SPOTLIGHTED OPPORTUNITIES FOR UNO

Building EPSCoR-State/National Laboratory Partnerships: Sustainable Ammonia Synthesis

Department of Energy- EPSCoR

The Office of Basic Energy Sciences (BES), U.S. Department of Energy (DOE), announces its interest in receiving grant applications from U.S. universities/institutions of higher education for basic research to investigate some of the outstanding scientific questions in the synthesis of ammonia (NH3) from nitrogen (N2) using processes that do not generate greenhouse gases (such as CO2, NOx, etc.). Of interest is molecular level research that will provide the scientific basis for novel catalysts and mechanisms for nitrogen activation. Ideally, this research should produce fundamental knowledge that will lead to future catalytic processes for ammonia synthesis that are energy efficient, use renewable sources of energy, and do not produce greenhouse gases.

LINKS: Grants.gov

ARTS, HUMANITIES AND INTERNATIONAL

Management of Model Precinct/Smart Policing Program in El Salvador

Department of State (State), International Narcotics and Law Enforcement Affair

Notice seeking applications to provide comprehensive technical assistance and implementation oversight in three related fields: baseline and outcomes crime and public opinion surveys; MPP operations mentoring, and public/private partnerships. The award intends to ultimately improve the community perception of and confidence in the PNC.

Questions are due May 10, 2016. Applications are due June 10, 2016. Approximately $3 million is available to support one award.

LINKS: Grants.gov

Ripple Effect: Lift a Girl, Raise a Generation

Department of State (State)

Notice seeking applications to support efforts to provide high school educational opportunities for underprivileged Thai girls by financing two years of upper secondary school. Funds support efforts to: fund scholarships; Incorporate support and guidance for continuing education options or job placement after graduation.; to participate in other gender equality opportunities; and Develop a comprehensive budget and follow-up plan to track program success and impact.

Applications are due by May 9, 2016. Approximately $45,000 is available to fund 30 scholarships.

LINKS: Grants.gov

TRANSFORM/Water, Sanitation and Hygiene (WASH)

United States Agency for International Development (USAID) , Ethiopia USAID-Addis Ababa

Notice seeking applications to support water, sanitation and hygiene (WASH) behaviors in Ethiopia. Funds support efforts to: Increase WASH governance and management capacity at the subnational level; Increase demand for low-cost quality WASH products and services, with a focus on sanitation; Increase supply for low-cost quality WASH products and services, with a focus on sanitation; and increase knowledge base to bring WASH innovations to scale. Cost sharing is required.

Applications are due by May 19, 2016. Approximately $24 million is available to support one award.

LINKS: Grants.gov
Women's Entrepreneurial Center, Laos

Department of State (State), Bureau of East Asian & Pacific Affairs

Notice seeking applications for organizations interested in submitting applications for a project to promote women’s entrepreneurship, as part of the Lower Mekong Initiative.

Applications are due June 10, 2016. Approximately $445,500 is available to support one award.

LINKS: Solicitation, Grants.gov

2016 Conventional Weapons Destruction (CWD) Project Baghlan Province

Department of State (State), Bureau of Political-Military Affairs; Office of Weapons Removal and Abatement (PM/WRA)

Notice seeking applications for humanitarian demining, explosive ordnance disposal, and victim assistance programs in Afghanistan, fiscal year 2016/2017.

Applications are due May 31, 2016. Approximately $1.79 million is available.

LINKS: Solicitation, Grants.gov

2016 Conventional Weapons Destruction (CWD) Project Kabul Province

Department of State (State), Bureau of Political-Military Affairs; Office of Weapons Removal and Abatement (PM/WRA)

Notice seeking applications for humanitarian demining, explosive ordnance disposal, and victim assistance programs in Afghanistan, fiscal year 2016/2017.

Applications are due May 31, 2016. Approximately up to $2.52 million is available.

LINKS: Solicitation, Grants.gov

2016 Conventional Weapons Destruction (CWD) Project Kapisa Province

Department of State (State)

Notice seeking applications for humanitarian demining, explosive ordnance disposal, and victim assistance programs in Afghanistan, fiscal year 2016/2017.

Applications are due May 31, 2016. Approximately up to $1.13 million is available.

LINKS: Solicitation, Grants.gov

2016 Conventional Weapons Destruction (CWD) Project Laghman Province

Department of State (State), Bureau of Political-Military Affairs; Office of Weapons Removal and Abatement (PM/WRA)

Notice seeking applications for humanitarian demining, explosive ordnance disposal, and victim assistance programs in Afghanistan, fiscal year 2016/2017.

Applications are due May 31, 2016. Approximately $1.23 million is available.

LINKS: Solicitation, Grants.gov
2016 Conventional Weapons Destruction (CWD) Project Parwan Province

Department of State (State), Bureau of Political-Military Affairs, Office of Weapons Removal

Notice seeking applications for humanitarian demining, explosive ordnance disposal, and victim assistance programs in Afghanistan, fiscal year 2016/2017.

Applications are due May 31, 2016. Approximately up to $1.34 million is available.

LINKS: Solicitation, Grants.gov

CAFTA-DR: Public Participation in the Enforcement of Wildlife Laws

Department of State (State), Ocean and International Environmental Scientific

Notice seeking applications to increase civil society engagement in environmental protection, resulting in increased compliance with and enforcement of wildlife laws and reduction of illegal trade of wildlife in countries that, with the United States, are parties to the Dominican Republic-Central America-United States Free Trade Agreement (CAFTA-DR): Costa Rica, the Dominican Republic, El Salvador, Guatemala, Honduras, and Nicaragua.

Applications are due June 1, 2016. Approximately $250,000 is available to support one award.

LINKS: Solicitation, Grants.gov

FY 2016 Arts Envoy Program

Bureau of Educational and Cultural Affairs (ECA), Department of State (State)

Notice seeking applications to support 200 American artists and cultural experts (known as Arts Envoys) to travel abroad for individual programs or as part of an ensemble or group to engage and consult with key foreign audiences through performances, workshops, meetings, seminars, and appearances in foreign media. By addressing topics identified and developed by U.S. Missions (generally U.S. Embassies and Consulates) worldwide in cooperation with ECA, the program promotes an understanding of U.S. policies and institutions, and the political, economic, social, and cultural context from which they arise.

Applications are due May 27, 2016. Approximately $1.3 million is available to support one award.

LINKS: Solicitation, Grants.gov

FY 2016 Pan Africa Youth Leadership Program

Bureau of Educational and Cultural Affairs (ECA), Department of State (State)

Notice seeking applications to support secondary school youth (ages 15-18) and a small number of adult educators from countries in Sub-Saharan Africa the opportunity to engage in intensive, thematic exchanges in the United States focused on civic education, community service, and youth leadership development.

