



University of Missouri-St. Louis, Office of Research Administration Newsletter
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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).

Awards

Recent Externally Funded Awards, July 2005

Marcel Bechtoldt, Faculty Instructional Support, awarded \$24,101 for "St. Louis STD/HIV Prevention Training" by the St. Louis City Health Department.

John G. Blake, Biology, awarded \$8,693 for "Bird Ecology and Conservation in Southern South America: Theory and Practice" by the Department of the Interior.

Robert J. Bursik, Jr., Criminology & Criminal Justice, awarded \$35,000 for "Violent Crime Trends in Appalachian Counties, 1977-1996" by the National Institute of Justice.

Susan M. Catapano, Teaching & Learning, awarded \$3,500 for "Something Beautiful in Every Neighborhood" by Southwest Missouri State University.

Margaret W. Cohen, Academic Affairs, awarded \$5,000 for "Expanding the Infrastructure to Promote Service-Learning" by Southwest Missouri State University.

Curtis C. Coonrod, Student Affairs, and **Donald William Mertz**, Center for Academic Development, awarded \$234,229 for "Student Support Services Program" by the U.S. Department of Education.

Peggy A. Ellis, College of Nursing & Health Studies, awarded \$59,971 for "Advanced Education Nursing Traineeship" by the Health Resources & Services Administration.

Anthony Georges, Student Financial Aid, awarded \$3,370,165 for "Federal Pell Grant Program 2005 - 2006" by the U.S. Department of Education.

Anthony Georges, Student Financial Aid, awarded \$234,508 for "Federal SEOG Grant Program 2005 - 2006" by the U.S. Department of Education.

Anthony Georges, Student Financial Aid, awarded \$736,225 for "FEDERAL WORK STUDY COMMUNITY SERVICE PROGRAM 2001-2002" by the U.S. Department of Education.

Harold H. Harris, Chemistry and Teaching & Learning, awarded \$8,400 for "Chemistry Textbooks in Print-On-Line" by the Journal of Chemistry Education.

Robert N. Harris, Child Advocacy Center, awarded \$6,067 for "Safety Net" by the Children's Trust Fund.

Alan D. Heisel, Communication, awarded \$3,500 for "Information Dissemination Campaign" by Southwest Missouri State University.

Sharon D. Johnson, Social Work, awarded \$137,417 for "Developmental Psychopathology & Maternal Substance Use" by the National Institutes of Health.

Patricia G. Parker, Biology, and **Diego Santiago Alarcon**, Biology, awarded \$8,983 for "Genetic Structure and Colonization of the Galapagos Archipelago by Haemosporidian Parasites (Phylum: Apicomplexa) Infecting the Galapagos Dove (*Zenaida galapagoensis*)" by the St. Louis Zoo.

Patricia G. Parker, Biology, **Charles R. Granger**, Biology, **Bette A. Loiselle**, Biology, and **Patrick L. Osborne**, Biology, awarded \$530,581 for "Missouri Science Teaching and Education Partnerships (MO-STEP)" by the National Science Foundation.

Thomas R. Schnell, II, Educational Leadership & Policy, awarded \$73,616 for "Regional Professional Development Center Compliance Consultant" by the Missouri Department of Elementary and Secondary Education.

Diane Scollay, Continuing Education & Outreach, awarded \$47,000 for "National Writing Project" by the National Writing Project Corp.

Patricia E. Simmons, Teaching & Learning, awarded \$79,912 for "St. Louis Center for Inquiry in Science Teaching and Learning" by Washington University.

Mark Tranel, Public Policy Research Centers, awarded \$245,330 for "St. Louis Housing Authority Hope VI/Cochran Gardens Evaluation" by Cochran Redevelopment Partners, LLC.

Mark Tranel, Public Policy Research Centers, awarded \$19,000 for "St. Louis Lead Prevention Coalition & Tenant Lead Study" by the St. Louis Lead Preventer Coalition.

Lon A. Wilkens, Biology, awarded \$284,800 for "Electrosensory processing in plankton capture by the paddlefish" by the National Science Foundation.

Gayle A. Wilkinson, Teaching & Learning, awarded \$263,824 for "Career Transition Certification Program" by the Missouri Department of Elementary and Secondary Education.

TOTAL: \$6,419,822

FY 2005 Funding Statistics

Awards by Department

CSD	Department	No. of Awards	\$ Awarded
	Center for Academic Development	0.50	113,704
	<i>Center for Academic Development</i>	0.50	113,704
	Center for International Studies	9.43	272,927
	<i>Center for International Studies</i>	9.43	272,927
	Center for the Humanities	2.00	4,150
	<i>Center for the Humanities</i>	2.00	4,150
	Chancellor-Special Units	2.00	112,243
	<i>Special Units Chancellor</i>	2.00	112,243
	College of Arts & Sciences	73.85	6,596,710
	<i>Anthropology</i>	2.10	64,999
	<i>Biology</i>	28.53	3,251,931
	<i>Chemistry</i>	10.13	1,012,765
	<i>Child Advocacy Center</i>	10.00	706,384
	<i>Criminology & Criminal Justice</i>	4.00	180,752
	<i>Economics</i>	1.00	34,647
	<i>English</i>	1.00	3,400
	<i>History</i>	1.50	18,622
	<i>Mathematics & Computer Science</i>	2.10	165,076
	<i>Physics and Astronomy</i>	5.50	339,608
	<i>Political Science</i>	1.00	76,999
	<i>Psychology</i>	1.50	45,425
	<i>Social Work</i>	5.50	696,103
	College of Business Administration	3.50	240,769
	<i>College of Business Administration</i>	2.00	173,672
	<i>Dean College of Business</i>	1.50	67,097
	College of Education	21.37	4,442,922
	<i>Counseling - College of Education</i>	1.33	197,402
	<i>Dean College of Education</i>	3.00	515,558
	<i>Educational Leadership & Policy Studies</i>	4.90	1,075,572
	<i>Educational Psychology</i>	3.50	282,060
	<i>Teaching & Learning</i>	8.64	2,372,330
	College of Fine Arts & Communication	7.00	28,372
	<i>Art & Art History</i>	2.00	12,572
	<i>Communication</i>	2.00	2,500
	<i>Dean-College Fine Arts & Comm</i>	3.00	13,300
	College of Nursing & Health Studies	4.00	390,757
	<i>College of Nursing & Health Studies</i>	4.00	390,757
	College of Optometry	1.00	101,918

	<i>College of Optometry</i>	1.00	101,918
Extension Division		9.35	1,132,738
	<i>Continuing Education & Outreach</i>	9.35	1,132,738
Graduate School		1.50	52,055
	<i>Gerontology</i>	0.50	27,055
	<i>Public Policy Administration</i>	1.00	25,000
Institutional Safety		2.00	36,000
	<i>UMSL Police</i>	2.00	36,000
KWMU Radio		6.00	462,950
	<i>KWMU FM Radio</i>	6.00	462,950
Vice Chancellor Academic Affairs		3.50	182,680
	<i>Center for Neurodynamics</i>	0.50	134,680
	<i>Multi-Cultural Relations</i>	1.00	42,000
	<i>VC Academic Affairs</i>	2.00	6,000
Vice Provost Student Affairs		3.50	7,782,813
	<i>Student Financial Aid</i>	3.00	7,669,109
	<i>Vice Provost Student Affairs</i>	0.50	113,704
Vice Provost Research		19.50	2,957,252
	<i>Missouri Enterprise</i>	2.00	1,253,217
	<i>Office of Research Administration</i>	6.50	956,712
	<i>Public Policy Research Centers</i>	11.00	747,323
Total		170.00	24,910,959

Awards by Purpose

Purpose	\$ Awarded
<i>Instruction</i>	4,384,940
<i>Other Sponsored Activities</i>	6,499,759
<i>Research</i>	6,357,151
<i>Student Financial Aid</i>	7,669,109
Total	24,910,959

Research Purpose	No. of Awards	\$ Awarded
<i>Applied Research</i>	11	1,152,092
<i>Basic Research</i>	53	5,205,059
Total	64	6,357,151

Awards by Agency Type

Agency Type	\$ Awarded
<i>Association</i>	2,765,029
<i>Corporation</i>	873,305
<i>Federal</i>	15,992,634
<i>Other Local Government</i>	807,470
<i>Other University</i>	393,491
<i>State of Missouri</i>	4,079,029
Total	24,910,959

Awards by Federal Agency

Federal Agencies	\$ Awarded
Commerce	71,000
DHHS	1,649,232
DOD	423,247
DOJ	20,000
Education - Non Student Aid	2,055,871
Education - Student Aid	7,669,109
EPA	5,822
FTC	25,000
HUD	39,992
Interior	139,922
NASA	117,678
NSF	3,377,425
SBA	55,383
USDA	342,953
Total	15,992,634

Awards by State Agency

State Agencies	\$ Awarded
Children's Trust	12,160
Conservation	62,006
MAC	19,130
MDED	388,000
MDESE	2,596,473
MDFS	431,685
MDHE	164,480
MDHSS	17,476
MDNR	6,500
MDSS	242,322
Public Safety	138,797
Total	4,079,029

Percentage Change in Awards, FY05-FY04

CSD	Department	2005 Faculty*		Awards FY 2005 \$	Average Awards per Capita \$	Awards FY 2004 \$	% change FY05- FY04
		Non- Regular	Regular				
	Center for Academic Development			113,704		113,704	0.00
	Center for International Studies			272,927		126,343	116.02
	Center for the Humanities			4,150.00		5,250.00	(20.95)
	Chancellor-Special Units			112,243			n/a
	College of Arts & Sciences			6,596,710		7,595,279	(13.15)
	Anthropology		8	64,999	8,125	57,999	12.07
	Biology	3	16	3,251,931	171,154	1,600,933	103.13
	Chemistry	2	16	1,012,765	56,265	1,467,483	(30.99)
	Child Advocacy Center			706,384		677,022	4.34
	Criminology & Criminal Justice		14	180,752	12,911	1,749,050	(89.67)
	English		17	3,400	200	3,500	(2.86)
	Foreign Languages & Literature		5		n/a	900	n/a
	History		15	18,622	1,241	369,640	(94.96)
	Mathematics & Computer Science		13	165,076	12,698		n/a
	Philosophy		5		n/a	40,000	n/a
	Physics and Astronomy		10	339,608	33,961	382,990	(11.33)
	Political Science		15	76,999	5,133	72,500	6.21
	Psychology	4	12	45,425	2,839	730,986	(93.79)
	Social Work		5	696,103	139,221	413,476	68.35
	College of Business Administration		32	240,769	7,524	194,002	24.11
	College of Business Administration			173,672		191,601	(9.36)

	<i>Dean College of Business</i>			67,097		2,400	2,695.53
College of Education				4,442,922		2,981,396	49.02
	<i>Counseling - College of Education</i>		7	197,402	28,200	484,051	(59.22)
	<i>Dean College of Education</i>			515,558		642,508	(19.76)
	<i>Educational Leadership & Policy Studies</i>	2	10	1,075,572	89,631	628,852	71.04
	<i>Educational Psychology</i>		6	282,060	47,010	204,023	38.25
	<i>Teaching & Learning</i>		18	2,372,330	131,796	1,021,961	132.14
College of Fine Arts & Communication				28,372		45,939	(38.24)
	<i>Art & Art History</i>		12	12,572	1,048	12,014	4.64
	<i>Communication</i>		6	2,500	417		n/a
	<i>Dean-College Fine Arts & Communication</i>			13,300		33,925	(60.80)
College of Nursing & Health Studies		21	7	390,757	13,956	116,037	236.75
College of Optometry		10	10	101,918	5,096	73,540	38.59
Extension Division-Continuing Education & Outreach				1,132,738		599,434	88.97
Facilities Planning-Planning & Construction Projects						480,000	n/a
Graduate School				52,055		79,527	(34.54)
	<i>Gerontology</i>			27,055		79,527	(65.98)
	<i>Public Policy Administration</i>			25,000			n/a
Information Technology Services-Faculty Instructional						53,070	n/a
Institutional Safety-UMSL Police				36,000			n/a
KWMU Radio				462,950		284,190	62.90
Vice Chancellor Academic Affairs				182,680		168,430	8.46
	<i>Center for Neurodynamics</i>			134,680		134,680	0.00
	<i>Multi-Cultural Relations</i>			42,000		33,750	24.44
	<i>VC Academic Affairs</i>			6,000			n/a
Vice Provost Student Affairs				7,782,813		7,601,578	2.38
	<i>Student Financial Aid</i>			7,669,109		7,487,874	2.42
	<i>Vice Provost Student Affairs</i>			113,704		113,704	0.00
Vice Provost Research				2,957,252		3,032,002	(2.47)
	<i>Missouri Enterprise</i>			1,253,217		1,157,050	(8.31)
	<i>Office of Research Administration</i>			956,712		1,323,571	(27.72)
	<i>Public Policy Research Centers</i>			747,323		551,381	35.54
Total				24,910,959		23,549,718	5.78

* Faculty numbers include the following titles:

- Prof, Asoc
- Prof, Asoc Clincl
- Prof, Asoc Resrch
- Prof, Ast
- Prof, Ast Clincl
- Prof, Ast Resrch
- Prof, Clincl
- Prof, Curators
- Prof, Distinguished Teach
- Prof, Resrch
- Professor

Internal Funding

Internal Funding Program	\$ Requested	\$ Awarded	% Awarded
Internal Grants	1,634,922	511,826	31.31
Small Grants (UMSL)	72,201	51,259	71.00
Research Awards (UMSL)	404,555	194,977	48.20
Research Board (System)	1,158,166	265,590	22.93
GIF	n/a	1,150,051	n/a
Department & PI	n/a	797,916	n/a
Start-ups	n/a	352,135	n/a
Total		1,661,877	

Funding Opportunities

Please note: The opportunities listed on this page are a sampling only.

