

# FUNDING ALERT

JULY 15, 2005

(Volume 11, Number 27)

## FUNDING NEWS

### AAAS R&D Funding Update – July Status Report

The **American Academy for the Advancement of Science (AAAS)** reports that in appropriations actions before a week-long 4th of July recess, Congress put its own stamp on federal R&D priorities by adding to the Bush Administration's requested cuts for Department of Defense research and Department of Energy Office of Science funding next year, but would mostly stick to the President's request of flat or declining funding for most other federal R&D programs after adjusting for expected inflation. The *AAAS R&D Funding Updates* for all the major R&D funding agencies are now available. Also available on the AAAS R&D web site is a continually updated table on the status of FY 2006 appropriations which summarizes appropriations actions so far and their impacts on federal R&D funding (<http://www.aaas.org/spp/rd/approp06.htm>). The AAAS R&D web site also offers the full text of AAAS Report XXX: R&D FY 2006 (<http://www.aaas.org/spp/rd/rd06main.htm>), a comprehensive analysis of the President's proposals for R&D in FY 2006, along with a 12-summary of the full report (<http://www.aaas.org/spp/rd/prel06pr.htm>), supplementary material (), historical data (<http://www.aaas.org/spp/rd/guihist.htm>), and other information on the federal R&D investment.

AAAS R&D Funding Update, <http://www.aaas.org/spp/rd/>

### Notice of Intent to Publish a Request for Applications: Prescription Opioid Abuse and Pain

The **National Institute on Drug Abuse (NIDA)** intends to publish a *Request for Applications: Prescription Opioid Abuse and Pain*. The notice for the RFA is expected to be published in October 2005 with applications to be submitted and considered for funding in FY2006. This RFA will support research on the dependence, abuse and addiction potential of opioids prescribed therapeutically for pain. Research elucidating factors (including pain itself) that predispose or protect pain patients from opioid dependence, abuse and addiction will be encouraged. Further, research on the treatment of opioid dependence, abuse and addiction in pain patients will be encouraged. The RFA will be designed to encourage a broad range of research including behavioral, neuroscience, genetics, developmental neuroscience, treatment development, epidemiology, prevention and services research, and will include both animal and human studies.

INQUIRIES: Dr. David A. Thomas (NIDA) 301/435-1313; [dthomas@nida.nih.gov](mailto:dthomas@nida.nih.gov); WEB: <http://grants.nih.gov/grants/guide/notice-files/NOT-DA-05-009.html>. *NIH Guide, July 8, 2005.*

### Technology for Agile Coherent Optical Transmission Architecture (TACOTA) -- Change in Due Date

The **Defense Advanced Research Projects Agency (DARPA)** announces a change in due date for the *Technology for Agile Coherent Optical Transmission Architecture (TACOTA)* program. The original due date of Jul. 22 is changed to **Aug. 26**. Modifications to the original BAA individual areas of interest are also posted.

WEB LINK <http://www1.eps.gov/spg/ODA/DARPA/CMO/BAA05%2D36/listing.html>. *Federal Business Opportunities, July 12, 2005.*

### Announcement Cancellation: Wireless Cyber-Operations

– The **Air Force Materiel Command** announces the cancellation of BAA-04-04-IFKA,

*Wireless Cyber-Operations.*

WEB LINK

<http://www1.eps.gov/spg/USAF/AFMC/AFRLRRS/Reference%2DNumber%2DBAA%2D04%2D04%2DIFKA/listing.html>. *Federal Business Opportunities, July 7, 2005.*

## FUNDING OPPORTUNITIES

Listed below are funding opportunities in the following categories: Arts & Humanities, Community Development, Curriculum Development, Environmental & Life Sciences, Graduate Funding, Health Sciences, International Opportunities, Multidisciplinary, Physical Sciences & Engineering, Postdoctoral Funding, and Social Sciences. Please call ORS or the telephone numbers listed with each announcement for more information.

### Arts & Humanities

#### Louisville Institute Grant Programs

The **Louisville Institute** seeks to enrich the religious life of American Christians and to encourage the revitalization of their institutions, by bringing together those who lead religious institutions with those who study them, so that the work of each might stimulate and inform the other. Founded in 1990, the Louisville Institute is a Lilly Endowment program for the study of American religion based at Louisville Seminary. The Louisville Institute offers funding through six specialized grant programs, designed to address different issues and to assist different groups of institutions and individuals:

- The *Sabbatical Grant for Pastoral Leaders* program provides pastors and other religious leaders with sustained periods of time for reflective engagement with their life and work and issues related to contemporary religious leadership. Deadline: **Sep. 15.**
- The *Summer Stipends* program offers grants to academics and pastors engaged in summer research projects pertaining to American Christianity. Deadline: **Oct. 15.**
- The *Christian Faith and Life Grants* program supports research projects by academics and pastors designed to make more accessible to religious believers the themes of Christian faith in relation to the realities of their contemporary lives. Deadline: **Nov. 15.**
- The *Religious Institutions Grants* program supports research projects by academics and pastors designed to encourage reflection on the nature of and challenges to religious institutions in the contemporary world. Deadline: Dec. 1.
- The *Dissertation Fellowship* program supports the final year of Ph.D. or Th.D. dissertation writing for students engaged in research pertaining to American religion. Deadline: **Jan. 15, 2006.**
- The *First Book Grant Program for Minority Scholars* seeks to assist junior, non-tenured religion scholars of color to complete a major research and book project, focusing on an issue in American Christianity related to the priorities of the Louisville Institute. Deadline: **Feb. 15, 2006.**
- The Louisville Institute also offers a modest *General Grant Program* that supports a limited number of individual and collaborative projects by academics, pastors, or other religious leaders on current program priorities of the Louisville Institute: Deadlines: **Nov.1, Mar.1, 2006, July 1, 2006.**

