

FUNDING ALERT

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FUNDING NEWS

NASA Research Opportunities in Space and Earth Sciences (ROSES) - 2005 -- Changes in Due Dates

The **National Aeronautics and Space Administration** (NASA) has released *Amendment 25 to Research Opportunities in Space and Earth Sciences (ROSES) - 2005* to announce changes in program due dates. The due date for Notices of Intent for the NASA Energy and Water Cycle Study (NEWS) program has been delayed from Aug. 18, to **Oct. 5**; the due date for proposals has changed from Oct. 5 to **Nov. 16**. The due date for Notices of Intent for the Terrestrial Hydrology program is changed from Sep. 16 to **Nov. 9**; the due date for proposals has changed from Nov. 16 to **Jan. 18, 2006**.

NASA has also released Amendment 26 to ROSES 2005. This amendment replaces the draft text for Appendix A.6: North American Carbon Program with the final text. The due dates for submissions to this program element remain unchanged: Deadlines: **Oct. 14** (notices of intent), **Dec. 15** (proposal).

WEB LINK.

<http://nspires.nasaprs.com/external/solicitations/solicitations.do?method=open&stack=push>

National Library of Medicine Changes Title of PAR 05-012, NLM Translational Informatics Grants

The **National Library of Medicine** (NLM) has changed the title of its PAR 05-012, *Translational Informatics Grants*. The new title is *NLM Knowledge Management & Applied Informatics Grants*. The program's scope, priorities and review criteria have not changed. The title change is made to better reflect the purpose of the grants, which is to assist organizations that wish to optimize the utility of clinical or research information by exploiting the capabilities of information technology. The program accepts new applications 3 times per year. Deadlines: **Oct. 1, Feb. 1, Jun. 1**.

WEB LINK <http://grants.nih.gov/grants/guide/notice-files/NOT-LM-05-009.html>. *NIH Guide for Grants and Contracts, August 19, 2005*.

Presolicitation Notice -- NHLBI Exploratory Program in Systems Biology

The **National Heart, Lung, and Blood Institute** (NHLBI) announces its intention to issue a Request for Applications (RFA) for an *Exploratory Program in Systems Biology* in the fall of 2005. The systems biology approach supported by this RFA would bring together teams of experimental and computational/modeling researchers to further the understanding of biological networks and pathways critical in HLBS function. It is envisioned that this research would be carried out by highly interactive, collaborative, and multidisciplinary teams of investigators that would include researchers with a range of expertise, such as biomedical, physical, informatic, and mathematical disciplines. The receipt date for applications would be in the spring of 2006.

WEB LINK <http://grants.nih.gov/grants/guide/notice-files/NOT-HL-06-103.html>. *NIH Guide for Grants and Contracts, August 19, 2005*.

NIH Announces Initial Plans to Transition to the SF424(R&R) Application and Electronic Submission through Grants.gov

The **National Institutes of Health** (NIH) has announced initial plans to transition from the PHS398 application to the *SF424 Research and Related (R&R)* application. NIH will transition to

the SF424 form and electronic submission through Grants.gov by individual research program/funding mechanism. Funding Opportunity Announcements (also known as Request-for-Applications and Program Announcements) will be issued in the NIH Guide and posted in Grants.gov as mechanisms are transitioned. The transition by mechanism will include all active Funding Opportunity Announcements for that program/mechanism. Applications in response to these announcements will require electronic submission through Grants.gov. Initial plans/milestones for submission dates and mechanisms are as follows:

- December 1, 2005 —Small Business Innovative Research (SBIR) and Small Business Technology Transfer Programs (STTR) (R41, R42, R43, R44)
- December 15, 2005 —Support for Conferences & Scientific Meetings (R13 & U13)
- January 25, 2006 —Academic Research Enhancement Awards (AREA) (R15)
- June 1, 2006 —Small Grant Programs (R03) & Exploratory/Development Research Grant Awards (R21)
- October 1, 2006 —Research Project Grant Program (R01)

WEB LINK <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-05-067.html>. *NIH Guide for Grants and Contracts, August 19, 2005.*

Small Business Innovation Research Program and Small Business Technology Transfer Research Program Electronic Registration

The **National Institutes of Health** (NIH) has announced its requirement for *Small Business Innovation Research (SBIR) and Small Business Technology Transfer Research (STTR)* grant applicants to submit applications online to the NIH through Grants.gov (<http://www.grants.gov/>) using the SF424 Research and Research Related (R&R) form as of the **Dec. 1, 2005**, submission date (as announced in <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-05-067.html>).

WEB LINK <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-05-068.html>. *NIH Guide for Grants and Contracts, August 19, 2005.*

NIH Publishes Supplemental Information on New Process for Reimbursement of Peer Reviewers

As part of the new NIH system for reimbursement of reviewers, all NIH peer reviewers are required to register with the US Treasury Central Contractor Registration database (CCR). Reviewers are required to complete two steps in the registration process: 1) obtaining an individual Data Universal Number System (DUNS) number, which is followed by 2) acquisition of a CCR number. Registration information is available at <http://www.csr.nih.gov/Reviewer/CCR.htm>. As of Aug. 19, the CCR website has a security alert, which can be accessed at <http://www.ccr.gov/securitynote.asp>. To re-emphasize, one's TPIN should be kept confidential. CCR personnel will NEVER ask you for your TPIN. Please contact the CCR Help Desk immediately to obtain a new TPIN if you feel that your TPIN has been compromised, 888-227-2423 (within the US) or 269-961-5757 (internationally).

