

# Office of Research Administration Newsletter



THE UNIVERSITY OF MISSOURI – ST. LOUIS  
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The Office of Research supports and advocates research by faculty, graduate students, and staff. The ORA provides services in conjunction with external and internal sources of funding for research. 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 [jchambers@umsl.edu](mailto:jchambers@umsl.edu).

## Quarterly Awards (October - December, 2003)

<b>Department</b>	<b>Award Count</b>	<b>Award Amounts</b>
<b>Center for International Studies</b>	<b>2</b>	<b>31,589</b>
<i>Center for International Studies</i>	2	31,589
<b>Center for the Humanities</b>	<b>1</b>	<b>2,000</b>
<i>Center for the Humanities</i>	1	2,000
<b>Chancellor-Special Units</b>	<b>8.75</b>	<b>833,837</b>
<i>Chancellor</i>	2	25,425
<i>Child Advocacy</i>	4.75	531,222
<i>KWMU FM Radio</i>	2	277,190
<b>College of Arts &amp; Sciences</b>	<b>10.59</b>	<b>2,087,268</b>
<i>Biology</i>	2.34	102,780
<i>Criminology &amp; Criminal Justice</i>	2	1,673,680
<i>Foreign Languages &amp; Literature</i>	1	900
<i>Physics and Astronomy</i>	3	130,704
<i>Psychology</i>	2.25	179,204
<b>College of Business Administration</b>	<b>1</b>	<b>19,745</b>
<i>College of Business Administration</i>	0.9	17,771
<i>Dean College of Business</i>	0.1	1,975
<b>College of Education</b>	<b>6.33</b>	<b>362,744</b>
<i>Counseling</i>	1	285,445
<i>Educational Leadership &amp; Policy</i>	1	6,707
<i>Educational Psychology</i>	2	35,000
<i>Teaching &amp; Learning</i>	2.33	35,592

<b>College of Fine Arts &amp; Communications</b>	<b>1</b>	<b>3,014</b>
<i>Art &amp; Art History</i>	1	3,014
<b>College of Optometry</b>	<b>1</b>	<b>36,800</b>
<i>College of Optometry</i>	1	36,800
<b>Extension Division</b>	<b>2.33</b>	<b>14,016</b>
<i>Continuing Education &amp; Outreach</i>	2.33	14,016
<b>Public Policy Research Centers</b>	<b>1</b>	<b>86,801</b>
<i>Public Policy Research Centers</i>	1	86,801
<b>Vice Chancellor for Research</b>	<b>1</b>	<b>172,824</b>
<i>Office of Research Administration</i>	1	172,824
<b>Grand Total</b>	<b>36</b>	<b>3,650,637</b>

## **Recent Externally Funded Awards (December, 2003)**

**Rocco R. Cottone** (College of Education – Counseling) awarded \$285,445 for “Creating an Infrastructure for Mental Health Services to Individuals and Families Affected by Neuromuscular Disease” by the Missouri Foundation for Health.

**Larry J. Davis** (Optometry) awarded \$36,800 for “The Collaborative Longitudinal Evaluation in Keratoconus (CLEK)” by Ohio State University.

**Elizabeth Landers** (Foreign Languages and Literature) awarded \$900 for “French Film Festival” by The Society for French American Cultural Services and Educational Aid.

**Carole Murphy** (Educational Leadership and Policy) awarded \$6,707 for “Show Me Historical Regional Geography” by the Missouri Department of Elementary and Secondary Education.

**Peter F. Stevens, Elizabeth A. Kellogg, and Alberto Vicentini** (Biology) awarded \$20,091 for “Dissertation Research: Phylogenetic History and Species Delimitation in Neotropical Plant Genus *Pagamea* *Aubl.* (*Rubiaceae*)” by the National Science Foundation Division of International Programs.

**Terry Suhre** (Art & Art History) awarded \$3,014 for “Gallery 210 2003-2004 Exhibition Program” by the Missouri Arts Council.

**Diane H. Touliafos** (Center for the Humanities) awarded \$2,000 for “Monday Noon Cultural Series” by the Missouri Arts Council.

**Total : \$354,957**

## **Faculty Spotlight – Patricia G. Parker**

*The following is an excerpt of a profile of Dr. Parker published in the January 2004 issue of Sci-Info, the newsletter of the Academy of Science of St. Louis. Dr. Parker is to be awarded a 2004 Fellows award by the Academy. She is the first E. Desmond Lee Collaborative Fellow to receive this prestigious award.*

Reaching far beyond her laboratory, Patricia G. Parker, Ph.D., is making significant contributions to our community with her commitment to education. For her collaborative work with several institutions, mentoring of students, and outreach to the general public, she will receive the 2004 Fellows Award from the Academy of Science of St. Louis.... An internationally-recognized behavioral ecologist and an authority on the birds and other animal species of Ecuador's Galapagos Islands, Dr. Parker came to St. Louis in 2000 as the E. Desmond Lee Professor of Zoological Studies at the University of Missouri-St. Louis and was appointed chair of the biology department in 2002. She has a joint appointment as Scientist-in-Residence at the Saint Louis Zoo.

Dr. Parker is a pioneer in the development of DNA fingerprinting techniques to determine genetic relationships among wild animals. Her research interests focus on the behavioral strategies by which animals get copies of their genes into the next generation and on the evolutionary processes that shape these behaviors. She works with laboratory, zoo, and natural and wild animals, ranging from spiders and beetles to reptiles, mammals, and most often, birds.

For the past six years, she has taken research teams to the Galapagos and is currently studying diseases of birds in the Islands. Recently, in a collaborative effort with veterinary professionals at the Zoo, Dr. Parker and her team have conducted workshops for local scientists, veterinarians, and government officials to help educate them about the potential of various imported diseases to destroy the unique birds known only in the Galapagos Islands. This team of scientists has visited nearly all of the archipelago's major islands to survey the health of bird populations with the aim of preventing the extinction of indigenous animals with the importation of non-native species. ...

