUAES and EASA) that serve as their annual or periodic meetings and to working conferences that address broad research issues in anthropology (rather than region-specific) and provide for intensive interaction among participants.

WORKSHOP GRANTS: Grants for amounts up to \$10,000 are available to the organizers of workshops. Generally smaller than conferences, workshops focus on defining or developing topics for further research. Priority is given to workshops focusing on what basic research in anthropology can say to important public issues.

- INTERNATIONAL COLLABORATIVE RESEARCH GRANTS
(<http://www.wennergren.org/progicrs.asp>)

DUE: JUN 1 DEC 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

PHONE: 212/683-5000

FAX: 212/683-9151

International Collaborative Research grants are available to assist anthropological research projects undertaken jointly by two (or more) investigators from different countries. The purpose of the program is to encourage new collaborations in which the principal investigators bring different and complementary perspectives, knowledge, and/or skills. Priority is given to

new collaborations, but an independent project within a larger, long-term collaboration can be considered.

ELIGIBILITY: Projects must involve at least one principal investigator from outside the United States, Canada, Western Europe, Australia, or New Zealand. Both investigators must meet the qualification for Post-Ph.D. Grants (i.e., holding the doctorate or equivalent in anthropology or a related discipline).

FUNDING: Grants are made for up to \$30,000 and are renewable for a second period of research.

NEW ANNOUNCEMENTS for Postdocs, Graduates and Undergrads

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

Postdoctoral and Graduate Student Funding Opportunities

Alzheimer's Foundation of America

- Brodsky Grant: Alzheimer Innovative Care Programs
(http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3701)
Deadline: MAY 02

American Association of Physicists in Medicine

- Fellowship for Graduate Study in Medical Physics
(http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3699)
Deadline: APR 15

American Federation for Aging Research

- The 2006 Glenn/AFAR Breakthroughs in Gerontology Awards
(http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3708)
Deadline: MAY 01

American Foundation for Aging Research

- AFAR Richard E. Shepherd Award
(http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3717)
Deadline: None
- Cecille Gould Fund (http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3716)
Deadline: None
- General AFAR Grants (http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3718)
Deadline: None

American Heart Association

- AHA-Established Investigator Award
(http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=1473)
Deadline: JUL 11
- AHA-Scientist Development Grant (http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=1472)
Deadline: JUL 11

American Heart Association-Heartland Affiliate

- Heartland Affiliate - Beginning Grant-in-Aid
(http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=1655)
Deadline: JUL 12
- Heartland Affiliate - Grant-in-Aid (http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=1787)
Deadline: JUL 12
- Heartland Affiliate - Postdoctoral Fellowship
(http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=1653)
Deadline: JUL 12

American Heart Association-Heartland Affiliate

- Heartland Affiliate - Predoctoral Fellowship
(http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=1649)
Deadline: JUL 12

American-Italian Cancer Foundation

- International Cancer Research Opportunities
(http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3705)
Deadline: None

Bial Foundation

- Bial Merit Award for Medical Sciences
(http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3698)
Deadline: OCT 31

Centers for Disease Control & Prevention

- Prevention of Airborne Infections in Occupational Settings
(http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3704)
Deadline: APR 18

Horses and Humans Foundation

- Horses and Humans Grant for Equine-Assisted Activities
(http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3710)
Deadline: JUN 30

Human Growth Foundation

- Human Growth and Development (http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3702)
Deadline: MAY 01

March of Dimes Birth Defects Foundation

- Premature birth: cause/prevention research
(http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3703)
Deadline: APR 15

Mesothelioma Applied Research Foundation, Inc.