WEB LINK <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-05-065.html>. *NIH Guide for Grants and Contracts, August 19, 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

Composer Assistance Program

The **American Music Center** solicits proposals for the *Composer Assistance Program*. This program provides direct assistance to composers to help them realize their music in performance, and in some cases, on a recording. Grants are project-based. There must be a specific work (or works) associated with the grant proposal. There must also be a specific event associated with the work, such as a performance, reading, or recording. Deadlines: **Oct. 1; Feb.1, 2006, May 1, 2006.**

WEB LINK <http://www.amc.net/resources/grants/cap.html>

Golden Foundation

The mission of the **Sam and Adele Golden Foundation for the Arts** is to provide a meaningful resource for the professional visual artist. The foundation makes grants to individual artists and 501(c)(3) organizations in alternate years. In the year 2005 grants will be awarded to artists only. Artists who have received an award are ineligible to reapply at this time. Deadline: **Oct. 1.**

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

Community Development

Lance Armstrong Cancer Survivorship Community Program Grants

The **Lance Armstrong Foundation** (LAF) welcomes applications for *Community Program Grants* in support of community-centered, cancer survivorship initiatives that serve the needs identified by the National Action Plan for Cancer Survivorship. The LAF is pleased to expand its support of such initiatives by offering grants in support of project planning and of project evaluation. Deadline: **Sep. 9.**

WEB LINK

http://www.livestrong.org/site/c.jvKZLbMRIsG/b.739141/k.768C/Fall_Community_Program_RF.P.htm. *The Foundation Center RFP Bulletin, August 19, 2005.*

US Soccer Foundation Grants

The **US Soccer Foundation** seeks proposals that develop players, referees, and coaches through programs, field enhancements or the Foundation's All Conditions Fields Program, with special emphasis on the economically disadvantaged in urban areas. The grants program is open to anyone with a soccer-specific program or project that benefits a non-for-profit purpose. Deadlines: **Sep. 30** (letter of inquiry), **Dec. 1** (full grant application).

WEB LINK

http://www.ussoccerfoundation.org/site/c.gpLPJQOpHkE/b.879945/k.A80B/Grants_Overview.htm. *The Foundation Center RFP Bulletin, August 19, 2005.*

Accessible America 2005

The **National Organization on Disability** (NOD) seeks applications for *Accessible America 2005*, a competition to recognize and promote replication of exemplary practices that communities employ to facilitate the comprehensive involvement of citizens with disabilities in community life. There will be three cash prizes awarded by NOD and sponsors UPS and Wal-Mart: \$25,000 to the NOD/UPS Grand Prize Winner, \$20,000 to the NOD/Wal-Mart Community Winner, and \$10,000 to the NOD/Wal-Mart Honorable Mention. Deadline: **Oct. 31.**

WEB LINK http://nod.org/Resources/PDFs/accamer05_guidelines.doc. *The Foundation Center RFP Bulletin, August 19, 2005.*

The GoGirlGo! Grant & Education Program

The **Women's Sport Foundation** seeks applications for *The GoGirlGo! Grant & Education Program*. GoGirlGo! is dedicated to the development and funding of girls' sports/physical activity programs that combine athletic instruction and programming with the delivery of educational information by qualified adults aimed at reducing risk behaviors that threaten the health and social advancement of girls in third to eighth grade. Funds requested may be used for athletic equipment, supplies, facility rental, league/tournament fees, travel, coaching, scholarships and/or program administration expenses. A total of \$200,000 will be awarded. In 2004, the average grant awarded was \$7,500. Deadline: **Nov. 30**.

WEB LINK <http://www.womenssportsfoundation.org/cgi-bin/iowa/funding/featured.html?record=30>. *The Foundation Center RFP Bulletin, August 19, 2005*.

Curriculum Development

Paul B. Beeson Career Development Awards in Aging

The **National Institutes of Health**, the **John A. Hartford Foundation**, **Atlantic Philanthropies**, and the **Starr Foundation** are collaborating on the *Paul B. Beeson Career Development Awards in Aging*, an initiative to sustain and promote the research careers of clinically trained individuals who are pursuing research careers in aging. This program provides three to five years of mentored career development support to clinically-trained faculty members in strong research environments to enable them to gain skills and experience in aging research, under the guidance of a mentor or mentors, and to establish an independent program of research in this field. The anticipated number of awards is 10 to 12. Deadlines: **Oct. 24** (letter of intent); **Nov. 23** (application).

WEB LINK <http://grants.nih.gov/grants/guide/rfa-files/RFA-AG-06-005.html>

Graduate Assistance in Areas of National Need Program

The **Department of Education** seeks proposals for the *Graduate Assistance in Areas of National Need* (GAANN) program. This program provides fellowships, through academic departments and programs of institutions of higher education, to assist graduate students with excellent records who demonstrate financial need and plan to pursue the highest degree available in a field designated as an area of national need. The areas of national need include biology, chemistry, computer and information science, engineering, geological science, mathematics, and physics. The services provided include a stipend in the amount of the fellow's financial need not to exceed \$30,000 in FY 2005. Also provided is an institutional payment to cover the cost of the fellow's tuition and required fees. For FY 2005, the institutional payment is \$11,822. Academic departments of institutions of higher education may apply for GAANN grants (Note: these are institutional awards, not individual fellowships). Deadline: **Nov. 14**.

WEB LINK <http://www.ed.gov/GrantApps/#84.200A> or <http://fr.cos.com/cgi-bin/getRec?id=20030812a70> *Federal Register, August 22, 2005*.

Environmental & Life Sciences

Chemical And Biological Defense Initiative Fund

The **Army Research Office** is soliciting proposals for Broad Agency Announcement BAA W911NF05R0010, *FY05 Chemical and Biological Defense Initiative Fund* (CBDIF). This BAA is focused on developing medical counter-measures to genetically engineered or non-traditional

toxins, virulence factors and microorganisms as biological warfare threat agents. It is anticipated that these counter-measures would include pre-treatments (including vaccines), therapeutics and basic science to characterize the nature of the threat and identify key targets for intervention or disruption of these agents. The agent classes that are to be focused on are: intra-cellular bacterial pathogens, hemorrhagic fever viruses and bioregulators. Approximately \$20 million is available for CBDIF projects. Multiple awards, on the order of 10-15, are anticipated. The contract period of performance is expected to be 24 months or less. More information can be obtained from the following website, <http://www.aro.army.mil/research/index.htm>. Deadline: **Oct. 6**.