WEB LINK <http://www.louisville-institute.org/>

### Foundation for the Advancement of Mesoamerican Studies—2005 Annual Grant Competition

The **Foundation for the Advancement of Mesoamerican Studies** (FAMSI) invites proposals for its *2005 Annual Grant Competition*. Grants provide assistance for scholarly investigations of ancient cultures of Mesoamerica (limited to present Mexico, Guatemala, Belize, Honduras, and El Salvador). Applicants may be working in such fields as anthropology, archaeology, art history, ethnohistory, linguistics, and/or multidisciplinary studies involving combinations of these classifications. FAMSI Research Grants support a wide variety of projects where financial needs range from \$500 but do not usually exceed \$10,000 per project. Deadline: **Sep. 15**.

WEB LINK <http://www.famsi.org/>. *The Foundation Center RFP Bulletin, July 8, 2005.*

### **Open Society Documentary Photography Project Grant**

The **Open Society Institute** announces the fall competition for a grant to encourage new ways of presenting *Documentary Photography* to the public. The grant enables photographers who have already completed a significant project on issues of social justice to present the work to the public in innovative and appropriate ways, ensuring that the work gains critical exposure and also has the greatest chance to stimulate constructive social change. All projects submitted for consideration must have another institution that agrees to financially and practically support its distribution (such as a nongovernmental organization, publisher, website, or gallery), and will collaborate with the photographer to use the work to promote social change. Grants of \$5,000 to \$30,000 will be awarded. Deadline: **Sep. 30**.

WEB LINK [http://www.soros.org/initiatives/photography/focus\\_areas/distribution/guidelines](http://www.soros.org/initiatives/photography/focus_areas/distribution/guidelines).  
*The Foundation Center RFP Bulletin, July 8, 2005.*

### **Sundance Fund for International Documentary Projects**

The **Sundance Documentary Fund** is dedicated to supporting *International Documentary Films and Videos* focused on current and significant issues and movements in contemporary human rights, freedom of expression, social justice, and civil liberties. Two project categories will be considered for funding: Development Funds are available for projects in the research or preproduction phase. Grants in this category range up to \$15,000. Grantees receiving development funds may reapply for additional support upon completion of at least a rough cut of their documentary. Work in Progress Funds are available for projects in production or postproduction. These submissions are eligible for the maximum grant award of \$75,000, but generally awards in this category will range from \$20,000 to \$50,000. Deadline: **Rolling**.

WEB LINK

[http://institute.sundance.org/jsps/site.jsp?resource=pag\\_ex\\_home&sk=qgKGIWTK3BezWzYW](http://institute.sundance.org/jsps/site.jsp?resource=pag_ex_home&sk=qgKGIWTK3BezWzYW).  
*The Foundation Center RFP Bulletin, July 8, 2005.*

Also see these listings:

- **Brookings Institution -- Sakip Sabanci International Research Award Program**
- **Harry Frank Guggenheim Foundation Research Grants to Study the Causes, Manifestations, and Control of Violence, Aggression, and Dominance**
- **Jack Kent Cooke Young Artist Award**
- **John Simon Guggenheim Memorial Foundation Fellowships**
- **Mr. Holland's Opus Foundation--Music Education Program**

### **Community Development**

#### **Jack Kent Cooke Young Artist Awards**

The **Jack Kent Cooke Foundation** has announced the creation of the *Jack Kent Cooke Young Artists Awards*. The awards will be granted through **From the Top**, a National Public Radio program featuring young classical musicians. The grant will support one-year scholarships worth \$10,000 each for twenty-five of the best low-income young classical musicians in the US. Scholarship funds may be used for music-related tuition, training, or instrument purchase. Applicants must be between the ages of 8 and 18 and must apply before the start of their senior year of high school. Deadlines: **Sep. 1, Nov. 1, and Jan. 30, 2006**.

WEB LINK <http://www.fromthetop.org/Education/Cooke.cfm>. *The Foundation Center RFP Bulletin*, July 8, 2005.

#### **Do Something Grants to Support Youth-Led Community Projects**

The **Do Something** organization awards \$500 *Grants* to change-makers and potential community leaders age 18 and under who identify problems in their communities and then create game plans to do something to change their world. Grants are awarded in three areas: community building, health, and the environment. Young people can apply on their own, or on behalf of a group or team. Applicants must be 18 years old or younger on October 21, 2005, to receive a fall grant. Deadline: **Sep. 2**.

WEB LINK <http://www.dosomething.org/>. *The Foundation Center RFP Bulletin*, July 8, 2005.

#### **National Geographic Society Education Foundation—Teacher Grants**

The **National Geographic Education Foundation** is offering *Teacher Grants* for up to \$5,000 for a teacher, or group of teachers, to help support innovative geography education projects. Teacher Grant applications are accepted from any current teacher or administrator in an accredited K-12 school within the US. Projects that have outreach to urban areas are particularly encouraged. Deadline: **Sep. 2**.

WEB LINK [http://www.nationalgeographic.com/foundation/grants\\_teacher.html](http://www.nationalgeographic.com/foundation/grants_teacher.html). *The Foundation Center RFP Bulletin*, July 8, 2005.