For additional opportunities, visit [FedGrants](#), [Grant Advisor Plus](#), the [Foundation Center](#) and [InfoEd](#) or contact Tamara Kratochvil at kratochvilt@umsl.edu for a customized database search.

NEW ANNOUNCEMENTS: Government Agencies

Agency for International Development (AID)

- Overseas Missions, Azerbaijan USAID-Baku, Community Development Activity <http://www.fedgrants.gov/Applicants/AID/OM/AZE/112-05-015/listing.html>
- Overseas Missions, Azerbaijan USAID-Baku, SME Support through Financial-Sector Development <http://www.fedgrants.gov/Applicants/AID/OM/AZE/112-05-014/listing.html>
- Overseas Missions, Democratic Republic of the Congo USAID-Kinshasa USAID/Democratic Republic of Congo School Fees Pilot in Holistic School Reform <http://www.fedgrants.gov/Applicants/AID/OM/DRC/RFA%26%23032%3B623-A-05-034/listing.html>
- Overseas Missions, Ghana USAID-Accra, REQUEST FOR APPLICATION - GIRL'S PRIMARY EDUCATION <http://www.fedgrants.gov/Applicants/AID/OM/GHA/624-05-006/listing.html>
- Overseas Missions, Guatemala USAID-Guatemala City, Behavior Change in High-Prevalence and Vulnerable HIV/AIDS Populations in Central America and Mexico <http://www.fedgrants.gov/Applicants/AID/OM/GUA/596-A-05-033/listing.html>
- Overseas Missions, Iraq (CPA) USAID-Baghdad, Microfinance Lending Operations in Iraq <http://www.fedgrants.gov/Applicants/AID/OM/BAG/267-05-018/listing.html>
- Overseas Missions, Jordan USAID-Amman, Community Based Initiatives for Water Demand Management <http://www.fedgrants.gov/Applicants/AID/OM/JOR/Jordan-05-012/listing.html>
- Overseas Missions, Kazakhstan USAID-Almaty, Central Asia Regional Counter Trafficking Program <http://www.fedgrants.gov/Applicants/AID/OM/ALM/DM176-05-009/listing.html>
- Overseas Missions, West Bank, Gaza USAID-West Bank, Small Infrastructure Program (SIP) <http://www.fedgrants.gov/Applicants/AID/OM/WES/RFA294-2005-027/listing.html>

Centers for Disease Control and Prevention (CDC)

- Capacity-Building Assistance for Global HIV/AIDS Microbiological Laboratory Program Development through Technical Assistance Collaboration Grant <http://www.fedgrants.gov/Applicants/HHS/CDC/PGO/CDC-RFA-AA012/listing.html>

- Epi-Centers for Prevention of Healthcare-Associated Infections Grant
<http://www.fedgrants.gov/Applicants/HHS/CDC/PGO/CDC-RFA-CI06-001/listing.html>
- Expansion of HIV/AIDS Care Training Activities in the Republic of Kenya Under the President's Emergency Plan for AIDS Relief Grant
<http://www.fedgrants.gov/Applicants/HHS/CDC/PGO/CDC-RFA-AA174/listing.html>
- HIV Prevention, Care and Support, and Confidential Counseling and Testing in Lagos State and Rivers State in the Republic of Nigeria, as Part of the President's Emergency Plan for AIDS Relief Grant <http://www.fedgrants.gov/Applicants/HHS/CDC/PGO/CDC-RFA-AA187/listing.html>
- HIV Prevention, Treatment, and Care Capacity Building for Local Organizations in the Republic of South Africa and the Kingdoms of Lesotho and Swaziland Grant
<http://www.fedgrants.gov/Applicants/HHS/CDC/PGO/CDC-RFA-AA169/listing.html>
- Increasing Access to, and Uptake of, HIV Prevention and Care, Including Confidential Voluntary Counseling and Testing (CT) Among the Uniformed Services, Ex-Combatants and Their Partners in the Republic of Cote d'Ivoire, as Part of the PEPFAR Grant
<http://www.fedgrants.gov/Applicants/HHS/CDC/PGO/CDC-RFA-AA240/listing.html>
- President's Malaria Initiative Grant
<http://www.fedgrants.gov/Applicants/HHS/CDC/PGO/CDC-RFA-AA197/listing.html>
- Strengthen and Expand Delivery of HIV/AIDS Treatment, Care and Support Services Targeting the Haitian National Police (PNH) and Prevention of Mother-to-Child Transmission (PTMCT) Points of Service in the Republic of Haiti as Part of the President's E Grant <http://www.fedgrants.gov/Applicants/HHS/CDC/PGO/CDC-RFA-AA215/listing.html>
- Strengthening and Expanding Anti-Retroviral (ARV) Treatment through the Provision of Social Support Services to HIV/AIDS-Infected and Affected Populations in the Central Plateau and Saint Marc Communities of the Republic of Haiti, as Part of the PEP Grant
<http://www.fedgrants.gov/Applicants/HHS/CDC/PGO/CDC-RFA-AA214/listing.html>
- Strengthening HIV/AIDS Prevention, Care, and Treatment Referral Services to Targeting Populations Engaged in High-Risk Behavior in Haiti, as Part of the President's Emergency Plan for AIDS Relief Grant
<http://www.fedgrants.gov/Applicants/HHS/CDC/PGO/CDC-RFA-AA216/listing.html>
- Strengthening Management Support Services for HHS Global AIDS Program in the Republic of India Grant <http://www.fedgrants.gov/Applicants/HHS/CDC/PGO/CDC-RFA-AA019/listing.html>

Corporation for National and Community Service (CNCS)

- AmeriCorps National Direct Education Award Program Grant
<http://www.fedgrants.gov/Applicants/CNCS/OGM/OGM/CNCS-GRANTS-081505-001/listing.html>
- AmeriCorps National Direct Grant Program Grant
<http://www.fedgrants.gov/Applicants/CNCS/OGM/OGM/CNCS-GRANTS-081705-003/listing.html>
- AmeriCorps National Direct Grant Program Grant
<http://www.fedgrants.gov/Applicants/CNCS/OGM/OGM/CNCS-GRANTS-081205-001/listing.html>
- AmeriCorps National Professional Corps Grants Program Grant
<http://www.fedgrants.gov/Applicants/CNCS/OGM/OGM/CNCS-GRANTS-081705-002/listing.html>

Department of Commerce (DOC)

- Minority Business Opportunity Center (MBOC) - Formerly known as Minority Business Opportunity Committee Grant
<http://www.fedgrants.gov/Applicants/DOC/MBDA/HDO/11803083005/listing.html>
- NOAA/COMMUNITY-BASED HABITAT RESTORATION PROJECTS
<http://www.nmfs.noaa.gov/habitat/restoration/>
- Water Technology Demonstration Program Cooperative Research, Development, Test and Evaluation (RDTE) Facility
<http://www.fedgrants.gov/Applicants/DOC/NOAA/GMC/OAR-SG-2006-2000364/listing.html>

Department of Defense (DOD)

- Control-Based Mobile Ad-Hoc Networking (CBMANET) Program
<http://www.fedgrants.gov/Applicants/DOD/DARPA/CMO/BAA05-42/listing.html>
- Mobile Networked Multiple Input-Multiple Output (MNM) Technology Grant
<http://www.fedgrants.gov/Applicants/DOD/DARPA/CMO/SS05-37/listing.html>

Department of Education (ED)

- National Institute on Disability and Rehabilitation Research (NIDRR)--Disability Rehabilitation Research Projects (DRRP) Grant
<http://www.fedgrants.gov/Applicants/ED/HRO/DCMGC/ED-GRANTS-082305-001/listing.html>
- Rehabilitation Training: Rehabilitation Long-Term Training Grant
<http://www.fedgrants.gov/Applicants/ED/HRO/DCMGC/ED-GRANTS-072905-001/listing.html>
- Rehabilitation Training: Rehabilitation Long-Term Training Grant
<http://www.fedgrants.gov/Applicants/ED/HRO/DCMGC/ED-GRANTS-072905-003/listing.html>
- Rehabilitation Training: Rehabilitation Long-Term Training Grant
<http://www.fedgrants.gov/Applicants/ED/HRO/DCMGC/ED-GRANTS-072905-002/listing.html>
- Striving Readers Grant <http://www.fedgrants.gov/Applicants/ED/HRO/DCMGC/ED-GRANTS-081505-001/listing.html>
- Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities--National Technical Assistance Center on Assessment for Children with Disabilities (84.326G) Grant
<http://www.fedgrants.gov/Applicants/ED/HRO/DCMGC/ED-GRANTS-080405-002/listing.html>
- Training of Interpreters for Individuals Who Are Deaf or Hard of Hearing and Individuals Who Are Deaf-Blind Grant
<http://www.fedgrants.gov/Applicants/ED/HRO/DCMGC/ED-GRANTS-072905-005/listing.html>
- Training of Interpreters for Individuals Who Are Deaf or Hard of Hearing and Individuals Who Are Deaf-Blind Grant
<http://www.fedgrants.gov/Applicants/ED/HRO/DCMGC/ED-GRANTS-072905-004/listing.html>

Department of Energy (DOE)

- Annual Notice for Continuation of Availability of Grants and Cooperative Agreements for Nuclear Physics Grant <http://www.fedgrants.gov/Applicants/DOE/PAM/HQ/DE-FG01-05ER05-23/listing.html>
- Area of Interest 1 - LED High-efficiency semiconductor materials Grant
<http://www.fedgrants.gov/Applicants/DOE/PAM/HQ/DE-PS26-05NT42478-01/listing.html>
- Area of Interest 2 - LED Device approaches, structures and systems Grant
<http://www.fedgrants.gov/Applicants/DOE/PAM/HQ/DE-PS26-05NT42478-02/listing.html>
- Area of Interest 3 - OLED Materials Issues Grant
<http://www.fedgrants.gov/Applicants/DOE/PAM/HQ/DE-PS26-05NT42478-03/listing.html>
- Area of Interest 4 - OLED Packaging, encapsulation and fabrication Grant
<http://www.fedgrants.gov/Applicants/DOE/PAM/HQ/DE-PS26-05NT42478-04/listing.html>
- FY 2006 DOE SBIR/STTR Phase I Funding Opportunities Grant
<http://www.fedgrants.gov/Applicants/DOE/PAM/HQ/DE-FG01-05ER05-28/listing.html>
- Inventions and Innovation Program (II) Grant
<http://www.fedgrants.gov/Applicants/DOE/PAM/HQ/DE-PS36-06GO96001/listing.html>
- Radioisotope Power Systems Grant
<http://www.fedgrants.gov/Applicants/DOE/PAM/HQ/DE-PS07-05ID14711/listing.html>

- Solid State Lighting Core Technologies Grant
<http://www.fedgrants.gov/Applicants/DOE/PAM/HQ/DE-PS26-05NT42478-00/listing.html>

Department of Homeland Security (DHS)

- NA Maritime Vehicle/Passenger Onsite Terminal Screening Grant
<http://www.fedgrants.gov/Applicants/DHS/DHSWIDE/DHSLOC/HSTS02-05-R-RED287/listing.html>

Department of Labor (DOL)

- Mine Health and Safety Grants
<http://www.fedgrants.gov/Applicants/DOL/MSHA/MSHA-EPD/2006-1/listing.html>

Department of State (STATE)

- INTERNATIONAL EDUCATORS PROGRAM <http://www.exchanges.state.gov/education/rfgps/aug26rfgp.htm>

Environmental Protection Agency (EPA)

- Food Quality Protection Act (FQPA)/Strategic Agriculture Initiative Grant Program: FY2005 Request for Proposals Grant
<http://www.fedgrants.gov/Applicants/EPA/OGD/GAD/EPA-GRANTS-081005-001/listing.html>

Health Resources and Services Administration (HRSA)

- Healthy Tomorrows Partnership For Children Program Grant
<http://www.fedgrants.gov/Applicants/HHS/HRSA/GAC/HRSA-06-076/listing.html>