WEB LINK.

<http://www2.eps.gov/spg/USA/USAMC/DAAD19/W911NF05R0010/listing.html> *FedBizzOpps*, August 25, 2005.

Fiscal Year 2006 Request for Proposals (RFP) for Administrative, Technical and Scientific Support to the Chesapeake Bay Program

The **Environmental Protection Agency (EPA)** invites applications for the Chesapeake Bay Program, a partnership that protects and restores the Chesapeake Bay ecosystem. The program plans to award one or more cooperative agreements under the *Fiscal Year 2006 Request for Proposals (RFP) for Administrative, Technical and Scientific Support to the Chesapeake Bay Program*. Total funding available is approximately \$90,000 to \$910,000. Deadline: **Oct. 5**.

WEB LINK <http://www.chesapeakebay.net/>

Food Quality Protection Act/Strategic Agricultural Initiative Grant Program: Request for Applications-FY 2005

The **Environmental Protection Agency (EPA)**, Region 1 Pesticide Program, is seeking applications that will facilitate the implementation of the *Food Quality Protection Act (FQPA)*. The program supports efforts to reduce the exposure to toxic pesticides through the adoption of production agriculture pest management practices that transition away from the use of high-risk pesticides. The program supports grants for education, extension, demonstration and implementation projects for FQPA transition and reduced-risk practices for pest management in agriculture. Deadline: **Oct. 31**.

WEB LINK <http://fedgrants.gov/Applicants/EPA/OGD/GAD/EPA-R1-SAI-05/listing.html>. *FedGrants*, August 18, 2005.

Valuation for Environmental Policy in Environmentally-Related Human Health Risks

The **Environmental Protection Agency (EPA)**, as part of its Science to Achieve Results (STAR) program, is seeking applications proposing research in three areas of interest concerning the *Valuation for Environmental Policy in Environmentally-Related Human Health Risks*. The areas of interest are: 1) studies developing values, functions, and models for estimating the economic value of changes in morbidity risks, 2).studies developing or improving benefit transfer methods for morbidity valuation and, 3) studies improving primary methods for morbidity valuation. (As used here," morbidity" includes all nonfatal, environmentally related health effects.) Deadline: **Dec. 1**.

WEB LINK http://es.epa.gov/ncer/rfa/2005/2005_vep.html

Also see these listings:

- **Animal Models of Diabetic Complications Consortium**
- **Cardiovascular Cell Therapy Research Network**
- **FY 2006 DOE SBIR/STTR Phase I Funding Opportunities**
- **Graduate Assistance in Areas of National Need Program**

- **New Ways to Image Neural Activity**
- **Secretory Pattern of Senescent Cells**
- **Specialized Programs of Research Excellence (SPOREs) in Human Cancer for Year 2006**
- **Structural Analyses of the Ligand-Binding Properties of Taste and Smell Receptors**
- **USDA International Science and Education Competitive Grants Program**

Graduate Funding

- **Agency for Health Care Research and Quality -- Health Services Dissertation Research Program.** Deadline: **Oct. 15.** web: <http://www.ors.duke.edu/find/student/grad/gradmulti.html#hsdr>.
- **American Political Science Association -- Minority Graduate Fellowships in Political Science.** Deadline: **Oct. 25.** web: <http://www.ors.duke.edu/find/student/grad/gradhumsoc.html#apsa>.
- **American Water Works Association – Doctoral Dissertation Academic Achievement Award.** Deadline: **Oct. 1.** web: <http://www.ors.duke.edu/find/student/grad/gradsci.html#waterworks>.
- **Boehringer Ingelheim Fonds (Foundation for Basic Research in Biomedicine) – Ph.D. Scholarships in Biomedical Research.** Deadline: **Oct. 1.** web: <http://www.ors.duke.edu/find/student/grad/gradintl.html#boehr>.
- **Chiang Chiang-Kuo Foundation for International Scholarly Exchange – Chinese Studies Doctoral Fellowships.** Deadline: **Oct. 15.** web: <http://www.ors.duke.edu/find/student/grad/gradhumsoc.html#cckf>.
- **Deloitte & Touche Foundation – Doctoral Fellowship Program.** Deadline: **Oct. 15.** web: <http://www.ors.duke.edu/find/student/grad/gradhumsoc.html#deloitte>.
- **Department of Education -- Jacob K. Javits Graduate Fellowship Program.** Deadline: **Oct. 3.** web: <http://www.ors.duke.edu/find/student/grad/gradhumsoc.html#javits>.
- **Environmental Leadership Program – Environmental Leadership Graduate Fellowships.** Deadline: **Oct. 1.** web: <http://www.ors.duke.edu/find/student/grad/gradsci.html#elp>.
- **Environmental Protection Agency – 2006 Greater Research Opportunities (GRO) Fellowships for Graduate Environmental Study.** Deadline: **Oct. 18.** web: <http://www.ors.duke.edu/find/student/grad/gradsci.html#gro>; **2006 Science to Achieve Results (STAR) Fellowships for Graduate Environmental Study.** Deadline: **Oct. 18.** web: <http://www.ors.duke.edu/find/student/grad/gradsci.html#star>.
- **German Historical Institute – German History Dissertation Scholarships.** Deadline: **Oct. 15.** web: <http://www.ors.duke.edu/find/student/grad/gradhumsoc.html#germanhistory>.
- **Harvard Academy for International and Area Studies – Academy Scholars Program for Graduate Students.** Deadline: **Oct. 14.** web: <http://www.ors.duke.edu/find/student/grad/gradhumsoc.html#harvardacademy>.
- **Herbert Scoville Jr. Peace Fellowship Program -- Scoville Peace Fellowships for Graduate Students.** Deadline: **Oct. 15.** web: <http://www.ors.duke.edu/find/student/grad/gradhumsoc.html#scoville>.
- **National Institute on Aging – Aging Research Dissertation Awards to Increase Diversity.** Deadline: **Oct. 16.** web: <http://www.ors.duke.edu/find/student/grad/gradsci.html#ndadr>.
- **National Institute on Drug Abuse -- Drug Abuse Dissertation Research—Small Grants**