#### **Microsoft Unlimited Potential Grants for Community-Based Technology Centers**

**Microsoft Corp.** has announced the launch of *Unlimited Potential (UP)*, a global initiative focused on providing technology skills for disadvantaged individuals through community-based technology and learning centers (CTLCs). UP grants provide nonprofit organizations with funding to support technology training programs ranging from learning basic computer skills to using advanced business productivity applications. Microsoft will commit more than \$1 billion to the initiative over the next five years. Deadline: **Open**.

WEB LINK <http://www.microsoft.com/mscorp/citizenship/giving/programs/up/>. *The Foundation Center RFP Bulletin*, July 8, 2005.

#### **Mr. Holland's Opus Foundation--Music Education Program**

The **Mr. Holland's Opus Foundation (MHOF)** welcomes applications from K-12 school and community music programs that need new and refurbished musical instruments and/or instrument repairs. MHOF supports music education and its many benefits by providing musical instruments and instrument repairs to qualified music programs. Schools, after-school music programs, youth orchestras, and community schools of the arts are eligible to apply. Deadline: **Open**.

WEB LINK <http://www.mhopus.org/>. *The Foundation Center RFP Bulletin*, July 8, 2005.

Also see this listing:

- **Open Society Documentary Photography Project Grant**

## Curriculum Development

### NIH National Research Service Award Institutional Research Training Grants

The **National Institutes of Health (NIH)** will award *National Research Service Award (NRSA) Institutional Training Grants* to eligible institutions to develop or enhance research training opportunities for individuals, selected by the institution, who are training for careers in specified areas of biomedical, behavioral, and clinical research. The purpose of the NRSA program is to help ensure that a diverse and highly trained workforce is available to assume leadership roles related to the US biomedical and behavioral research agenda. Accordingly, the NRSA program supports predoctoral, postdoctoral, and short-term research training experiences.

Application receipt dates vary by Institute and Center. The following NIH institutes accept Sep. 10 applications: National Institute of Allergy and Infectious Diseases, National Institute for Biomedical Imaging and Bioengineering, National Institute of Diabetes and Digestive and Kidney Diseases, National Institute of General Medical Sciences, National Cancer Institute, and National Center for Research Resources. Deadline: **Sep. 10**.

WEB LINK <http://grants.nih.gov/grants/guide/pa-files/PA-02-109.html>

## Environmental & Life Sciences

### Tools for Zebrafish Research

The **National Institutes of Health (NIH)** welcomes applications proposing to develop new tools or genetic or genomic resources of high priority to the zebrafish community that will advance the detection and characterization of genes, pathways, and phenotypes of interest in development and aging, organ formation, behavior, sensory processing, physiological processes, and disease processes. An individual principal investigator may submit only one application per year in response to this announcement. Deadline: **Aug. 19** (letter of intent), **Sep. 19** (application); annual.

WEB LINK <http://grants.nih.gov/grants/guide/pa-files/PAR-05-080.html>

### Duling Grant Program

The **Tree Research and Education Endowment Fund** seeks applications for the *2006 John Z Duling Grant Program*. The goal of the program is to provide seed money or partial support for research and technology transfer projects, and address topics that have the potential of benefiting the everyday work of arborists. Projects are expected to be complete within one to three years. Awards are limited to \$7,500. Deadline: **Nov. 1**.

WEB LINK <http://www.treefund.org/>

### National Geographic Society Grants for Scientific Field Research

The **National Geographic Society (NGS)** funds *Grants for Scientific Field Research*. Applications are generally limited to the following disciplines: anthropology, archaeology, astronomy, biology, botany, geography, geology, oceanography, paleontology, and zoology. NGS is also emphasizing multidisciplinary projects that address environmental issues (e.g., loss of biodiversity and habitat, effects of human-population pressures). This program does not pay educational tuition, support laboratory work or archival research, nor does it offer scholarships or fellowships of any kind. Applicants are expected to have advanced degrees (Ph.D. or equivalent) and be associated with an educational organization or institution. As a general rule, all applicants are expected to have published a minimum of three articles in peer-reviewed scientific journals. While grant amounts vary greatly, most range from \$15,000 to \$20,000. NGS grants tend to act as seed money and are given for one year's research. Deadline: **Open**.

WEB LINK [http://www.nationalgeographic.com/research/grant\\_application.html](http://www.nationalgeographic.com/research/grant_application.html). *The Foundation Center RFP Bulletin*, July 8, 2005.

Also see these listings:

- **Collaborative Projects in Science and Technology between US and Egyptian Researchers**
- **Development And Validation of Technologies for Saliva-Based Diagnostics**
- **Harry Frank Guggenheim Foundation Research Grants to Study the Causes, Manifestations, and Control of Violence, Aggression, and Dominance**
- **Health & Society Scholars Program**
- **John Simon Guggenheim Memorial Foundation Fellowships**
- **NSF Civil & Mechanical Systems Funding Opportunities**
- **Proteomic Studies of Platelet Functions**

