

ESPP Funding July 1, 2016

OPPORTUNITIES FOR STUDENTS and RECENT GRADUATES

Biological Anthropology Program - Doctoral Dissertation Research Improvement Grants BA-DDRIG NSF 14-561

The Biological Anthropology Program supports multifaceted research which advances scientific knowledge of human biology and ecology, including understanding of our evolutionary history and mechanisms which have shaped human and nonhuman primate biological diversity. Supported research focuses on living and fossil forms of both human and nonhuman primates, addressing time scales ranging from the short-term to evolutionary, encompassing multiple levels of organization and analysis (molecular and organismal, to the population and ecosystem scales), and conducted in field, laboratory, and captive research environments. Areas of inquiry which promote understanding of the evolution, biology, and adaptability of our diverse species include, but are not limited to, human genetic and epigenetic variation and relationships to phenotype; human and nonhuman primate ecology, socioecology, functional anatomy and skeletal biology; human and nonhuman primate paleontology; and the anthropological science of forensics. Multidisciplinary research which fully integrates biological anthropology with other anthropological fields, such as bioarchaeological or biocultural research, also receives support through the Program.

July 14, 2016

Fulbright Opportunities in Urban Planning

The Fulbright Scholar Program offers teaching, research or combination teaching and research awards in over 125 countries for the 2017-2018 academic year. Opportunities are available for college and university faculty and administrators as well as for professionals, artists, journalists, scientists, lawyers, independent scholars and many others. The 2017-2018 Fulbright U.S. Scholar Program offers over 40 awards in the field of Urban Planning and nearly 500 awards overall. Exciting opportunities are available in many countries including but not limited to: • Suriname: All Disciplines • Bhutan: Multiple Disciplines • United Kingdom: Fulbright-Ulster Art, Design and the Built Environment • Mozambique: Geology, Engineering, Law, Agronomy, Climate Change or Environmental Resource Management • Mongolia: All Disciplines

Aug. 1, 2016

American Society for Microbiology Education Scientific Training Fellowship

The American Society for Microbiology (ASM) Education Board has an opening for a 12-month ASM Headquarter Fellow. The Board sponsors science education conferences, professional development courses, research and teaching fellowships, a journal, curriculum guidelines and teaching resources. Its programs are targeted to undergraduate and graduate students, postdoctoral fellows, future faculty, beginning scientists and undergraduate educators. The fellow will have the opportunity to explore a non-academic and non-research career that allows him/her to gain knowledge and develop skills to launch new initiatives for developing professionally as microbial scientists.

Aug. 1, 2016

Fellowships, Smithsonian Tropical Research Institute (STRI)

Three- month fellowships at STRI, in Panama. Must work with STRI researcher to develop proposal. Focused on graduate students; occasionally funds undergraduates and postdoctoral researchers. \$800/month, small research allowance, and airfare.

August 15 and November 15 (annual)

NSF Astronomy and Astrophysics Postdoctoral Fellowships

NSF Astronomy and Astrophysics Postdoctoral Fellowships provide an opportunity for highly qualified, recent doctoral scientists to carry out an integrated program of independent research and education. Fellows may engage in observational, instrumental, theoretical, laboratory or archival data research in any area of astronomy

or astrophysics, in combination with a coherent educational plan for the duration of the fellowship. The program supports researchers for a period of up to three years with fellowships that may be taken to eligible host institution(s) of their choice. The program is intended to recognize early-career investigators of significant potential and to provide them with experience in research and education that will establish them in positions of distinction and leadership in the community.

Oct. 12, 2016

OPPORTUNITIES FOR FACULTY

Refugee Agricultural Partnership Program HHS-2016-ACR-ORR-ZR-1141

The Office of Refugee Resettlement (ORR), within the Administration for Children and Families (ACF), invites entities to submit competitive grant applications for projects under the Refugee Agricultural Partnership Program (RAPP). Organizations funded under RAPP implement strategies that encourage the development of agricultural and food systems related services that will improve the livelihoods, physically and economically, of refugee families. These strategies work to provide sustainable and/or supplemental income, improved access to healthy foods and better nutrition, psychosocial development, and enhanced integration into communities by refugee families. Program requirements of RAPP include: 1) Access to land; 2) Training and Technical Assistance; and 3) Farming Production.