- (R03). Deadline: **Oct. 1.** web:
<http://www.ors.duke.edu/find/student/grad/gradmulti.html#dadr>.
- **National Science Foundation** -- *Geography and Regional Science Doctoral Dissertation Research Improvement Grants*. Deadline: **Oct. 15.** web:
<http://www.ors.duke.edu/find/student/grad/gradhumsoc.html#ngarsddrig>; *Sociology Doctoral Dissertation Improvement Grants*. Deadline: **Oct. 15.** web:
<http://www.ors.duke.edu/find/student/grad/gradhumsoc.html#nsddig>.
 - **Robert Bosch Foundation** – *Graduate Fellowship Program for Increased US-German Understanding*. Deadline: **Oct. 14.** web:
<http://www.ors.duke.edu/find/student/grad/gradintl.html#bosch>.
 - **Society of Toxicology (SOT)** – *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#sot>.
 - **US-Ireland Alliance** – *George J. Mitchell Scholarships for Graduate Study in Ireland*. Deadline: **Oct. 10.** web: <http://www.ors.duke.edu/find/student/grad/gradintl.html#ireland>.
 - **Woodrow Wilson National Fellowship Foundation** -- *Woodrow Wilson Dissertation Grants in Women's Studies*. Deadline: **Oct. 11.** web:
<http://www.ors.duke.edu/find/student/grad/gradhumsoc.html#wilson>.

Health Sciences

Strengthening International HIV Programs as Part of the President's Emergency Plan for AIDS Relief (PEPFAR)

The Centers for Disease Control and Prevention (CDC) has published additional funding opportunities to *Strengthen International HIV Programs*.

- *Cooperative Agreement to Build Local Capacity to Respond to the HIV/AIDS Epidemic in the Caribbean, as Part of the PEPFAR*. \$150,000 will be available in FY2005 to fund one award to a member of the Pan American AIDS Partnership to build progressively an indigenous, sustainable response to the regional HIV epidemic in the Caribbean. For complete program details, please see the full announcement on the CDC website at <http://www.cdc.gov/od/pgo/funding/grantmain.htm>. Deadline: **Sep. 19.** WEB <http://www.fedgrants.gov/Applicants/HHS/CDC/PGO/CDC-RFA-AA157/listing.html>.
- *Strengthening Prevention, Control and Treatment Activities for HIV/AIDS, Tuberculosis and Sexually Transmitted Infection in the Amhara Region of Northwest Ethiopia, as Part of the PEPFAR*. \$100,000 will be available in FY2005 to fund one award to progressively build an indigenous, sustainable response to the national HIV epidemic in Ethiopia. WEB <http://www.fedgrants.gov/Applicants/HHS/CDC/PGO/CDC-RFA-AA135/listing.html>
- *Strengthening HIV/AIDS, TB and STI Prevention, Control and Treatment in the Oromia Area of the Southwest Region of the Federal Democratic Republic of Ethiopia*. \$100,000 will be available in FY2005 to fund universities and teaching hospitals in South West Ethiopia to strengthen local health-care capacity. WEB <http://www.fedgrants.gov/Applicants/HHS/CDC/PGO/CDC-RFA-AA136/listing.html>
- *Implementation of Multi-Disciplinary HIV Care for Sexually Abused Children in Zambia, as Part of the PEPFAR*. \$75,000 will be available in FY2005 to fund university teaching hospitals to provide a full range of care, including caring for sexually abused children. WEB <http://www.fedgrants.gov/Applicants/HHS/CDC/PGO/CDC-RFA-AA172/listing.html>
- *Increasing Access to, and Uptake of, HIV Prevention and Care, Including Confidential Voluntary Counseling and Testing (CT) Among the Uniformed Services, Ex-Combatants*

and Their Partners in the Republic of Cote d'Ivoire, as Part of the PEPFAR. \$1,800,000 will be available in FY2005 to fund an organization with experience offering services in Cote d'Ivoire to increase the uptake of high-quality HIV prevention and confidential HIV testing among the uniformed services, ex-combatants and their partners in Cote d'Ivoire. WEB <http://www.fedgrants.gov/Applicants/HHS/CDC/PGO/CDC-RFA-AA240/listing.html>

FedGrants, August 18, 2005.

Secretary Pattern of Senescent Cells

The **National Institute on Aging** (NIA) and the **National Cancer Institute** (NCI) encourage applications that examine the changes in microenvironment that are induced by cell senescence, both in vivo and in vitro, and as a result of senescence being attained by any of the known inducers of this process. Deadline: **Oct. 1, Feb. 1, Jun. 1.**

WEB LINK <http://fedgrants.gov/Applicants/HHS/NIH/NIH/PA-05-155/listing.html>.

FedGrants, August 18, 2005.

Structural Analyses of the Ligand-Binding Properties of Taste and Smell Receptors

The **National Institute on Deafness and Other Communication Disorders** (NIDCD) seeks applications for *Structural Analyses of the Ligand-Binding Properties of Taste and Smell Receptors*. This PA is designed to foster innovative collaborative research to characterize the structural properties of taste and smell receptors. Additional emphasis is placed on the characterization of the interactions among odors, pheromones, and taste substances with their cognate receptors, and the identity of the critical ligand-receptor binding sites that determine sensitivity and selectivity. One aim of this PA is to encourage collaborations among chemosensory molecular biologists and biochemists with expertise in the isolation and characterization of membrane proteins, and biophysicists familiar with crystallography, NMR and other analytical tools used in structural analyses. Deadline: **Oct. 1, Feb. 1, Jun. 1.**

WEB LINK <http://fedgrants.gov/Applicants/HHS/NIH/NIH/PA-05-154/listing.html>.