- Mesothelioma Research Grants (http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=1900)
Deadline: AUG 15

Missouri Botanical Garden

- Elizabeth E. Bascom Fellowships in Botany for Latin American Women
(http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3685)
Deadline: JUL 1

National Organization for Rare Disorders, Inc. (NORD)

- Research Seed Money Grant For Adenoid Cystic Carcinoma
(http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3712)
Deadline: MAY 01
- Research Seed Money Grant For Cat Eye Syndrome
(http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3713)
Deadline: MAY 01
- Research Seed Money Grants for Olivopontocerebellar Atrophy (OPCA)
(http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3714)
Deadline: MAY 01
- The NORD/Roscoe Brady Lysosomal Storage Diseases Fellowships
(http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3711)
Deadline: MAY 01

Office of Health Affairs University-wide AIDS Research Program

- Biomedical Translational Postdoctoral Fellowships
(http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3700)
Deadline: MAY 02

Radiological Society of North America, Inc.

- RSNA Travel Awards for Young Scientists
(http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3697)
Deadline: APR 15

Society of Systematic Biologists

- Scholarships and travel awards for scientists from developing countries to obtain systematics training in the US (http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3684)
Deadline: MAR 31

The Lance Armstrong Foundation

- Basic and Clinical Science of Testicular Cancer
(http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3707)
Deadline: APR 24
- Cancer Survivorship Research (http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3706)
Deadline: APR 24

Transatlantic Environmental Biotechnology Fellowship

- Transatlantic Environmental Biotechnology Fellowship
(http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3696)
Deadline: None

US Environmental Protection Agency (EPA)

- Consequences of Global Change For Air Quality
(http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3721)
Deadline: JUN 20

Funding Opportunities for Undergraduates

American Association for the Advancement of Science (AAAS)

- Merck/AAAS Undergraduate Science Research Program
(http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=1810)
Deadline: NOV 03

American Foundation for Aging Research

- Cecille Gould: undergraduate award
(http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3720)
Deadline: None

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)
Deadline: JUN 30

Oak Ridge Institute for Science & Education

- Student Research Participation at the US Army Research Laboratory
(http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=194)
Deadline: None

University of Kentucky

- Research Experience for Undergraduates
(http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3709)
Deadline: APR 10
-

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.

NEWS

TOP STORIES

RESEARCH & COMMERCIALIZATION NEWS

- The University of Missouri to Honor Faculty Inventors and Entrepreneurs at the 2006 Technology Transfer Showcase (*Also, UM-St. Louis Inventor Update*)
- Universities Forgo Millions Over Strings Attached to a Foundation's Grants
- The Better World Project Shows How Technology Transfer Changes Millions of Lives
- Nanotechnology Research Highlights
 - New Nanotechnology Center at UMC Opens April 7
 - Small Bits From the World of Nanotechnology
- Republican Split on Stem Cells Creates Political 'Wedge' Issue
- Institutions in Research Categories, New and Old

The University of Missouri to Honor Faculty Inventors and Entrepreneurs at the 2006 Technology Transfer Showcase *Also, UM-St. Louis Inventor Update*

The University of Missouri System President Elson S. Floyd and the Office of Technology and Special Projects will honor faculty involved over the last year in invention disclosures, patents, licensing and start-up companies at the 2006 Technology Transfer Showcase in Columbia, April 20.

Watch for photos and information from this year's showcase next month.

At the 2004 showcase, UM-St. Louis' Dr. Zhi Xu, Department of Chemistry & Biochemistry, was recognized as Entrepreneur of the Year for his work in optical spectroscopy, which uses light to determine the presence and identify a wide variety of substances. Xu has disclosed 10 inventions to the University of Missouri-St. Louis since 2002, most in collaboration with David Larsen, professor emeritus in chemistry.

Four of the Xu/Larsen inventions have patents filed on them, and one of the technologies was licensed in 2003 to Alltech Associates, now part of W.R. Grace. The original product, Alltech's ELSD 2000ES, developed from this licensed technology had gross sales from June 2004 through December 2005 of \$3,350,916, bringing in nearly \$135,000 to the University. The next generation of the product, the Alltech® 3300 ELSD, was launched internally at Alltech Associates on March 03, 2006, and is marketed as the most sensitive evaporative light scattering detector available, which is made possible by Dr. Xu and Dr. Larsen's technology.