Before coming to St. Louis, Dr. Parker was a member of the faculty of Ohio State University and of Purdue University. She received a doctorate in biology (behavioral ecology) and bachelor's degree in zoology from the University of North Carolina at Chapel Hill.

## **News and Events**

### **Faculty Member Publishes Article in *Scientific American***

Dr. Richard Rosenfeld (Criminology) has published an article, "The Case of the Unsolved Crime Decline" in the February 2004 issue of *Scientific American*. Dr. Rosenfeld addresses questions about why U.S. crime rates dropped dramatically in the 1990s—a phenomenon criminologists are only now beginning to understand—and offers insights into how we might be able to keep crime rates down.

*If you have published a new article or book recently—particularly a publication based on funded research—and would like to see an announcement in the ORA newsletter, please let us know.*

## **A 2.5% increase for NIH in FY 2005 would fund 584 fewer grants**

*The following is a short excerpt from a Washington Fax article by Scott C. Jenkins.*

“An increase in the NIH budget of 2.5% for FY 2005 would result in 584 fewer grants funded by the agency than in FY 2004, according to projections from the Federation of American Societies for Experimental Biology. The projections were explained by FASEB President Robert Wells at a Jan. 22 briefing to release the organization's recommendations regarding FY 2005 federal biomedical and life sciences research funding.

A growth rate of 2.5% for NIH is widely anticipated when the Bush Administration reveals its FY 2005 budget request Feb. 2. The percentage is markedly lower than the almost 15% growth rate enjoyed by the agency during the 1998-2003 budget doubling period and lower than the over 8% annual growth rate averaged by the agency over the past 30 years.

Wells said the combination of 2.5% budget growth and an increase in the number of grant applications similar to that in the past several years will result in a decline in applicant success rate from its current level of 31.2% to 28%. Wells asserted a success rate ‘substantially below’ 30% would result in a situation where ‘important projects are disrupted and promising young people are dissuaded from research careers.’”

FASEB's annual funding recommendation, "Federal Funding for Biomedical and Related Life Sciences Research, FY 2005" is available at <http://www.faseb.org/opa/fund2005/fedfund05.pdf> .

WASHINGTON FAX, an established news and information service specializing in science policy, available at <http://www.washingtonfax.com> .

## **“The Nature of Economic Change” – A Report from the Federal Reserve Bank of Cleveland**

Sandra Pianalto, president and chief executive officer of the Federal Reserve Bank of Cleveland, addressed the Akron Roundtable in November, offering remarks on the nature of economic change. A report adapted from her comments was published in the December 2003 issue of *Economic Commentary*. Ms. Pianalto argues that understanding the processes of economic change can help us manage the costs incurred when “[t]echnology, freer borders, the relocation of production facilities, and expanding trade are reshaping the global economic landscape.” To read the complete report, go to <http://www.clevelandfed.org/Pubs.cfm> and select the December issue.

## **News from ORA**

### **Research Board Applications: Salary and Benefits Information**

As you prepare your budgets for Research Board applications, please be aware that you should calculate fringe benefits at the rate of 31%. This change already has been made in the online documents.

Calculate course buyouts at \$2290 per course, and be sure to include \$710 in fringe benefits per course.

## **Grants 101 – Financial Administration Tips**

**1) Check your projects monthly.** Through UM-SL's web-based financial reports, you can view activity on your projects. Check to be sure that any expenses you have charged to your projects have been handled correctly. If you are not sure how to do this, ask your department fiscal officer or an experienced administrative associate. Report any discrepancies to ORA so we can help you resolve the problem.

**2) There's no need for you to worry about external financial reporting on grant accounts.** ORA will handle these details. If you have any questions, please ask us.

**3) All subcontracts and personal services agreements that will be paid with grant funds must be processed through ORA.** You should use the standard forms developed by UM-SL's purchasing office, but submit them through ORA. We will review agreements to be sure they are consistent with your grant's requirements, and we will ensure that the correct grant account is charged. Similarly, if you are a subcontractor on someone else's grant, the agreement must be submitted to ORA.

## **Meetings and Internal Deadlines**

**UM Research Board** applications are due February 16.

**UM-SL Research Award** applications are due February 9.

**UM-SL Small Grants** applications are due April 5.

**IRB** Meetings will be held on the 3rd Thursday of each month at 9:00 am in 335 Woods Hall.  
The next two meeting dates are: February 19 and March 16.

**IACUC** Meetings will be held the second Monday of each month at 2:00pm in the Biology Conference Room.  
The next two meeting dates are: February 9 and March 8.

(Protocols are due to Jill Riggs, 509 Stadler Hall, seven days prior to meeting date.)

## **Tech Transfer Corner**

### **CORTEX Receives IRS Ruling on its Tax Status**

CORTEX has received all of our requested rulings from the Internal Revenue Service relating to the activities and operation of St. Louis Land Company, LLC (the acquisition arm of the CORTEX), as follows:

1. St Louis Land Company's (L's) activities will be considered as furthering the charitable, education and scientific purposes of its manager, CORTEX (C), and four members, Washington University (W), University of Missouri - St. Louis (U), St. Louis University (S) and Barnes-Jewish Hospital Foundation (B), so as not to affect their tax-exempt status under section 501(c)(3) of the Internal Revenue Code.
2. L's activities will not be considered an unrelated trade or business under section 512(a) of the Code with respect to C, B, S, U and W.

3. The income received by B, S, U and W through L from L's activities, including income from the sale of properties, will not be subject to unrelated business income tax under section 511 of the Code and will not result in unrelated business taxable income under section 514.