FedGrants, August 18, 2005.

Keck Distinguished Young Scholars in Medical Research

The **W.M. Keck Foundation** has invited Duke University to submit a nomination for the *2005-2006 Distinguished Young Scholars in Medical Research Program*. The program was designed to support groundbreaking and creative research in pioneering or emerging fields of science that address the fundamental mechanisms of human disease. This research will be performed by young investigators who exhibit extraordinary promise for independent basic biological and medical research and demonstrate a capacity for future academic leadership. Thirty institutions have been invited to submit a nomination this year. The amount of each grant will be a maximum of \$1 million, to be paid over a five-year period, according to an approved budget. Funds are awarded to the sponsoring institution and are not transferable to another institution. Indirect costs may not be paid from the grant. The sponsoring institutions for the 10 applicants chosen as semi-finalists will each receive a \$10,000 Research Excellence award to be used for the semi-finalists' research (this \$10,000 is considered a part of the award to the five finalists). Nominations for this award are institutionally restricted; if you are interested, please contact Ken Macdonald, Duke ORS, 681-5988 or kwmac@duke.edu. Deadlines: **Oct. 11** (Duke internal); **Dec. 2** (Keck).

WEB LINK <http://www.ors.duke.edu/find/announce/instnom.html> and <http://www.wmkeck.org/programs/scholars.html>.

Pelvic Floor Disorders Network

The **National Institutes of Health** (NIH) invite applications from investigators willing to

participate under a cooperative agreement in an ongoing multi-center clinical program designed to investigate problems in women via a *Pelvic Floor Disorders Network*. The network will study pelvic floor disorders, including pelvic organ prolapse, urinary incontinence, fecal incontinence, and other sensory and emptying abnormalities of the lower urinary and gastrointestinal tracts. The NIH intends to commit approximately \$3.4 million in total costs in FY 2006 to fund 6-8 new and/or competing continuation grants for clinical sites and to fund 1 new or competing continuation grant for the data coordinating center (DCC) in response to this RFA. An applicant for a Clinical Site may request a project period of up to 5 years and a budget for direct costs associated with base costs up to \$125,000 per year. An applicant for the Data Coordinating Center (DCC) may request a project period of up to 5 years and a budget for direct costs up to \$850,000 per year. In addition, the DCC should request not more than \$1,000,000 total costs per year in the patient care category for the distribution of per-protocol costs to the Clinical Sites for approved protocols. A RFA workshop will be held on Sep. 16 in conjunction with the American Urogynecologic Society meeting in Atlanta GA. Deadlines: **Nov. 18** (letter of intent), **Dec. 19** (application).

WEB LINK <http://grants.nih.gov/grants/guide/rfa-files/RFA-HD-05-019.html>. *NIH Guide*, August 17, 2005.

Animal Models of Diabetic Complications Consortium

The **National Institute of Health** has issued RFA-DK-05-011, *Animal Models of Diabetic Complications Consortium*. This is a RFA for Pathobiology Sites to support years 6-10 of the Animal Models of Diabetic Complications Consortium (AMDCC). The AMDCC was established in 2001 to generate and phenotype new models of diabetic complications. Information about the current AMDCC can be found at <http://www.amdcc.org/>. AMDCC Pathobiology Sites will propose new mouse models to be developed by the Consortium that will faithfully replicate one or more diabetic complications, and discover and characterize the basic pathophysiologic mechanisms underlying disease in these and other models of complications. Pathobiology Sites funded by this RFA will work together as a Consortium with a Mouse Generation and Husbandry Core (MGHC) and Coordinating and Bioinformatics Unit (CBU; <http://grants.nih.gov/grants/guide/rfa-files/RFA-DK-05-012.html>), with substantial involvement from NIH staff. Applications for the MGHC and CBU will be solicited separately. In response to this RFA the participating Institutes anticipate awarding up to 14 Pathobiology Sites covering all major complications of diabetes. The total amount to be awarded is \$5.25 million for each of 5 years. Individual Pathobiology Site awards may not exceed 250K direct costs per year during the project period. Deadline: **Nov. 18**.

WEB LINK <http://fedgrants.gov/Applicants/HHS/NIH/NIH/RFA-DK-05-011/listing.html>. *FedGrants*, August 18, 2005.

Specialized Programs of Research Excellence (SPOREs) in Human Cancer for Year 2006

The **National Cancer Institute** invites grant applications for *Specialized Programs of Research Excellence (SPOREs)* in organ-specific cancers. Applicant institutions are to demonstrate their ability to conduct translational research in the prevention, etiology, screening, diagnosis, and treatment of lymphomas and breast, gastrointestinal (GI), brain, head and neck, and prostate cancers. Translational research, as defined by the Program, uses knowledge of human biology to develop and test the feasibility of cancer-relevant interventions in humans and/or determines the biological basis for observations made in individuals with cancer or in populations at risk for cancer.

WEB LINK <http://fedgrants.gov/Applicants/HHS/NIH/NIH/PAR-05-156/listing.html>. *FedGrants*, August 18, 2005.

Cardiovascular Cell Therapy Research Network

The **National Heart, Lung, and Blood Institute** (NHLBI) invites applications to participate in the *Cardiovascular Cell Therapy Research Network (CCTRN)*, a cooperative network of cardiovascular cell therapy research centers. The goal of the Network is to promote the evaluation of novel cell therapy treatment strategies for individuals with cardiovascular disease. The program will provide support to maintain the necessary infrastructure to develop, coordinate, and conduct multiple collaborative proof-of-concept clinical treatment protocols to improve cardiovascular disease outcomes. A pre-submission meeting will be conducted on October 12, 2005. A maximum of five awards will be made for Clinical Centers and one award for a Data Coordinating Center. It is anticipated that the annual award for the Data Coordinating Center will be approximately \$1,200,000 direct costs in the first year and \$1,750,000 each year for years two through five. An additional budget of \$8,266,000 for protocols and patient care costs for the entire five-year study period is anticipated. The maximum annual amount for each Clinical Center will be \$300,000 direct costs. A maximum of two Clinical Skills Development Core awards will be made for up to \$100,000 per year (direct costs). Deadlines: **Feb. 10, 2006** (letter of intent), **Mar. 10** (application).

