ARTS, HUMANITIES AND INTERNATIONAL

• U.S. Agency for International Development: Centers for Advance Studies (CAS)

Notice seeking applications to substantially improve higher education's ability to find innovative solutions to some of Pakistan's greatest development challenges through applied research; graduates who are better prepared to meet the needs of industry, government and their communities; and leadership in policy dialogue. Questions are due January 17, 2013. Applications are due February 20, 2013. USG and USAID regulations generally treat colleges and universities as NGOs, rather than governmental organizations; hence, both public and private colleges and universities are eligible. Cost share is anticipated to be equal to 5% of the total budget of the project cost.


• U.S. Agency for International Development: Healthcare Management and Administration (HMA) Education Twinning in Mozambique

Notice seeking concept papers and, at invitation, full applications from organizations to establish a three-year higher education degree in hospital administration or healthcare management to strengthen education related to Mozambique's health sector. The local counterpart institution for this program will be the Instituto Superior de Ciências de Saúde (ISCISA). The successful applicant will be a "twinning partner" for ISCISA, with the aim to strengthen ISCISA's Health Management and Administration course. Questions are accepted until January 14, 2013. Concept papers are required by February 22, 2013. Approximately $2 million is available to support one award.


HEALTH and MENTAL HEALTH

• U.S. Department of Health and Human Services; Centers for Disease Control and Prevention: PPHF 2013 OSTLTS Partnerships Building Capacity of the Public Health System to Improve Population Health through National, Nonprofit Organizations Financed in Part by 2013 Prevention and Public Health Funds

Notice seeking applications to strengthen the infrastructure and improve the performance of governmental and nongovernmental components of the public health system through the provision of capacity-building assistance (CBA). The purpose is to ensure the provision of CBA to optimize the quality and performance of public health systems, the public health workforce, public health data and information systems, public health practice and services, public health partnerships, and public health resources. Letters of intent are due on February 4, 2013. Applications are due March 7, 2013. Approximately $300 million is available to support up to 28 awards. The applicant organization must provide evidence of national scope of work and of public health charge or mission.


• U.S. Department of Health and Human Services; National Institutes of Health; Fogarty International Center: International Research Scientist Development Award (IRSDA) (K01)

Notice seeking applications to provide support and protected time (three to five years) to advanced postdoctoral (at least two years beyond conferral of doctoral degree) U.S. research scientists for an intensive, mentored research career development experience in a low- or middle-income country (LMIC) as defined by the World Bank (http://data.worldbank.org/about/country-classifications/country-and-lending-groups). For lower-income, lower-middle-income, and upper-middle-income countries are included) leading to an independent research career focused on global health. Applications are due March 4, 2013, March 4, 2014, and March 4, 2015.


• U.S. Department of Health and Human Services; National Institutes of Health; Multiple Institutes: Small Grants for New Investigators to Promote Diversity in Health-Related Research (R03)

Notice seeking applications to provide support for new investigators from backgrounds nationally underrepresented in biomedical research to conduct small research projects in the scientific mission areas of the National Institute of Diabetes and Digestive and Kidney Diseases, the National Institute of Mental Health and the Office of Dietary Supplements. Letters of intent are requested by May 16 annually through May 16, 2015. Applications are due by June 16 annually through June 16, 2015. Total direct costs are limited to $125,000 per award.


• U.S. Department of Health and Human Services; National Institutes of Health; National Center for Complementary and Alternative Medicine: Competitive Revision Applications for Research on Complementary Approaches to Symptom Management in Military and Veteran Populations (R01)

Notice seeking competitive revision applications to augment currently active NCCAM R01 grants. NCCAM-funded researchers are encouraged to collaborate with Veteran Health Administration or Department of Defense clinicians or researchers to conduct research on complementary approaches for symptom management and health in military or Veteran's Administration populations. Applications are due annually on March 5, July 5, and November 5 through January 8, 2016. Approximately $500,000 per award is available for two years. Applicants must submit a budget using the same budget format as was used for the parent award.