From the School of Optometry, Dr. Carl Bassi and Michael Howe, along with Wayne Garver from Physics, submitted three invention disclosures in 2005, two of which have provisional patent applications filed and the other with a provisional patent application in process. All three inventions show good commercial viability: one measures light sensitivity, or photophobia, in individuals; another quantifies visual suppression experienced by patients; and the third automates the most reliable color deficiency tests already on the market, making the testing process much quicker and eliminating human errors in scoring.

Dr. Chris Spilling and Dr. Wes Harris, Chemistry and Biochemistry, have seen their collaboration with researchers at the University of Kentucky grow over the last several months. The team has formed a company in Kentucky (ALKYMOS) around their research on methods for removing commonly found aluminum from feeding solutions for premature infants. Aluminum can be toxic, especially in underdeveloped premature babies, to the skeletal system (metabolic bone disease), the brain (impaired mental development), and bone marrow (producing anemia). The University of Kentucky Research Foundation, as lead institution in the project, is in the process of filing a patent application on their technology.

UM-St. Louis is currently working to license software created by Eric Aplyn's team in the Technology Innovation Group in the College of Education. And, in an interesting twist, the University has received a technology invention disclosure from the Department of History. Watch for more information. *

Universities Forgo Millions Over Strings Attached to a Foundation's Grants

Excerpted from The Chronicle of Higher Education
By Goldie Blumenstyk

News that one of the wealthiest entrepreneurs in the United States is getting ready to provide \$2-billion to set up endowments at more than a dozen universities has sent university leaders at some of the nations' top research universities scrambling to make their a case for a piece of the pie.

But now, as officials are learning more about the conditions attached to the money offered by the Alfred E. Mann Foundation for Biomedical Engineering, several universities are growing uneasy about the idea. Their fear: The agreements, to establish Alfred Mann Institutes at 12 to 15 universities -- with endowments ranging from \$100-million to \$200-million each -- in order to develop the commercial potential of biomedical-research findings, may be as much a strategy to control patent rights as they are an act of philanthropy.

A few, including the Johns Hopkins University and, initially, Emory University and the Georgia Institute of Technology, have turned their backs on the money.

Those decisions, communicated delicately and in private, for fear of antagonizing or embarrassing a prominent philanthropist whom they might still hope to court as a future benefactor, have not been easy for the universities involved.

For many research institutions, the foundation's broad approach, modeled after an institute established at the University of Southern California in 1998, is an appealing one, particularly as universities have begun investing in projects to more quickly translate their basic research into medical treatments, diagnostic tests, or other useful products.

What's more, officials say the proposed Alfred Mann Institutes could help them deal with one of their greatest challenges to moving ideas to the marketplace: finding the money and expertise to develop a researcher's early-stage idea to the point where it will attract a commercial licensee or investor looking to build a company around it.

Even so, the idea that has been attractive to many in its broad strokes is far less so as the finer details begin to emerge. Many universities also are now realizing that the money the foundation is offering is neither a gift -- the funds would not go the colleges but would endow affiliated nonprofit entities -- nor support for the kind of basic or applied research that typically is undertaken at a university. *

Read the complete article on the [Chronicle of Higher Education Web site](http://chronicle.com/free/2006/03/2006031001n.htm) (<http://chronicle.com/free/2006/03/2006031001n.htm>).

The Better World Project Shows How Technology Transfer Changes Millions of Lives

From AUTM Press Release

March 03, 2006



New medicines, electronics, educational tools and numerous other inventions based on academic research have improved the lives of millions of people around the world. The Better World Project, launched March 03, 2006, by the nonprofit organization the Association of University Technology Managers, describes more than 100 of these breakthroughs, which probably wouldn't exist today if not for the practice of technology transfer.