## **CET Companies Have Outstanding Quarter**

In the quarter ending December 31, 2003, tenant companies in the Center for Emerging Technologies obtained \$21,216,841 - \$16,000,000 in funding from investors (individual and venture funds). The total funding for the first half of the fiscal year is \$28,114,400. The grand total over six years is \$312,496,650. In addition, CELOX raised \$80,000,000 after graduating from CET. Tenant company MicroSense, which was developing a minimally invasive glucose monitor for diabetics, was acquired for several million dollars by New Jersey-based Becton, Dickinson and Co.

## **Stowers Institute Erects Technology Transfer Framework to Exploit Ideas**

In a recent article in the *Kansas City Star*, Dan Margolies and Julius A. Karash covered a significant new development in Kansas City's efforts to expand its biomedical research community. The article states, in part:

“In a major step to commercialize its scientific discoveries, the Stowers Institute for Medical Research has provided \$60 million in capital for a new technology transfer venture.

Most of the money will be used to fund BioMed Valley Discoveries Inc., a for-profit corporation set up to patent, develop and market the discoveries of the nonprofit institute and its prospective biomedical partners.

The funding represents a significant piece of Stowers' long-range plan, dubbed the BioMed Valley Partnership, to transform Greater Kansas City into a biomedical mecca that will attract some of the field's finest scientific minds and bring their discoveries to market.

The partnership envisions a grand collaboration among the Stowers Institute and future biomedical partners, including the University of Kansas and the University of Missouri-Kansas City, whose chancellors were informed of the commercialization plan's details last week.

In exchange for ceding their intellectual property rights to BioMed Valley Discoveries, the research partners would receive substantial endowments to support their basic cell and molecular biology research. “

For the full text of the article, go to the *Kansas City Star* website at <http://www.kansascity.com>

## **Workshops for Technology Entrepreneurs**

The following workshops are open to the public, and are of particular interest to those seeking to market new technologies:

- MoFAST SBIR/STTR Grant Writing Workshop. February 20, 2004. Time: 9:00 AM to 3:00 PM. Location: St. Louis Enterprise Center in Chesterfield. \$45
- Kauffman Foundation FastTrac Tech business planning and training course for high tech entrepreneurs. March 23 through May 25 (10 consecutive Tuesday evenings). Time: 6:00 to 9:30 PM. Location: To be determined. \$795 (some scholarships available)

For more information, contact:

Wayne Harvey, Director  
MoFAST SBIR/STTR Assistance Center

315 Lemay Ferry Rd., Ste. 103  
St. Louis, MO 63125  
Phone: 314-631-5509  
Fax: 314-631-7996  
Email: [harveywa@missouri.edu](mailto:harveywa@missouri.edu)

## **Graduate Study Opportunities**

### **Murray Research Center/Radcliffe College – Dissertation Awards**

The goal of the program is to support research that best embodies Henry A. Murray's commitment to the in-depth study of individuals in context, over time, and from a variety of perspectives. The dissertation topic should focus on some aspect of "the study of lives," concentrating on issues in human development or personality for populations within the United States. Projects must draw on the data sets archived at the center. ELIGIBILITY: Any student currently enrolled in a doctoral program in a relevant field is eligible to apply. Dissertation proposals must be approved by an advisor or committee before the grant application is submitted. FUNDING: The program will award grants of up to \$5,000 each.

DUE: APR 1  
WRITE: The Henry A. Murray Research Center, Radcliffe College, 10 Garden Street, Cambridge, MA 02138  
WEB: <http://www.radcliffe.edu/murray/grants/index.htm>  
E-MAIL: [mrc@radcliffe.edu](mailto:mrc@radcliffe.edu)  
PHONE: 617/495-8140  
FAX: 617/496-3993

### **Joseph L. Fisher Doctoral Dissertation Awards**

In honor of the late Joseph L. Fisher, president of Resources for the Future (RFF) from 1959-1974, RFF will award fellowships for the coming academic year in support of doctoral dissertation research on issues related to the environment, natural resources, or energy. RFF's primary research disciplines are economics and other social sciences. Proposals originating in these fields will have the greatest likelihood of success. Proposals from the physical or biological sciences must have an immediate and obvious link to environmental policy matters. ELIGIBILITY: This fellowship is intended to be the principal source of support for graduate students in the final year of their dissertation research. The fellowship will be reduced by the amount of any other financial assistance other than tuition support. Financial assistance must be disclosed to RFF. Fellowship candidates must have completed the preliminary examinations for their doctorate not later than February 1 prior to the application deadline. This requirement will be strictly enforced. FUNDING: The fellowships carry a stipend of \$12,000 for the 2004-2005 academic year.

DUE: FEB 27  
WRITE: Coordinator for Academic Programs, Resources for the Future, 1616 P Street, NW, Washington, DC 20036-1400  
WEB: [http://www.rff.org/rff/About/Fellowships\\_and\\_Internships/Index.cfm](http://www.rff.org/rff/About/Fellowships_and_Internships/Index.cfm)  
PHONE: 202/328-5060  
FAX: 202/939-3460

## **Funding News**

### **March of Dimes Grant Programs**

#### **Basil O'Connor Starter Scholar Research Award**

This award is designed to support young scientists just embarking on their independent research careers and is limited, therefore, to those holding recent faculty appointments. The applicants' research interests should be consonant with those of the Foundation.

Deans, Chairs of Departments, or Directors of Institutes/Centers should submit nominations for this award addressed to the Senior Vice President for Research and Global Programs. In addition, specific application material must be provided via the online system at [HTTP://RESEARCHGRANTS.MODIMES.ORG/BOC](http://RESEARCHGRANTS.MODIMES.ORG/BOC). The entire process must be completed by March 19, 2004.

