ARTS, HUMANITIES AND INTERNATIONAL

• National Endowment for the Humanities: Fellowships for Advanced Social Science Research on Japan

Notice seeking applications to support research that puts subjects, including modern Japanese society and political economy, Japan's international relations, and U.S.-Japan relations, in wider regional and global contexts and is comparative and contemporary in nature. Appropriate disciplines for the research include anthropology, economics, geography, history, international relations, linguistics, political science, psychology, public administration, and sociology. The fellowships are designed for researchers with advanced language skills. Applications are due May 1, 2013. Fellowships support continuous full-time work for a period of six to twelve months with a stipend of $4,200 per month. The maximum stipend is $50,400 for a twelve-month period. Individuals are eligible to apply.


• U.S. Department of State; Bureau of Educational and Cultural Affairs; The Office of Citizen Exchanges; Youth Programs Division: Youth Ambassadors Program with South America

Notice seeking proposals to recruit and select youth and adult participants, to provide the participants with three-week exchanges focused on civic education, community service, and youth leadership development, and to support follow-on projects in their home communities. Exchange delegations will travel from 10 South American countries (Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Paraguay, Peru, Uruguay, and Venezuela) to the United States, and U.S. exchange delegations will travel to the above select countries. Applicants must focus on these primary themes: 1) Civic Education (Citizen Participation, Grassroots Democracy and Rule of Law); 2) Community Service; and 3) Youth Leadership Development. Applications are due March 29, 2013. Approximately $1.5 million is available to support up to five awards. About 15-20 participants from each South American country will travel to the U.S.; a total of approximately 25-40 U.S. participants will travel to select 7 countries within this group: Argentina, Bolivia, Chile, Ecuador, Uruguay, and Venezuela. Approximately 37 Brazilians (35 youth and 2 adults) will travel to the United States, and 10-15 U.S. participants will travel to Brazil. Youth and adult participants must be citizens of the country from which they are applying. The youth participants must be high school students aged 15 to 18 years old, with at least one semester of high school remaining. The adult participants may be teachers, trainers, school administrators, and/or community leaders who work with youth. Organizations with less than four years' experience in conducting international exchanges are ineligible to apply.


EDUCATION and ECONOMIC AND COMMUNITY DEVELOPMENT

• U.S. Department of Justice; Office on Violence Against Women: OVW FY 2013 Grants to Reduce Sexual Assault, Domestic Violence, Dating Violence, and Stalking on Campus Program

Notice seeking applications to support activities that develop and strengthen victim services in cases involving sexual assault, domestic violence, dating violence, and stalking on campuses; and strengthen security and investigative strategies to prevent and prosecute these crimes on campuses. Optional letters of intent are due March 13, 2013. Applications are due March 28, 2013. Up to $300,000 is available for individual projects; and up to $500,000 is available for consortia projects.


HEALTH and MENTAL HEALTH

• U.S. Department of Health and Human Services; National Institutes of Health; Multiple Institutes: Mechanisms, Models, Measurement, & Management in Pain Research

Notice seeking applications to inform the scientific community of the pain research interests of the various Institutes and Centers (ICs) at the National Institutes of Health (NIH) and to stimulate and foster a wide range of basic, clinical, and translational studies on pain as they relate to the missions of these ICs. New advances are needed in every area of pain research, from the micro perspective of molecular sciences to the macro perspective of behavioral and social sciences. Research conducted by interdisciplinary and multidisciplinary research teams is strongly encouraged, as is research from underrepresented, minority, disabled, or women investigators. R01 applications are due February 5, June 5, and October 5 annually through May 8, 2016. R03 and R21 applications are due February 16, June 16, and October 16 annually through May 8, 2016.


SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

• U.S Department of Defense; Department of the Army, Special Operations Command: USSOCOM BAA

Notice seeking novel biomedical solutions to preserve the high level of performance and save the lives of Special Operations Forces (SOF) in field environments. Any projects proposed must be unique to the requirements of SOF who typically conduct combat operations in austere, remote locations without timely access to medical evacuation or elevated levels of medical care. Material solutions should demonstrate ruggedness, and be lightweight, small volume, and have low power requirements. USSOCOM is also interested in research that will lead to improved techniques and procedures that do not necessarily require new material. Required pre-proposals are due March 15, 2013. Eligibility is unrestricted. Projects with a total cost exceeding $700,000 will not be considered.

Notice seeking to fund the development of transformational electrochemical energy storage technologies that will accelerate widespread electric vehicle adoption by dramatically improving their driving range, cost, and reliability. Additionally, this program seeks multifunctional energy storage designs that use these robust storage systems to simultaneously serve other functions on a vehicle (for example, in the frame, body, and/or crumple zone), thus further reducing an energy storage system's effective weight when normalized to the entire electric vehicle weight. It is anticipated that the core technologies developed under this program will advance all categories of electrified vehicles (hybrid, plug-in hybrid, extended-range electric, and all-electric vehicles); however, the primary focus of this program is on all-electric vehicles. Questions are due to ARPA-E-FOA@hq.doe.gov by March 15, 2013. Required Concept Papers are due March 21, 2013. Approximately $20 million is available in support. Eligibility is unrestricted.


Notice seeking applications in the following areas: Topic A is to enable utilities to develop long-term strategic plans that integrate high levels of renewable energy generation, and to ensure reliable real-time power system operations under high renewable penetration. Topic A-1 addresses detailed analyses and studies leading to strategic planning and implementation of specific actions to enable high renewables penetration. Topic A-2 addresses power system operations under high renewables penetration. Topic B will provide technical assistance for capacity-building activities regarding utility-scale photovoltaic planning and installation. Required concept papers are due March 8, 2013. Approximately up to $12 million is available in support. Minimum Required cost share: Topic A-1: 50%, Topic A-2: 50%, Topic B: 25%

Links: Solicitation https://eere-exchange.energy.gov/#FoaId5c1bc91c-c0fd-410c-a424-b54b864c380d, Grants.gov notice http://www.grants.gov/search/search.do?mode=VIEW&oppId=221054


Notice seeking applications in two distinct and separate topic areas: 1) identification, evaluation and modeling of intrinsic failure mechanisms in photovoltaic and concentrating solar power sub-systems and system components, and 2) development of standard testing procedures for the lifetime of microinverters and microconverters, both stand alone and module integrated. Information webinar takes place on March 6, 2013 from 3:00 p.m. - 5:00 p.m. ET. Register in advance at: https://www1.gotomeeting.com/register/907182321. Required concept papers are due on March 22, 2013. Approximately $5 million is available to support two to five awards. Eligibility is unrestricted.


**U.S. Department of Energy; National Energy Technology Laboratory: Advanced Gasification Technologies Development and Gasification: Scoping Studies for Innovative Initiatives**

Notice seeking proposals in the area of gasification to convert a solid feedstock ? such as coal, pet coke, or biomass ? into a gaseous form, referred to as syngas, which is composed primarily of hydrogen and carbon monoxide. There will be three areas of interest. The first two (Coal Feed Technologies - Low-rank Coal Feed or Coal-woody Biomass Feed Technologies and Lower-cost Oxygen Production Systems) will look to further develop and expand on concepts that will significantly reduce gasification's capital and operating costs. The third area of interest (High Hydrogen Syngas Production) will begin exploration (through systems analysis and small-scale research and development) of novel technologies to reduce the cost of creating chemical-grade hydrogen and/or high-hydrogen syngas. Applications are due by April 22, 2013. Approximately $13 million is available to support up to seven awards. 20% to 30% cost share is required. Eligibility is unrestricted.