**Graduate Funding:  
Engineering & Life, Environmental, and Physical Sciences**

- **AGC Education and Research Foundation** -- *Graduate Scholarships*. Deadline: **Nov. 1**. WEB: <http://www.ors.duke.edu/find/student/grad/gradsci.html#agc>
- **American Health Information Management Association** -- *Dissertation Assistance Grants*. Deadline: **Sep. 23**. WEB: <http://www.ors.duke.edu/find/student/grad/gradsci.html#himdag>
- **American Lung Association** -- *Lung Health Research Dissertation Grants for Social Science Students and Nurses*. Deadline: **Sep. 1**. WEB: <http://www.ors.duke.edu/find/student/grad/gradsci.html#ala>
- **American Society for Photogrammetry and Remote Sensing** -- *Awards and Scholarships*. Deadline: **Dec. 1**. WEB: <http://www.ors.duke.edu/find/student/grad/gradsci.html#remotesensing>
- **Environmental Leadership Program** -- *Environmental Leadership Fellowships*. Deadline: **Oct. 1**. WEB: <http://www.ors.duke.edu/find/student/grad/gradsci.html#elp>
- **Environmental Protection Agency** -- *STAR Fellowships for Graduate Environmental Study*. Deadline: **Oct. 18**. WEB: <http://www.ors.duke.edu/find/student/grad/gradsci.html#star>
- **Link Foundation** -- *Link Energy Fellowships*. Deadline: **De. 1**. WEB: <http://www.ors.duke.edu/find/student/grad/gradsci.html#link>
- **National Center for Complementary and Alternative Medicine** -- *Predoctoral Research Training in Complementary and Alternative Medicine*. Deadlines: **Aug. 5, Dec. 5, Apr. 5, 2006**. WEB: <http://www.ors.duke.edu/find/student/grad/gradsci.html#nccam>
- **National Consortium for Graduate Degrees for Minorities in Engineering and Science (GEM)** -- *Engineering and Science Fellowship Programs*. Deadline: **Nov. 1**. WEB: <http://www.ors.duke.edu/find/student/grad/gradsci.html#gem>
- **National Institute on Aging** -- *Aging Research Dissertation Awards to Increase Diversity*. Deadlines: **Oct. 16** (letter of intent); **Nov. 15** (application). WEB: <http://www.ors.duke.edu/find/student/grad/gradsci.html#ardatid>
- **National Institute of Health** -- *Biomedical Informatics Fellowships*. Deadlines: **Aug. 5, Dec. 5, Apr. 5, 2006**. WEB: <http://www.ors.duke.edu/find/student/grad/gradsci.html#biomedicalinfo>

- **National Oceanic and Atmospheric Administration** -- *Graduate Research Fellowships in the National Estuarine Research Reserves System*. Deadline: **Nov. 1**. WEB: <http://www.ors.duke.edu/find/student/grad/gradsci.html#npsc>; *Dr. Nancy Foster Scholarship Program*. Deadline: **Apr. 18, 2006**. WEB: <http://www.ors.duke.edu/find/student/grad/gradsci.html#foster>
- **National Physical Science Consortium** -- *Graduate Fellowships in the Physical Sciences*. Deadline: **Nov. 5**. WEB: <http://www.ors.duke.edu/find/student/grad/gradsci.html#noaagradresearch>
- **National Sea Grant College Program** -- *Graduate Fellowship Programs in Population Dynamics and Marine Resource Economics*. Deadline: **Feb. 10, 2006**. WEB: <http://www.ors.duke.edu/find/student/grad/gradsci.html#marine>
- **National Science Foundation** -- *Doctoral Dissertation Improvement Awards in Physical Anthropology*. Deadline: **Aug. 16**. WEB: <http://www.ors.duke.edu/find/student/grad/gradsci.html#nsfsbe>; *Science and Society Doctoral Dissertation Research Improvement Grants*. Deadline: **Aug. 23**. WEB: <http://www.ors.duke.edu/find/student/grad/gradsci.html#ssddrig>; *Doctoral Dissertation Improvement Awards in Geography*. Deadline: **Oct. 15**. WEB: <http://www.ors.duke.edu/find/student/grad/gradsci.html#nsfgeog>; *Doctoral Dissertation Improvement Grants in the Biological Sciences*. Deadline: **Nov. 18**. WEB: <http://www.ors.duke.edu/find/student/grad/gradsci.html#star>;
- **North Carolina Sea Grant College Program** -- *John A. Knauss Marine Policy Fellowship*. Deadline: **Apr. 6, 2006**. WEB: <http://www.ors.duke.edu/find/student/grad/gradsci.html#knauss>
- **Rob and Bessie Welder Wildlife Foundation** -- *Research Fellowship Program*. Deadline: **Oct. 1**. WEB: <http://www.ors.duke.edu/find/student/grad/gradsci.html#welder>
- **Rob and Bessie Welder Wildlife Foundation** -- *Research Fellowship Program*. Deadline: **Oct. 1**. WEB: <http://www.ors.duke.edu/find/student/grad/gradsci.html#welder>
- **Society of Toxicology** -- *Colgate-Palmolive/Society of Toxicology Awards for Student Research Training in Alternative Methods*. Deadline: **Oct. 15**. WEB: <http://www.ors.duke.edu/find/student/grad/gradsci.html#sotam>
- **Zonta International Foundation** -- *Zonta International Amelia Earhart Fellowship Award for Women in Engineering*. Deadline: **Nov. 15**. WEB: <http://www.ors.duke.edu/find/student/grad/gradsci.html#zonta>

Also see these listings:

- **Collaborative Projects in Science and Technology between US and Egyptian Researchers**
- **Humboldt Foundation Scholarships to Study in Germany**

## Health Sciences

### Philip Morris External Research Program

**Philip Morris USA, Inc.** and **Philip Morris International** announce the availability of their 2005 Request for Applications booklet for the *Philip Morris External Research Program*. The broad range of research interests includes the following scientific areas: Exposure/Biomarkers/Dosimetry, Epidemiological Research, Clinical and Model Systems Research, and Tobacco Smoke and Smoking Behavior. Deadlines: **July 1** (letter of intent requested; late submission possible), **Aug. 15** (application).