"This project will pique the interest of anyone who's ever wondered 'Where did that come from?'" AUTM president John Fraser says. Readers can learn the stories behind the Google™ search engine,

Honeycrisp apple, V-chip, cochlear implant, Habitrol® nicotine patch and more than 100 other products used in health care, environmental protection, agriculture, safety and 16 other fields.

"The Better World Project shows how technology transfer — the process of licensing and commercializing academic research — improves people's lives, contributes to the economy and supports tomorrow's discoveries," says Fraser, who also is director of the Office of IP Development and Commercialization in Florida State University's Office of Research.

"The printed and online resources comprising The Better World Project share a remarkable collection of human interest stories that truly convey the importance of research and technology transfer in the world today, in terms we all can grasp and appreciate," Fraser says.

A key element of the project is *The Better World Report*, a book containing 25 in-depth articles drawn from the hundreds of technology transfer cases contributed by AUTM members in the U.S. and Canada. In this first-ever anthology of technology transfer success stories, readers hear from the research teams as well as the people who rely on their innovations.

Another important component of the project is the *Reports From the Field* publication, which includes 100 short stories about products now used in areas from biotechnology to veterinary science. The stories — contributed by academic institutions in nearly every state and province in the U.S. and Canada — show the breadth of academic research and how it leads to so many products that people use every day.

The Better World Project Online at <http://www.betterworldproject.net> is a searchable database that gives readers an easy way to look up stories published in *The Better World Report* and *Reports From the Field* — and it will soon include stories from Europe, Asia and Australia. *

Download PDF Files of Printed Reports

The Better World Report

Technology Transfer Stories: 25 Innovations That Changed the World

http://www.autm.net/documents/AUTM_BWR.pdf (1 MB)

Reports From the Field

Technology Transfer Works: 100 Cases From Research to Realization

<http://www.autm.net/documents/06ReportsFromField.pdf> (1.2 MB)

Review Better World Project Online

Search a growing database containing more than 100 product stories:

<http://www.autm.net/products/index.cfm/fuseaction/home.home>

NANOTECHNOLOGY RESEARCH HIGHLIGHTS

New Nanotechnology Center at UMC Opens April 7

UM-St. Louis Chancellor Tom George and Associate Professor Phil Fraundorf to Speak at Dedication Ceremony

Advanced technology research in Missouri will get a boost April 7 with the opening of the MU College of Engineering's new nanotechnology center.

The CoE Center for Micro/Nano Systems and Nanotechnology will research and develop highly miniaturized technology — so-called "nanotechnology" — that can be used for both military and private purposes. While the CoE already conducts such research, the center will gather and focus nanotechnology research across campus and academic disciplines.

"We'll be working on technology that will not only have an impact on national defense needs, but that will also lead to economic development in Missouri," said Shubhra Gangopadhyay, an electrical and computer engineering professor who will direct the center.

At the center dedication on the evening of April 7, UM-St. Louis Chancellor Tom George and Phil Fraundorf, Associate Professor of Physics, will outline the St. Louis campus' work toward an "open architecture in nanotechnology research," highlighting that key research centers at UMSL are being

restructured to facilitate collaborative work in nanotechnology and allow regional research entities to collaborate using jointly appointed scientists and jointly acquired instrumentation.

The key centers include the Center for Molecular Electronics and the Center for Neurodynamics.

Currently, UM-St. Louis is involved in several nanotechnology collaborations, along with various in-house research projects:

- Self-assembling organic nanostructures
 - UMSL; University of Illinois at Chicago; Indiana State University; Argonne National Laboratory
- Carbon nanotube studies
 - UMSL; University of Missouri-Rolla; Missouri State University; Washington University
- Silicon-on-insulator and direct bonding studies
 - UMSL; MEMC Electron Materials
- TiZr Oxide nanowire studies
 - UMSL; Saint Louis University
- Development of sophomore-level nanotechnology textbook
 - UMSL; Rose-Hulman Institute of Technology; Indiana State University; University of Wisconsin-Stevens Point; Supported by the National Science Foundation
- Theoretical studies of carbon clusters, nanotubes and diamondoids (Tom George, Chemistry)
- Nanoscale engineering for reducing phase noise in electronic devices (Peter Handel, Physics)
- Laboratory studies of unlayered graphene phases condensed in red giant atmospheres (Phil Fraundorf, Physics)
- High resolution spectroscopy and gas-phases analysis (Jim O'Brien, Chemistry)
- Ultrasensitive optical spectroscopy (Zhi Xu, Chemistry)
- Molecular mono- and bi-layer studies (Keith Stine, Chemistry)
- Molecular beam epitaxy of GaInN heterostructures (Dan Leopold, Chemistry and Physics)
- Atomic force microscopy studies of amyloid protein aggregates (Mike Nichols, Chemistry)

Small Bits from the World of Nanotechnology

A collection of research going on in nanotechnology across the world. Excerpted from Technology Research News (TRN) <http://www.trnmag.com/>.

Mighty Molecular Motor

Scientists have made several types of single-molecule rotary motors. The challenge is getting them to do useful work.

Researchers from the University of Groningen, Eindhoven University of Technology and Philips Research Laboratories, all in the Netherlands, have developed a rotor molecule that can rotate a microscopic glass rod. The molecular motor is driven by a combination of ultraviolet light and heat.

When dispersed at a concentration of one percent in a liquid crystal film, the molecule's motion rotates patterns in the liquid crystal's surface texture. This in turn can spin a 28-micron-long, 5-micron-wide glass rod in about 10 minutes.

Molecular motors will be needed to power nanoscale devices, including those that open hatches on microscopic capsules for delivering drugs inside the body. (Nanomotor Rotates Microscale Objects, *Nature*, March 9, 2006)

Molecular Pedal Power

A molecule uses light-driven pedals to twists an attached rotor molecule, a step forward for molecular machines. Connecting multiple molecular devices in this way could provide control mechanisms for smart materials, smart drugs and nanomechanical devices. (Mechanical twisting of a guest by a photoresponsive host, *Nature*, March 23, 2006)

Precision Positioning with DNA

A combination of self-assembled networks of DNA and protein molecules and protein molecules that can address the network at the molecular level makes it possible to build nanodevices molecule-by-molecule and to precisely place molecules into arrays for biomedical

testing. (Macroscopic 2D Networks Self-Assembled from Nanometer-Sized Protein/DNA Complexes, *Nano Letters*, March 8, 2006)

Nano Metronome

A nanoscale metronome identifies DNA strands at the level of individual base pairs. The four-arm DNA molecule rapidly switches back and forth between shapes, changing speed when specific strands of DNA attach to two of the arms. It could be used to identify DNA strands that differ by as little as a single base pair. (Single Molecule Nanometronome, *Nano Letters*, March 8, 2006)

Printing Nanocircuits

A nanoscale printing process forms memory that holds as much as 100 gigabits per square centimeter -- 12 times the density of today's flash memory chips. (Circuit Fabrication at 17 nm Half-Pitch by Nanoimprint Lithography, *Nano Letters*, March 8, 2006)

Foundry in a Fiber

A method for chemically assembling nanoscale metal and semiconductor wires, tubes and circuits inside hollow optical fibers promises a simple route to making long nanodevices and devices that combine light and electricity. The technique could be used to make chemical and light sensors and new types of lasers. (Microstructured Optical Fibers as High-Pressure Microfluidic Reactors, *Science*, March 17, 2006)

Fuel Cell Muscles

A pair of artificial muscles made from carbon nanotubes also work as fuel cells that generate their own power from hydrogen or methanol. The fuel-based artificial muscles could be used to drive robots and micro machines sans batteries. (Fuel-Powered Artificial Muscles, *Science*, March 17, 2006)

Nanotube Circuit

A single carbon nanotube forms the backbone of an integrated logic circuit of 12 transistors. The work shows that carbon nanotubes could complement or eventually replace today's silicon circuitry. (An Integrated Logic Circuit Assembled on a Single Carbon Nanotube, *Science*, March 24, 2006)

Republican Split on Stem Cells Creates Political 'Wedge' Issue

From Bloomberg.com

March 22, 2006

In 2002, when he was an 18-year-old freshman at the U.S. Air Force Academy, Jeff McCaffrey was paralyzed from the waist down in a car accident. A Catholic and opponent of abortion, McCaffrey is now an ardent campaigner for research using stem cells from human embryos.