Applications are due May 23, 2016. Approximately $1.6 million is available to support one award.

LINKS: Solicitation, Grants.gov
FY 2016 Youth Leadership Program with Burma

Bureau of Educational and Cultural Affairs (ECA), Department of State (State)

Notice seeking applications to nurture the participants’ leadership development and equip them with the knowledge, skills, and confidence to become citizen advocates. Successful applicants will present a plan to engage the participants in issues of concern in their schools and communities upon their return home. The Youth Leadership Program with Burma will focus primarily on civic education, youth leadership, and community service.

Applications are due May 31, 2016. Approximately $590,000 is available to support one award.

LINKS: Solicitation, Grants.gov

Havana Large Grants Opportunity

Department of State (State)

Notice seeking applications to support activities that promote U.S.-Cuba bilateral relations in the following three priority areas: Increase entrepreneurship and economic opportunities, especially among youth and underserved communities; Institutional linkages between academic or nonprofit organizations to enhance bilateral partnerships through the promotion of education, the access and use of technology, sports, and partnerships across the Americas; and Promote cultural exchange and enhance understanding of our shared history, traditions, and values through innovative means.

Applications are due on a rolling basis until August 15, 2016. Approximately up to $100,000 per awards is available.

LINKS: Solicitation, Grants.gov

Havana Small Grants Opportunity

Department of State (State)

Notice seeking applications to support activities that promote U.S.-Cuba bilateral relations in the following four priority areas: Increase entrepreneurship and economic opportunities, especially among youth and underserved communities; Enhance bilateral partnerships through the promotion of education, the access and use of technology, sports, and partnerships across the Americas; and Promote cultural exchange and enhance understanding of our shared history, traditions, and values through innovative means.

Applications are due on a rolling basis up until August 15, 2016. Approximately up to $15,000 per award is available.

LINKS: Solicitation, Grants.gov

Model United Nations Conference in Kabul

Department of State (State)

Notice seeking applications to support a Model United Nations (UN) Conference in Kabul, Afghanistan with delegations drawn from four to five provinces. This award will create opportunities for between 120 and 150 university students (ages 18 to 30) from four to five provinces across Afghanistan to develop important skills including public speaking, critical thinking, and in-depth research as they prepare the delegations. Through the process of preparing for and participating in the Model UN conference in Kabul, delegates will learn how the international community acts on its concerns about topics such as peace and security, human rights, the environment, food and hunger, economic development, and globalization.

Applications are due June 16, 2016. Approximately $100,000 is available to support one award.

LINKS: Grants.gov
OJJDP FY 16 National Mentoring Resource Center

Department of Justice (Justice), Office of Juvenile Justice Delinquency Prevention (OJJDP)

Notice seeking applications to continue to develop and expand the OJJDP National Mentoring Resource Center (NMRC), which will provide comprehensive mentoring resource, reference, and training materials and advance the implementation of evidence- and research-based mentoring practices. The goal of NMRC is to enhance the capacity of mentoring organizations to develop, implement, and expand effective mentoring practices.

Applications are due May 31, 2016. Approximately $1.5 million is available to support one award.

LINKS: Grants.gov

Television Variety Show to Support English Language Education

Department of State (State), U.S. Mission to Afghanistan

Notice seeking applications to provide English language programs to better prepare youth to work in a global economy. The program will also instill elements of civic education with an emphasis on creating a strong sense of national identity, youth solidarity, and individual responsibility. To meet these goals, PAS will fund a minimum of 12 episodes of a 44 minute variety show with a targeted demographic of youth 15-25 years of age. We are commissioning a series where young contestants would compete in various language/English word-building activities for a chance at prizes. The show would combine in-studio/live-audience content with on-the-street games and interviews. True to its variety show roots, the show should include the performance of English language songs. Sixty-second cutaways will provide short language lessons on subjects such as building contractions or reading a menu.

Applications are due June 12, 2016. Approximately $1 million is available to support one award.

LINKS: Grants.gov

The Partnership on Women's Entrepreneurship in Renewables (wPOWER)

Department of State (State), Ocean and International Environmental Scientific

Notice seeking applications to empower women clean energy entrepreneurs and expand clean energy access for poor and rural communities. Working at the grassroots level in Kenya, Tanzania, Uganda, Rwanda, Nigeria, and India, wPOWER promotes entrepreneurship of small-scale clean technologies such as solar products and clean cookstoves to drive green growth and directly integrate women into the energy access value chain.

Applications are due June 10, 2016. Approximately $1.5 million is available to support two awards.

LINKS: Solicitation, Grants.gov

The USAID Global Health Challenge BAA

United States Agency for International Development (USAID)

Notice seeking applications for opportunities to co-create, co-design, co-invest, and collaborate in the research, development, piloting, testing, and scaling of innovative, practical and cost-effective interventions to address the most pressing problems in global health.

Expressions of interest are due May 13, 2016. Number and amount of awards vary.

LINKS: Grants.gov
Youth Debate Training and Competition

Department of State (State), U.S. Mission to Afghanistan

Notice seeking applications to support debate training and a series of debate competitions throughout Afghanistan, culminating in a final round of competition in Kabul, Afghanistan. This youth debate program will create opportunities for women and men between the ages of 18 and 30 from provinces across Afghanistan to develop important skills for successful civic engagement, including public speaking, critical thinking, team-building, and in-depth research. Through the process of preparing for and participating in co-educational debate training and competitions to be conducted in English, participants will learn a widely recognized debate format while gaining in-depth knowledge of debate themes from multiple perspectives. Participants will also learn to support arguments with evidence and anticipate objections.

Applications are due June 20, 2016. Approximately $100,000 is available to support one award.

LINKS: Grants.gov

EDUCATION and ECONOMIC AND COMMUNITY DEVELOPMENT

Data Users Advisory Committee; Notice of Meeting and Agenda

Department of Labor (Labor), Bureau of Labor Statistics (BLS)

Notice announcing a meeting of Bureau of Labor Statistics Data Users Advisory Committee to discuss the points of view of data users from various sectors of the U.S. economy, including the labor, business, research, academic, and government communities, on technical matters related to the collection, analysis, dissemination, and use of the Bureau's statistics, on its published reports, and on the broader aspects of its overall mission and function. Agenda items include: Commissioner's welcome; Review of agency developments; Decreasing the level of detail in certain occupations and industries; Redesigned news releases; New consumer price index (CPI) estimation system capabilities and stakeholder survey results; Measuring quarterly labor productivity by industry; and Research on wages and compensation benefits for non-profits.