• U.S. Department of Health and Human Services; National Institutes of Health; National Eye Institute: NEI Clinical Study Planning Grant Program (R34)

Notice seeking applications to facilitate activities central to the refinement of a study protocol and procedures and the development of a detailed MOP. The NEI Clinical Study Planning Grant may be used to support the development of a MOP, as well as to conduct preliminary studies to refine study procedures or document recruitment potential. Applications are due February 16, June 16, and October 16 annually.


• U.S. Department of Health and Human Services; National Institutes of Health; National Human Genome Research Institute: Gene Function Studies to Investigate Rare and Undiagnosed Diseases Program (Administrative Supplement)

Notice seeking applications to investigate the underlying genetics, biochemistry and pathophysiology of newly diagnosed diseases identified through the Undiagnosed Diseases Program. Applications are due February 26, 2013. Supplement requests for up to $150,000 total costs will be accepted in Fiscal Year 2013. Investigators who are interested in applying to this program should contact the appropriate program official to discuss strategy for gene function studies within the scope of the parent grant.


• U.S. Department of Health and Human Services; National Institutes of Health; National Institute of Child Health and Human Development: Data Coordinating Center for the NICHD Cooperative Multicenter Reproductive Medicine Network (U10)

Notice seeking applications to participate, with the assistance of the National Institute of Child Health and Human Development (NICHD), under a cooperative agreement as the Data Coordinating Center (DCC) in an ongoing multicenter clinical research program (the Cooperative Multicenter Reproductive Medicine Network), to conduct interventional and observational studies using common protocols designed to facilitate diagnostic and therapeutic solutions to problems in reproductive medicine, gynecology, endocrinology, urology and andrology that affect fertility. Letters of intent are requested by March 4, 2013. Applications are due April 4, 2013. Approximately $3.3 million is available to support one award in FY 14. LIMITED SUBMISSION: One application per institution is allowed.


• U.S. Department of Health and Human Services; National Institutes of Health; National Institute of Diabetes and Digestive and Kidney Diseases: Silvio O. Conte Digestive Diseases Research Core Centers (P30)

Notice seeking applications to bring together basic and clinical investigators as a means to enhance communication, collaboration, and effectiveness of ongoing research related to digestive and/or liver diseases. DDRCCs are based on the core concept, whereby shared resources and procedures or document recruitment potential.

• U.S. Department of Health and Human Services; National Institutes of Health; National Institute of Mental Health: Leveraging Existing Natural Experiments to Advance the Health of People with Severe Mental Illness (R24)

Notice seeking one-year R24 applications for research planning activities to develop the infrastructure needed to enable subsequent testing of existing innovative services interventions that aim to reduce the prevalence and magnitude of common modifiable health risk factors related to shortened lifespan in people with Severe Mental Illness. Letters of intent are requested by February 11, 2013. Proposals are due March 11, 2013. Approximately $1 million is available to support three to seven awards.


SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

• National Science Foundation; Directorate for Computer & Information Science & Engineering; Division of Computer and Network Systems; Office of Cyberinfrastructure: Campus Cyberinfrastructure - Network Infrastructure and Engineering Program

Notice seeking proposals to effect improvements and re-engineering at the campus level to support a range of data transfers supporting computational science and computer networks and systems research. The program also supports Network Integration activities tied to achieving higher levels of performance, reliability and predictability for science applications and distributed research projects. Proposals are due April 3, 2013. Approximately up to $18 million is available to support 15 to 30 awards. There are two types of awards: Data Driven Networking and Infrastructure for the Campus and Researcher awards will be supported at up to $500,000 total for up to two years; and Network Integration and Applied Innovation awards that will be supported at up to $1 million for up to two years.