"I have no moral qualms," said McCaffrey. "It is simply cells," he said in a telephone interview. "Scientists can make those stem cells that are blank turn into spinal cells and heal my injury."

People such as McCaffrey present a quandary for Republicans, who are split over whether to allow federal funding for research on new stem cells from human embryos. Senate Democrats plan to force a debate on the issue in the coming months and use it in the campaign leading up to the November elections.

Republicans plan their own debate over bioethics in an effort to limit the damage from letting stem cells become "a wedge issue that divides Republicans," Senate Majority Leader Bill Frist said in an interview.

Republicans in the past often have benefited from such "wedge issues" -- subjects that divide Democrats' constituencies, such as gun control, abortion and gay marriage. Stem-cell research may be one of the first wedge issues that hurts Republicans more because of President George W. Bush's stand against it; polls show a majority of the public disagrees with him.

"Stem-cell research could define '06 Senate races," to the advantage of Democrats, said Phil Singer, a spokesman for the Democratic Senatorial Campaign Committee. *

Read complete article, including comments from William Neaves, director of the Stowers Institute for Medical Research in Kansas City, along with discussion of the state of stem cell research politics in Missouri:

http://www.bloomberg.com/apps/news?pid=10000087&sid=anWRnkrT98Ss&refer=top_world_news

Institutions in Research Categories, New and Old

Excerpted from The Chronicle of Higher Education

Following are the definitions of the three new categories of doctorate-granting institutions, from the Carnegie Foundation for the Advancement of Teaching:

Institutions were included in these categories if they awarded at least 20 doctorates in 2003-4.* Institutions with lower levels of doctorate production can be identified using the Graduate Instructional Program classification.

The research index is based on the following correlates of research activity:

- research-and-development expenditures in science and engineering**
- research-and-development expenditures in non-science-and-engineering fields
- science-and-engineering research staff
- doctoral conferrals in humanities fields, social-science fields, science, technology, engineering, and mathematics fields, and professional fields

Reporting of non-science-and-engineering expenditures was mandatory for the first time for the fiscal-2003 survey, but not all institutions reported those data. Of 277 institutions analyzed, 53 did not report non-science-and-engineering expenditures. For those institutions, we implemented a regression-based imputation scheme to fill in the missing data.

* *Doctoral-level degrees required to enter professional practice (J.D., M.D., Pharm.D., D.P.T., etc.) were not counted for the purpose of this criterion.*

** *"Science and engineering" is defined by the National Science Foundation to include the social sciences.*

For more information, visit the Carnegie Foundation web site:

<http://www.carnegiefoundation.org/classifications/>

Doctorate-granting Universities

RU/VH: Research Universities (very high research activity)

RU/H: Research Universities (high research activity)

DRU: Doctoral/Research Universities

How UM-St. Louis is Classified:

University of Missouri-St. Louis	
Level:	<i>4-year or above</i>
Control:	<i>Public</i>
Classification	Category
Undergraduate Instructional Program:	<i>Bal/HGC: Balanced arts & sciences/professions, high graduate coexistence</i>
Graduate Instructional Program:	<i>Doc/Prof: Doctoral, professional dominant</i>
Enrollment Profile:	<i>HU: High undergraduate</i>
Undergraduate Profile:	<i>MFT4/S/HTI: Medium full-time four-year, selective, higher transfer-in</i>
Size and Setting:	<i>M4/NR: Medium four-year, primarily nonresidential</i>
Basic Classification:	<i>RU/H: Research Universities (high research activity)</i>