July 6, 2016

Great Lakes Restoration Initiative, Partners for Fish and Wildlife 2016 Department of the Interior Fish and Wildlife Service F16AS00229

The Great Lakes Restoration Initiative targets the most significant environmental problems in the Great Lakes ecosystem by funding and implementing federal projects that address these problems. One goal is to improve habitat and wildlife protection and restoration. Using appropriations from the Great Lakes Restoration Initiative, the U.S. Fish and Wildlife Service (Service), Partners for Fish and Wildlife (PFW) Program anticipates funding wetland and associated upland habitat restoration and enhancement projects for conservation of native Great Lakes fish and wildlife populations, particularly migratory birds.

July 16, 2016

Feed the Future Ethiopia Livelihoods for Resilience Activity Agency for International Development Ethiopia USAID-Addis Ababa RFA-663-16-000008

The United States Agency for International Development (USAID) Mission in Ethiopia requests applications from qualified and eligible organizations to manage and implement the Feed the Future Ethiopia Livelihoods for Resilience Activity as described in Section I of this RFA. USAID Ethiopia seeks Applications focused on four programmatic priorities: (1) on-farm income generating activities (IGAs) and crop and livestock market systems; (2) off-farm IGAs and non-farm enterprise development; (3) non-farm labor and wage employment; as well as (4) collaborative learning for scaling and sustaining gains made in the 3 livelihood - on-farm, off-farm and employment - pathways.

July 25, 2016

Feed the Future Ethiopia Livelihoods for Resilience Activity RFA-663-16-000008

The United States Agency for International Development (USAID) Mission in Ethiopia requests applications from qualified and eligible organizations to manage and implement the Feed the Future Ethiopia Livelihoods

for Resilience Activity as described in Section I of this RFA .The Feed the Future Ethiopia Livelihoods for Resilience Activity for which applications are sought should subscribe to the general framework outlined by the newly launched Government of Ethiopia's PSNP 4's livelihood component, which articulates three key livelihood pathways. These are the focus of USAID Ethiopia livelihood priorities moving forward. USAID Ethiopia seeks Applications focused on four programmatic priorities: (1) on-farm income generating activities (IGAs) and crop and livestock market systems; (2) off-farm IGAs and non-farm enterprise development; (3) non-farm labor and wage employment; as well as (4) collaborative learning for scaling and sustaining gains made in the 3 livelihood - on-farm, off-farm and employment - pathways.

July 25, 2016

Social and Behavior Change Communication Activity USAID-Dhaka RFA-388-16-000006

The U.S. Agency for International Development (USAID)/Bangladesh intends to award a five-year cooperative agreement of up to \$15 million. The purpose of the award is to generate demand for and increase the use of high quality maternal, neonatal, child and adolescent health (MNCAH), family planning (FP), nutrition, and tuberculosis (TB) services in Bangladesh through the use of social and behavior change communication (SBCC). The goal of this SBCC Activity is to increase health care seeking and adoption of healthy behaviors, through two objectives: 1. Increase exposure to and coverage of quality SBCC on key health behaviors, services, and health products, with a focus on Chittagong and Sylhet Divisions, and 2. Strengthen the Government of Bangladesh Ministry of Health and Family Welfare's (MoHFW) ability to plan, develop, implement and evaluate social and behavior change communication at the central level and in Chittagong and Sylhet Divisions.

July 31, 2016

Fulbright Opportunities in Urban Planning

The Fulbright Scholar Program offers teaching, research or combination teaching and research awards in over 125 countries for the 2017-2018 academic year. Opportunities are available for college and university faculty and administrators as well as for professionals, artists, journalists, scientists, lawyers, independent scholars and many others. The 2017-2018 Fulbright U.S. Scholar Program offers over 40 awards in the field of Urban Planning and nearly 500 awards overall. Exciting opportunities are available in many countries including but not limited to: • Suriname: All Disciplines • Bhutan: Multiple Disciplines • United Kingdom: Fulbright-Ulster Art, Design and the Built Environment • Mozambique: Geology, Engineering, Law, Agronomy, Climate Change or Environmental Resource Management • Mongolia: All Disciplines

Aug. 1, 2016

Long-term Exposure to Air Pollution and Development of Cardiovascular Disease Environmental Protection Agency EPA-G2016-STAR-B1

The U.S. Environmental Protection Agency (EPA), as part of its Science to Achieve Results (STAR) program, is seeking applications proposing to expand and inform the understanding of the mechanism(s) by which air pollution contributes to the development of cardiovascular disease. Specifically, research is needed to estimate the total cardiovascular risk associated with exposure to air pollution, including indicators of early subclinical damage and novel endpoints, in addition to established morbidity and mortality outcomes. Research is also needed to understand related endpoints such as markers of cardio-metabolic responses and cerebrovascular disease. In consideration of the implications of this research and of regulations promoting open access to

federally funded data, the Agency is seeking applications that develop innovative methods for broad access to data generated in response to this solicitation.