National Aeronautics and Space Administration (NASA)

- ANNOUNCEMENT OF OPPORTUNITY FOR RADIATION BELT STORM PROBES INVESTIGATIONS AND GEOSPACE-RELATED MISSIONS OF OPPORTUNITY Grant
<http://www.fedgrants.gov/Applicants/NASA/HQ/OPHODC/NNH05ZDA0030/listing.html>
- INSTITUTE FOR SPACE ROBOTICS (ISR) Grant
<http://www.fedgrants.gov/Applicants/NASA/GSFC/OPDC20220/NNGO5121385C/listing.html>

National Archives and Records Administration (NARA)

- National Historical Publications and Records Commission Subvention Program Grant
<http://www.fedgrants.gov/Applicants/NARA/HQ/NHPRC/NHPRC-Subvention-06/listing.html>

National Endowment for the Arts (NEA)

- europalia.usa 2007 Grant
<http://www.fedgrants.gov/Applicants/NEA/NEA/NEA/2006NEA02EURO/listing.html>

National Endowment for the Humanities (NEH)

- Grants for Teaching and Learning Resources and Curriculum Development
<http://www.fedgrants.gov/Applicants/NEH/OPUB/OPO/NEH-GRANTS-111504-011/listing.html>
- Television Projects: Planning Grants
<http://www.fedgrants.gov/Applicants/NEH/OPUB/OPO/NEH-GRANTS-081505-001/listing.html>
- Television Projects: Scripting Grants
<http://www.fedgrants.gov/Applicants/NEH/OPUB/OPO/NEH-GRANTS-081505-002/listing.html>
- Television Projects: Production Grants
<http://www.fedgrants.gov/Applicants/NEH/OPUB/OPO/NEH-GRANTS-081505-003/listing.html>

National Institutes of Health (NIH)

- Commercialization Assistance Program to SBIR Phase II Awardees
<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-05-069.html>
- FIC, NICHD, ODS: Global Research Training in Population Health Grant
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/RFA-TW-05-002/listing.html>
- NCCAM, NCI, NCMHD: CAM at Minority or Health Disparities Research Centers Grant
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/PAR-05-152/listing.html>
- NCI: Specialized Programs of Research Excellence (SPORes) in Human Cancer for Year 2006 Grant
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/PAR-05-156/listing.html>
- NHLBI, NINDS, NIAID, NIDDK, NIAMS, NIGMS, NIDCR: Biology of RNA Interference: Stability, Delivery and Processing by Tissues Grant
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/RFA-HL-05-019/listing.html>
- NHLBI: Cardiovascular Cell Therapy Research Network Grant
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/RFA-HL-06-001/listing.html>
- NHLBI: Short Courses on Application of Genomics and Proteomics to Complex Heart, Lung, Blood, and Sleep Disorders Grant
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/RFA-HL-05-012/listing.html>
- NIA, NCI: The Secretory Pattern of Senescent Cells Grant
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/PA-05-155/listing.html>
- NIA, NHLBI: Anemia in the Elderly Grant
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/RFA-AG-06-002/listing.html>
- NIA, ODS: Paul B. Beeson Career Development Awards in Aging Grant
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/RFA-AG-06-005/listing.html>
- NIA: Alzheimer's Disease Drug Development Program Grant
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/PAR-05-148/listing.html>
- NIA: Claude D. Pepper Older Americans Independence Centers (OAICs) Grant
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/RFA-AG-06-001/listing.html>
- NIAAA, NIMH: Structural Interventions, Alcohol Use, and Risk of HIV/AIDS Grant
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/PA-05-146/listing.html>
- NICHD, NIDDK, ORWH: Pelvic Floor Disorders Network Grant
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/RFA-HD-05-019/listing.html>
- NIDA, NIMH, CSAT, CSAP: Enhancing Practice Improvement in Community-Based Care for Prevention and Treatment of Drug Abuse or Co-occurring Drug Abuse and Mental Disorders Grant
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/RFA-DA-06-001/listing.html>
- NIDA: Pilot Clinical Trials of Pharmacotherapies for Substance Related Disorders Grant
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/RFA-DA-06-002/listing.html>
- NIDCD: Structural Analyses of the Ligand-Binding Properties of Taste and Smell Receptors Grant
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/PA-05-154/listing.html>
- NIDCR: Validation of New Technologies for Clinical Assessment of Tooth Surface Demineralization Grant
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/RFA-DE-06-008/listing.html>
- NIDDK, NHLBI, NINDS: Animal Models of Diabetic Complications Consortium Grant
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/RFA-DK-05-011/listing.html>
- NIDDK: EDUCATION PROGRAM GRANTS (R25)
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/PAR-04-148/listing.html>
- NIEHS, EPA: Centers for Children's Environmental Health and Disease Prevention Research Grant
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/RFA-ES-05-004/listing.html>
- NIEHS: Outstanding New Environmental Scientist Award (ONES) Grant
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/RFA-ES-05-005/listing.html>
- NIH Blueprint for Neuroscience Research, NCCAM, NCRR, NEI, NIA, NIAAA, NIBIB, NICHD, NIDCD, NIDCR, NIDA, NIEHS, NIGMS, NIMH, NINDS, NINR: New Ways to Image Neural Activity Grant
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/RFA-EB-05-001/listing.html>
- NIMH, NIDA: Mechanism for Time Sensitive Research Opportunities Grant
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/PAR-05-150/listing.html>

- NIMH: Research Education Grants (R25) Grant
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/PAR-05-153/listing.html>
- NINDS, NIDA, NIMH, CMHRA: Collaborative Neurological Sciences (CNS) Award Grant
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/PAR-05-149/listing.html>
- NLM: Knowledge Management and Applied Informatics Grants Grant
<http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/PAR-05-012/listing.html>

National Science Foundation (NSF)

- Astronomy and Astrophysics Research Grants Grant
<http://www.fedgrants.gov/Applicants/NSF/OIRM/HQ/05-608/listing.html>
- Collaborative Research in Chemistry Grant
<http://www.fedgrants.gov/Applicants/NSF/OIRM/HQ/05-606/listing.html>
- Cooperative Activities in Chemistry Between U.S. and German Investigators Grant
<http://www.fedgrants.gov/Applicants/NSF/OIRM/HQ/05-604/listing.html>
- Doctoral Dissertation Improvement Grants in the Directorate for Biological Sciences Grant
<http://www.fedgrants.gov/Applicants/NSF/OIRM/HQ/05-607/listing.html>
- DOCUMENTING ENDANGERED LANGUAGES (DEL)
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12816
- Plant Genome Research Program Grant
<http://www.fedgrants.gov/Applicants/NSF/OIRM/HQ/05-603/listing.html>
- Small Business Innovation Research and Small Business Technology Transfer Programs Phase I Solicitation FY-2006 Grant
<http://www.fedgrants.gov/Applicants/NSF/OIRM/HQ/05-605/listing.html>

Substance Abuse and Mental Health Services Administration (SAMHSA)

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

NEW ANNOUNCEMENTS: Foundations and Other

Also see [Government Agencies](#) for additional opportunities. Remember to look in the [newsletter archives](#) for previously announced opportunities that are still active.

AMEREN COMMUNITY DEVELOPMENT CORPORATION

- **GRANTS IN MISSOURI**

DUE: OCT 1

WEB: <http://fconline.fdncenter.org/pnd/3771/ameren>

The board of directors of the Ameren Community Development Corporation (AmerenCDC) have announced that applications are available for its second grantmaking cycle in 2005. Created by electric company AmerenUE, a subsidiary of Ameren (<http://www.ameren.com/>), in partnership with the State of Missouri and the Missouri Public Service Commission, AmerenCDC is a not-for-profit, public-private partnership dedicated to addressing critical economic development initiatives across AmerenUE's 20,000-square-mile electric service area in Missouri. AmerenCDC will make \$1.35 million available for eligible projects in this grant cycle. Projects are funded based on each applicant's ability to stimulate community and economic development that results in the creation/retention of jobs, and in community revitalization. Complete program information, application forms, and the AmerenUE service area map are available at the Ameren Web site.

AMERICAN ASSOCIATION OF UNIVERSITY WOMEN

- **UNIVERSITY SCHOLAR-IN-RESIDENCE**

DUE: NOV 1, letter of intent

WRITE: AAUW Educational Foundation University Scholar-in-Residence Award
1111 Sixteenth St., NW
Washington, DC 20036

WEB: http://www.aauw.org/fga/fellowships_grants/university_scholar.cfm

E-MAIL: foundation@aauw.org

PHONE: 202/728-7602

Colleges and universities in the United States may apply for funding for the University Scholar-in-Residence award to support a woman scholar to undertake and disseminate research on gender and equity for women and girls. Institutions may use the funds to bring a qualified scholar to the institution for a fixed period or to designate a scholar currently at the institution to undertake research activities that would not occur without such support. Preference will be given to proposals from institutions that demonstrate significant matching funds by all institutions involved. Preference also will be given to proposals for research and activities likely to continue after the funding period, as opposed to single events or one-time initiatives. **CRITERIA:** Proposals must include research activities on gender and equity as well as a plan for dissemination of research findings. Successful proposals should strive to achieve impact nationally, rather than within a single university, department, or program. Proposals also must include a statement by an authorized institutional official confirming the institution's commitment to the project and cost share provided. **FUNDING:** Up to \$100,000 for a two-year project, depending on its nature. Proposals must show significant institutional cost sharing beyond basic indirect costs.

- **COMMUNITY ACTION GRANTS**

DUE: JAN 15, 2006

WEB: <http://fconline.fdncenter.org/pnd/3780/aauw>

One of the world's largest sources of funding exclusively for graduate women, the American Association of University Women (<http://www.aauw.org/>) Educational Foundation supports aspiring scholars around the globe, teachers and activists in local communities, women at critical stages of their careers, and those pursuing professions where women are underrepresented. The foundation's Community Action Grants provide seed money to individual women, AAUW branches, and AAUW state organizations, as well as local community-based nonprofits, for innovative programs or non-degree research projects that promote education and equity for women and girls. One-year grants provide seed money (\$2,000-\$7,000) for new projects. Topic areas are unrestricted but should include a clearly defined activity that promotes education and equity for women and girls. Two-year grants provide start-up funds (\$5,000-\$10,000) for longer-term programs that address the particular needs of the community and develop girls' sense of efficacy through leadership or advocacy opportunities. Topic areas are unrestricted but should include a clearly defined activity that promotes education and equity for women and girls. Applicants must be women who are U.S. citizens or permanent residents of the U.S. Grant projects must have direct public impact, be nonpartisan, and take place within the U.S. or its territories.

AMERICAN COUNCIL OF LEARNED SOCIETIES

- **ACLS DIGITAL INNOVATION FELLOWSHIPS**

DUE: NOV 10

WRITE: American Council of Learned Societies

633 Third Avenue

New York, NY 10017-6795

WEB: <http://www.acls.org/difguide.htm>

E-MAIL: grants@acls.org

PHONE: 212/697-1505

FAX: 212/949-8058

The ACLS announces the first annual competition for the ACLS Digital Innovation Fellowships, thanks to the generous assistance of The Andrew W. Mellon Foundation. This program invites applications to pursue digitally based research projects in all disciplines of the humanities and humanities-related social sciences. It is hoped that projects of successful applicants will help advance digital humanistic scholarship by broadening understanding of its nature and exemplifying the robust infrastructure necessary for creating further such works. Appropriate fields of specialization include

those considered appropriate under the core ACLS Fellowships Programs. ACLS Digital Innovation Fellowships are intended to support an academic year dedicated to work on a major scholarly project that takes a digital form. Projects might include but are not limited to: digital research archives, new media representations of extant data, innovative databases, and digital tools that further humanistic research. ACLS does not support creative works (e.g., novels or films), textbooks, straightforward translations, or purely pedagogical projects. **ELIGIBILITY:** This program is open to scholars in all fields of the humanities and the humanistic social sciences. Applicants must have a Ph.D. degree conferred prior to the application deadline. (An established scholar who can demonstrate the equivalent of the Ph.D. in publications and professional experience may also qualify.) U.S. citizenship or permanent resident status is required as of the application deadline. **FUNDING:** The ACLS will award up to five ACLS Digital Innovation Fellowships in this competition year. Each fellowship carries a stipend of up to \$55,000 towards an academic year's leave and provides for project costs of up to \$25,000.