WEB LINK <http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-06-001.html>. *NIH Guide*, August 17, 2005.

Also see these listings:

- **Chemical And Biological Defense Initiative Fund**
- **Lance Armstrong Cancer Survivorship Community Program Grants**
- **New Ways to Image Neural Activity**
- **Paul B. Beeson Career Development Awards in Aging**
- **Valuation for Environmental Policy in Environmentally-Related Human Health Risks**

International Opportunities

USDA International Science and Education Competitive Grants Program

The **Department of Agriculture** (USDA) accepts applications for the *International Science and Education Competitive Grants Program*. The ISE supports research, extension, and teaching activities that will enhance the capabilities of American colleges and universities to conduct international collaborative research, extension and teaching. ISE projects are expected to enhance the international content of curricula; ensure that faculty work beyond the US and bring lessons learned back home; promote international research partnerships; enhance the use and application of foreign technologies in the US; and strengthen the role that colleges and universities play in maintaining US competitiveness. Deadline: **Sep. 15**.

WEB LINK <http://www.fedgrants.gov/Applicants/USDA/CSREES/OEP/USDA-GRANTS-072205-001/listing.html>. *FedGrants*, July 22, 2005.

Multidisciplinary

Centers for Excellence to Promote a Healthier Workforce

The **National Institute for Occupational Safety and Health** (NIOSH) and the **Centers for Disease Control and Prevention** (CDC) invite applications to establish *Centers for Excellence to Promote a Healthier Workforce*. The purpose of the Centers is to establish trans-disciplinary research, education and translation programs to facilitate the integration of health protection and health promotion in the workplace by taking a collaborative and innovative approach. NIOSH

intends to commit approximately two million dollars in total costs for this program and intends to fund one to three new awards in response to this RFA. Deadlines: **Aug. 14** (voluntary letter of intent), **Sep. 14** (application).

WEB LINK <http://www.cdc.gov/od/pgo/funding/OH05006.htm>

New Ways to Image Neural Activity

The **National Institute of Health** seeks applications for *New Ways to Image Neural Activity*. This RFA is an initiative of the NIH Blueprint for Neuroscience Research (<http://neuroscienceblueprint.nih.gov>), a coordinated effort of 15 NIH Institutes and Centers to accelerate progress in neuroscience by supporting research and development of enabling tools and resources. This initiative is intended to support research leading to new ways for high resolution imaging of the neural activity that is reflected in electrophysiological signals. The participating Institutes and Centers have committed approximately \$1 million to support direct costs under this RFA in Fiscal Year 2006. NIMH intends to provide up to an additional \$500,000 to support direct costs of grants that focus on non-invasive optical approaches for detecting fast signals. It is anticipated that 5 to 7 new awards will be made in FY2006. Eligible principal investigators include, but are not limited to, researchers with experience and qualifications in neuroscience, biology, biophysics, physics, engineering, etc. Deadlines: **Sep. 26** (letter of intent), **Oct. 25** (application).

WEB LINK <http://grants.nih.gov/grants/guide/rfa-files/RFA-EB-05-001.html>. *NIH Guide, August 19, 2005.*

FY 2006 DOE SBIR/STTR Phase I Funding Opportunities

The **Department of Energy** expects to publish a Funding Opportunity Announcement for Phase I grant applications for the upcoming *FY 2006 Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) Programs*. A detailed Funding Opportunity Announcement describing research areas in which applications are sought will be available on September 21, 2005, at <http://e-center.doe.gov>. Small businesses with strong research capabilities in science or engineering in any of the research areas sought are encouraged to apply. Successful applicants (approximately 260 for SBIR and 30 for STTR) may receive up to \$100,000 for a Phase I grant for a period of about nine months to develop the feasibility of the idea. Phase I awardees may apply for Phase II funding up to \$750,000 for those ideas with the highest potential to meet program objectives. More information is available at www.science.doe.gov/sbir.
Deadline: **Dec. 2.**

WEB LINK <http://fedgrants.gov/Applicants/DOE/PAM/HQ/DE-FG01-05ER05-28/listing.html>. *FedGrants, August 19, 2005.*

Also see these listings:

- **Specialized Programs of Research Excellence (SPORes) in Human Cancer for Year 2006**
- **Structural Analyses of the Ligand-Binding Properties of Taste and Smell Receptors**

Physical Sciences & Engineering

Pre-Solicitation Notice -- Technologies for Directed Energy Test & Evaluation Infrastructure

The **Naval Air Systems Command** has announced the pending issuance of a Broad Agency Announcement (BAA) solicitation, *Technologies for Directed Energy Test & Evaluation Infrastructure*. The solicitation will contract with educational institutions, non-profit

organizations and private industry in the areas of research & development interests to include: HEL models and simulations, HEL target boards, HEL flight termination systems, HPM non-intrusive survivable sensors, HPM flight termination systems, HEL models and simulations, and other technologies beneficial and critical to rapid infrastructure development. Issuance of the BAA solicitation is anticipated during the week of 9 September 2005.

WEB LINK

<http://www2.eps.gov/spg/DON/NAVAIR/N61339/N61339%2D05%2DR%2D0092/listing.html>. *FedBizOpps*, August 17, 2005.

2006 Microsoft New Faculty Fellowship Program

Microsoft Research has invited Duke University to submit a nomination for the *2006 Microsoft New Faculty Fellowship Program*. The program identifies, recognizes, and supports exceptional new faculty members engaged in innovative computing research. Each fellowship award includes a cash gift of \$200 K, in two \$100 K yearly installments. Microsoft will award five fellowships per year. Because Duke may submit only one nomination, there is an internal review process for prospective submissions (<http://www.ors.duke.edu/find/announce/instnom.html>). Contact Ken Macdonald, Office of Research Support, kwmac@duke.edu, 681-5998. Deadline: **Sep. 12** (Duke internal pre-application).