The meeting will be held on Thursday, May 12, 2016. From 9:00 am ET to 4:15 pm ET, at the Postal Square Building, 2 Massachusetts Avenue NE., Washington, DC.

LINKS: Federal Register

FY16 Acquisition Research Program

Department of Defense (Defense), Navy (Navy) , Naval Supply Systems Command

Notice seeking applications in stimulating and supporting scholarly research in academic disciplines that bear on public procurement policy and management. White papers are due June 1, 2016. Invited proposals are due August 1, 2016. Approximately $120,000 each is available to support multiple awards.

LINKS: Grants.gov

Meeting of the Council on Underserved Communities Advisory Board

Department of Commerce (Commerce), Small Business Administration (SBA)

Notice announcing a meeting of the Council on Underserved Communities (CUC) Advisory Board to examine the obstacles facing small businesses in underserved communities and recommend to SBA policy and programmatic changes to help strengthen SBA's programs and services to these communities. Agenda items include: Providing information on key SBA programs; Board Assignments; and Determination of the 2016 CUC Agenda

The meeting will be held on Monday, April 25 at 1:00 pm ET at the U. S. Small Business Administration, in the Administrator's Large Conference Room, located at 409 3rd St. SW., Suite 7000, Washington, DC

LINKS: Federal Register
National Adult and Juvenile Offender Reentry Resource Center

Department of Justice (Justice), Bureau of Justice Assistance (BJA)

Notice seeking applications to support the operation of the National Adult and Juvenile Reentry Resource Center to facilitate the successful reentry of people from detention and incarceration to communities. Funds support efforts to: provide training and technical assistance (TTA) for several reentry programs; Develop and maintain a centralized online location for reentry information for dissemination to the field that includes a mechanism for online technical assistance (TA); Provide overall education, TTA, evidence-based practices, and other reentry and recidivism reduction resources to various audiences; Assist jurisdictions prioritize their reentry and recidivism reduction efforts and resources, with a focus on system response and service delivery reform efforts, including use of risk/needs assessments, programming selection and tailoring, treatment, fair chance hiring practices, and pay-for-performance contracting; and Support the Federal Interagency Reentry Council by translating their products and initiatives to the field.

Applications are due by June 2, 2016. Approximately $5 million is available to support one award.

LINKS: Grants.gov

National Advisory Committee

(Census Bureau)

Notice announcing a virtual meeting of the Census National Advisory Committee to address updates on the 2015 National Content Test and Tribal Enrollment Question Focus Groups.

The meeting will begin at approximately 2:00 pm ET on April 21, 2016.

LINKS: Federal Register

National Research Project to Assess State Agricultural Laws, Regulations, and Resources Related to Food for Animals

Food and Drug Administration (FDA), Department of Health and Human Services (HHS)

Notice seeking applications to facilitate long term improvements to the national food safety system by providing states with information to aid in the identification of needed changes and resources to enforce requirements for current good manufacturing practice (CGMPs), hazard analysis, and risk-based preventive controls for food for animals modeled after FDA’s Current Good Manufacturing Practice, Hazard Analysis, and Risk-Based Preventive Controls for Food for Animals rule (Preventive Controls for Animal Food rule or PCAF rule).

Letters of intent are requested by April 29, 2016. Applications are due June 17, 2016. Approximately $300,000 is available to support one award. Partnership opportunities may exist for colleges and universities.

Limited Submission: Only one application per institution is allowed.

LINKS: Solicitation, Grants.gov

Open Meeting of the Taxpayer Advocacy Panel Tax Forms and Publications Project Committee

Department of the Treasury (Treasury), Internal Revenue Service (IRS)

Notice announcing a teleconference meeting of the Taxpayer Advocacy Panel Tax Forms and Publications Project Committee to solicit comments, ideas and suggestions on improving customer service at the Internal Revenue Service.

The meeting will be held Tuesday, April 18 at 2:00 pm ET and April 19, 2016. at 2:00 pm ET.

LINKS: Federal Register
Tribal Justice Capacity Building Training and Technical Assistance Program
Department of Justice (Justice), Bureau of Justice Assistance (BJA)

Notice seeking applications to support efforts to assist federally recognized tribes in planning and implementing comprehensive strategies to reduce and control crime associated with alcohol and other drug abuse; and in developing, implementing, and enhancing American Indian and Alaska Native tribal justice systems. Funds support efforts to: increase the knowledge of criminal and tribal justice practitioners through in-person training, web-based learning, distance learning using webinars, teleconferences, and developing or revising training curricula; increase a tribal justice agency’s ability to solve problems and/or modify policies or practices; and increase information provided to BJA and the criminal and tribal justice communities.

Applications are due by June 2, 2016. Approximately $3.68 million is available to support up to seven awards.

LINKS: Grants.gov

Building Civilian Criminal Justice Capacity to Address Terrorism
Department of State (State), Bureau of Counterterrorism

Notice seeking applications for projects to strengthen the capacity of civilian criminal justice institutions and actors engaged in counterterrorism and countering violent extremism (CVE) efforts.

Applications are due June 12, 2016. Approximately up to $1.5 million is available to support 16 awards.

LINKS: Solicitation, Grants.gov

Crop Protection and Pest Management
United States Department of Agriculture (USDA), National Institute of Food and Agriculture

Notice seeking applications to ensure food security and effectively respond to major pest management challenges. The CPPM program supports projects that address these challenges with integrated pest management (IPM) approaches developed by coordinated state, regional, and national research and extension efforts.

Applications are due June 8, 2016. Approximately $4 million is available to support multiple awards.

LINKS: Grants.gov

Environmental Technologies Trade Advisory Committee Public Meeting
Department of Commerce (Commerce), International Trade Administration

Notice announcing a meeting of the Environmental Technologies Trade Advisory Committee. The purpose of the meeting is to advise the U.S. government on environmental trade policies and programs, and to help it to focus its resources on increasing the exports of the U.S. environmental industry.

The meeting will be held via teleconference. The teleconference meeting is scheduled for Tuesday, May 3, 2016, at 3:00 pm ET. Please register by 5:00 pm ET on Friday, April 29, 2016 to listen in on the teleconference meeting.

LINKS: Federal Register
Food Safety Outreach Program

United States Department of Agriculture (USDA), National Institute of Food and Agriculture

Notice seeking applications to develop and implement food safety training, education, extension, outreach and technical assistance projects that address the needs of owners and operators of small to mid-sized farms, beginning farmers, socially-disadvantaged farmers, small processors, or small fresh fruit and vegetable merchant wholesalers.