- **FELLOWSHIPS**

DUE: SEP 28

WRITE: American Council of Learned Societies
633 Third Avenue
New York, NY 10017-6795

WEB: <http://www.acls.org/felguide.htm>

E-MAIL: grants@acls.org

PHONE: 212/697-1505

FAX: 212/949-8058

The ACLS Fellowship Program invites research applications in all disciplines of the humanities and humanities-related social sciences. Appropriate fields of specialization include but are not limited to: anthropology, archaeology, art and architectural history, economic history, film, geography, history, languages and literatures, legal studies, linguistics, musicology, philosophy, political science, psychology, religion, rhetoric and communication, sociology, and theater studies. Proposals in the social science fields listed above are eligible only if they employ predominantly humanistic approaches (e.g., economic history, law and literature, political philosophy). Proposals in interdisciplinary and cross-disciplinary studies are welcome, as are proposals focused on any geographic region or on any cultural or linguistic group. The ultimate goal of the project should be a major piece of scholarly work by the applicant that will take the form of a monograph or other equally substantial form of scholarship. ACLS does not fund creative work (e.g., novels or films), textbooks, straightforward translation, or pedagogical projects. **ELIGIBILITY:** (1) A Ph.D. degree conferred prior to September 28, 2003. (An established scholar who can demonstrate the equivalent of the Ph.D. in publications and professional experience may also qualify.) (2) U.S. citizenship or permanent resident status as of the application deadline date. (3) A lapse of at least 3 years since the last "supported research leave" and July 1, 2006, including any such leave to be taken during the 2005-2006 academic year. Therefore, to be eligible, an individual's most recent supported research leave must have concluded prior to July 1, 2003. **FUNDING:** The Fellowship stipend is set at three levels based on academic rank: up to \$30,000 for Assistant Professor and career equivalent; up to \$40,000 for Associate Professor and career equivalent; and up to \$50,000 for full Professor and career equivalent. ACLS will determine the level based on the candidate's rank or career status as of the application deadline date. Approximately 20 fellowships will be available at each level.

AMERICAN FEDERATION FOR AGING

- **RESEARCH GRANTS**

DUE: DEC 15

WEB: <http://fconline.fdncenter.org/pnd/3767/afar>

The American Federation for Aging Research Grant Program (<http://www.afar.org/>) is designed to assist in the development of the careers of junior investigators

committed to pursuing careers in the field of aging research. A typical successful applicant will be serving in his or her first or second year of a junior faculty appointment. The AFAR Research Grant Program does not provide support for postdoctoral fellows in the laboratory of a senior investigator, or investigators who have already received major independent funding for research on aging. Senior faculty, i.e. at the rank of associate professor level or higher, are also not eligible for consideration. AFAR funds research projects concerned with understanding the basic mechanisms of aging. Projects investigating age-related diseases are also supported, especially if approached from the point of view of how basic aging processes may lead to these outcomes. Projects concerning mechanisms underlying common geriatric functional disorders are also encouraged, as long as these include connections to fundamental problems in the biology of aging. Projects that deal strictly with clinical problems such as the diagnosis and treatment of disease, health outcomes, or the social context of aging are not eligible. It is anticipated that approximately fifteen grants of up to \$60,000 each will be awarded in 2006. Candidates may propose to use the award over the course of one or two years, as justified by the proposed research. The proposed research must be conducted at any type of not-for-profit setting in the United States. All candidates must submit applications endorsed by their institution.

AMERICAN PHILOSOPHICAL SOCIETY

- **FRANKLIN RESEARCH GRANTS**

DUE: OCT 1 DEC 1

WRITE: Committee on Research

American Philosophical Society

104 South 5th Street

Philadelphia, PA 19106

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

E-MAIL: LMusumeci@amphilsoc.org

PHONE: 215/440-3429

Since 1933 the American Philosophical Society has awarded small grants to scholars in order to support the cost of research leading to publication in all areas of knowledge. The Franklin program is particularly designed to help meet the costs of travel to libraries and archives for research purposes; the purchase of microfilm, photocopies, or equivalent research materials; the costs associated with fieldwork; or laboratory research expenses. ELIGIBILITY: Applicants are expected to have a doctorate, or to have published work of doctoral character and quality. Pre-doctoral graduate students are not eligible, but the Society is particularly interested in supporting the work of young scholars who have recently received their PhDs. American citizens and residents of the United States may use their Franklin awards at home or abroad. Foreign nationals must use their Franklin awards for research in the United States. Applicants who have received Franklin grants may reapply after an interval of two years. FUNDING: Funding is offered up to a maximum of \$6000, for use in calendar year 2006. In 2004 the Franklin Research Grants program awarded \$350,000 to 85 scholars.

DIRKSEN CONGRESSIONAL CENTER

- **CONGRESSIONAL RESEARCH AWARDS**

DUE: FEB 1, 2006

WEB: <http://fconline.fdncenter.org/pnd/3778/dirksencenter>

The Dirksen Congressional Center (<http://www.dirksencenter.org>) invites applications for grants to fund research on congressional leadership and the United States.

Applications are accepted at any time, but the deadline is February 1 for the annual selections, which are announced in March. A total of up to \$35,000 will be available in 2006. The competition is open to individuals with a serious interest in studying Congress. Political scientists, historians, biographers, scholars of public administration or American studies, and journalists are among those eligible. The center encourages graduate students who have successfully defended their dissertation prospectus to apply and awards a significant portion of the funds for dissertation research. The

awards program does not fund undergraduate or pre-Ph.D. study. Organizations are not eligible. Research teams of two or more individuals are eligible. The research for which assistance is sought must be original, culminating in new findings or new interpretation, or both. The awards program was developed to support work intended for publication in some form or for application in a teaching or policy-making setting. Awards range from a few hundred dollars to \$3,500. Stipends will be awarded to individuals (not organizations) on a competitive basis. Grants will normally extend for one year.

J. PAUL GETTY TRUST

- **THE GETTY GRANT PROGRAM: PRE- AND POSTDOCTORAL FELLOWSHIPS - ART HISTORY**

DUE: NOV 1

WRITE: Pre- and Postdoctoral Fellowships

The Getty Grant Program

1200 Getty Center Drive

Suite 800

Los Angeles, CA 90049-1685

WEB: http://www.getty.edu/grants/research/scholars/pre_post_fellows.html

E-MAIL: researchgrants@getty.edu

PHONE: 310/440-7374

FAX: 310/440-7703

Predocctoral and Postdoctoral Fellowships provide support for emerging scholars to complete work on projects related to the Getty Research Institute's annual theme. The theme for 2006-2007 is Religion and Ritual. Recipients are in residence at the Getty Research Institute, where they pursue research to complete their dissertations or to expand them for publication. Fellows make use of the Getty collections, join in a weekly meeting devoted to the annual theme, and participate in the intellectual life of the Getty Center. **ELIGIBILITY:** Applications are welcome from scholars of all nationalities who are working in the arts, humanities, or social sciences. Predocctoral fellowship applicants must have advanced to candidacy and expect to complete their dissertations during the fellowship period. Postdoctoral fellowship applicants must have received their degree no earlier than 2000. **FUNDING:** Predocctoral fellows are in residence for the entire academic year (from September 2006 to June 2007), and receive a stipend of \$18,000 for the nine-month residency. Postdoctoral fellows receive a total stipend of \$22,000 for the nine-month residency. Both fellowships also provide an office at the Research Institute, an apartment in the Getty scholar housing complex, airfare to Los Angeles, and health benefits. Neither fellowship is renewable.

- **THE GETTY GRANT PROGRAM: COLLABORATIVE RESEARCH GRANTS**

DUE: NOV 1

WRITE: Collaborative Research Grants

The Getty Grant Program

1200 Getty Center Drive

Suite 800

Los Angeles, CA 90049-1685

WEB: <http://www.getty.edu/grants/research/scholars/collaborative.html>

E-MAIL: researchgrants@getty.edu

PHONE: 310/440-7374

FAX: 310/440-7703

Collaborative Research Grants provide opportunities for teams of scholars to pursue interpretive research projects that offer new explanations of art and its history. Collaborations that foster a cross-fertilization of ideas and methodologies are particularly encouraged. Collaborative Research Grants also fund the research in preparation for scholarly exhibitions. **ELIGIBILITY:** These grants are intended to support established scholars who have attained distinction in their fields. Teams may consist of two or more art historians, or of one or more art historians together with one or more scholars from other disciplines. Teams for exhibition projects should

include scholars from both museums and universities. Individual scholars may not apply as a member of more than one team. Applications are welcome from scholars of all nationalities. FUNDING: Grant amounts vary. Eligible costs include salary replacement, travel, research assistance, and limited funds for research material (excluding equipment). These grants are not renewable. Grants provide support for projects that will begin between June 1, 2006, and September 1, 2006. Grant periods vary according to the needs of the individual projects, but are generally available for research periods of one to two years.

GOLDEN FOUNDATION FOR THE ARTS

- **ARTISTS WORKING IN PAINT**

DUE: OCT 1

WEB: <http://fconline.fdncenter.org/pnd/3768/goldenfdn>

The Sam and Adele Golden Foundation for the Arts

(<http://www.goldenfoundation.org/>) is a private foundation whose primary purpose is to support individual artists, working in paint, who demonstrate exceptional creative ability. The foundation awards grants to individual artists and 501(c)(3) organizations in alternate years. In 2005, grants will be awarded to artists only. Artists should submit applications in calendar year 2005 before the October 1 deadline. In the year 2006, the foundation will award grants to cultural organizations that directly support visual artists working in paint. National and international professional artists, 25 years of age or older, working in paint, are eligible for consideration. International artists must apply in English. Awards are intended for a one-year period. Award amounts will range from \$500 to \$10,000. The foundation will not accept applications from commercial artists. In addition, it does not make grants to students or fund academic study, does not support photography or installations, and will not fund travel expenses or pay for the cost of commissions or projects ordered by others.

HOWARD FOUNDATION

- **ANTHROPOLOGY, SOCIOLOGY, AND POLITICAL SCIENCE FELLOWSHIPS**

DUE: OCT 17, nominations; NOV 30, applications

WRITE: Professor Henry F. Majewski

Administrative Director

Brown University

Box 1867

Providence, RI 02912

WEB: http://www.brown.edu/Divisions/Graduate_School/howard/

E-MAIL: Howard_Foundation@brown.edu

PHONE: 401/863-2640

FAX: 401/863-7341

The Foundation awards a limited number of fellowships each year for independent projects in fields selected on a rotational basis. Ten fellowships will be offered for the 2006-2007 fellowship year to support persons engaged in independent projects on Anthropology, Sociology and Political Science. ELIGIBILITY: The intention of the Foundation is primarily to support people in the middle stages of their careers whose work to date is evidence of their promise and achievement. The designation mid-career refers to those who are no longer beginners in their field, and those who have not yet realized their full potential. They should, therefore, have a significant record of publication beyond the dissertation. Nominees should generally have the rank of assistant or associate professor or their non-academic equivalents. FUNDING: Stipends for one year are normally \$25,000. There are no residency requirements.

ALEXANDER VON HUMBOLDT FOUNDATION

- **SOFJA KOVALEVSKAJA AWARD**

DUE: JAN 4, 2006

WRITE: Alexander von Humboldt Foundation

U.S. Liaison Office

1012 14th Street NW, Suite 1015
Washington, DC 20005

Phone: 202-783-1907

Fax: 202-783-1908

WEB: www.humboldt-foundation.de/en/programme/preise/kova.htm

The Sofja Kovalevskaja Award, granted by the Alexander von Humboldt Foundation, is among the most generously endowed research awards in Germany. The funding—up to EUR 1.2 million per award—enables young scientists and scholars with outstanding research records to concentrate on high-level, innovative research in Germany, virtually without administrative constraints. With the funds provided over four years by the Sofja Kovalevskaja Award, recipients:

- Develop and finance a workgroup at a German university or non-university research institution
- Conduct research of their own design
- Finance their living expenses

The program is open to scholars and scientists of all nationalities and in all fields of study who are not resident in Germany. Applicants must be under 35 years of age, have a doctoral degree, and have publications in prestigious refereed journals. The deadline for application is January 4, 2006. The Alexander von Humboldt Foundation will select recipients of the Sofja Kovalevskaja Award in June 2006.