WEB LINK <http://research.microsoft.com/ur/us/nff/>

Electric Oxygen-Iodine Laser

The **Air Force Research Laboratory's** Directed Energy Directorate (AFRL/DE) seeks proposals for the development and execution of models for the excitation of molecular oxygen to the singlet-delta state by electric discharge for use in *Oxygen-Iodine Lasers*. Developed models should include sufficient dimensionality as necessary to capture the pertinent physics, and should include adequate descriptions for the physics pertinent to the plasma generation of singlet-delta oxygen including chemical kinetics, electron kinetics, electromagnetics, and fluid dynamics. Coupled CFD-plasmadynamic models may be developed and utilized as necessary. The award contractor will use these models to develop optimal electric oxygen-iodine laser (E-OIL) system designs and operating parameters in support of AFRL/DE experiment activities. Deadline: **Sep. 19**.

WEB LINK

<http://www2.eps.gov/spg/USAF/AFMC/AFRLPLDED/FA9451%2D05%2DC%2D0266/listing.html>. *FedBizOpps*, August 18, 2005.

Portable Entanglement Net

The **US Coast Guard** (USCG) is issuing a Broad Agency Announcement (BAA) soliciting concept designs, proposed modifications of existing systems, and/or working prototypes of small portable net entanglement systems. The next step of research and development is broken into two phases. Phase I produces a concept design and conducts a design review at the developer's facility; develops a working launching and entanglement concept demonstrator; delivers a test plan for Government approval, and conducts deployment and entanglement demonstrations against an outboard-powered planing boat. Phase I also develops a test report and delivers one working concept demonstrator of the launching system and net. Phase II makes any needed improvements and modifications and performs uniform testing of promising systems against a standardized target craft. Total funding for this BAA is approximately \$440,000. Individual awards will not normally exceed nine months or dollar amounts of \$100,000. Deadline: **Sep. 30**.

WEB LINK <http://www2.eps.gov/spg/DHS-DR/USCG/USCGRDC/HSCG32%2D05%2DR%2DR00020/listing.html>. *FedBizOpps*, August 18, 2005.

Request for White Papers -- Experimental and Theoretical Development of Quantum Computers

The **Army Research Office** is soliciting proposals for BAA W911NF05R0009, *Experimental and Theoretical Development of Quantum Computers*. This BAA focuses on experimental and theoretical studies relating to the possible physical realization of quantum computers and for achievement of effective computation on them. Proposals sought are in five categories:

- Quantum Computing Concept Maturation proposals are specifically for combined experimental and theoretical studies of potential physical embodiments of quantum bits and quantum logic, perhaps including studies in the related fields of quantum error correction, control, decoherence, and entanglement.
 - Short-Term, Innovative Concept proposals are smaller, short-term (1-3 year) experimental or theoretical studies exploring new quantum computing concepts that could engender a larger scale project in the future.
 - Enabling Studies in Quantum Computing proposals are smaller, short-term (1-3 year) experimental or theoretical studies that advance the state of the art in traditional implementations of quantum computing, or advance our understanding of the fundamental resources and power of quantum computation.
 - Quantum Algorithm proposals should primarily develop new quantum computing algorithms but may also consider issues of quantum computational complexity and computability.
 - Quantum Computing Graduate Research Fellows, or QuaCGR Fellows, are graduate students who are US citizens working on quantum computing for investigators funded or requesting funding through the ARO/ARDA quantum computing program. QuaCGR Fellows are funded through supplemental proposals submitted in response to this BAA.
- Deadline: **Oct. 4.**

WEB LINK.

<http://www2.eps.gov/spg/USA/USAMC/DAAD19/W911NF05R0010/listing.html> *FedBizzOpps*, August 23, 2005.

NSF Division of Electrical and Communications Systems

The **National Science Foundation** welcomes proposals to funding opportunities through the *Division of Electrical and Communications Systems*. Deadlines: **Oct. 7, Feb. 7, 2006.**

- The Control, Networks & Computational Intelligence program supports creative research and education underlying the analysis and design of intelligent engineering networks for control, communications, computation and energy.
- The Electronics, Photonics & Device Technologies program seeks to improve the fundamental understanding of devices and components based on the principles of electronics, photonics, magnetics, electro-optics, electromagnetics, electromechanics, and related physical phenomena.
- Integrative, Hybrid & Complex Systems program supports innovative research in areas that integrate device concepts and systems principles in the design, development and implementation of new nano/micro/macro hybrid and complex systems with engineering solutions for domain specific applications.

WEB LINK

http://www.nsf.gov/funding/pgm_list.jsp?ord=date&type=all&org=ECS&status=1.

Request for information -- Rapid Reaction Innovation

The **Air Force Research Laboratory** Space Vehicles Directorate (AFRL/VS) is contemplating issuing a Broad Agency Announcement (BAA), *Rapid Reaction Innovation*. The

primary objective of this BAA is to institute a core process to rapidly deliver technical solutions to user emergencies. This new process, called innovate Solutions to Urgent Needs, or iSUN, will strengthen and streamline AFRL's application of new and existing technology to solve urgent problems encountered by military operators. This Draft BAA is being posted to allow for comments from industry. When the final BAA is posted a closing date for acceptance of proposals will be issued.

WEB LINK

<http://www2.eps.gov/spg/USAF/AFMC/AFRLPLSVD/DRAFT%20BAA%20DVS%2005%2007/listing.html>. *FedBizOpps*, August 18, 2005.