Applications are due June 2, 2016. Approximately $4.7 million is available.

LINKS: Solicitation, Grants.gov

Global Change, Ultraviolet Radiation Monitoring and Research Program

United States Department of Agriculture (USDA), National Institute of Food and Agriculture (NIFA)

Notice seeking applications to support research and research infrastructure which: generates an uninterrupted stream of climatology data; determines mechanisms and symptoms of plant and animal response; and applies tightly integrated models to assess regional and national impacts (both biological and economic) of multiple plant stressors.

Applications are due May 16, 2016. Approximately $1.3 million is available.

LINKS: Solicitation, Grants.gov

Office of Elementary and Secondary Education (OESE): Advanced Placement Test Fee (APTF) Program CFDA Number 84.330B

Department of Education (Education)

Notice seeking applications from eligible State educational agencies (SEAs) to enable them to pay all or a portion of advanced placement test fees on behalf of eligible low-income students who are enrolled in an advanced placement course and plan to take an advanced placement test. The program is designed to increase the number of low-income students who take advanced placement tests and receive scores for which college academic credit is awarded.

Applications are due May 12, 2016. Approximately $28.48 million is available to support up to 41 awards.

LINKS: Solicitation, Grants.gov

OJJDP FY 2016 Juvenile Justice Emergency Planning Demonstration Program

Department of Justice (Justice), Office of Juvenile Justice Delinquency Prevention (OJJDP)

Notice seeking applications to develop, strengthen and implement emergency preparedness plans for juvenile justice facilities. These plans should be based upon the principles outlined in Emergency Planning for Juvenile Justice Residential Facilities, and should address the specific needs of children, youth, and families involved in the justice system, during an emergency.

Applications are due May 31, 2016. Approximately $350,000 is available to support up to six awards.

LINKS: Grants.gov
HEALTH and MENTAL HEALTH

Advanced Rehabilitation Research Training (ARRT) Program - Minority-Serving Institution ARRT

Administration for Community Living (ACL), Department of Health and Human Services (HHS)

Notice seeking application to support minority serving institutions (MSIs) provide advanced research training and experience to rehabilitation researchers with doctorates, or similar advanced degrees, who have clinical or other relevant experience. Fund support programs that improve outcomes in health and function, employment, or community living and participation for individuals with disabilities.

Letters of intent are requested by May 13, 2016. Applications are due June 7, 2016. Approximately $150,000 is available to support one award.

LINKS: Solicitation, Grants.gov

Advisory Council on Alzheimer's Research, Care, and Services

Department of Health and Human Services (HHS)

Notice announcing a meeting of the Advisory Council on Alzheimer's Research, Care, and Services. The purpose of the meeting is to provide advice on how to prevent or reduce the burden of Alzheimer's disease and related dementias on people with the disease and their caregivers.

The meeting will be held on April 29, 2016 from 9 am to 5 pm ET. in Room 800 in the Hubert H. Humphrey Building, 200 Independence Avenue SW., Washington, DC.

LINKS: Federal Register

Animal-Assisted Interventions for Special Populations (R03)

National Institutes of Health (NIH), Department of Health and Human Services (HHS) , National Institute of Child Health and Human Development (NICHD)

Notice seeking applications to support research to examine the safety and efficacy of the inclusion of animals in therapy and rehabilitation for children and individuals with disabilities, neurological conditions, behavioral, emotional and mental health issues and related health outcomes, as well as the adaptation of healthy behaviors and the enhancement of learning in special need and at-risk populations.

Letters of intent are requested by June 29, 2016. Applications are due July 29, 2016. Approximately $1 million is available to support five to seven awards.

LINKS: Solicitation, Grants.gov

Animal-Assisted Interventions for Special Populations (R21)

National Institutes of Health (NIH), Department of Health and Human Services (HHS) , National Institute of Child Health and Human Development (NICHD)

Notice seeking applications to support exploratory research to examine the safety and efficacy of the inclusion of animals in therapy and rehabilitation for children and individuals with disabilities, neurological conditions, behavioral, emotional and mental health issues and related health outcomes, as well as the adaptation of healthy behaviors and the enhancement of learning in special need and at-risk populations.

Letters of intent are requested by June 29, 2016. Applications are due by July 29, 2016. Approximately $1 million is available to support two to three awards

LINKS: Solicitation, Grants.gov
Development and Commercialization of Technologies to Create, Characterize or Improve Animal Models of Human Disease (R41/R42)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), Division of Program Coordination, Planning and Strategic Initiatives, Office of Research Infrastructure Programs (ORIP)

Notice seeking applications to support research-related resources that create, develop, preserve and supply a variety of high-quality animal models, and related biological materials. ORIP also supports the development and implementation of tools and devices that directly benefit the welfare of research animals, improve handling of laboratory animals, and ease the management of animal facilities.

Applications are due September 5, January 5, and April 5 annually.

LINKS: Solicitation, Grants.gov

Development and Commercialization of Technologies to Create, Characterize or Improve Animal Models of Human Disease (R43/R44)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), Division of Program Coordination, Planning and Strategic Initiatives, Office of Research Infrastructure Programs (ORIP)

Notice seeking applications to support research-related resources that create, develop, preserve and supply a variety of high-quality animal models, and related biological materials.

Applications are due September 5, January 5, and April 5 annually.

LINKS: Solicitation, Grants.gov

DoD Lung Cancer Research Program Career Development Award

Army (Army), Department of Defense (Defense)

Notice seeking applications to support early-career, independent investigators to conduct impactful research under the mentorship of an experienced lung cancer researcher as an opportunity to obtain the funding, mentoring, and experience necessary for productive, independent careers at the forefront of lung cancer research.

Pre-Applications are required by June 9, 2016. Applications are due September 14, 2016. Approximately $1.2 million is available to support three awards.

LINKS: Grants.gov

DoD Lung Cancer Research Program Clinical Exploration Award

Army (Army), Department of Defense (Defense)

Notice seeking applications to support rapid execution of early-phase, proof-of-principle clinical trials to examine hypothesis-based, innovative interventions that have the potential to resolve current clinical barriers and result in a profound impact on the clinical management of lung cancer.

Pre-Applications are required by June 9, 2016. Applications are due September 14, 2016.

LINKS: Grants.gov
DoD Lung Cancer Research Program Idea Development Award

Army (Army), Department of Defense (Defense)

Notice seeking applications to promote new ideas that are still in the early stages of development and have the potential to yield impactful data and new avenues of investigation. This award supports conceptually innovative, high-risk/high-reward research that could lead to critical discoveries or major advancements that will accelerate progress toward eradicating deaths from lung cancer.