INTERNATIONAL RESEARCH & EXCHANGES BOARD

- **INDIVIDUAL ADVANCED RESEARCH OPPORTUNITIES - EUROPE AND EURASIA**

DUE: OCT 28

WRITE: International Research & Exchanges Board

2121 K Street, NW

Suite 700

Washington, DC 20037

WEB: <http://www.irex.org/programs/iaro/index.asp>

E-MAIL: iaro@irex.org

PHONE: 202/628-8188

FAX: 202/628-8189

The Individual Advanced Research Opportunities Program (IARO) provides fellowships to professionals with graduate degrees (MA, MS, MFA, MBA, MPA, MLIS, MPH, JD, MD), master's students, and predoctoral and postdoctoral scholars from the United States for individual long-term policy-relevant research in Europe and Eurasia. Limited funding is available for predoctoral humanities scholars. **COUNTRIES:** EUROPE: Albania, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Estonia, Hungary, Kosovo, Latvia, Lithuania, Macedonia, Poland, Romania, Serbia and Montenegro, Slovakia, and Slovenia. EURASIA: Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Moldova, Russia, Tajikistan, Turkmenistan, Ukraine, and Uzbekistan. **CROSS-REGIONAL:** Iran (very limited funding for predoctoral students in the humanities only). **NOTE:** Funding for the following countries is limited: Czech Republic, Estonia, Hungary, Latvia, Lithuania, Poland, Slovakia, Slovenia. **ELIGIBILITY:** Applicants must: (a) Be a US citizen or permanent resident (green card holder) of the US; (b) Submit a research proposal on a topic in one of the academic disciplines listed in the application; (c) Hold a PhD or other terminal degree, or be enrolled in a master's or doctoral program; (d) Submit a complete application package by the deadline; (e) Have fulfilled all requirements from previous IREX grants; and (f) Not be a current IREX employee or consultant or their immediate family members. **FUNDING:** Provisions may vary slightly by country and include: (1) Round-trip airfare from the United States to the host country and visa fees; (2) Stipend for living expenses. (Graduate students receive a monthly allowance; salaried participants receive a stipend in lieu of salary based on academic salary at the time of application); and (3) Housing allowance based on country(ies) and city(ies) of research.

LIFE SCIENCES RESEARCH FOUNDATION

- **POSTDOCTORAL FELLOWSHIPS**

DUE: OCT 1

WRITE: Life Sciences Research Foundation
Lewis Thomas Laboratory
Princeton University
Washington Road
Princeton, NJ 08544

WEB: <http://www.lsrf.org/>

E-MAIL: sdirenzo@molbio.princeton.edu

PHONE: 609/258-3551

LSRF awards fellowships across the spectrum of the life sciences: biochemistry; cell, developmental, molecular, plant, structural, organismic population and evolutionary biology; endocrinology; immunology; microbiology; neurobiology; physiology; virology. **ELIGIBILITY:** Three-year fellowships will be awarded on a competitive basis to graduates of medical and graduate schools in the biological sciences holding M.D., Ph.D., D.V.M., or D.D.S. degrees. **FUNDING:** The fellowship award is \$51,000 per year and is meant to be a minigrant. The salary scale begins at \$40,000 for a first-year postdoctoral, \$42,500 for a second year, and \$45,000 thereafter. The fellow, not the advisor, will control expenditure of the remainder.

MICHIGAN SOCIETY OF FELLOWS

- **POSTDOCTORAL FELLOWSHIPS**

DUE: SEP 30

WRITE: The University of Michigan
Michigan Society of Fellows
3572 Rackham Building
915 E. Washington Street
Ann Arbor, MI 48109-1070

WEB: <http://www.rackham.umich.edu/Faculty/society.html>

E-MAIL: society.of.fellows@umich.edu

PHONE: 734/763-1259

The Michigan Society of Fellows, under the auspices of the Rackham Graduate School, was established in 1970 with endowment grants from the Ford Foundation and the Horace H. and Mary Rackham Funds. The most distinctive aspect of the Society is a multidisciplinary emphasis which gives the Fellows an opportunity to interact across disciplines and to expand their horizons and knowledge. While their own scholarship is enriched, the Fellows also enrich the University of Michigan through teaching during their residency and bringing new insights to other faculty members. Each year the Society selects four outstanding applicants for appointment to three-year fellowships in the arts and humanities, in the social, physical and life sciences, and in the professional schools. The newly appointed Postdoctoral Fellows join a unique interdisciplinary community composed of their peers as well as Senior Fellows. The Chair of the Society is James Boyd White, L. Hart Wright Professor of Law at the University of Michigan. **ELIGIBILITY:** Applications are invited from qualified candidates who are at the beginning of their academic careers, having received the Ph.D. or comparable professional or artistic degree between June 1, 2003, and September 1, 2006. Fellows are appointed as Assistant Professors in appropriate departments at the University of Michigan and as Postdoctoral Scholars in the Michigan Society of Fellows. They are expected to be in residence during the academic years of the fellowship, to teach for the equivalent of one academic year, to participate in the informal intellectual life of the Society, and to devote time to their independent research. **FUNDING:** The annual stipend will be \$47,271.

MICROSOFT CORPORATION - EXTERNAL RESEARCH AND PROGRAMS GROUP

- **ACADEMIC RESEARCH FUNDING**

DUE: Various deadlines

WEB: <http://fconline.fdncenter.org/pnd/3675/microsoft>

As part of its mission to cultivate talent, encourage new ideas, and foster continuous innovation in computer science, Microsoft Corporation's (<http://www.microsoft.com/>) External Research and Programs group has launched the latest round of RFPs for

academic research funding. Microsoft Research will award grants later this year to support projects in three key research domains:

1) Digital Memories: The Digital Memories (Memex) RFP solicits proposals for research that builds on Vannevar Bush's vision of a "memex," a device in which an individual stores all his books, records, and communications, and which is mechanized so that it can be consulted quickly and flexibly. Each award will include the Digital Memories (Memex) software and two SenseCams. Microsoft Research anticipates making approximately six to nine awards, with a maximum of \$50,000 for any single award.

2) Smart Clients for eScience: This RFP focuses on the development of smart clients for scientific research. Smart clients are a collection of tools for data gathering, mining, and visualization that free scientists to focus on their research rather than infrastructure. Microsoft Research anticipates making approximately eight to twelve awards, with a maximum of \$50,000 for any single award.

3) Trustworthy Computing Curriculum: This RFP solicits proposals to create, test, and disseminate a new curriculum that introduces advanced topics of Trustworthy Computing into technical, business, and legal curricula.

Microsoft Research anticipates making approximately fifteen awards, with a maximum of \$50,000 for any single award. For all RFPs, the proposing institution must be an accredited four-year college or university with nonprofit status. Details on funding objectives, eligibility, applicational requirements, and deadlines for all programs are detailed in the published RFPs on the Microsoft Research Web site.

NATIONAL ACADEMY OF EDUCATION

- **SPENCER FELLOWSHIP PROGRAM**

DUE: NOV 10

WRITE: National Academy of Education

500 Fifth Street NW #1049

Washington, DC 20001

WEB: <http://www.nae.nyu.edu/spencer/index.htm>

E-MAIL: nae.info@nyu.edu

PHONE: 202/334-2341

National Academy of Education/Spencer Postdoctoral Fellowships are designed to promote scholarship in the United States and abroad on matters relevant to the improvement of education in all its forms. **ELIGIBILITY:** Applicants must have their Ph.D., Ed.D., or equivalent research degree conferred between January 1, 2000, and December 31, 2005. Applications from all disciplines are encouraged, provided that they describe research relevant to education. **FUNDING:** Fellows will receive \$55,000 for one academic year of research, or \$27,500 for each of two contiguous years, working half time.

NATIONAL ENDOWMENT FOR THE HUMANITIES

- **SUMMER STIPENDS**

DUE: OCT 3

WRITE: National Endowment for the Humanities

Division of Research Programs, Rm 318

1100 Pennsylvania Avenue, NW

Washington, DC 20506

WEB: <http://www.neh.gov/grants/guidelines/stipends.html>

E-MAIL: stipends@neh.gov

PHONE: 202/606-8200

Summer Stipends support individuals pursuing advanced research that contributes to scholarly knowledge or to the public's understanding of the humanities. Recipients usually produce scholarly articles, monographs on specialized subjects, books on broad

topics, archaeological site reports, translations, editions, or other scholarly tools. Summer Stipends support full-time work on a humanities project for a period of two months. Applicants may be faculty or staff members of colleges, universities, or primary or secondary schools, or they may be independent scholars or writers. ELIGIBILITY: Faculty or staff members of colleges or universities, or of primary or secondary schools, or independent scholars or writers may apply for a Summer Stipend. FUNDING: Summer Stipends provide \$5,000 for two consecutive months of full-time research and writing.

SMITHSONIAN INSTITUTION

- **WOODROW WILSON CENTER FELLOWSHIPS IN THE HUMANITIES AND SOCIAL SCIENCES**

DUE: OCT 1

WRITE: Scholar Selection and Services Office

Woodrow Wilson International Center

One Woodrow Wilson Plaza

1300 Pennsylvania Avenue, NW

Washington, DC 20004-3027

WEB: <http://wwics.si.edu/index.cfm?fuseaction=fellowships.welcome>

E-MAIL: fellowships@wwic.si.edu

PHONE: 202/691-4170

The Center awards approximately 20-25 residential fellowships annually to individuals with outstanding project proposals in a broad range of the social sciences and humanities on national and/or international issues. Topics should intersect with questions of public policy or provide the historical and/or cultural framework to illumine policy issues of contemporary importance. While the Center does not engage in formulating actual policy, it is particularly interested in those projects that help provide the essential background against which current issues can be more thoroughly understood. ELIGIBILITY: Applications from any country are welcome. Men and women with outstanding capabilities and experience from a wide variety of backgrounds (including government, the corporate world, and the professions, as well as academia) are eligible for appointment. For academic participants, eligibility is limited to the postdoctoral level. It is expected that academic candidates will have demonstrated their scholarly development by publications beyond their doctoral dissertations. FUNDING: The Center tries to ensure that the stipend provided under the fellowship, together with the fellow's other sources of funding (e.g., grants secured by the applicant and sabbatical allowances), approximate a fellow's regular salary. Stipends provided in recent years have ranged from \$26,200 to \$85,000 (the maximum possible in 2006-2007). Stipends include round trip travel for fellows. If spouses and dependent children will reside with the fellow for the entire fellowship period, money for their travel will also be included in the stipend. In addition to stipends, the Center provides 75 percent of health insurance premiums for fellows and these accompanying family members.

STANFORD HUMANITIES CENTER

- **EXTERNAL FACULTY FELLOWSHIPS**

DUE: OCT 17

WRITE: Chi Elliot, Fellowship Program Manager

Stanford Humanities Center

424 Santa Teresa Street

Stanford, CA 94305-4015

WEB: http://shc.stanford.edu/fellowships/external_fac.htm

E-MAIL: chiyuma@stanford.edu

PHONE: 650/723-3054

FAX: 650/723-1895

Since its inception in 1980, the Humanities Center has offered external fellowships to more than 150 faculty from nearly 100 universities in the United States and other countries. External fellows come from all ranks of the professoriate and from a wide variety of colleges and universities. The Center typically offers six to eight external

fellowships each year. ELIGIBILITY: Faculty fellowships are awarded across the spectrum of academic ranks (assistant, associate and full professor) as well as to independent scholars. Applicants with Ph.D.s awarded on or before September 2003 are eligible to apply for 2006-2007 fellowships. Junior fellowships are for scholars who will be at least three (and no more than ten) years beyond receipt of the Ph.D. by the start of their prospective fellowship year. Senior fellowships are for established scholars who are more than ten years beyond receipt of the Ph.D. FUNDING: Junior fellows are awarded stipends of up to \$40,000 and senior fellows stipends of up to \$50,000. In addition, a housing and moving allowance of up to \$10,000 is offered, dependent upon need. Applicants are expected to seek supplementary funding in the form of external grants or sabbatical or other contributions from home institutions.

UNITED STATES INSTITUTE OF PEACE

- **JENNINGS RANDOLPH PROGRAM - SENIOR FELLOWSHIPS**

DUE: SEP 15

WRITE: United States Institute of Peace

1200 17th Street, NW Suite 200

Washington, DC 20036-3011

WEB: <http://www.usip.org/fellows.html>

E-MAIL: fellows@usip.org

PHONE: 202/429-3886

FAX: 202/429-6063

Senior fellows play an important role in helping to advance understanding on issues related to the prevention, management, and resolution of international conflicts. Each year, fellows come from the ranks of outstanding policymakers, scholars, journalists, and foreign affairs professionals to conduct research at the Institute. During their term, fellows are integrated into the Institute's ongoing work to enhance the Institute's other research, education, and training programs. A key tool in the Institute's efforts to help bridge the gaps between government and academia, the NGO and IGO community, and the media, fellows often serve as a resource for policymakers in both the legislative and executive branches of the U.S. government. Fellows also assist in the Institute's public education and outreach activities through participation in public events, authoring of books and reports, and serving as a resource for members of the press. All fellows reside at the Institute for a period of up to ten months to conduct research on their projects, consult with staff, and contribute to the ongoing work of the Institute. Projects which demonstrate relevance to current policy debates will be highly competitive. The fellowship award includes a stipend, an office with computer and voicemail, and a part-time research assistant. The award also covers partial reimbursement of health insurance premiums and travel to and from Washington for fellows and dependents. The competition is open to citizens of all nations.

KURT WEILL FOUNDATION FOR MUSIC, INC.

DUE: NOV 1

WEB: <http://fconline.fdncenter.org/pnd/3670/kurtweill>

The Kurt Weill Foundation for Music, Inc. (<http://www.kwf.org>), a nonprofit corporation that promotes public understanding and appreciation of the musical works of Kurt Weill, is soliciting proposals from individuals and nonprofit organizations for funding of projects related to the perpetuation of Weill's artistic legacy.