INQUIRIES: 410/684-3782, 410/684-3729 (fax), rmggroup2000@aol.com. (If you are affiliated with Duke University and wish to obtain a copy of the 2005 Request for Applications booklet, contact carolyn.strong.turner@duke.edu at the ORS office.)

### **American Association for Cancer Research Awards**

The **American Association for Cancer Research** is now accepting nominations for the following awards recognizing excellence in cancer research. The Awards will be presented at the AACR 97<sup>th</sup> Annual Meeting, April 1-5, 2006, Washington DC.

- *Kirk A Landon-AACR Prize for Basic Research and Dorothy P. Landon-AACR Prize for Translational Cancer Research.* The Prizes each consist of US\$200,000 and a commemorative award. Deadlines: **Aug.10.**

The nomination deadline for the following Awards and Lectureships is **Sep. 16.**

- *Pezcoller Foundation-AACR International Award for Cancer Research.*
- *AACR-G.H.A. Clowes Memorial Award for Basic Cancer Research.*
- *AACR-Richard and Hinda Rosenthal Foundation Award for Clinical Cancer Research.*
- *AACR-Bruce F. Cain Memorial Award for preclinical research.*
- *AACR-American Cancer Society Award for Research Excellence in Cancer Epidemiology and Prevention.*
- *AACR-Joseph H. Burchenal Clinical Research Award.*
- *AACR Award for Outstanding Achievement in Cancer Research* to give recognition to a young investigator.
- *AACR-Women in Cancer Research-Charlotte Friend Memorial Lectureship for an outstanding scientist who has furthered the advancement of women in science.*
- *AACR-Minorities in Cancer Research-Jane Cook Wright Lectureship* for an outstanding scientist who has furthered the advancement of minorities in cancer research.

The nomination deadline for the *AACR Award for Lifetime Achievement in Cancer Research* is **Dec. 1.**

WEB LINK <http://www.aacr.org>

### **NINR Mentored Research Scientist Development Award for Underrepresented or Disadvantaged Investigators**

The **National Institute on Nursing Research (NINR)** requests applications for the *NINR Mentored Research Scientist Development Award for Underrepresented or Disadvantaged Investigators*. The purpose of the present PA is to encourage the development of qualified underrepresented or disadvantaged nurse scientists to become independent investigators in research settings. The applicant must be a nurse and have a research or a health-professional doctorate or its equivalent, and must have demonstrated the capacity or potential for highly productive independent research in the period after the doctorate. Each year up to \$20,000 may be requested for research development support. Deadline: date. OR Deadlines: date, date, date. OR Deadlines: **Oct. 1, Feb. 1, Jun. 1.**

WEB LINK <http://grants.nih.gov/grants/guide/pa-files/PAR-05-135.html>. *NIH Guide, July 8, 2005.*

### **Development and Validation of Technologies for Saliva-Based Diagnostics**

The **National Institute of Dental and Craniofacial (NIDCR)** invites cooperative agreement applications to support the technological advances needed for rapid, reliable, non-invasive identification of biomarker signature patterns in saliva indicative of local and systemic health status, particularly in regards to early diagnosis of diseases. The focus of such diagnostic technologies must be in disease areas in which saliva based diagnostics can have a major impact. The specific goals of the initiative are to support the development of functional, miniature,

portable, self-contained, easy-to-use diagnostic prototype devices for simultaneous multi-analyte detection; and to accelerate commercialization of such systems. The NIDCR intends to commit approximately \$7.0 million in total costs in FY06; 2-3 awards are anticipated. Deadlines: **Oct. 17** (letter of intent), **Nov. 14** (application).

WEB LINK <http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/RFA-DE-06-003/listing.html>. *FedGrants*, June 28, 2005.

### **Proteomic Studies of Platelet Functions**

The **National Heart, Lung, and Blood Institute** (NHLBI) requests proposals for collaborative research on *Proteomic Studies of Platelet Functions*. Support is intended for the adaptation and application of existing technology to study blood platelets and not for the development of new proteomic technology. NHLBI anticipates that such research will lead to more quantitative definitions of platelet disorders. The total amount to be awarded is \$2.2 million over two years. The anticipated number of awards is 5. Deadlines: **Dec. 12** (letter of intent), **Jan. 12, 2006** (application).

WEB LINK <http://www.fedgrants.gov/Applicants/HHS/NIH/NIH/RFA-HL-05-020/listing.html>. *FedGrants*, July 8, 2005.

Also see these listings:

- **John Simon Guggenheim Memorial Foundation Fellowships**
- **Health & Society Scholars Program**
- **Tools for Zebrafish Research**

### **International Opportunities**

#### **Collaborative Projects in Science and Technology between US and Egyptian Researchers**

The **US - Egypt Joint Science and Technology Fund** sponsors two competitive grant programs: *Joint Research Grants* and the *Junior Scientist Development Visit Grants*. These grants provide the opportunity to bring together American and Egyptian scientists to work on collaborative research projects. Priority areas grants include biotechnology, standards and metrology, environmental technologies, manufacturing technologies, information technologies, energy, and other fields including: geology, anthropology, new materials and nanotechnology, economics, and other social sciences.