Aug. 2, 2016

Agriculture and Food Research Initiative: Water for Agriculture Challenge Area USDA-NIFA-AFRI-005822

This AFRI Challenge Area addresses critical water resources issues such as drought, excess soil moisture, flooding, quality and others in an agricultural context. Funding will be used to develop management practices, technologies, and tools for farmers, ranchers, forest owners and managers, public decision makers, public and private managers, and citizens to improve water resource quantity and quality. The long-term goal of the AFRI Water for Agriculture Challenge Area is to tackle critical water issues by developing both regional systems for the sustainable use and reuse, flow and management of water, and at the watershed and farm scales, water issues focused on production and environmental sustainability efforts. Project types supported within this Challenge area are multi-function Integrated Research, Education, and/or Extension Projects and Food and Agricultural Enhancement (FASE) Grants.

Aug. 4, 2016

Combating Wildlife Trafficking in Southeast Asia, Department of State INLEA-INLTC-16-005

INL/EA seeks to build upon civilian law enforcement capabilities to combat wildlife crime in Southeast Asia, and authorities ability to respond to poaching and wildlife trafficking by (1) strengthening legislative and regulatory frameworks, (2) building investigative and enforcement capacity, and (3) enhance prosecutorial and judicial capacity. Applicants may encompass any or all of these targets. The primary countries of engagement may include: Indonesia, Vietnam, Thailand, the Philippines, Laos PDR, and Malaysia; multinational or regional activities that foster transnational cooperation may benefit Burma and Cambodia. Applicants are encourage to select at least two countries for participation and effort should be made to implement activities in underserved areas where poaching is occurring and on trafficking routes.

Aug. 10, 2016

Online Environmental Science Program Department of State U.S. Mission to India K-NOFO-16-101

The Public Affairs Section of the U.S. Consulate General in Kolkata seeks proposals for a project entitled "Online Environmental Science Program." The proposed project will educate high school students about local systems of water and the root causes and effects of air and/or water pollution in order for them to learn about their local environmental systems, to apply action locally, and to inform their communities of the challenges and next steps required to improve their local environment. The project proposes a collaborative effort between a U.S.-based institution and an India-based institution to develop/design or use/modify previously created modules to provide online learning lessons in the area of air and/or water science. The implementing partners will also select an equal number of secondary high schools from the United States and the Kolkata Consular District in India (10-15) to participate in a semester-long program based on the established modules. High schools should be selected to match similar or same climates and environmental challenges when possible. Students should be selected to achieve gender parity.

Aug. 12, 2016

High School Eco Action Clubs in Kolkata and Patna Department of State U.S. Mission to India K-

NOFO-16-100

PAS Kolkata will help develop committed young environment champions through Ecology Action groups (Eco Action Clubs) focused on activities in high schools in Kolkata and Patna. The grantee will select institutions that currently do not have Eco Action Clubs or related organized extra curriculum groups at their schools. The grantee will also design the curriculum and the program with input from the U.S. Consulate. The Eco Action Clubs will be managed by a local partner supporting student and faculty input in development of ecological activities. The opportunity will support targeted activities of the Eco Action Clubs to amplify efforts to combat climate change. The programs will serve to promote environmental diplomacy by building subject matter expertise in STEM areas for youth as well as youth leadership skills. For detailed information, please access full announcement.