### **2005 March of Dimes Research Program**

March of Dimes invites all qualified scientists with faculty appointments or the equivalent, at universities, hospitals and research institutions, to submit applications for research grants directed at the prevention of birth defects. Research subjects appropriate for support by the March of Dimes include basic biological processes governing development, genetics, clinical studies, studies of reproductive health, environmental toxicology, and social and behavioral studies. (In Social and Behavioral Sciences, they are interested in applications proposing research that advances our understanding of – and therefore our ability to prevent – the cognitive and behavioral risks that affect outcomes of pregnancy, the perinatal period, and subsequent child development. Because change in behavior is an important component of several of our campaigns, March of Dimes is interested in studies that address this method of prevention.)

Potential applicants should submit electronically the required administrative information and a Letter of Intent addressed to the Senior Vice President for Research and Global Programs summarizing the proposed studies via the online system at [HTTP://RESEARCHGRANTS.MODIMES.ORG/LOI](http://RESEARCHGRANTS.MODIMES.ORG/LOI).

### **2004 DHS Scholarship and Fellowship Applications Now Available**

Applications for the new Department of Homeland Security (DHS) undergraduate scholarships and graduate fellowships for fall of 2004 are now available. Applications as well as all other relevant information about the two programs are available on the DHS website at the following URL: <http://www.orau.gov/dhsed/>.

Applications for both Undergraduate Scholarships and Graduate Fellowships are due (postmarked) by February 19. Follow-up materials, which are different for each program, are due by March 4. In their second year of existence, the two programs offered a total of 100 scholarships and fellowships for academic year 2003.

### **\$50,000 Frank Annunzio Award**

The Christopher Columbus Fellowship Foundation is now accepting nominations for the 2004 Frank Annunzio Award honoring "cutting edge" innovation, and providing incentive for continuing research and/or a specific project.

One \$50,000 award will be presented in the Science/Technology field. The award is bestowed on a living United States citizen who has recently made, or is currently making, a beneficial impact on society through talent, knowledge, and determination as it relates to Science and Technology.

All nominations are accepted online at: [www.ccolumbusfoundationawards.org](http://www.ccolumbusfoundationawards.org). The deadline for 2004 Nominations is *Friday, April 30, 2004*. You may nominate yourself and/or another worthy candidate.

All rules and details of the competition are included on the above website. Any questions related to the competition may be directed to Darlene Cavalier at: [dar cav1@aol.com](mailto:dar cav1@aol.com) or (215) 629-8662.

## **EPA and NASA Opportunities**

EPA is seeking applications for research on the risk assessment, risk management and risk communication of persistent, bioaccumulative toxic compounds and other hazardous compounds. Research may include development of methodologies for risk reduction, development of new and refinement of existing toxicological test methodologies, and development of risk assessment/risk management strategies, including data on environmental fate and transport. Approximately \$1.3 million is expected to be available for four awards. Individual awards of up to \$150,000 per year for 2-3 years may be made. Institutions of higher education that are not highly funded for development of environmental research capacity (\$50 million or less annually) are eligible to apply. Applications are due March 23, 2004. More information is available at: [http://es.epa.gov/ncer/rfa/2004/2004\\_gro\\_bioaccum.html](http://es.epa.gov/ncer/rfa/2004/2004_gro_bioaccum.html)

NASA, DOE and the U.S. Department of Agriculture jointly invite proposals for research and development in Carbon Cycle Science. Proposals should seek to improve understanding changes in the distribution and cycling of carbon among the active land, ocean, and atmospheric reservoirs. Of special interest are the factors that affect changes in atmospheric carbon dioxide concentrations and the impact of such changes on carbon management. Full and open competition is encouraged. Letters of intent are due Feb. 11, 2004; proposals are due April 7, 2004. More information is available at: <http://prod.nais.nasa.gov/cgi-bin/eps/synopsis.cgi?acqid=108438>

DARPA, through the NASA-Ames Research Center, invites proposals for a new program focused on revolutionizing the current method of designing helicopter rotor blades. The goal is to create novel rotor blade designs that can reduce the acoustic signature of a helicopter without sacrificing flight performance. Up to four contracts may be awarded for this work. Eligibility is unrestricted. DARPA has scheduled a Proposer's Day for Jan. 14, 2004; proposals are due March 15, 2004. More information is available at: <http://www.eps.gov/spg/NASA/ARC/OPDC20220/BAA%2DARC%2D04001/listing.html>

The NASA Office of Biological and Physical Research invites proposals for flight experiments in two areas, (1) fundamental space biology and (2) biomedical research and countermeasures. For this research, NASA will provide access to space on the Space Shuttle, the International Space Station, or other vehicles as available. Eligibility is unrestricted. Proposals may be submitted at any time between Jan. 15, 2004 and April 19, 2004. Letters of intent are due Feb. 17, 2004. More information is available at: <http://www.eps.gov/spg/NASA/HQ/OPHQDC/NRA%2D04%2DOBPR%2D01/listing.html>

## **Department of Justice Opportunities**

FY 2004 OVW Training Grants to Stop Abuse and Sexual Assault Against Older Individuals or Individuals with Disabilities

<http://www.fedgrants.gov/Applicants/DOJ/HQ/OJP/DOJ-GRANTS-012604-002/listing.html>

FY 2004 OVW Safe Havens: Supervised Visitation and Safe Exchange Grant Program

<http://www.fedgrants.gov/Applicants/DOJ/HQ/OJP/DOJ-GRANTS-012604-003/listing.html>

FY 2004 OVW Education and Technical Assistance To End Violence Against Women with Disabilities

<http://www.fedgrants.gov/Applicants/DOJ/HQ/OJP/DOJ-GRANTS-012604-001/listing.html>

FY 2004 OVW Education and Technical Assistance To End Violence Against Women with Disabilities

<http://www.fedgrants.gov/Applicants/DOJ/HQ/OJP/DOJ-GRANTS-012604-001/listing.html>

FY 2004 OJJDP Continuation Drug-Free Communities Support Program

<http://www.fedgrants.gov/Applicants/DOJ/HQ/OJP/DOJ-GRANTS-012604-004/listing.html>