Funding categories include:

Research and Travel Grants: Funding to support specific research expenses and travel expenses to locations of primary source material. Applicants must be researching a topic related to Kurt Weill and/or Lotte Lenya.

Symposia: Performing and educational organizations may apply for support of direct expenses, including speakers' honoraria and travel expenses.

Publication Assistance: Funding may be requested to assist in expenses related to preparing manuscripts for publication in a recognized scholarly medium. Not-for-profit publishing companies are encouraged to apply.

Dissertation Fellowships: Ph.D. candidates may apply for dissertation fellowships to assist in research activities.

College/University Performance and Production Grants: Under the Stage Works category, the foundation will award up to ten grants, up to a maximum \$5,000 each, to colleges and universities in support of general production expenses for performances of Kurt Weill's stage works. Under the Concert Works category, the foundation will provide grants of up to \$3,000 to cover expenses related to performances of concert works.

Recording Projects: Proposals requesting funds for artist and musician fees, rehearsal expenses, and mastertape production expenses will be eligible.

Broadcasts: The foundation welcomes proposals from producers and not-for-profit broadcasters to support programs that feature Kurt Weill's life and/or music.

Professional Performance and Production Grants (requests under \$5,000): Proposals from professional and regional opera companies, theater companies, and concert groups should substantiate that requested funds will be used to enhance the musical qualities of the performance. Appropriate requests include funds for soloists, orchestra fees, and extra rehearsals.

Professional Performance and Production Grants (requests over \$5,000): Evaluation procedures for professional performance grants over \$5,000 differ from other categories. Applications in this category are accepted at any time. To apply, professional organizations should contact foundation staff at the earliest stages of the project.

WHITEHALL FOUNDATION, INC.

- **GRANT PROGRAMS**

DUE: OCT 1 JAN 15 APR 15, letter of intent

WRITE: Grant Programs
Whitehall Foundation, Inc.

P.O. Box 3423

Palm Beach, FL 33480

WEB: <http://www.whitehall.org/>

E-MAIL: email@whitehall.org

PHONE: 561/655-4474

FAX: 561/659-4978

The Foundation offers Research Grants and Grants-in-Aid. Research grants in neurobiology are available to established scientists of all ages working at accredited institutions in the United States. Applications will be judged on the scientific merit and the innovative aspects of the proposal as well as the competence of the applicant. Research grants of up to three years will be provided. A renewal grant with a maximum of two years is possible, but it will be awarded on a competitive basis. Research grants will not be awarded to investigators who have already received, or expect to receive, substantial support from other sources, even if it is for an unrelated purpose. The Grants-in-Aid program is designed for researchers at the assistant professor level who experience difficulty in competing for research funds because they have not yet become firmly established. Grants-in-Aid can also be made to senior scientists. All applications will be judged on the scientific merit and innovative aspects of the proposal, as well as on past performance and evidence of the applicant's continued productivity. **FUNDING:** Research grants normally range from \$30,000 to

\$75,000 per year. Grants-in-Aid are awarded for a one-year period and do not exceed \$30,000.

NEW ANNOUNCEMENTS: Graduate & Undergraduate Programs

Also see [Government Agencies](#) and [Foundations & Other](#) for additional graduate and undergraduate opportunities. Remember to look in the [newsletter archives](#) for previously announced opportunities that are still active.

American Association for Cancer Research

- Research Fellowships
WEB: http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=1138
DUE: NOV 1

American Kidney Fund

- Clinical Scientist in Nephrology Fellowship
WEB: http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=1356
DUE: DEC 1

Advancement of Research for Myopathies

- Research Grants
WEB: http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=2647
DUE: DEC 15

Department of Energy

- Plasma Physics Junior Faculty Development Program Grant
WEB: <http://www.fedgrants.gov/Applicants/DOE/PAM/HQ/DE-FG01-05ER05-21/listing.html>
DUE: OCT 18
- Office of Nuclear Physics Outstanding Junior Investigator Program Grant
WEB: <http://www.fedgrants.gov/Applicants/DOE/PAM/HQ/DE-FG01-05ER05-24/listing.html>
DUE: NOV 8

Environmental Protection Agency

- FALL 2006 EPA Greater Research Opportunities (GRO) Fellowships For Graduate Environmental Study
WEB: http://es.epa.gov/ncer/rfa/2006/2006_gro_fellow.html
DUE: OCT 18, 4:00 pm EST
- FALL 2006 EPA Science To Achieve Results (STAR) Fellowships for Graduate Environmental Study
WEB: http://es.epa.gov/ncer/rfa/2006/2006_star_fellow.html
DUE: OCT 18, 4:00 pm EST

Health Resources and Services Administration

- Pathways to Health Professions Grant
WEB: <http://www.fedgrants.gov/Applicants/HHS/HRSA/GAC/HRSA-06-036/listing.html>
DUE: OCT 3

LI-COR

- LI-COR Biosciences 2006 Genomics Education Matching Fund Program
WEB: http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3573
DUE: NOV 1

National Institutes of Health

- Ruth L. Kirschstein National Research Service Awards for Individual Predoctoral MD/PhD Fellows (F30) Grant
WEB: <http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/PA-05-151/listing.html>
DUE: Multiple dates

National Science Foundation

- Graduate Research Fellowship Program Grant
WEB: <http://www.fedgrants.gov/Applicants/NSF/OIRM/HQ/05-601/listing.html>
DUE: NOV 2 (though dates vary with discipline)
- International Research Fellowship Program
DUE: OCT 11
WEB: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5179

Oak Ridge Institute for Science & Education

- Department of Commerce Internship Program for Postsecondary Students
WEB: http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=170
DUE: DEC 31

Pasteur Foundation

- Paul W. Zuccaire Undergraduate Internships - Summer 2006 - Institut Pasteur in Paris, France
WEB: http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3128
DUE: DEC 15

US Department of Energy- Office of Science Education

- Science Undergraduate Laboratory Internships (SULI)
WEB: http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=2600
DUE: OCT 3

Wellcome Trust

- Senior Research Fellowship in Clinical Science
WEB: http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3581
DUE: SEPT 15
- Postdoctoral Research Fellowships in Bioarchaeology
WEB: http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3584
DUE: OCT 8
- Advanced Training Fellowship
WEB: http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3553
DUE: NOV 1
- Career Re-entry Fellowship
WEB: http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3580
DUE: NOV 1
- Research Career Development Fellowship
WEB: http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3552
DUE: NOV 1
- Intermediate Clinical Fellowship
WEB: http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3582
DUE: NOV 25
- Research Training Fellowship
WEB: http://www.grantsnet.org/search/pgm_info.cfm?pgm_id=3583
DUE: NOV 25

APPLICATION DEADLINES

To download the June-September (2005) Grant Advisor **deadline memo** in PDF format, visit http://www.umsl.edu/services/ora/about/documents/DeadlineMemo_Sept05.pdf.

News

Research News:

- University of Missouri Names Vice President for Economic Development
- College of Education Receives \$28 Million Grant
- Skin Cells Converted to Stem Cells
- JHU is First in R&D Spending

Technology Transfer News:

- UM-St. Louis Tech Transfer Report
- Universities Transfer Tech into Commercial Dollars
- City to Blight 246 Acres for Biotech
- Patent Reform Act of 2005

Research News

UM System Names Vice President for Research & Economic Development

The University of Missouri appointed John Gardner vice president for research and economic development effective Oct. 1.

Gardner, currently associate dean of research and outreach in the College of Agriculture Food and Natural Resources, will coordinate the university's statewide activities in economic development and research. Included in his responsibilities will be research park issues, creating a 501(c)3 to house some of the university's economic development activities, and refining the system's technology transfer structure.

Missouri Gov. Matt Blunt said the new vice-president position would be invaluable in taking full advantage of the university's excellence in academics and research and to boost the commercialization of new technologies developed there to creating new jobs and high-tech companies in the state.

"By harnessing the academic and research expertise at the University of Missouri we are going to be able to jump-start our economic development efforts in new and exciting ways," Blunt said, in a statement. ■

UMSL College of Education Receives \$28 Million Grant for SLINGS



Photo by Tom Hockett. From left: College of Education Dean Charles Schmitz; UM-St. Louis Chancellor Tom George; Patricia Simmons, William R. Orthwein Jr. Professor of Life-long Learning in the Sciences in the Division of Teaching and Learning; and St. Louis Community College Chancellor Henry Shannon.

The University of Missouri-St. Louis' College of Education and St. Louis Community College have launched a \$60 million effort to boost area high-school graduation and college enrollment rates.

About half of the funding for the program came from a \$28 million, six-year grant awarded to UM-St. Louis from the U.S. Department of Education, which is the largest grant in UM-St. Louis' 42-year history. The remainder of the funds will come from participating groups.

The program, called St. Louis In-Gear for Success, or SLINGS, will begin this fall with more than 6,000 seventh-graders who will continue in the program until they graduate from high school in 2011. Participating school districts include Ferguson-Florissant, Hazelwood, Jennings, Normandy, Riverview Gardens, St. Louis Public Schools, University City and Wellston.

Included in the program are more than \$660,000 in college scholarships for eligible students. The program will also include education for parents on the importance of higher education, as well as professional development for school leaders and teachers.

SLINGS will operate through UM-St. Louis' Gaining Early Awareness and Readiness for Undergraduate Programs program, or GEAR-UP. ■

Skin Cells Converted to Stem Cells

By RICK WEISS
of The Washington Post
August 23, 2005

Scientists for the first time have turned ordinary skin cells into what appear to be embryonic stem cells -- without having to use human eggs or make new human embryos in the process, as has always been required in the past, a Harvard research team announced yesterday.

The technique uses laboratory-grown human embryonic stem cells -- such as the ones that President Bush has already approved for use by federally funded researchers -- to "reprogram" the genes in a person's skin cell, turning that skin cell into an embryonic stem cell itself.

The approach...is still in an early stage of development.

Researcher Kevin Eggan speaking with reporters on Monday said, "I can't stress enough that this technology is not ready for prime time right now. It is not a replacement for those techniques that we already have for derivation of embryonic stem cells," the Associated Press reported.

"There are lots of stumbling blocks still ahead," said B.D. Colen, a spokesman for Harvard.

But if further studies confirm its usefulness, the technique could offer an end run around the heated social and religious debate that has for years overshadowed the field of human embryonic stem cell research.

Since the new stem cells in this technique are essentially rejuvenated versions of a person's own skin cells, the DNA in those new stem cells matches the DNA of the person who provided the skin cells. In theory at least, that means that any tissues grown from those newly minted stem cells could be transplanted into the person to treat a disease without much risk that they would be rejected, because they would constitute an exact genetic match.

Until now, the only way to turn a person's ordinary cell into a "personalized" stem cell such as this was to turn that ordinary cell into an embryo first and later destroy the embryo to retrieve the new stem cells growing inside -- a process widely known as "therapeutic cloning."

That prospect, like others in the promising arena of human embryonic stem cell research, has stirred strong emotions among those who believe that days-old human embryos should not be intentionally destroyed.

Embryonic stem cells are capable of becoming virtually any kind of cell or tissue and are being intensely studied around the world as the core of a newly emerging field of regenerative medicine, in which researchers hope to grow new tissues to revitalize ailing organs. Although human embryonic stem cells have never been tested in humans, some researchers expect human clinical trials to begin within a year or so. Researchers caution, however, that like many other nascent therapies that initially

seemed promising, stem cells may never live up to their promise.

If some lingering, and potentially daunting, uncertainties can be dealt with successfully, the new technique "may circumvent some of the logistical and societal concerns" that have hampered much of the research in this country, Chad A. Cowan, Kevin Eggan and colleagues from the Harvard Stem Cell Institute report in the Science article.

The researchers emphasize in their report that the technique is still far from finding an application in medicine. Most important, they note: Because it involves the fusion of a stem cell and a person's ordinary skin cell, the process leads to the creation of a hybrid cell. While that cell has all the characteristics of a new embryonic stem cell, it contains the DNA of the person who donated the skin cell and also the DNA that was in the initial embryonic stem cell. ■

Basic cell fusion facts:

(Information provided by Missouri Coalition for Lifesaving Cures)

- This new technique involves the combination of patient skin cells and embryonic stem cells derived from IVF blastocysts that would otherwise be discarded and destroyed.
- It may someday provide another way – in addition to SCNT – of creating stem cells that match a patient's genetic makeup.
- However, unlike SCNT stem cells (which are made entirely with the patient's DNA), the stem cells created with this new technique carry DNA from both the patient AND the blastocyst.
- The Washington Post reports that the Harvard researchers involved have noted that: "At some point before these hybrid cells are coaxed to grow into replacement parts to be transplanted into a person, that extra DNA must be extracted...The team describes the task as a 'substantial technical barrier' to the clinical use of stem cells made by the new technique."
- It will take much more research to determine if this new technique could provide the same potential cures that SCNT could provide.
- And, since many opponents of early stem cell research are opposed to both the use of stem cells from excess IVF blastocysts and stem cells produced with the SCNT process, the new technique would not resolve the stem cell debate even if the technical barriers involved are overcome.