Pre-Applications are required by June 9, 2016. Applications are due September 14, 2016. Approximately $3.36 million is available to support three Established Investigator and three New Investigator Idea Development awards.

LINKS: Grants.gov

DoD Lung Cancer Research Program Investigator-Initiated Translational Research Award

Army (Army), Department of Defense (Defense)

Notice seeking applications to support translational research that will develop promising ideas in lung cancer into clinical applications. Translational research may be defined as an integration of basic science and clinical observations. Observations that drive a research idea may originate from a laboratory discovery, population-based studies, or a clinician’s firsthand knowledge of patient care.

Pre-Applications are required by June 9, 2016. Applications are due September 14, 2016. Approximately $2.56 million is available to support four awards.

LINKS: Grants.gov

Exploratory Grants in Cancer Epidemiology and Genomics Research (R21)

National Institutes of Health (NIH), Department of Health and Human Services (HHS) , National Cancer Institute (NCI)

Notice seeking applications to support exploratory research on cancer epidemiology, genomics, and risk assessment. Funds support efforts to: improve epidemiologic study data collection; validating measurement of exposures in body fluids and tissues; apply epigenetic or metabolomic approaches to cancer epidemiology research; develop and apply novel strategies for discovery of risk variants for rare cancers; understand the population genetic architecture of cancer in understudied populations; or validate methods to extract, collect, and synthesize clinical data via electronic medical records for use in observational studies of cancer patients and survivors.

Applications are due June 16, October 16, and February 16 annually until May 8, 2019. Approximately $275,000 per award is available to support multiple awards.

LINKS: Solicitation, Grants.gov

Family Violence Prevention and Services Discretionary Grants: Capacity Building and Program Technical Assistance for Family Violence Prevention and Services Act Formula Grantees

Administration for Children and Families (ACF), Department of Health and Human Services (HHS)

Notice seeking applications to enhance and expand the organizational capacity of FVPSA-funded local domestic and dating violence programs, FVPSA State Administrators, and State Domestic Violence Coalitions that support these programs.

Letters of intent are strongly encouraged by May 11, 2016. Applications are due June 10, 2016. Approximately $400,000 is available to support one award.

LINKS: Solicitation, Grants.gov
Meeting Notice for the President’s Advisory Council on Faith-Based and Neighborhood Partnerships

Department of Health and Human Services (HHS)

Notice announcing a meeting of the President’s Advisory Council on Faith-based and Neighborhood Partnerships Council. Agenda items include: Opening and Welcome from the Chairperson and Executive Director for the President’s Advisory Council for Faith-based and Neighborhood Partnership; Recommendations for deliberation and vote.

The meeting will be held on Monday, April 25th, 2016 12:30 pm - 5 pm ET and Tuesday, April 26th, 2016 10 am - 1 pm ET in the White House complex, 1600 Pennsylvania Ave NW., Washington, DC. Registration is required by April 20, 2016. Teleconference access is available.

LINKS: Federal Register

NCI Clinical and Translational Exploratory/Developmental Studies (R21)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

Notice seeking applications to support new exploratory research in cancer diagnosis, treatment, imaging, symptom/toxicity, and prevention clinical trials; correlative studies associated with clinical trials; novel cancer therapeutic, symptom/toxicity, and preventive agent development, radiotherapy development activities, and mechanism-driven combinations; and innovative preclinical studies—including the use of new clinically-relevant models and imaging technologies—which could lead to first-in-human clinical trials.

Applications are due by July 19, 2016; November 22, 2016; March 22, 2017; July 19, 2017; November 22, 2017; March 22, 2018; July 19, 2018; November 22, 2018; and March 22, 2018, approximately $275,000 per award is available to support multiple awards.

LINKS: Solicitation, Grants.gov

Pilot and Feasibility Studies Evaluating the Role of RNA Modifications (the 'epitranscriptome') in Cancer Biology (R21)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

Notice seeking applications to support basic exploratory research into the role of RNA chemical modifications and their corresponding writers, readers and erasers in the initiation and progression of cancer. Funds support research on known and new RNA modifications as well as studies on the characterization of the enzymatic ‘readers’, ‘writers’, and ‘erasers’ of these modifications.

Applications are June 16, October 16, and February 16 annually until June 17, 2019. Approximately $275,000 per award is available to support multiple awards.

LINKS: Solicitation, Grants.gov

Rehabilitation Research and Training Center (RRTC) on Employer Practices Leading to Successful Employment Outcomes for Individuals with Disabilities

Administration for Community Living (ACL), Department of Health and Human Services (HHS)

Notice seeking applications to support the development of a new Rehabilitation Research and Training Center to generate new knowledge about effective employer practices that support successful employment outcomes for individuals with disabilities. Funds support efforts to identify effective employer practices, develop relevant measures of employment outcomes, and implement and evaluate pilot workplace programs.

Letters of intent are requested by May 13, 2016. Applications are due by June 7, 2016. Approximately $875,000 is available to support one award.

LINKS: Solicitation, Grants.gov
Rehabilitation Research and Training Center (RRTC) on Interventions to Promote Community Living Among Individuals with Disabilities

Administration for Community Living (ACL), Department of Health and Human Services (HHS)

Notice seeking applications to support the establishment of a new Rehabilitation Research and Training Center to conduct research, training, technical assistance and dissemination activities that can improve community participation and living outcomes for persons with disabilities. Funds support efforts to increase knowledge of effective interventions, and serve as a national resource center for their specific stage of research.

Letters of intent are requested by May 13, 2016. Applications are due by June 7, 2016. Approximately $875,000 is available to support one award.

LINKS: Solicitation, Grants.gov

Research Partnerships for Scaling Up Mental Health Interventions in Low-and Middle-Income Countries (U19)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Mental Health (NIMH)

Notice seeking to support efforts to address implementation questions facing World Bank designated low- and middle-income countries in their efforts to scale up sustainable, evidence-based mental health interventions. Regional focuses include: East Asia and the Pacific; Europe and Central Asia; Latin America and the Caribbean; Middle East and North Africa; South Asia; Sub-Saharan Africa. This program is not intended to support research that can be conducted primarily in and/or by United States or other high income country institutions.

Letters of intent are requested by June 15, 2016. Applications are due July 15, 2016. Approximately $500,000 per award is available to support multiple awards

LINKS: Solicitation, Grants.gov

Short-term Mentored Career Enhancement Award in Dental, Oral and Craniofacial Research for Mid-Career and Senior Investigators (K18)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Dental and Craniofacial Research (NIDCR)

Notice seeking applications for short-term mentored career enhancement (K18) awards in dental, oral and craniofacial research with a focus on behavioral and social sciences, and genetic and genomic research.