## **NIH Opportunities**

NEW INFORMATION ON THE NICHD MENTORED RESEARCH SCIENTIST DEVELOPMENT AWARD (K01): POPULATION RESEARCH

<http://grants.nih.gov/grants/guide/notice-files/NOT-HD-04-005.html>

NIMH POLICY FOR APPLICANTS PLANNING TO SUBMIT R21 OR R34 APPLICATIONS

<http://grants.nih.gov/grants/guide/notice-files/NOT-MH-04-001.html>

NATIONAL INSTITUTES OF HEALTH DIRECTOR'S PIONEER AWARD [NDPA]

<http://grants.nih.gov/grants/guide/notice-files/NOT-RM-04-007.html>

INTERSTITIAL CYSTITIS / PAINFUL BLADDER SYNDROME: EPIDEMIOLOGY

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DK-04-009.html>

HIGH THROUGHPUT MOLECULAR SCREENING ASSAY DEVELOPMENT

<http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-04-012.html>

MEETINGS AND NETWORKS FOR METHODOLOGICAL DEVELOPMENT IN INTERDISCIPLINARY RESEARCH

<http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-04-014.html>

TECHNOLOGY DEVELOPMENT FOR BIOMEDICAL APPLICATIONS

<http://grants.nih.gov/grants/guide/rfa-files/RFA-RR-04-005.html>

## **AID Opportunities**

Ghana USAID-Accra

QUALITY HEALTH SERVICES PROGRAM

<http://www.fedgrants.gov/Applicants/AID/OM/GHA/641-04-013/listing.html>

Kazakhstan USAID-Almaty

USAID/CAR Water User Associations Support Program (WUASP)

<http://www.fedgrants.gov/Applicants/AID/OM/ALM/EW176-04-002/listing.html>

Botswana USAID-Gaborone

USAID/Zambia SO7 - "Strengthening MCH/RH Services and Zambian Health Systems

<http://www.fedgrants.gov/Applicants/AID/OM/BOT/RFA%26%23032%3B%23%26%23032%3B690-04-0017/listing.html>

Botswana USAID-Gaborone

USAID/Zambia Strategic Objective No. 7 (SO7) - Better Health for Zambians through Social Marketing

<http://www.fedgrants.gov/Applicants/AID/OM/BOT/RFA%26%23032%3B%23%26%23032%3B690-04-0016/listing.html>

Botswana USAID-Gaborone

USAID/Zambia Strategic Objective No. 7 (SO#7) - Zambian HIV/AIDS Prevention, Care and Treatment Program

<http://www.fedgrants.gov/Applicants/AID/OM/BOT/RFA%26%23032%3B690-04-0018/listing.html>

## **Defense Threat Reduction Agency Opportunities**

Individual Protection

<http://www.eps.gov/spg/ODA/DTRA/DTRA01/Reference%2DNumber%2DTDS049975095/listing.html>

Chemical Sample Collection and Transport

<http://www.eps.gov/spg/ODA/DTRA/DTRA01/Reference%2DNumber%2DTDS049975904/listing.html>

Chemical Agent Defeat and Decontamination Technologies

<http://www.eps.gov/spg/ODA/DTRA/DTRA01/Reference%2DNumber%2DTDS049975906/listing.html>

## **New Announcements**

*These announcements are only a sampling. For additional opportunities, go to <http://www.grantadvisor.com/tgaplus/>*

### **Congressional Black Caucus Foundation – Congressional Fellows Program**

The Congressional Black Caucus Foundation's Congressional Fellows Program was initiated in 1976 as the Graduate Intern Program. It was motivated by concern that Black professionals were seriously under-represented on Capitol Hill. In 1982, the CBCF expanded the internships into more in-depth nine-month Fellowships to allow for greater research and public policy analysis opportunities. Since its inception, more than 150 individuals have served as Fellows and many have gone on to full-time positions on Capitol Hill and in prominent public policy organizations. Fellows gain invaluable experience as they assist in the development of legislative and public policy initiatives while working as congressional staff. Fellows work 40 hours per week on a range of staff assignments, including conducting research and analysis, responding to constituent mail, drafting legislation, and coordinating logistics and public testimony for congressional hearings. To maximize the Fellowship experience, Fellows are also placed in the offices of federal agencies or public policy institutes during the congressional recess. This exposure allows Fellows to gain insight into how such agencies interact with Congress. **ELIGIBILITY:** The CBCF Fellows Program is open to individuals who possess a demonstrated interest in the legislative policy-making process and who show evidence of an understanding of and commitment to Black political empowerment. Consideration will be given to students just completing graduate coursework; professionals with a minimum of five years experience pursuing graduate studies; and college faculty members. **FUNDING:** Fellows receive a stipend comparable to most first-year congressional staff and are responsible for their own travel, housing, and other associated expenses. The stipend for 2000/2001 was \$25,000 over a nine-month period.

**DUE:** APR 1

**WRITE:** Congressional Fellowship Program, Congressional Black Caucus Foundation, 1004 Pennsylvania Ave, SE, Washington, DC 20003

**WEB:** [http://cbcfinc.org/Congressional\\_Fellows.html](http://cbcfinc.org/Congressional_Fellows.html)

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

**PHONE:** 202/675-6730

**FAX:** 202/547-3806

### **Environmental Protection Agency – Greater Research Opportunities: Persistent, Bioaccumulative Chemicals**

The U.S. Environmental Protection Agency (EPA), Office of Research and Development (ORD), National Center for Environmental Research (NCER), is seeking applications for research on the risk assessment, risk management and risk communication of persistent, bioaccumulative toxic compounds (PBTs) and other hazardous compounds. PBT pollutants are chemicals that are toxic, persist in the environment and bioaccumulate in food chains and, thus, pose risks to human health and ecosystems. The challenges remaining for PBT pollutants stem from the fact that they transfer rather easily among air, water, and land, and span boundaries of programs, geography, and generations. Such research includes development of methodologies for risk reduction, development of new and refinement of existing toxicological test methodologies, and development of risk assessment/risk management strategies, including data on

environmental fate and transport. In addition, EPA has identified 30 priority hazardous compounds that are toxic, commonly found as components in hazardous waste, and can be used as indicators of progress toward reducing hazardous waste generation. These compounds are persistent in the environment and adversely affect the ecosystem and human health. Research that results in a reduction in the amounts of such compounds that are produced is of specific interest to the Agency. ELIGIBILITY: Institutions of higher education that are not highly funded for development of environmental research capacity are eligible to apply to this announcement (see EPA web site for further details). FUNDING: It is anticipated that \$1.3 million will be available for about 4 awards. Potential funding per grant is expected to be up to \$150,000 per year with a duration of 2 or 3 years.