For more information about the new cell fusion technique, visit the Howard Hughes Medical Institute web site: <http://www.hhmi.org/news/melton6.html>.

JHU is First in R&D Spending

NSF Ranking Puts Johns Hopkins at Top for 25th Year in a Row

By Lisa De Nike

Excerpted from The JHU Gazette

August 8, 2005

<http://www.jhu.edu/~gazette/>

The Johns Hopkins University performed \$1.24 billion in scientific, medical and engineering research in fiscal year 2003, making it — for the 25th year in a row —

the country's leading academic institution in such expenditures, according to a new National Science Foundation ranking.

The university was also first on NSF's list of federally funded research expenditures, spending \$1.107 billion in FY2003 on research funded by agencies such as the National Institutes of Health, NASA, NSF and the Department of Defense.

Johns Hopkins remains the only university ever to cross the \$1 billion threshold on either list. It became the first to do so in FY2002, when it recorded \$1.140 billion in total research and \$1.023 billion in federally sponsored research.

Research funding at Johns Hopkins supports projects exploring everything from the genetic underpinnings of disease to robotics to the early history of the universe. Among the many advances reported by Johns Hopkins scientists in FY2003 were the use of stem cells to improve movement in paralyzed rats, the discovery of a massive gaseous cloud in the same orbit around Jupiter as the moon Europa and the creation of a form of pure copper metal six times stronger than normal.

Federal and other funding sources support research at the School of Medicine, Bloomberg School of Public Health, Krieger School of Arts and Sciences, Whiting School of Engineering, School of Nursing and Applied Physics Laboratory.

"Discoveries that expand knowledge, improve our world and help people are the primary focus of the medical, scientific and engineering research we do at Johns Hopkins," said William R. Brody, president of the university. "But there's a side effect of this research spending that should never be forgotten: We bring outside money into Maryland and spend much of it here, and that's a key to the strength of the state's economy." ■

Technology Transfer News

UM-St. Louis Tech Transfer Report

	FY99/00	FY2001	FY2002	FY2003	FY2004	FY2005 (through March '05)
<i>Disclosures Filed</i>	5	1	4	1	3	8
<i>US Patent Applications Filed</i>	0	0	2	2	2	1
<i>US Patents Issued</i>	0	0	0	0	1	0
<i>Licenses/Options Signed</i>	1	3	2	1	1	0
<i>Licensing Income</i>	0.00	0.00	0.00	0.00	0.00	\$76,890.77

Universities Transfer Tech into Commercial Dollars

By VICTORIA SÆLAND
From The St. Louis Business Journal
August 22 , 2005
<http://www.bizjournals.com>

Washington University's Office of Technology Management, which oversees technology transfer, recorded \$8 million to \$10 million in licensing revenue in 2004.

The office annually processes 1,500 to 2,400 license agreements and spins off three to four companies every year. But Michael Douglas, vice chancellor and director of Washington University's Office of Technology Management, said that the university could be forming more companies.

"We should spin off five to six companies every year," he said, based on the amount of research funding the university receives. The shortfall may reflect the fact that the university traditionally has less interest in the commercialization process and more in conducting the academic research, Douglas said.

Bill Simon, vice president and chief operating officer of the Center for Emerging Technologies, a business incubator in St. Louis, agrees that more companies should be coming out of academic discoveries at universities in the St. Louis area.

"There should be three times as many," Simon said. While universities in the St. Louis area have progressed on commercializing their intellectual property in the last few years, they are not doing enough, he said.

"As far as technology transfer at universities here, they have not made a big impact yet," he said, emphasizing the word "yet." Part of the reason is that the universities and the community are hesitating to invest in technology transfer, he said. Lack of money and required regulatory approval, which can slow down the commercialization process, are also reasons why there are not more startup companies, he said.

"There are plenty of good ideas in St. Louis, but they need funding," he said.

Now, as the National Institutes of Health (NIH) and the federal government increasingly want to see more commercialization of technology from the research money they send to universities, Douglas said changes are under way.

"We'll get there. I don't see any problem with that," he said, but noted it requires a change in culture resulting in more interest among faculty to commercialize academic discoveries.

Two of the companies spun off from Washington University are Kereos, a biotech company that develops products to more effectively detect and treat cancer, and Exegy, formed to commercialize technology for data storage and high-speed data searching that was developed at the university.

At Saint Louis University, \$2.5 million in licensing revenue was generated in 2004, and three companies were formed: Auxagen, Cervimark and ChemBionix.

The University of Missouri-St. Louis has been setting up two companies on campus, but would not disclose their names as the university is still in the process of wrapping up the agreements, according to Nasser Arshadi, vice provost for research. The University of Missouri system had annual licensing revenue of \$9.2 million.

Universities are increasingly investing in technology transfer at campuses nationwide. According to the Association of University Technology Managers (AUTM) Licensing Survey for 2003, 195 U.S. institutions reported that 4,516 new licenses and options were executed in fiscal 2003, up from 4,312 the year before. Of 189 institutions, 25,979 licenses and options were active in 2003, and 374 new companies based on academic discoveries were reported by 190 institutions, according to the survey.

According to the AUTM survey, 188 U.S. institutions reported \$38.53 billion in sponsored research expenditures in 2003, up 10.1 percent from the year before.

Washington University receives about 80 percent of the government funding that flows into Missouri universities, according to Jon Kratochvil, business development manager at the university. He said that in fiscal year 2004 the university received \$468 million in total external research funding.

It also receives funding from the Kansas City-based Ewing Marion Kauffman Foundation's program to promote entrepreneurship education, the Kauffman Campuses Initiative.

Douglas said the trick for universities is to capture the value of the intellectual property and protect it through patents while also ensuring it reaches the public in a timely manner. "We have an academic duty to see that the value of discoveries is properly delivered for the public good," he said.

When a discovery is licensed, universities usually receive royalties from the licensing fee. At Washington University, the creator receives 35 percent of the revenue, the creator's school receives 40 percent and the Office of Technology Management gets 25 percent.

At Saint Louis University, the inventor receives 40 percent of the royalties while the inventor's college, department and the university each receive 20 percent.

At UM-St. Louis, the inventor receives one-third of the licensing fee, and the inventor's department, the tech transfer office and the research office each receive two-ninths of the money.

When a company is formed around an academic discovery and spun off, the universities can take equity in the company, which they usually limit to about 10 percent, Douglas said. The companies will then move off campus, often to a business incubator such as the Center for Emerging Technologies. Of the center's nine

companies, Simon said only a few are spinoffs from universities, although most of them have connections to universities through research agreements.

That is also the case at the Nidus Center for Scientific Enterprise at 893 N. Warson Road, where about three of nine companies at the center are spinoffs from universities, according to Robert Calcaterra, president and chief executive.

To further the opportunities for companies built around technology, UM-St. Louis is close to breaking ground on a \$5 million information technology incubator that will house up to 12 IT startup companies. The center is scheduled for completion in the fall of 2006.

The center's location has not yet been determined, as the university is awaiting Express Scripts' decision on where to move its headquarters. If the St. Louis-based pharmacy benefits management company leases space from the university at a location south of Highway 40, Arshadi said they want to build the center in that area. If that does not happen, the center will be built at the former Normandy Hospital, which the university owns. ■

City to Blight 246 Acres for Biotech

By HEATHER COLE

Excerpted from The St. Louis Business Journal

August 8, 2005

<http://www.bizjournals.com>

The long-discussed biotech corridor that would connect the area's research centers and create the infrastructure to build a life sciences industry in St. Louis is now on the map.

The city of St. Louis has identified 246 acres on two sites in midtown that it plans to blight, according to documents filed with the St. Louis Development Corp., which for the first time outline the scope of the planned development.

While the city will issue a request for proposals to develop the site, the nonprofit Center of Research Technology and Entrepreneurial Expertise, or CORTEX, already is the acknowledged frontrunner, with the St. Louis Development Corp. dubbing the areas CORTEX West and CORTEX East on the documents.

CORTEX is composed of leaders from Washington University, Saint Louis University, University of Missouri-St. Louis, Barnes-Jewish Hospital and the Missouri Botanical Garden. Those institutions have pledged \$29 million over five years to develop research space to retain startup biotech companies and attract larger biotech companies to the city.

CORTEX is expected to file a redevelopment plan with the city in the next month. John Dubinsky, CORTEX's executive director, declined to give details on the proposal until it was submitted to the city, but said the plan calls for development over 20 to 30 years. "It has the probability to generate thousands of new jobs and allow St. Louis to join leading cities in the country with respect to the biotech industry," he said.

The redevelopment would be one of the larger ones for the city with more than 8 million square feet, said Alderman Joe Roddy, whose 17th Ward includes the redevelopment areas. "People would be disappointed if we don't get a few hundred millions of dollars worth of development."

The Board of Aldermen passed a bill July 22 that would declare the CORTEX West area blighted, setting the stage for the redevelopment. CORTEX West, with 173 acres, would run from Taylor on the west to Vandeventer on the east and from Forest Park Avenue on the north to U.S. 40 on the south.

A companion bill that would blight the remaining 73 acres, CORTEX East, is expected to be introduced in September when the board returns from summer recess. CORTEX East circles the Saint Louis University Medical School, extending north along Grand Boulevard to U.S. 40.

Mayor Francis Slay is expected to sign the bills.

Marcia Mellitz, president of biotech business incubator Center for Emerging Technologies, said while St. Louis is competitive with other non-coastal cities for building a biotech industry, "without having space to offer, we've never been able to capitalize on that interest.

"The question at this point is can we scale it up? CORTEX is about the scale up." ■

>>Read entire article at

http://www.bizjournals.com/industries/health_care/biotechnology/2005/08/08/stlouis_story1.html

Patent Reform Act of 2005

By DENNIS CROUCH, patent attorney at McDonnell Boehnen Hulbert & Berghoff LLP

From Patently-O: Patent Law Blog

August 2005

The Patent Reform Act of 2005 is changing as it moves through congress. In the latest amendment, Representative Smith has eliminated some of the most controversial aspects of the bill, including the injunction provision and the provision that would limit the scope of claims in continuing applications.

The reform measures still include a move to first-to-file; changes to the duty of candor; limitations on infringement and willfulness damages; post grant opposition procedures; and a revised venue statute. ■

Faculty Spotlight:

John Dalton brings “Heaven Lake” home

Critically acclaimed author returns to UM-St. Louis, but this time as an Assistant Professor of English

Novelists must spend

four to six hours a day locked away writing, according to John Dalton, author of “Heaven Lake” and new Assistant Professor in the writing program at UM-St. Louis. “To have balance, you have to come out of the cave and meet others who are passionate about writing and about books.”

While achieving balance is the reason Dalton teaches, interacting with talented students who have real life experience is the reason he now teaches at UMSL.

But can you teach someone to be a good writer? Dalton answers, “Yes and no.”

“I can’t teach someone how to be funny and ironic, or deep and moving,” he says, “but when they have raw talent, I can teach them how to refine their ability. I can coach students to avoid rookie mistakes, like all the ones I made in the eight years it took to write ‘Heaven Lake.’”

At the end of those eight years, however, Dalton produced a debut novel that shows no signs of rookie mistakes. Now in its fifth paperback printing since March and with 60,000 total hardback and paperback copies in print, “Heaven Lake” is considered a rare success in the fiction world. “Most first novels sell around 5,000 in hardback and about the same in paperback,” Dalton says. In fact, most books published in 2002, including those by previously published authors, had print runs of 2,000 to 5,000 copies, according to Publishers Marketing Association.

Dalton’s book has received much recognition, winning first place for fiction in the Barnes and Nobel Discover Awards; winning the Sue Kaufman Prize for best first fiction of 2004 from the American Academy of Arts and Letters; and being chosen for 2004 Best Books of the Year lists by Publishers Weekly, the Chicago Tribune, the St. Louis Post-Dispatch, Pages magazine, PopMatters and The Journal News.



The long journey to publishing "Heaven Lake" in 2004, however, actually began in 1987 when Dalton's brother gave him a trip around the world for finishing his English studies at UM-St. Louis. His trip took this native St. Louisan to various destinations, from Thailand to Australia and Fiji.

It was Taiwan, however, that offered the beginnings of his novel and a new chapter in his life. There he taught English and met his wife, Jen Jen Chang, who is a public health researcher and professor at Saint Louis University.

While in Taiwan, he was approached by a Taiwanese businessman in a restaurant that he and a group of expatriate teachers frequented. The man pretended to want to learn English, but he actually needed their help in a different area. He had fallen in love with a woman he had met in Mainland China months before while traveling there on business. At that time, political and legal obstacles made marriage between a Taiwanese and a Mainlander nearly impossible; but Americans, Canadians and Australians did not face the same barriers. The man suggested that Dalton or one of his friends go to China, find the woman, marry her, and bring her to Taiwan so he could begin a life with his new love.