Applications are due February 12, June 12, and October 12, annually

LINKS: Solicitation, Grants.gov

Egg Safety Regulatory Program Standards Development (U18)

Food and Drug Administration (FDA), Department of Health and Human Services (HHS)

Notice seeking applications to improve the national egg safety programs through conducting an egg regulatory program self-assessment including a review of State egg laws and regulations in comparison to the current federal egg safety laws and regulations; developing and implementing an agreement and protocol for sharing egg regulatory inspections and information between States and the FDA; and identifying gaps and areas of improvement between Federal and State egg programs and providing recommendations for national egg regulatory program standards for States.

Letters of intent are requested and due May 20, 2016. Applications are due July 1, 2016. Approximately $750,000 is available to support up to five awards.

LINKS: Solicitation, Grants.gov
Eunice Kennedy Shriver National Institute of Child Health and Human Development; Notice of Meeting

National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice announcing open meeting of the National Advisory Board on Medical Rehabilitation Research to discuss common data elements in rehabilitation research, review of operationalizing NIH rehabilitation research plan.

The meeting will be held on May 2, 2016 from 9:00 am to 5:00 pm ET and on May 3, 2016 from 8:30 am to 12:00 pm ET at Bethesda Marriott Suites, 6711 Democracy Boulevard, Bethesda, MD.

LINKS: Federal Register

Food Protection Task Force (FPTF) and Integrated Food Safety System (IFSS) Project Grant Program (R18)

Food and Drug Administration (FDA), Department of Health and Human Services (HHS)

Notice seeking applications to develop, test, and evaluate food safety and food defense health service activities and to foster the application of existing knowledge for the control of categorical and food related diseases and illnesses.

Letters of intent are requested by May 20, 2016 for the July 1, 2016 application due date and March 27, 2017 for the May 15, 2017 application due date. Approximately $200,000 is available to support up to 20 awards.

LINKS: Solicitation, Grants.gov

Improved Technologies and Ligands for Non-invasive Brain Imaging (R41/R42)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Drug Abuse (NIDA)

Notice seeking to support STTR applications in the service of improved ligands and imaging technologies for investigating brain function and enhancing disease diagnosis and treatment of SUD and HIV/AIDS. Applications targeting these topics, with an emphasis on technology that will enhance non-invasive brain imaging in human participants, are strongly encouraged.

Letters of intent are requested 30 days prior to the application due date. Applications are due August 17, 2016.

LINKS: Solicitation, Grants.gov

Improved Technologies and Ligands for Non-invasive Brain Imaging (R43/R44)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Drug Abuse (NIDA)

Notice seeking applications to support SBIR applications in the service of improved ligands and imaging technologies for investigating brain function and enhancing disease diagnosis and treatment of SUD and HIV/AIDS. Applications targeting these topics, with an emphasis on technology that will enhance non-invasive brain imaging in human participants, are strongly encouraged.

Letters of intent are requested due 30 days prior to the application due date. Applications are due August 17, 2016.

LINKS: Solicitation, Grants.gov
Limited Competition: Rare Diseases Clinical Research Network (RDCRN) Project Supplements for Clinical Trials to Repurpose Drugs in Collaboration with E-Rare Awardees (Admin Supp)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Center for Advancing Translational Sciences (NCATS)

Notice seeking applications to provide support through an administrative supplement to existing Rare Diseases Clinical Research Network (RDCRN) awardees whose projects encompass the implementation of clinical trials. Through this supplement, NCATS intends to provide support for phase 1 and/or 2 clinical trial sites that will test the potential use of an existing molecule for the treatment of a rare disease as part of a multi-site international E-Rare-3 trial.

Applications are due July 18, 2016. Approximately $3 million is available to support up to six awards.

Limited Submission: Only one application per parent award is allowed.

LINKS: Solicitation, Grants.gov

Manufactured Food Regulatory Program Alliance (U18)

Food and Drug Administration (FDA), Department of Health and Human Services (HHS)

Notice seeking applications to facilitate long-term improvements to the national food safety system by strengthening interagency collaboration, improving States’ regulatory and surveillance protection programs for manufactured foods, conducting research, and promotion of the Manufactured Food Regulatory Program Standards (MFRPS). This will be accomplished through the provision of funding and will require extensive cooperation and coordination with FDA program offices.

Effective leveraging of resources and harmonization of efforts will require collaboration with relevant initiatives, including those of federal partners, national initiatives and associations, state, and local partners.

Letters of intent are requested by May 20, 2016. Applications are due July 1, 2016. Approximately $2.9 million is available to support one award.

LINKS: Solicitation, Grants.gov

Mechanisms, Models, Measurement, and Management in Pain Research (R01)

National Institutes of Health (NIH), Department of Health and Human Services (HHS)

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. Although great strides have been made in some areas, such as the identification of neural pathways of pain, the experience of pain and the challenge of treatment have remained uniquely individual and unsolved. Furthermore, our understanding of how and why individuals transition to a chronic pain state after an acute injury is limited. Research to address these issues conducted by interdisciplinary and multidisciplinary research teams is strongly encouraged, as is research from underrepresented, minority, disabled, or women investigators.

Applications are due June 5; October 5; February 5 annually.

LINKS: Solicitation, Grants.gov
Mechanisms, Models, Measurement, and Management in Pain Research (R21)

National Institutes of Health (NIH), Department of Health and Human Services (HHS)

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. Although great strides have been made in some areas, such as the identification of neural pathways of pain, the experience of pain and the challenge of treatment have remained uniquely individual and unsolved. Furthermore, our understanding of how and why individuals transition to a chronic pain state after an acute injury is limited. Research to address these issues conducted by interdisciplinary and multidisciplinary research teams is strongly encouraged, as is research from underrepresented, minority, disabled, or women investigators.

Applications are due June 16; October 16; February 16 annually.

LINKS: Solicitation, Grants.gov

Mine Safety and Health Research Advisory Committee

Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS), National Institute for Occupational Safety and Health (NIOSH)

Notice announcing a meeting of the Mine Safety and Health Research Advisory Committee. The purpose of the meeting is to focus on mining safety and health research projects and outcomes, including dynamic ground failure, the internet of things, ergo app, diesel nanotechnology, updates on the rock dust and refuge alternatives partnerships, an update on the capacity building program, an update on the National Occupational Research Agenda—Assessing BNI, and a discussion on the mining program research portfolio.