DUE: MAR 23

WRITE: Nora Savage, EPA, Nat'l Center for Environmental Research, 1200 Pennsylvania Avenue, NW, Washington, DC 20460

WEB: [http://es.epa.gov/ncer/rfa/2004/2004\\_gro\\_bioaccum.html](http://es.epa.gov/ncer/rfa/2004/2004_gro_bioaccum.html)

E-MAIL: [savage.nora@epa.gov](mailto:savage.nora@epa.gov)

PHONE: 202/564-8228

## **National Endowment for the Humanities – Summer Seminars and Institutes**

Grants for Summer Seminars and Institutes support national faculty development programs in the humanities for school teachers and for college and university teachers. Seminars and institutes may be as short as two weeks or as long as six weeks. The duration of a program should allow for full and thorough treatment of the topic. Summer seminars and institutes: (a) extend and deepen knowledge and understanding of the humanities by focusing on significant topics, texts, and issues; (b) enhance the intellectual vitality and professional development of participants; (c) build a community of inquiry and provide models of excellent scholarship and teaching; and (d) promote effective links between teaching and research in the humanities. ELIGIBILITY: Seminars and institutes may be hosted by colleges, universities, school systems, learned societies, centers for advanced study, libraries or other repositories, and cultural or professional organizations. The host site must be appropriate for the project, providing facilities for scholarship and collegial interaction. FUNDING: NEH anticipates that awards for seminars will range between \$45,000 and \$120,000 in outright funds for a grant period of twelve months. Awards or institutes range from \$80,000 to \$200,000 in outright funds for a grant period of fifteen months.

DUE: MAR 1

WRITE: National Endowment for the Humanities, Division of Education Programs, 1100 Pennsylvania Avenue, NW, Washington, DC 20506

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

E-MAIL: [sem-inst@neh.gov](mailto:sem-inst@neh.gov)

PHONE: 202/606-8463

## **National Science Foundation -- Assembling the Tree of Life – To Construct a Phylogeny for the 1.7 Million Described Species of Life**

A flood of new information, from whole-genome sequences to detailed structural information to inventories of earth's biota, is transforming 21<sup>st</sup> century biology. Along with comparative data on morphology, fossils, development, behavior, and interactions of all forms of life on earth, these new data streams make even more critical the need for an organizing framework for information retrieval, analysis, and prediction. Phylogeny, the genealogical map for all lineages of life on earth, provides an overall framework to facilitate information retrieval and biological prediction. Currently, single investigators or small teams of researchers are studying the evolutionary pathways of heredity usually concentrating on phylogenetic groups of modest size. Assembly of a framework phylogeny, or Tree of Life, for all 1.7 million described species requires a greatly magnified effort by large teams working across institutions and disciplines. This is the overall goal of the Assembling the Tree of Life activity. The National Science Foundation invites research proposals from

multidisciplinary teams to conduct creative and innovative research that will resolve phylogenetic relationships for large groups of organisms on the Tree of Life. Teams of investigators also will be supported for projects in data acquisition, analysis, algorithm development and dissemination in computational phylogenetics and phyoinformatics. FUNDING: It is anticipated that \$13 million will be available for 3-6 awards in FY 2004. Each award, whether single-institution or collaborative project, may range up to \$3 million total, for durations up to five years.

DUE: MAR 5

WRITE: Gerald F. Guala, Program Director, Div. of Biological Infrastructure. National Science Foundation, 4201 Wilson Blvd., Room 615 N, Arlington, VA 22230

WEB: <http://www.nsf.gov/cgi-bin/getpub?nsf04526>

E-MAIL: [gguala@nsf.gov](mailto:gguala@nsf.gov)

PHONE: 703/292-8470

FAX: 703/292-9063

## **National Science Foundation – Science and Technology Studies Program**

The STS Program supports research and related activities that contribute to systematic understanding of the character and development of science and technology, including their cultural, intellectual, material, and social dimensions. The program supports research on the nature and development of technology and science, both in the past and present; on differences in the nature of theory and evidence in various fields of science and engineering; and on the interactions among science, technology and society. Proposals are welcomed from various disciplinary perspectives, including history of science, history of technology, philosophy of science, and various social sciences, including sociology, anthropology, and political science. This program solicitation covers the following modes of support: (1) STS Scholars Awards; (2) Grants for Collaborative Research; (3) STS Postdoctoral Fellowships; (4) STS Professional Development Fellowships; (5) Doctoral Dissertation Research Improvement Grants; (6) STS Small Grants for Training and Research Fellowships; (7) Conference and Workshop Awards; and (8) Other Funding Opportunities. ELIGIBILITY: Please see the guidelines for specific eligibility requirements under each mode of support. FUNDING: It is anticipated that \$3.8 million will be available for about 65 awards in FY 2004.