- Joint Research Grants are available for experts from U.S. and Egyptian scientific institutes, universities, scientific societies, private sector research and development centers, and governmental agencies interested in working on a joint research project. This grant is designed to support the add-on costs of bilateral cooperation. The maximum grant amount is \$60,000 (U.S. dollars) awarded for a period of 1-3 years. Deadline: **Oct. 3**.
- The Junior Scientist Development Visit Grant provides opportunities for short-term (maximum of six months) practical training of junior scientists. A junior scientist is someone who has earned a Ph.D. within the last 10 years. (U.S. applicants may also have a Master's degree or be currently enrolled in a Ph.D. program). The maximum grant award is \$15,000 (U.S. dollars). Researchers representing the private sector and American and Egyptian institutions, such as universities and government research centers, may apply. Deadline: **Oct. 11**.

WEB LINK <http://www.usembassy.egnet.net/usegypt.htm>

### **Humboldt Foundation Scholarships to Study in Germany**

The **Alexander von Humboldt Foundation** (AvH) requests applications for the *German Chancellor Scholarships*. The AvH awards 10 German Chancellor Scholarships annually to prospective leaders from the US in the academic, economic and political fields, enabling them to carry out research projects of their own choice in Germany. During one-year research stays, scholars are also given an opportunity to gain an insight into the social, cultural, economic and political situation in Germany. Scholars also take part in a four-week introductory seminar in Bonn and Berlin in September, a fact-finding tour of Germany and an evaluation seminar in Bonn. In addition to the scholarship, the Foundation bears the costs for preparatory German language tuition and an intensive course of several weeks in Bonn. Candidates must be US citizens, possess a bachelor's degree, and be under 35 years of age at the start of the award. Deadline: **Oct. 31**.

WEB LINK [http://www.humboldt-foundation.de/en/programme/stip\\_aus/buka.htm](http://www.humboldt-foundation.de/en/programme/stip_aus/buka.htm)

### **Inter-American Foundation Grants**

The **Inter-American Foundation**, an independent foreign assistance agency of the US government, provides *Grants* to grassroots organizations in Latin America and the Caribbean. Created in 1969 as an experimental program, the IAF responds to innovative, participatory and sustainable self-help development projects proposed by grassroots groups and organizations that support them. It also encourages partnerships among community organizations, businesses and local governments directed at improving the quality of life for poor people and strengthening democratic practices. Deadline: **Open**

WEB LINK [http://www.iaf.gov/index/index\\_en.asp](http://www.iaf.gov/index/index_en.asp)

Also see these listings:

- **Brookings Institution -- Sakip Sabanci International Research Award Program**
- **US Institute of Peace Senior Fellowship**

### **Multidisciplinary**

#### **US Institute of Peace Senior Fellowship**

The **US Institute of Peace** (USIP) invites applications for the *Senior Fellowship* competition in the Jennings Randolph Program for International Peace. The Institute funds projects related to preventive diplomacy, ethnic and regional conflicts, peacekeeping and peace operations, peace settlements, post-conflict reconstruction and reconciliation, democratization and the rule of law, cross-cultural negotiations, US foreign policy in the 21st century, and related topics. The fellowship award includes a stipend based on the fellow's previous year's salary and professional standing, up to a maximum of \$80,000 for a ten-month fellowship. The competition is open to citizens of all nations. Women and members of minorities are especially encouraged to apply. Deadline: **Sep. 15**.

WEB LINK <http://www.usip.org/index.html>.

#### **John Simon Guggenheim Memorial Foundation Fellowships**

The **John Simon Guggenheim Memorial Foundation** provides *Fellowships* for advanced professionals in the natural sciences, social sciences, humanities, and non-performing creative arts. Fellowships are awarded through two annual competitions: one open to citizens and permanent residents of the United States and Canada, and the other open to citizens and permanent residents of Latin America and the Caribbean. The fellowships are awarded to men and women who have already demonstrated exceptional capacity for productive scholarship or

exceptional creative ability in the arts. Fellowships are not available for students. Appointments are ordinarily made for one year. The amounts of the grants will be adjusted to the needs of the fellows, taking into consideration their other resources and the purpose and scope of their plans. Deadlines: **Oct. 1** (US and Canada); **Dec. 1** (Latin America and Caribbean).

WEB LINK <http://www.gf.org/>

### **Health & Society Scholars Program**

The **Robert Wood Johnson Foundation** welcomes applications for the *Health & Society Scholars Program*. The two-year program is designed to build the field of population health, which takes a broad approach to understanding why some groups of people are healthy and others are not. The goal of this interdisciplinary program is to improve health by training scholars to investigate rigorously the connections among biological, behavioral, environmental, economic and social determinants of health; and, to develop, evaluate and disseminate knowledge and interventions based upon integration of these determinants. Deadline: **Oct. 15**.

WEB LINK <http://www.healthandsocietyscholars.org>.

Also see this listing:

- **Proteomic Studies of Platelet Functions**

### **Physical Sciences & Engineering**

#### **Request for White Papers: Measurement and Signatures Intelligence (MASINT) Exploitation Technology**

The **Air Force Research Laboratory**, Rome Research Site, is soliciting white papers for innovative research in *Measurement and Signatures Intelligence (MASINT) Technology Development* (MTD). The MTD BAA seeks significant advances in collection, processing, exploitation, dissemination, and information fusion in the six MASINT sub disciplines. This may also include simulation and modeling of such systems. Total funding for this BAA is approximately \$49.9M. Individual awards will not normally exceed 36 months with dollar amounts ranging between \$100K to \$5M per year. Deadlines: **Aug. 1** (FY 05), **Nov. 15** (FY 06).