The meeting will be held 9:00 am - 5:30 pm, ET, May 10, 2016 at the Hilton Garden Inn Pittsburgh/Southpointe, 1000 Corporate Drive, Canonsburg, PA. Teleconference access is also available. If you wish to attend by phone, please contact Marie Chovanec by email at MChovanec@cdc.gov or by phone at 412/386-5302 at least 3 days in advance.

LINKS: Federal Register

National Institute on Drug Abuse; Notice of Meeting

National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice announcing open meeting of the National Advisory Council on Drug Abuse to discuss announcements and reports of administrative, legislative, and program developments in the drug abuse field.

The meeting will be held on May 4, 2016 from 8:30 am to 4:00 pm ET at the National Institutes of Health, Neuroscience Center, 6001 Executive Boulevard, Rockville, MD.

LINKS: Federal Register

Paul Calabresi Career Development Award for Clinical Oncology (K12)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

Notice seeking applications to promote the training and career development of clinical trials researchers. It is intended to increase the number of clinicians (M.D.s, D.O.s, Pharm.D.s, nurses with Ph.D.s or equivalent) and non-clinician postdoctoral researchers trained to design and test clinical therapeutic research protocols in clinical trial settings (pilot/Phase I, Phase II, and Phase III clinical trials).


LINKS: Solicitation, Grants.gov
Products to Support Applied Research Towards Zero Suicide Healthcare Systems (R43/R44)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Mental Health (NIMH)

Notice seeking applications to support Small Business Innovation Research (SBIR) grants that develop novel technologies for the purpose of advancing the National Action Alliance for Suicide Prevention's “Zero Suicide” goal of preventing suicide events (attempts, deaths) among individuals receiving treatment within health care systems. Zero Suicide is a commitment to the prevention of suicide among individuals served by health care systems and is also a specific set of health care strategies and tools intended to eliminate suicide events. Research is still needed, however, to implement these goals effectively, and the incorporation of health information technology (health IT) products into this care program is critical.

Letters of intent are requested 30 days prior to the application due date. Applications are due September 5; January 5; April 5 annually.

LINKS: Solicitation, Grants.gov

Public Meeting of the Presidential Commission for the Study of Bioethical Issues

Department of Health and Human Services (HHS)

Notice announcing a public meeting of the Presidential Commission for the Study of Bioethical Issues. The purpose of the meeting is to reflect upon the role of national bioethics advisory bodies, both in the US and abroad, in the past, present, and future.

The meeting will take place May 3, 2016, from 9 am to approximately 5 pm at the Grand Hyatt Washington Hotel, 1000 H St. NW., Washington, DC.

LINKS: Federal Register

Quality Improvement Center for Workforce Development

Administration for Children and Families (ACF), Department of Health and Human Services (HHS)

Notice seeking applications to establish by cooperative agreement one Quality Improvement Center (QIC). The QIC will conduct a multi-site demonstration project to address pervasive child welfare workforce challenges. The QIC will demonstrate whether specific strategies improve staff recruitment and retention in state and tribal systems and will assess the effect on system-involved children and families.

Applications are due June 13, 2016. Approximately $1 million is available to support one award.

LINKS: Solicitation, Grants.gov

Strategies for the Improvement of HIV Envelope Protein Expression and Yield (R41/R42)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Allergy and Infectious Diseases (NIAID)

Notice seeking applications to encourage Small Business Technology Transfer (STTR) grant applications from Small Business Concerns (SBCs) and non-profit research institutions that will focus on innovative technologies and strategies to improve HIV envelope protein expression, yield and rapid universal purification platforms that would meet the requirements of regulatory agencies for clinical research use. Such technologies should have commercial potential.

Applications are due September 5; January 5; April 5 annually.

LINKS: Solicitation, Grants.gov
Strategies for the Improvement of HIV Envelope Protein Expression and Yield (R43/R44)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Allergy and Infectious Diseases (NIAID)

Notice seeking applications to encourage Small Business Innovation Research (SBIR) grant applications from Small Business Concerns (SBCs) and academic partners that will focus on innovative technologies and strategies to improve HIV envelope protein expression, yield and rapid universal purification platforms that would meet the requirements of regulatory agencies for clinical research use. Such technologies should have commercial potential.

Applications are due September 5; January 5; April 5 annually.

LINKS: Solicitation, Grants.gov

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Earth Science Applications: Water Resources

National Aeronautics and Space Administration (NASA)

Notice seeking proposals to support efforts to advance the use of satellite observations to detect and mitigate threats to water security and sustainability with an emphasis on monitoring and management of water quality and agricultural water use. Funds support efforts to: advance the ability to use computational and modeling capabilities that utilize Earth observations; and enhance water managers’ abilities to respond effectively to the challenges to the security and sustainability of water resources.

Step-1 proposals are due by May 2, 2016. Approximately $9 million is available to support five to ten projects.

LINKS: Solicitation, Grants.gov

Instrument Incubator Program

National Aeronautics and Space Administration (NASA)

Notice seeking proposals to support innovative technologies that lead directly to new Earth observing instruments, sensors, and systems that enable new or greatly enhance Earth observation measurements and reduce the risk, cost, size, mass, and development time of Earth observing instruments. Funding categories include "Instrument Development and Demonstration" (IDD) and "Instrument/Measurement Concept Demonstration" (ICD)

Notices of intent are requested by May 31, 2016. Applications are due July 11, 2016. Approximately $22 million is available to support 14-18 IDD awards. Approximately $4 million is available to support three to five ICD awards.

LINKS: Solicitation, Grants.gov

ROSES 2016: Terrestrial Ecology: An Airborne Campaign for the Arctic-Boreal Vulnerability Experiment (ABoVE)

National Aeronautics and Space Administration (NASA)

Notice seeking proposals to improve understanding of the structure, function, and productivity of terrestrial ecosystems across the globe, their interactions with the atmosphere and hydrosphere, and their role in the cycling of the major biogeochemical elements and water.

Notice of intent are due May 16, 2016. Proposals are due August 1, 2016. Approximately $3.5 million is available to support 10 to 20 awards.

LINKS: Solicitation, Grants.gov
FY2016 Methane Hydrates

Department of Energy (Energy), National Energy Technology Laboratory

Notice seeking applications that focus on fundamental research assessing the scale, development, and nature of hydrate-bearing geological systems, the role of these systems in the natural environment (including geohazards and potential feedbacks to changing global climate), the potential of these systems for commercial recovery of methane, and the potential environmental implications of methane hydrate resource recovery.

Applications are due May 27, 2016. Approximately $4.5 million is available to support 3 to 10 awards.