DUE: MAR 15

WRITE: Dr. Keith R. Benson, Program Director, Science & Technology Studies Program, National Science Foundation, 4201 Wilson Blvd. 995 N, Arlington, VA 22230

WEB: <http://www.nsf.gov/sbe/ses/sts/start.htm>

E-MAIL: [kbenson@nsf.gov](mailto:kbenson@nsf.gov)

PHONE: 703/292-7283

FAX: 703/292-9068

## **Resources for the Future – Gilbert F. White Postdoctoral Fellowship Program**

Resources for the Future (RFF) will award two resident fellowships for the 2004-2005 academic year in honor of Gilbert F. White, retired chairman of the RFF Board of Directors, distinguished geographer, and statesman of science. The fellowships are intended for researchers who have a doctorate degree and wish to devote a year to scholarly work in areas related to natural resources, energy, or the environment. Social scientists as well as natural scientists interested in policy-relevant interdisciplinary research are encouraged to apply. Since fellows will interact closely with RFF staff members, selection criteria will include the nature of the applicant's proposed research program and how it fits with RFF work in progress. ELIGIBILITY: The award is open to individuals in any discipline who have completed their doctoral requirements by the beginning of the 2004-2005 academic year. Teaching and/or research experience at the postdoctoral level is preferred though not essential. Individuals holding positions in government as well as at academic institutions are eligible. Gilbert White Fellows are normally in residence at RFF for 11 months. FUNDING: Fellows receive an annual stipend based upon their current salary and also receive research support, office facilities at RFF, and an allowance of up to \$1,000 for moving or living expenses. This stipend may be supplemented from other sources if the supplement does not divert the fellow from his or her research. Typically, visiting fellows have

sabbatical support from their home institutions. Fellowships do not provide medical insurance or other RFF fringe benefits. Neither Social Security nor tax payments are deducted from the stipend.

DUE: FEB 27

WRITE: Coordinator for Academic Programs, Resources for the Future, 1616 P Street, NW, Washington, DC 20036-1400

WEB: [http://www.rff.org/rff/About/Fellowships\\_and\\_Internships/Index.cfm](http://www.rff.org/rff/About/Fellowships_and_Internships/Index.cfm)

PHONE: 202/328-5060

FAX: 202/939-3460

## Application Deadlines

### Fine Arts & Humanities

- FEB 1 **American Political Science Association:** Small Research Grant Program 202/483-2512  
<http://www.apsanet.org/>
- FEB 1 **The Dirksen Congressional Center:** Congressional Research Awards 309/347-7113
- FEB 2 **NEH:** We the People Challenge Grants in U.S. History, Institutions, and Culture 202/606-8309
- FEB 3 **NEH:** National Endowment for the Humanities: Implementation Grants (libraries, and archives, museums and historical organizations, special projects) 202/606-8267
- FE3 **Columbia College Chicago:** Center for Black Music Research - Rockefeller Residencies 312/344-7559
- FEB 3 **Rockefeller Foundation:** Appalachian Center/University of Kentucky - Civic Professionalism and Global Regionalism - Rockefeller Residencies 859/257-4851
- FEB 6 **Rockefeller Foundation:** Univ. of Calif., Santa Cruz/Center for Cultural Studies - Rockefeller Residencies 831/459-1274
- FEB15 **Newberry Library:** Short-Term Resident Fellowships for Individual Research 312/255-3666  
<http://www.newberry.org>
- FEB15 **Newberry Library:** Lester J. Cappon Fellowship in Documentary Editing 312/255-3666
- FEB15 **Newberry Library:** Short-Term Fellowships in the History of Cartography 312/255-3666
- FEB15 **Rockefeller Foundation:** Stony Brook University/Center for Latin American and Caribbean Studies - Rockefeller Residencies 631/632-7517

### Sciences

- FEB 1 **Educational Testing Service:** Postdoctoral Fellowship Program 609/734-5949
- FEB 1 **Educational Testing Service:** Sylvia Taylor Johnson Minority Fellowship in Educational Measurement 609/734-5949
- FEB 1 **NSF:** Design, Manufacture, and Industrial Innovation: Service Enterprise Eng. 703/292-7081
- FEB 1 **NSF:** Biomedical Engineering & Research to Aid Persons w/ Disabilities 703/292-7943
- FEB 1 **NSF:** Societal Dimensions of Engineering, Science, and Technology - Ethics and Values Studies, and Research on Science and Technology 703/292-8763
- FEB 1 **NSF:** Africa, Near East, and South Asia Program (ANESA) 703/292-8707
- FEB 5 **EPA:** Regional Development, Population Trend, and Technology Change Impacts on Future Air Pollution Emissions 202/564-6929
- FEB10 **DOE:** Early Career Principal Investigator Program in Applied Math, Collaboratory Research, Computer Science, & High-Performance Networks 301/903-5800
- FEB11 **NSF:** Biocomplexity in the Environment [BE] for: Integrated Research & Education in Environmental Systems 703/292-7301
- FEB15 **NSF:** Global Change Research: Arctic System Science [ARCSS] 703/292-8029
- FEB15 **NSF:** Polar Programs: Arctic Research Program Opportunities 703/292-8029
- FEB17 **EPA:** Water Quality Cooperative Agreements 202/564-0672
- FEB17 **NSF:** Quantitative Systems Biotechnology [QSB] 703/292-7944
- FEB19 **NSF:** Interdisciplinary Grants in the Mathematical Sciences 703/292-4862
- FEB24 **DOE:** Development of Technologies and Capabilities for Developing Coal Energy Resources 412/386-5700
- FEB27 **Resources for the Future:** Gilbert F. White Postdoctoral Fellowship Program 202/328-5060  
<http://www.rff.org>
- FEB27 **Resources for the Future:** Joseph L. Fisher Doctoral Dissertation Awards 202/328-5060  
<http://www.rff.org>