WEB LINK <http://www.fedgrants.gov/Applicants/USAF/IFKC/AMB/BAA-05-09-IFKA/listing.html>. *FedGrants*, July 12, 2005.

#### **Analog-to-Information**

The **Defense Advanced Research Projects Agency** (DARPA) is soliciting proposals for the *Analog-to-Information* program, investigations of alternatives to standard analog-to-digital converter (ADC) technology implementing the usual quantized Shannon representation; i.e. uniform discretized samples at the Nyquist rate or better. The fundamental question of the A-to-I program is whether additional prior knowledge, hypotheses, and/or ancillary measurements can be applied to enable practical data conversion approaches which more effectively apply system resources to find the useful information content embedded in a complex RF environment and directly measure it in a more concentrated form than is possible in current practice. Additional information on this technology area is provided in BAA 05-35 Proposer Information Pamphlet. Deadline: **Aug. 30**.

WEB LINK <http://www.fedgrants.gov/Applicants/DOD/DARPA/CMO/BAA05-35/listing.html>. *FedGrants*, July 12, 2005.

### **Engineering Information Foundation Grants**

The **Engineering Information Foundation's** (EiF) grant activity supports developmental

projects, instructional projects, and training programs in engineering education and research. Fields of interest currently include the availability and use of published information, women in engineering, and information access in developing countries.

- For the Availability and Use of Information field of interest, the foundation wishes to fund educational and research programs that advance the more effective use of information in engineering and applied science, with special emphasis on learning communication skills. Grant range to a maximum of \$25,000.
- For the Women in Engineering area, the foundation is interested in funding programs conducted by engineering educators to encourage middle school girls to prepare for and undertake careers in engineering. Grants may be made for up to three years and are expected to range between \$5,000 and \$15,000 per year. The foundation is also interested in programs designed to improve the retention rate of undergraduate women in engineering. These grants may be made for up to three years and are expected to range between \$5,000 and \$25,000 per year.
- The Developing Countries field of interest wishes to support and strengthen educational and service center programs that help students and teachers find and use the engineering information they need, from computer and Internet sources or by other means. Projects may focus on instruction in engineering schools and libraries, support for acquisition of information systems, or support for internet connectivity in the developing world.

Deadline: **Sep. 30; Feb. 28, 2006.**

WEB LINK <http://www.eifgrants.org/info/apply.html>

### **NSF Civil & Mechanical Systems Funding Opportunities**

The **National Science Foundation's Civil and Mechanical Systems Division** funds research in the areas of infrastructure construction and management, geotechnology, structures, dynamics and control, mechanics, and materials, sensing for civil and mechanical systems as well as the reduction of risks induced by earthquakes and other natural and technological hazards. Deadlines:

**Oct. 1.**

#### *Engineered Materials and Mechanics Cluster*

- Infrastructure Materials and Structural Mechanics (PD 05-1635),  
[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13357&org=NSF&from=fund](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13357&org=NSF&from=fund)
- Materials Design and Surface Engineering (PD 05-1633),  
[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13356&org=NSF&from=fund](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13356&org=NSF&from=fund)
- Mechanics and Structure of Materials (PD 05-1630),  
[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13355&org=NSF&from=fund](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13355&org=NSF&from=fund)
- Nano and Bio Mechanics of Materials (PD 05-7479),  
[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13523&org=NSF&from=fund](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13523&org=NSF&from=fund)

#### *Infrastructure Systems and Hazard Mitigation Cluster*

- GeoEnvironmental Engineering and GeoHazards Mitigation (PD 05-1636),  
[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13351&org=CMS](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13351&org=CMS)
- GeoMechanics and GeoTechnical Systems (PD 05-1634),  
[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13350&org=CMS](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13350&org=CMS)
- George E. Brown, Jr. Network for Earthquake Engineering Simulation Research,  
[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=6192&org=CMS](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=6192&org=CMS)
- Infrastructure Systems Management and Hazard Response (PD 05-1638),  
[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13353&org=NSF&from=fund](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13353&org=NSF&from=fund)
- Structural Systems and Hazard Mitigation of Structures (PD 05-1637),  
[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13358&org=NSF&from=fund](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13358&org=NSF&from=fund)
- Geotechnical and Geohazards Systems (technical, PD 05-1634 & Hazards, PD 05-1636)
- Network for Earthquake Engineering Simulation Research and Operations (PD 05-7396)

NEESR Research use NSF 05-527: Payloads, Projects, Workshops and other use PD 05-7396

*Intelligent Civil and Mechanical Systems Cluster*

- Control Systems Program (PD 05-1632),  
[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13575&org=CMS](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13575&org=CMS)
- Dynamical Systems Program (PD 05-7478),  
[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13574&org=CMS](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13574&org=CMS)
- Information Technology and Infrastructure Systems (PD 05-1631),  
[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13352&org=CMS](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13352&org=CMS)
- Sensor Technologies for Civil and Mechanical Systems (PD 05-1639),  
[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13349&org=CMS](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13349&org=CMS)

WEB LINK <http://www.nsf.gov/div/index.jsp?div=CMS>

**Request for White Papers: Sensor Data Analysis Technologies Research and Development**

The **Air Force Materiel Command**, Rome Research Site, is soliciting white papers for innovative approaches in the area of information and sensor data analysis technology and associated sensors that will overcome deficiencies and enhance capabilities in existing and planned systems that support law enforcement and corrections efforts and the National Law Enforcement and Corrections Technology Center. Deadlines. (The original Apr. 9, 2003 announcement has been republished.) Deadline: **Sep. 30, 2008**.