"It's hard to know how serious he was," Dalton says. "It was late, and we'd all had a lot of beer. But the proposal seemed to be a gift, an evocative idea that I might someday build a novel around."

This is exactly what he did. "Heaven Lake" tells the story of Vincent Saunders, a young man from Illinois who travels to Touliao, Taiwan, as a missionary. In his attempts to convert the Taiwanese, he advertises free English lessons followed by Bible studies. Several students show up, including Mr. Gwa, a wealthy businessman who feigns an interest in learning English. Gwa actually wants to employ Vincent in his scheme to bring the beautiful Kai-ling from the western provinces of China to Taiwan. The plan turns out to be much like what was suggested to Dalton and his friends in the late 1980s, but as with all good fiction, the story in "Heaven Lake" is not quite that simple.

Writing "Heaven Lake" was not simple either. Dalton came away from his experiences in Taiwan and Mainland China with story ideas and cultural knowledge that would help in his writing, but his experiences didn't amount to the story he wanted to tell.

"I didn't want to make Vincent just an English teacher," he says. "I made him a missionary because I find them really interesting, mostly because of their level of naiveté. But I also like repressed characters, and Vincent is definitely repressed. The change such characters can experience over the course of a novel can be very dramatic."

Dalton also notes that he never got into the same trouble in Taiwan that his character, Vincent, gets into in the book.

After returning to the United States in the early '90s to earn his Master's in Creative Writing from the prestigious University of Iowa writing program, Dalton came back to St. Louis to embark on writing his first book. As a budding writer might do, he helped his wife pay the bills by teaching classes at several local universities, waiting tables and working in a bookstore.

Over the next several years, Dalton realized that conjuring story details is just the beginning of the writing process. "In good books, each sentence is doing three or four or sometimes 10 complicated things at once," Dalton says. "The demands of good prose -- clarity, compression, precision, evocativeness -- are almost overwhelming. Some days it is impossible. Most days it is close to impossible. And when you are successful in shaping a sentence, a paragraph, a passage or a scene to your satisfaction, it immediately outshines the less developed writing it stands beside. Thus, you're always rewriting, bringing the level of your prose up to match the very best writing."

Publishing "Heaven Lake," however, ended up being a much simpler process than writing the book. Dalton's agent sent the manuscript to more than a dozen commercial publishing houses, nearly half of which expressed interest. "Heaven Lake" was sold to Scribner Publishers in New York within six days.

With the book publishing behind him, Dalton accepted a position as Visiting Assistant Professor at the University of North Carolina during the 2004-2005 academic year. Now he has brought his talent and experience back to St. Louis and UMSL's writing program. He is teaching an MFA fiction workshop this semester and will teach an undergraduate fiction workshop and another class to be determined next semester.

"Students fall into two categories," Dalton says, those who want to be authors, and those who are simply interested in writing. "Even for those who are not pursuing a career in writing, the study of fiction writing and poetry writing is an enriching and rewarding experience. Then there are those with the rare combination of talent and ambition from whom we can expect to see books down the road."

Outside of the classroom, Dalton is back in his "cave" writing his second novel. The first half of the new story is set in 1975 at a summer camp in the Missouri Ozarks for what was then termed the "mentally retarded." The book revisits the same characters years later in present day.

Can these new characters take the place of the old? After spending eight years developing characters for a novel like "Heaven Lake," can an author stop thinking about their "lives"?

"I've heard other writers talk about missing their characters, but after eight years, I felt like I'd spent enough time with them," Dalton says. "The good news is that I'm every bit as interested in the characters for my second novel and am very content to spend my time thinking about and fretting over them." ■

Calendar

Internal Meetings & Deadlines

❑ **UM-St. Louis Small Grants:** Oct 10, 2005; Mar 6, 2006

New guidelines will be posted on the ORA web site after Labor Day.

❑ **President's Award Nominations:** Oct 14

New guidelines will be posted on the ORA web site after Labor Day.

❑ **UM-St. Louis Research Awards:** Oct 17, 2005; Feb 6, 2006

New guidelines will be posted on the ORA web site after Labor Day.

❑ **University of Missouri Research Board Awards:** Oct 4, 2005; Feb 13, 2006

Time: 5 p.m. *Late submissions will be held for the next deadline.*

❑ **IACUC Meetings:** Sept 2, Oct 7, Nov 4

(1st Friday of each month -- schedule subject to change)

Time: 3 p.m.

Location: Biology Conference Room

Protocols are due 10 days prior to meeting to John Hancock, 341 Woods Hall.

❑ **IRB Meetings:** Sept 15, Oct 20, Nov 17

(3rd Thursday of each month -- schedule subject to change)

Time: 9 a.m.

Location: 335 Woods Hall

Protocols are due 10 days prior to meeting to John Hancock, 341 Woods Hall.

Upcoming Events & Training

❑ **STEP into TECHNOLOGY:** Sept 7

Description:

You are cordially invited to attend the last in a three-part seminar series to learn about university-industry technology transfer of viable technologies.

- **Sept 7** - University Technology-Based Companies: Start-Up Challenges, Opportunities and Risks

Time: Seminar begins at 3 pm; Reception begins at 4 pm; Havener Center, UMR

Registration: <http://www.umorceo.net/step.html> or call (573) 341-4690

Sponsored by University of Missouri-Rolla Center for Entrepreneurship & Outreach and SBA Rural Outreach Program

▣ BIO Mid-America VentureForum: Sept 21-23

Description:

The [BIO Mid-America VentureForum](#) is the Midwest's largest annual event showcasing some of the most promising biotech, med-tech and medical device companies in the nation. For the third consecutive year, this forum will allow venture capitalists, entrepreneurs, and other industry participants from across the U.S. and beyond to meet and explore investment opportunities, funding, and valuable partnerships. Do not miss the chance to cultivate valuable relationships with some of the most influential companies and individuals in the national and international life sciences scene!

What is new this year? A special focus is on the medical device industry, one of the Midwest's unique strengths, and a field that is quickly attracting capital investments from some of the nation's leading VC firms. This year's event is hosted by Medical Alley with continued support from the MHIN, and NVCA. The 2005 BIO Mid-America VentureForum will be held in Minneapolis-St. Paul, September 21-23, 2005 at the Hilton Hotel, Minneapolis. Co-sponsoring state associations include Colorado, Iowa, Indiana, Illinois, Michigan, Minnesota, Missouri, Ohio, and Wisconsin.

Who should attend? Biotech and Medtech CEOs, CFOs, Angel Investors, corporate investors, VCs, and Investment Bankers. In addition to bringing together private start-ups from the region and investors from around the country, the conference also attracts a national audience of researchers, academic institutions, and senior executives from leading pharmaceutical, medical technology, and agricultural companies to participate in the various workshops, plenary sessions and keynote speeches.

Dates: Sept 21-23

Location: Minneapolis/St. Paul

Click here for more information: <http://bma.bio.org/opencms/bma/2005/index.jsp>

▣ BioTrends Midwest 2005: Oct 20

Description:

BioTrends Midwest 2005 will feature a panel of leading industry professionals and policymakers who will identify new business and legal trends impacting the life sciences and healthcare technology industries.

In a series of moderated panels, leading industry professionals and policymakers will highlight trends, risks and opportunities that will continue to shape and define the life sciences and healthcare technology industries.

Time: 8:30 a.m. to 5:30 p.m.

Location: Sigma-Aldrich Life Science and High Technology Center

2909 Laclède

St. Louis, MO 63103

Information: <http://www.biotrendsmidwest.com>

Presenting Sponsor: Armstrong Teasdale LLP

▣ Tech Tour, Alberici: Nov 3

Description:

The **St. Louis RCGA's Technology Gateway Council** is planning their fall 2005 Tech Tour at the Alberici Headquarters on Thursday, November 3. This event will be held from 5:30 to 9:00 pm and will feature guided tours of the building, networking, live music, appetizers and beverages.

Alberici transformed a circa-1950's derelict brick office building and large sheet fabrication shed into a park-like corporate campus with modern showcase Class A office building that incorporates world-class, cutting-edge "green" technology and sustainable building practices. Featuring an outdoor courtyard, ponds, wetlands, native-grass prairies and walking paths, the building has recently been awarded v2 LEED (Leadership in Energy and Environmental Design) certification at the Platinum Level, making it only one of nine buildings in the entire world to be certified at this level. The LEED Green Building Rating System, developed by the US Green Building Council (USGBC), defines and measures sustainable design and building practices, specifying standards in five categories – sustainable site, water efficiency, energy and atmosphere, materials and resources, and indoor environmental quality.

Time: 5:30 to 9 p.m.

Location: Alberici

8800 Page Avenue

Overland, Missouri 63114

Cost: \$15 for RCGA members (UMSL is a member); \$20 for non-members

Information: For more information or to register for this event, please contact Kelley Bryan at (314) 444-1112 or e-mail her at kbryan@stlrcga.org.

Contact Us

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Please direct comments and questions regarding this newsletter to **Tamara Kratochvil**, kratochvilt@umsl.edu.

Help with the Basics

(see contact information below under ORA Staff)

- **PRE-AWARD**
 - Funding opportunities: [Tamara Kratochvil](#)
 - Narrative editing: [Tamara Kratochvil](#)
 - Budget: [Ginny Schodroski](#)
 - Funding agency compliance: [Ginny Schodroski](#)
 - Electronic proposal submission: [Brenda Stutte](#)
 - Internal awards: [Brenda Stutte](#)
 - Award status: [Brenda Stutte](#), [Ginny Schodroski](#)
 - PeopleSoft assistance: [Ginny Schodroski](#)
- **POST-AWARD**
 - Accounting (invoicing, financial reports, account tracking, etc.): [Margie Fisher](#)
 - Faculty grant account set-up: [Ginny Schodroski](#)
- **OTHER**
 - Policies and procedures: [Nasser Arshadi](#)
 - General accounting questions: [Karen Boyd](#)

- Reports on UM-St. Louis grants: [Brenda Stutte](#)
- Sponsored research agreements (standard license option): [Ginny Schodroski](#)
- IRB and IACUC compliance: [John Hancock](#)
- Care of lab animals: [Larry Hinkle](#)
- Technology transfer (invention disclosures, IP protection, licenses, confidentiality agreements, material transfer agreements, etc.): [Tamara Kratochvil](#)
- "Spirit of Innovation" newsletter: [Tamara Kratochvil](#)

ORA Staff

Nasser Arshadi (arshadi@umsl.edu, 516-5899), Ph.D., Vice Provost for Research, oversees the mission of UM-St. Louis Office of Research Administration, collaborating with chief research officers on each of the University of Missouri system campuses and promoting UM-SL projects and research. He also supervises UM-St. Louis' research and entrepreneurial operations on-and-off-Campus, including the Public Policy Research Center, Center for Emerging Technologies, and Missouri Enterprise, among others. [Bio Sketch](#)

Karen Boyd (boyd@umsl.edu, 516-5923), B.S. in Business Administration, Manager, Business/Fiscal Operations, oversees all grant-related accounting, ranging from preparation of budgets for funding applications to handling invoicing for current grant-funded projects.

Margie Fisher (fisherms@umsl.edu, 516-5893), B.A. in Finance, Senior Accountant, handles post-award accounting for grants and contracts, including invoicing, preparing financial reports, tracking accounts and making daily deposits.

Larry Hinkle (hinklelg@umsl.edu, 516-5928), Animal Technician II, provides daily care to all lab animals and maintains facility equipment and orders supplies. He assists students and researchers with technical services.

John Hancock (hancockjc@umsl.edu, 516-5928), M.S. in Animal Science, Manager, Animal Welfare Unit and Compliance, oversees the operations of UM-St. Louis' research animal facility, satellite facilities, and labs; monitors training and maintenance; and maintains financial and research records to ensure compliance with regulations.

Tamara Kratochvil (kratochvilt@umsl.edu, 516-6884), B.J. in Journalism, Technology Transfer Coordinator/Senior Grant Writer, directs and coordinates all campus technology transfer activities, seeks funding opportunities for campus projects and research, serves as "Spirit of Innovation Newsletter" editor, and advises faculty and staff in preparing grant applications.

Virginia (Ginny) Schodroski (ginny@umsl.edu, 516-5284), Grant and Contract Specialist, assists faculty and staff in preparing budgets and with the submission of their funding applications, ensuring that all documents comply with University and granting agency regulations. She also sets up the accounts for awards to the faculty.

Brenda Stutte (stutte@umsl.edu, 516-5897), Grant and Contract Specialist, coordinates campus-based funding programs (UM-St. Louis Research Awards and the Small Grants fund), assists the faculty with submissions of externally funded research proposals to federal agencies, and provides accounting services in the distribution of the Grant Incentive Fund.