## Social Sciences

- FEB 1 **American Political Science Association:** Small Research Grant Program 202/483-2512  
<http://www.apsanet.org/>
- FEB 1 **Harry S. Truman Library Institute:** Dissertation Year Fellowships 816/833-0425  
<http://www.trumanlibrary.org>
- FEB 1 **Murray Research Center:** Radcliffe Postdoctoral Research Support Program 617/495-8601
- FEB 1 **President's Commission on White House Fellowships:** White House Fellowships 202/395-4522  
<http://www.whitehouse.gov/fellows/>
- FEB 1 **Retirement Research Foundation:** Grants Program 773/714-8080
- FEB 2 **General Service Foundation:** Grants in International Peace, Reproductive Health and Rights, and Western Water 970/920-6834
- FEB 2 **MacArthur Foundation:** Program on Global Security and Sustainability - Research and Writing Grants for Individuals 312/726-8000
- FEB 2 **W.E. Upjohn Institute for Employment Rsch:** 2004 Grant Program - 269/343-5541  
<http://www.upjohninst.org>
- FEB 3 **CDC:** Dissertation Awards for Doctoral Candidates for Violence-Related Injury Prevention Research in Minority Communities 770/488-1508
- FEB 6 **Rockefeller Foundation:** Univ. of Calif., Santa Cruz/Center for Cultural Studies - Rockefeller Res. 831/459-1274
- FEB13 **State Justice Institute:** Project Grants 703/684-6100
- FEB15 **Compton Foundation:** Grants in Peace & Security, Population, and Environment 650/328-0101
- FEB20 **HRSA:** Health Careers Opportunity Program 877/477-2123
- FEB20 **National Institute of Justice:** W.E.B. DuBois Fellowship Program 800/851-3420
- FEB25 **National Institute of Justice:** Data Resources Program 800/851-3420

## Education

- FEB 1 **American Honda Foundation:** Institutional Grants for Youth and Science Ed. 310/781-4090
- FEB 5 **ED:** Institute of Education Sciences - five competitions 202/219-1410
- FEB 9 **NSF:** Mathematical and Physical Sciences: MPS Internships in Public Science Education [MPS-IPSE] 703/292-8803

## International

- FEB 1 **American Center of Oriental Research (Amman) - Fellowships** 617/353-6571
- FEB 1 **German Academic Exch. Service:** Research Visits for Faculty and Scholars 212/758-3223  
<http://www.daad.org>
- FEB 1 **East-West Center:** Asia Pacific Leadership Program - for graduate students 808/944-7762
- FEB 1 **NSF:** Africa, Near East, and South Asia Program (ANESA) 703/292-8707
- FEB 6 **DOS:** 2004 Summer Institute for English Language Educators from South Africa 202/619-5376
- FEB 9 **DOS:** High School Social Science Curriculum Development and Teaching Education Project for Armenia 202/205-8379
- FEB15 **CIES:** Fulbright Alumni Initiatives Awards Program 202/686-6253
- FEB15 **National Council for Eurasian & E. European Research:** National Research Competition 202/822-6950  
<http://www.nceeer.org>
- FEB17 **DOS:** Middle East Partnership Initiative [MEPI] U.S. Business Internship Program for Young Middle Eastern Women 202/619-4360

## Health Related

- FEB 1 **Jane Coffin Childs Memorial Fund:** Postdoctoral Fellowships in Medical and Related Sciences (bearing on cancer) 203/785-4612
- FEB 2 **HRSA:** Geriatric Academic Career Awards 877/477-2123
- FEB 3 **HRSA:** Basic/Core Area Health Education Centers 877/477-2123
- FEB13 **NIH:** Fogarty Int'l Center: International Research Scientist Development Award 301/496-8733
- FEB17 **CDC:** Cooperative Agreement for Research on the Association Between Exposure to Media Violence and Youth Violence 770/488-2700
- FEB17 **CDC:** Community Trial to Test the Effectiveness of the Smoke Alarm Installation and Fire Safety Education [SAIFE] Program 770/488-2700

FEB17 **CDC:** Youth Violence Prevention Through Community-Level Change 770/488-2700  
FEB17 **CDC:** Sociocultural and Community Risk and Protective Factors for Child Maltreatment and Youth Violence  
770/488-2700  
FEB18 **CDC:** Studies to Determine the Prevalence of a History of Traumatic Brain Injury [TBI] in an Institutionalized  
Population 770/488-2700  
FEB18 **CDC:** Efficacy Trials of Parenting Programs for Fathers 770/488-2700  
FEB18 **HRSA:** Nursing Education Loan Repayment Program 877/477-2123  
FEB19 **CDC:** Practices To Improve Training Skills of Home Visitors 770/488-2700  
FEB20 **HRSA:** Health Careers Opportunity Program 877/477-2123  
FEB26 **American Federation for Aging Research:** Glenn/AFAR Scholarships for Research in the Biology of Aging  
212/703-9977

## **Unrestricted/Other**

FEB 2 **Special Libraries Association:** Steven I. Goldspiel Memorial Research Fund 202/939-3639  
<http://www.sla.org>  
ANY **Alexander von Humboldt Foundation:** Research Fellowships (for young post- doctoral scholars) 202/783-  
1907 FAX: 202/783-1908  
ANY **Center for Advanced Study in Behavioral Sciences:** Postdoctoral Residential Fellowships - Nominations  
650/321-2052 FAX: 650/321-1192  
ANY **Ford Foundation:** Knowledge, Creativity & Freedom (Education, Sexuality, Religion, Media, Arts & Culture)  
212/573-5000  
ANY **Henry Luce Foundation:** Higher Education Grants 212/489-7700  
ANY **John and Mary R. Markle Foundation:** Grants and Projects in Information Technology and Media 212/489-  
6655 <http://www.markle.org>  
ANY **Rockefeller Brothers Fund:** Peace and Security Program 212/812-4200 <http://www.rbf.org/>  
ANY **Rockefeller Brothers Fund:** Democratic Practice Program 212/812-4200  
ANY **Spencer Foundation:** Major Research Grants - preliminary proposals 312/274-6511