• Office of the Director of National Intelligence; Intelligence Advanced Research Projects Activity: Knowledge Representation in Neural Systems Broad Agency Announcement (BAA)

Notice seeking proposals to develop new theories that explain how conceptual knowledge is represented in the human brain and test those theories by demonstrating the ability to predict and interpret concept-related patterns of neural activity measured non-invasively. Proposals are due March 11, 2013. Multiple awards are anticipated. The office will accept questions about the solicitation until February 25, 2013. A consolidated Question and Answer response will be publicly posted every few days on the agency website at http://www.iarpa.gov/Programs/ia/KRNS/solicitation_kns.html. It is highly recommended that academic institutions submit with their proposal a completed and signed Academic Institution Acknowledgement Letter for each U.S. academic organization that is a part of their team, whether the academic organization is serving in the role of prime, or a subcontractor or consultant at any tier of their team. Facility construction costs are not allowable under this activity and funding may not be used to pay for commercialization of technology.

Links: FBO notice https://www.fbo.gov/?s=opportunity&mode=form&id=3e9060a5d7f7b4422a057912a9b31b4&tab=core&cvview=0

• U.S. Department of Commerce; National Oceanic and Atmospheric Administration: NOAA Great Lakes Habitat Restoration Program Project Grants under the U.S. Great Lakes Restoration Initiative in Areas of Concern

Notice seeking applications to provide federal financial and technical assistance to "ready-to-go" projects in U.S. Great Lakes Areas of Concern that meet NOAA's mission to restore coastal habitats and that support the Great Lakes Regional Collaboration Strategy (http://grlc.us/strategy.html). Applications are due February 27, 2013. Approximately up to $5 million is available.


• U.S. Department of Commerce; National Oceanic and Atmospheric Administration: NOAA Climate Program Office

Notice seeking proposals that conduct innovative, interdisciplinary, user-inspired, and regionally relevant research that informs resource management and public policy in order to marshal climate assets and partners toward the common goal of assessing regional needs. In FY 2013, NOAA will accept individual applications for two competitions, organized around two Regional Integrated Sciences and Assessments (RISA) program components: 5-year RISA awards; and smaller grants for RISA teams and their partners to encourage expansion of regional capacity to prepare for climate by enhancing or initiating partnerships for research. Highly recommended letters of intent are due February 5, 2013. Proposals are due April 8, 2013. For Competition 1, approximately $3.5 million is available over five years; $700,000 per year will be available for each award. For Competition 2, up to $3 million is available; between $75,000 and $200,000 per award is available for five to 15 awards.


• U.S. Department of Defense; Department of the Air Force; Broad Agency Announcement - GBSD Concept Development

Notice seeking white papers for concepts that address modernization or replacement of the ground based leg of the nuclear triad. White papers are required and due February 8, 2013. Proposals are due March 15, 2013 (only if requested). Approximately $3 million is available to support multiple awards. Eligibility is unrestricted.

Links: FBO notice https://www.fbo.gov/index?s=opportunity&mode=form&id=63114642123dbbf11fe4ad94c35844ed&tab=core&cvview=0

• U.S. Department of Defense; Defense of the Army; Army Engineer Research and Development Center: 2013 Broad Agency Announcement

Notice seeking proposals for conducting research in the broad fields of hydraulics, dredging, coastal engineering, instrumentation, oceanography, remote sensing, geotechnical engineering, earthquake engineering, soil effects, vehicle mobility, self-contained munitions, military engineering, geophysics, pavements, protective structures, aquatic plants, water quality, dredged material, treatment of hazardous waste, wetlands, physical/mechanical/chemical properties of snow and other frozen precipitation, infrastructure and environmental issues for installations, computer science, telecommunications management, energy, facilities maintenance, materials and structures, engineering processes, environmental processes, land and heritage conservation, and ecological processes. Proposals are due January 31, 2014. Eligibility is unrestricted.