WEB LINK <http://www.fedgrants.gov/Applicants/USAF/IFKC/AMB/BAA-05-09-IFKA/listing.html>. *Federal Business Opportunities*, July 7, 2005.

Also see these listings:

- **Collaborative Projects in Science and Technology between US and Egyptian Researchers**
- **Development And Validation of Technologies for Saliva-Based Diagnostics**
- **John Simon Guggenheim Memorial Foundation Fellowships**
- **Health & Society Scholars Program**

**Postdoctoral Opportunities**

- Oak Ridge National Laboratory -- Clifford G. Shull Fellowship Program. Deadline: Aug. 1. WEB: <http://www.ors.duke.edu/find/student/pdoc/pdocsci.html#shull>
- National Institutes of Health -- Ruth L. Kirschstein National Research Service Award. Deadlines: Apr. 5, Aug. 5, and Dec. 5. WEB: <http://www.ors.duke.edu/find/student/pdoc/pdocmulti.html#nihnrfa>
- National Science Foundation -- Science and Society Postdoctoral Fellowships. Deadline: Aug. 23. WEB: <http://www.ors.duke.edu/find/student/pdoc/pdocmulti.html#nsspf>
- North Carolina Biotechnology Center -- Collaborative Funding Grant. Deadline: Aug. 5, Feb. 10, 2006. WEB: <http://www.ors.duke.edu/find/student/pdoc/pdocmulti.html#ncbccfgphd>
- National Science Foundation -- Discovery Corps Fellowships in the Chemical Sciences. Deadline: Dec. 2. WEB: <http://www.ors.duke.edu/find/student/pdoc/pdocsci.html#dcf>; International Research Fellowships. Deadline: Oct. 11. WEB: <http://www.ors.duke.edu/find/student/pdoc/pdocintl.html#nsfirf>

Also see these listings:

- **Collaborative Projects in Science and Technology between US and Egyptian Researchers**
- **Health & Society Scholars Program**
- **Humboldt Foundation Scholarships to Study in Germany**

## **Social Sciences**

### **Harry Frank Guggenheim Foundation Research Grants to Study the Causes, Manifestations, and Control of Violence, Aggression, and Dominance**

The **Harry Frank Guggenheim Foundation** (HFG) welcomes proposals from any of the natural and social sciences and the humanities that promise to increase understanding of the causes, manifestations, and control of violence, aggression, and dominance. The *Research Grants* program gives the highest priority to research that can increase understanding and amelioration of urgent problems of violence, aggression, and dominance in the modern world. Particular questions that interest HFG concern violence, aggression, and dominance in relation to social change, the socialization of children, intergroup conflict, interstate warfare, crime, family relationships, and investigations of the control of aggression and violence. Research with no useful relevance to understanding human problems will not be supported, nor will proposals to investigate urgent social problems where the foundation cannot be assured that useful, sound research can be done. Priority will also be given to areas and methodologies not receiving adequate attention and support from other funding sources. HFG ordinarily makes awards in the range of \$15,000 to \$30,000 a year for periods of one or two years. Deadline: **Aug. 1**.

WEB LINK <http://hfg.org/index.html>

### **McGowan Scholars for Business Education**

The **McGowan Charitable Fund** has established a program, the *McGowan Scholars*, to provide selected colleges and universities with scholarships to help students who wish to pursue a business education. Colleges and universities that have business programs accredited by either the International Association for Management Education or the Association of Collegiate Business Schools and Programs may apply for the scholarship program. The McGowan Fund awards one tuition scholarship - either undergraduate or graduate - to each school selected annually to participate. Deadline: **Sep. 15**.

WEB LINK <http://www.mcgowanfund.org/education.html>

### **Brookings Institution -- Sakip Sabanci International Research Award Program**

The Brookings Institution and Sabanci University, Istanbul, have announced the launch of the Sakip Sabanci International Research Award. The award is designed to promote fresh thinking, new ideas, and original research relevant to Turkish studies conducted in any field of the humanities and social sciences. The topic for the 2006 Sakip Sabanci Award is "Turkey's New Geopolitical Environment: Policy Challenges and Opportunities for Engagement." The competition calls for original, essay-length studies that address key issues relating to the changes in Turkey's neighborhood and how Turkey might respond to these changes. The award includes \$20,000 for the first prize, \$10,000 for the second, and \$5,000 for the third. Deadline: **Jan. 31, 2006**.

WEB LINK <http://www.brookings.edu/comm/news/20050620sabanciaward.htm>. *The Foundation Center RFP Bulletin*, July 8, 2005.

Also see these listings:

- **Collaborative Projects in Science and Technology between US and Egyptian Researchers**
- **John Simon Guggenheim Memorial Foundation Fellowships**
- **US Institute of Peace Senior Fellowship**

## **ABOUT THE NEWSLETTER**

*Funding Alert* is a weekly online publication of opportunities and news related to federal and private funding for research, instruction, program development, instrumentation, etc. Funding Alert is produced to further the educational and research objectives of Duke University and the Duke University Medical Center.

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