Also see these listings:

- **FY 2006 DOE SBIR/STTR Phase I Funding Opportunities**
- **Graduate Assistance in Areas of National Need Program**
- **New Ways to Image Neural Activity**
- **Structural Analyses of the Ligand-Binding Properties of Taste and Smell Receptors**

Postdoctoral Opportunities

- **Alexander von Humboldt Foundation** – *German Chancellor (Bundeskanzler) Scholarships for Study in Germany*. Deadline: **Oct. 31**. web: <http://www.ors.duke.edu/find/student/pdoc/pdocintl.html#humboldt>.
- **American Academy in Berlin** – *International Fellowships for Advanced Study in the Arts, Culture and Public Affairs*. Deadline: **Oct. 17**. web: <http://www.ors.duke.edu/find/student/pdoc/pdocintl.html#aaib>.
- **American Antiquarian Society** – *Mellon Post-Dissertation Fellowship*. Deadline: **Oct. 15**. web: <http://www.ors.duke.edu/find/student/pdoc/pdochumsoc.html#antiquarian>.
- **British Embassy** – *Marshall Sherfield International Fellowships in Science and Engineering*. Deadline: **Oct. 5**. web: <http://www.ors.duke.edu/find/student/pdoc/pdocintl.html#msfisae>.
- **Columbia University's Society of Fellows** – *Humanities Postdoctoral Fellowships*. Deadline: **Oct. 15**. web: <http://www.ors.duke.edu/find/student/pdoc/pdochumsoc.html#cusfhp>.
- **Environmental Leadership Program** – *Fellowships*. Deadline: **Oct. 1**. web: <http://www.ors.duke.edu/find/student/pdoc/pdocsci.html#elp>.
- **Hagley Museum and Library** – *Henry Belin du Pont Fellowship and the Grants-in-Aid Program*. Deadline: **Oct. 31**. web: <http://www.ors.duke.edu/find/student/pdoc/pdochumsoc.html#hagley>.
- **Harvard Academy for International and Area Studies** – *Academy Scholars Program*. Deadline: **Oct. 14**. web: <http://www.ors.duke.edu/find/student/pdoc/pdochumsoc.html#academy>.
- **Hereditary Disease Foundation** – *Hereditary Disease Postdoctoral Fellowships*. Deadline: **Oct. 15**. web: <http://www.ors.duke.edu/find/student/pdoc/pdocsci.html#wexler>.
- **Leukemia & Lymphoma Society** – *Fellowships*. Deadline: **Oct. 1**. web: <http://www.ors.duke.edu/find/student/pdoc/pdocsci.html#lls>.
- **Life Sciences Research Foundation** – *Postdoctoral Fellowships*. Deadline: **Oct. 1**. web: <http://www.ors.duke.edu/find/student/pdoc/pdocsci.html#lsrf>.
- **National Cancer Institute** – *Transition Career Development Award for Underrepresented Minorities*. Deadline: **Oct. 1**. web:

- <http://www.ors.duke.edu/find/student/pdoc/pdocsci.html#ncicareer>.
- **National Humanities Center** – *Fellowships*. Deadline: **Oct. 15**. web: <http://www.ors.duke.edu/find/student/pdoc/pdochumsoc.html#nhc>.
 - **National Institutes of Health** – *Biomedical Informatics Postdoctoral Fellowships*. Deadline: **Oct. 1**. web: <http://www.ors.duke.edu/find/student/pdoc/pdocsci.html#bi>.; *Mentored Quantitative Research Career Development Award*. web: <http://www.ors.duke.edu/find/student/pdoc/pdocmulti.html#nihmentor>.
 - **National Institute of Mental Health** – *Research Career Award for Transition to Independence*. Deadline: **Oct. 17**. web: <http://www.ors.duke.edu/find/student/pdoc/pdocsci.html#nimh>.
 - **National Science Foundation**– *International Research Fellowships*. Deadline: **Oct. 11**. web: <http://www.ors.duke.edu/find/student/pdoc/pdocintl.html#nsfirf>; *Mathematical Sciences Postdoctoral Research Fellowships*. Deadline: **Oct. 19**. web: <http://www.ors.duke.edu/find/student/pdoc/pdocsci.html#msprf>.
 - **PhRMA Foundation** – *Postdoctoral Fellowships*. Deadline: **Oct. 1**. web: <http://www.phrmafoundation.org/awards/outcomes/postdoc#phtml>.
 - **Robert Bosch Foundation** – *Germany and the European Union Fellowship Program*. Deadline: **Oct. 14**. web: <http://www.ors.duke.edu/find/student/pdoc/pdocintl.html#bosch>.

Social Sciences

Alex C. Walker Foundation Grants

The **Alex C. Walker Foundation** accepts applications for *Grants* to investigate the causes of economic imbalances; investigate the effect of the monetary system in fostering a sustainable economy; investigate causes tending to destroy or impair the free-market system; explore and develop free-market solutions, and disseminate information on the results and findings. The Foundation funds projects dealing with the research and development of innovative ideas, education of market principles, the application of ideas developed through seed grants and research, and ecological economics with a free-market orientation. Deadlines: **Oct. 1; Apr. 1, 2006**.

Before approaching this foundation, please contact the Medical Center's Office of Foundation Relations, or the Campus' Office of Corporate and Foundation Relations.

WEB LINK <http://walker-foundation.org/page.aspx?s=5534.0.69.5316>

Foundation for the Future Research Grants

The **Foundation for the Future** solicits proposals for their *Research Grants* program. The program provides financial support to scholars undertaking research that is directly related to a better understanding of the factors affecting the quality of life for the long-term future of humanity. The Foundation will award \$5,000–\$25,000. Deadlines: **Oct. 31; Apr. 30, 2006**.

WEB LINK http://www.futurefoundation.org/grants/grant_proposal.html

Also see these listings:

- **Paul B. Beeson Career Development Awards in Aging**
- **Valuation for Environmental Policy in Environmentally-Related Human Health Risks**

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.

Duke University campus-based faculty, staff, and students should contact the ORS Funding Opportunities staff with comments and questions:

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Duke University Medical Center faculty, staff, and students should contact the School of Medicine Funding Opportunities Specialist with comments and questions:

Mary Carnell -- carne007@mc.duke.edu, 668 6354

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