LINKS: Grants.gov

Historically Black College and University (HBCU)/Minority-Serving Institution (MI) Partnered Research Initiative (PRI)

Army (Army), Department of Defense (Defense)

Notice announcing call for HBCUs/MIs to submit whitepapers expressing their interest in participating in highly collaborative research opportunities with major ARL collaborative research Programs under the HBCU/MI PRI. Under the ARL HBCU/MI PRI, funding will be provided for HBCU/MIs to participate in highly collaborative research opportunities with major ARL collaborative research Programs.

Responses are due June 8, 2016.

LINKS: FBO

Methane Emissions Mitigation and Quantification from Natural Gas Infrastructure

Department of Energy (Energy), National Energy Technology Laboratory

Notice seeking applications to support the development for a suite of natural gas leak mitigation technologies that will enable companies to effectively mitigate leaks. The objective of the methane emission quantification-focused portion of the Program is to better quantify methane emissions from the natural gas value chain.

Applications are due June 13, 2016. Approximately $19 million is available to support up to 24 awards.

LINKS: Grants.gov

Multidisciplinary Research Program of the University Research Initiative

Department of Defense (Defense), Navy (Navy), Office of Naval Research

Notice seeking applications to support basic research in science and engineering at U.S. institutions of higher education that is of potential interest to DoD. The program is focused on multidisciplinary research efforts where more than one traditional discipline interacts to provide rapid advances in scientific areas of interest to the DoD. White papers are due August 1, 2016. Full proposals are due November 15, 2016.

LINKS: Grants.gov

Multidisciplinary University Research Initiative (MURI)

Army (Army), Department of Defense (Defense)

Broad agency announcement seeking white papers to support multidisciplinary research efforts where more than one traditional discipline interacts to provide rapid advances in scientific areas of interest to the DoD. White Papers are required by August 1, 2016. Full proposals are due November 15, 2016.

LINKS: Grants.gov
Next Generation Energy Technologies for Connected and Automated On-Road Vehicles (NEXTCAR)

Department of Energy (Energy), Advanced Research Projects Agency Energy

Notice seeking applications to support the development of new and emerging vehicle dynamic and powertrain (VD&PT) control technologies that can reduce the energy consumption of future vehicles through the use of connectivity and vehicle automation. Potential vehicle energy improvement technologies may include, but are not limited to, advanced technologies and concepts relating to full vehicle dynamic control, powertrain control, improved vehicle and powertrain operation through the automation of vehicle dynamics control functions, and improved control and optimization facilitated by connectivity.

Concept papers are due May 24, 2016. Approximately $30 million is available to support up to 10 awards.

LINKS: Solicitation, Grants.gov

NOAA Atlas 14 Volume for Texas

Department of Defense (Defense)

Notice seeking applications to determine annual exceedance probabilities (AEP) and average recurrence intervals (ARI) for precipitation durations ranging from 5 minutes to 60 days and for ARIs from 1 to 1,000 years. After researching historical precipitation data, point estimates of AEPs and ARIs will be developed and spatially interpolated to a spatial resolution of approximately 4km x 4 km. The study results will be published as a volume of NOAA Atlas 14, a wholly web based publication available online through NOAA.

Applications are due April 22, 2016. Approximately $400,000 is available to support one award.

LINKS: Grants.gov

NOAA Science Collaboration Program

National Oceanic and Atmospheric Administration (NOAA), Department of Commerce (Commerce)

Notice seeking applications to support complementary earth-systems modeling efforts in areas such as hydrology and coastal dynamics which can serve as a catalyst for collaborations between NOAA professionals and scientists supported through this program. NOAA will support social science research that evaluates the impact of NOAA-related science to society and seeks to find ways to determine how environmental and related sciences can be communicated and utilized more effectively to protect life and property, assist decision makers, and enhance economic development.

Applications are due June 13, 2016. Approximately $75 million is available to support one award.

LINKS: Grants.gov

Rhizosphere Observations Optimizing Terrestrial Sequestration (ROOTS)

Department of Energy (Energy), Advanced Research Projects Agency Energy

Notice seeking applications to increase the precision and throughput of crop breeding for improved root-soil biogeochemical function. ROOTS seeks to develop novel, non-destructive, field deployable technologies to: measure root functional properties; measure soil functional properties; and advance predictive and extensible models that accelerate cultivar selection and development. These technologies—especially integrated systems—could greatly increase the speed and efficacy of discovery, field translation, and deployment of improved crops and production systems that significantly improve soil carbon accumulation and storage, decrease N2O emissions, and improve water efficiency. The aspiration of the ROOTS program is to develop crops that enable a 50% increase in carbon deposition depth and accumulation, a 50% decrease in fertilizer N2O emissions, and a 25% increase in water productivity.

Concept papers are required and due May 26, 2016. Approximately $30 million is available to support up to 12 awards.

LINKS: Solicitation, Grants.gov
ROSES 2016: Exobiology

National Aeronautics and Space Administration (NASA)

Notice seeking applications to understand the origin, evolution, distribution, and future of life in the Universe. Research is centered on the origin and early evolution of life, the potential of life to adapt to different environments, and the implications for life elsewhere. This research is conducted in the context of NASA’s ongoing exploration of our stellar neighborhood and the identification of biosignatures for in situ and remote sensing applications.

Step-1 applications are due May 20, 2016. Step-2 applications are due. Approximately $3 million is available to support up to 20 awards.

LINKS: Solicitation, Grants.gov

ROSES 2016: Heliophysics Data Environment Enhancements

National Aeronautics and Space Administration (NASA)

Notice seeking applications to enable breakthrough research in Heliophysics by providing both a state of the art data environment necessary to maximize the scientific return of the NASA missions.

Step-1 applications are due May 20, 2016. Step-2 applications are due July 22, 2016. Approximately $1 million is available to support one award.

LINKS: Solicitation, Grants.gov

ROSES 2016: Heliophysics Technology and Instrument Development for Science

National Aeronautics and Space Administration (NASA)

Notice seeking applications to understand the Sun and its interactions with Earth and the solar system, including space weather.

Step-1 applications are due June 10, 2016. Step-2 applications are due July 21, 2016. Approximately $5 million is available to support up to 12 awards.

LINKS: Solicitation, Grants.gov

Theoretical Research in Magnetic Fusion Energy Science

Department of Energy (Energy), Office of Science; Office of Fusion Energy Sciences

Notice seeking applications to focus on advancing the scientific understanding of the fundamental physical processes governing the behavior of magnetically confined plasmas.

Letters of intent are required by May 13, 2016. Applications are due June 17, 2016. Approximately $6 million is available.

LINKS: Grants.gov