Links: FBO notice https://www.fbo.gov/index?s=opportunity&mode=form&id=d8786b2b84af5b91b0a2ee77378c93&tab=core&cvview=1, Grants.gov notice http://www.grants.gov/search/search.do?mode=VIEW&opplid=213834

• U.S. Department of Defense; Defense of the Army; U.S. Army Engineer Research and Development Center: 2013 Science, Technology, Engineering & Mathematics (STEM)

Notice seeking proposals to stimulate young pupils in the sciences, technology, engineering and mathematics. The target students attend primary, middle, and high schools in the following locations; Huntsville Hampton Cove Elementary, Owens Crossroads, Alabama; Madison County, Alabama; Monacacy Elementary, Frederick, Maryland; Frederick County, Maryland; North Chevy Chase Elementary School, Chevy Chase, Maryland; Montgomery County, Maryland; Hinds County, Mississippi; Rankin County, Mississippi; Madison County, Mississippi; Claiborne County, Mississippi; Warren County, Mississippi; Champaign County, Illinois; DeWitt County, Illinois; Douglas County, Illinois; Ford County, Illinois; McLean County, Illinois; Vermilion County, Illinois; Coles County, Illinois; Piatt County, Illinois; Moultrie County, Illinois; Grafton County, New Hampshire; Sullivan County, New Hampshire; Carroll County, New Hampshire; Caledonia County, Vermont; Orange County, Vermont; Windsor County, Vermont; Arlington County, Virginia; Fairfax County, Virginia; and Prince William County, Virginia and Alexandria City Public Schools. The target students may attend public or private schools. Proposals will be continuously accepted through December 31, 2013. Funding is limited and proposals are primarily sought in the not-to-exceed $30,000 range; however, larger awards may be considered when appropriate.

• U.S. Department of Defense; Department of the Navy; Space and Naval Warfare Systems Command: BAA - Technology Evolutions for Signal Intelligence (SIGINT) Operations

Notice seeking proposals to provide technology evolutions including readiness surveys, operations assessments, demonstrations, transitions to acquisition, including warfighting operational concepts and technical solutions, transformational, joint, and coalition warfare to include, but not limited to the following general areas of interest: surveys; collections; process/analyzing; geolocation and tracking; tactical remoting; and tactical support to cyber to name a few study areas. Proposals are due by January 7, 2014. Academic institutions are strongly encouraged to participate; however only U.S. organizations capable of receiving, processing, and storing export controlled and classified information associated with this effort are eligible for awards.

Links: FBO notice https://www.fbo.gov/?s=opportunity&mode=form&id=a36dd351754148d2203124711d2cd898&tab=core&_cview=0

• U.S. Department of Energy; Office of Science: DOE/NSF Nuclear Science Advisory Committee

Notice announcing a meeting of the DOE/NSF Nuclear Science Advisory Committee. The purpose of the meeting is to provide advice and guidance on a continuing basis to the Department of Energy and the National Science Foundation on scientific priorities within the field of basic nuclear science research. The meeting will be held Monday, January 28, 2013, 9:00 a.m.-5:00 p.m. Tuesday, January 29, 2013, 9:00 a.m.-12:30 p.m. at the Marriott Bethesda North Hotel & Conference Center, 5701 Marinelli Road, North Bethesda, Maryland 20852, (301) 822-9200. The NSAC Meeting will be broadcast live on the Internet. You may find out how to access this broadcast by going to the following site prior to the start of the meeting: www.tvworldwide.com/events/doe/130128.


• U.S. Department of Transportation; Federal Aviation Administration; Aviation Research Grants: Biodynamics Grant Opportunity

Notice seeking proposals to fund research with the overall goal of developing a means of using data measured during impact tests or simulations to predict whether a human would be rendered unconscious if exposed to the same impact conditions. Proposals are due February 8, 2013. Approximately $750,000 is available. Applicants are requested to supply a research proposal to provide information supporting the development of injury criteria that can predict whether an occupant is capable of egressing out of an aircraft after a head impact or significant head rotational event.