Aug. 12, 2016

Research in Autism, Intellectual and Other Neurodevelopmental Disabilities (RAIN) Initiative

The Research in Autism, Intellectual and Neurodevelopmental Disabilities (RAIN) Initiative was created in response to MSU's work as a founding partner in the DOCTRID (Daughters of Charity Research into Disability) Research Institute on autism and intellectual disability, a coalition of 12 Irish universities, MSU, UMass Medical School, and the Daughters of Charity Service in Dublin Ireland. The RAIN Initiative includes two centers: Center on Epidemiology, Diagnosis and Assessment, and the Center on Evidence-Based Interventions Across the Life Span. In addition to the two centers, RAIN has an internal seed grant program designed to stimulate multidisciplinary projects across MSU colleges, and a seminar series that provides ongoing professional development opportunities for the more than 50 faculty and numerous post-doctoral research associates who are currently associated with the RAIN Initiative. Included in this round is THEME 5: Family, Societal and Environmental Issues.

Aug. 15, 2016

Strengthening of Public Health Programs to address Communicable and Non-Communicable Diseases in the Republic of Kenya including the Presidents Emergency Plan for AIDS Relief CDC-RFA-GH16-1703

The propose of the program is to improve public health in Kenya through collaboration by addressing the following public health practice goals:(1) To implement evidence-based public health programs on important human infectious diseases, with an emphasis on HIV/AIDS, Malaria, Emerging and Re-emerging Infectious Diseases, Neglected Tropical Diseases, Tuberculosis, Influenza and other diseases with pandemic potential as well as Environmental Health Issues, Chronic Diseases, Maternal and Child Health, Public Health Preparedness, Bio-safety, Injury Control and Prevention.(2) To provide training for students, public health professionals and select staff in public health program planning implementation and evaluation and other related issues such as data analysis, financial planning and management.(3) To strengthen KEMRI's institutional capacity to plan, implement and evaluate public health programs, conduct surveillance, and develop evidence-based public health interventions that support national and regional infectious disease identification and control efforts.(4) To incorporate the results of program evaluations and lessons learned into operational disease prevention and control programs in the Republic of Kenya and with other national, non-governmental agencies and academic institutions.

Aug. 15, 2016

ENabling Extreme Real-time Grid Integration of Solar Energy (ENERGISE) DE-FOA-0001495

As part of the Department of Energy's Grid Modernization and SunShot Initiatives, this Enabling Extreme Real-Time Grid Integrations of Solar Energy (ENERGISE) Funding Opportunity Announcement (FOA) supports the research and development of highly scalable distribution system planning and real-time operation solutions that enables seamless interconnection and integration of high penetration solar generation onto the electricity grid in a cost-effective, secure, and reliable manner. The envisioned ENERGISE solutions will require the extensive use of sensor, communication, and data analytics technologies to gather up-to-the-minute measurement and forecast data from diverse sources and perform continuous optimization analysis and active control for existing and new PV installations in real time. The solutions need be compatible with the existing grid architecture in the near term and with the advanced grid architecture in the long term. The solutions should also be designed with consideration of the interoperability and cybersecurity requirements. The full Funding Opportunity Announcement (FOA) is posted on the EERE eXCHANGE website at <https://eere-exchange.energy.gov>. Applications must be submitted through the EERE eXCHANGE website to be considered for award. The applicant must first register and create an account on the EERE eXCHANGE website. A User Guide for the EERE eXCHANGE can be found on the EERE website <https://eere-exchange.energy.gov/Manuals.aspx> after logging in to the system. Information on where to submit questions regarding the content of the announcement and where to submit questions regarding submission of applications is found in the full FOA posted on the EERE eXCHANGE website.

Aug. 26, 2016

Agriculture and Food Research Initiative: Foundation Program USDA-NIFA-AFRI-005843

The AFRI Foundational Program is offered to support grants in the six AFRI priority areas to continue building a foundation of knowledge critical for solving current and future societal challenges. The six priority areas are: Plant Health and Production and Plant Products; Animal Health and Production and Animal Products; Food Safety, Nutrition, and Health; Bioenergy, Natural Resources, and Environment; Agriculture Systems and Technology; and Agriculture Economics and Rural Communities. Single-function Research Projects, multi-function Integrated Projects, and Food and Agricultural Science Enhancement (FASE) Grants are expected to address one of the Program Area Priorities (see Foundational Program RFA for details).

Aug. 31, 2016

Dear Colleague Letter: NSF/NSFC Joint Research on Environmental Sustainability Challenges NSF-16-092

The NSF Engineering Directorate (ENG) and the National Natural Science Foundation of China (NSFC) Department of Engineering and Material Sciences (DEMS) are partnering to encourage joint research by U.S. - China teams collaborating on fundamental research that addresses critical environmental sustainability challenges.

Oct. 20, 2016