

UNO FOCUS:**LaSPACE****NASA CO₂ Conversion Challenge**

In accordance with the NASA Prize Authority, the NASA Centennial Challenges program has released Phase 1 of the CO₂ Conversion Challenge. Interested teams that wish to compete may now register on the official Challenge site at www.co2conversionchallenge.org.

NASA Centennial Challenges is a program of prize competitions to stimulate innovation in technologies of interest and value to NASA and the nation. NASA is providing the prize purse, and NASA Centennial Challenges will be managing the Challenge with support from Common Pool. The CO₂ Conversion Challenge is devoted to fostering the development of CO₂ conversion systems that can effectively produce singular or multiple molecular compounds identified as desired microbial manufacturing ingredients and/or that provide a significant advancement of physicochemical CO₂ conversion for the production of useful molecules. NASA envisions this competition having two phases with a total prize purse of up to \$1 million. Phase 1 (the current phase) is the Concept Phase with a prize purse of up to \$250,000 to demonstrate capabilities to develop technologies to manufacture “food” for microbial bioreactors from CO₂ and hydrogen molecules, with the ultimate goal of producing glucose. The initiation of Phase 2, a Demonstration Challenge with a prize purse of up to \$750,000, is contingent on the emergence of promising submissions in Phase 1 that demonstrate a viable approach to achieve the Challenge goals. The official rules for Phase 2 will be released prior to the opening of Phase 2.

Official documentation related to this Challenge can be found at www.co2conversionchallenge.org.

Interested teams should submit their registration by 5:00pm Central Time on January 24, 2019. Submissions must be received by 5:00pm Central Time on February 28, 2019.

ARTS, HUMANITIES AND INTERNATIONAL**Haiti Travel and Logistics Program for Training Support**

Bureau of International Narcotics and Law Enforcement Affairs (INL), Department of State (State)

Notice seeking applications to support efforts to build the capacity of Haitian law enforcement personnel through training, technical assistance, and mentoring, among other activities. Funds support the travel of host-nation personnel to attend trainings in other countries and in other parts of Haiti, furthering sharing of best practices.

Applications are due by November 13, 2018. Approximately \$800,000 is available to support one award.

LINKS:

Grants.gov

Secure and Sustainable Human Rights Documentation Solutions

Department of State (State), Bureau of Democracy Human Rights and Labor (DRL)

Notice seeking applications for projects that support the research, development, and implementation of secure human rights (HR) documentation solutions.

Applications are due December 7, 2018. Approximately \$1 million is available to support one awards.

LINKS:

Grants.gov

EDUCATION and ECONOMIC AND COMMUNITY DEVELOPMENT

Desalination and Water Purification Research Program for Fiscal Year 2019
Department of the Interior (Interior), Bureau of Reclamation

Notice seeking applications to develop more innovative, cost-effective, and technologically efficient ways to desalinate or treat water.

Applications are due December 13, 2018. Approximately \$1 million is available.

LINKS:

[Grants.gov](#)

FY18 Positive Train Control (PTC) Systems Grants under the Consolidated Rail Infrastructure and Safety Improvements Program

U.S. Department of Transportation (DOT), Federal Railroad Administration (FRA)

Notice seeking applications to fund the deployment of PTC system technology for Intercity Passenger Rail Transportation, freight rail transportation and/or Commuter Rail Passenger Transportation.

Applications are due October 12, 2018. Approximately \$46.3 million is available to support multiple awards. University transportation centers engaged in rail-related research are eligible. Cost share of 20 percent is required.

LINKS:

[Grants.gov](#), [Solicitation](#)

Self-Help Homeownership Opportunity Program (SHOP)

Department of Housing and Urban Development (HUD), Community Planning and Development (CPD)

Notice seeking applications to purchase home sites and develop or improve the infrastructure needed to set the stage for sweat equity and volunteer-based homeownership programs for low-income persons and families.

Applications are due November 12, 2018. Up to \$10 million is available to support four awards. Non-profit organizations are eligible.

LINKS:

[Grants.gov](#)

Credit Union Advisory Council Meeting

Consumer Financial Protection Bureau (CFPB)

Notice announcing a meeting of the Credit Union Advisory Council to discuss policy issues related to financial technology.

The meeting will be held September 27, 2018 from 9:30 a.m. to 4:00 p.m. ET at the Bureau of Consumer Financial Protection, 1700 G Street NW, Washington, DC.

LINKS:

[Federal Register](#), [Agency Site](#)

Weekly Funding Opportunities September 17, 2018

Competitive Cooperative Agreement Solicitation Combating Opioid Overdose through Community-Level Intervention

(EOP) (Executive Office of the President), Office of National Drug Control Policy (ONDCP)

Notice seeking applications to conduct research activities that entail implementing and evaluating community-based efforts to fight the opioid overdose epidemic. These activities will be focused on the regions of the United States with some of the highest rates of fatal and non-fatal opioid-related overdoses and will work to coordinate the often decentralized state and local efforts to assess and respond to opioid-related overdoses.

Applications are due September 21, 2018. Approximately \$3.5 million is available to support one award for 12 months.

LINKS:

[Grants.gov](https://www.grants.gov)

HEALTH and MENTAL HEALTH

Cancer Prevention Clinical Trials Network (CP-CTNet): CP-CTNet Sites (UG1 Clinical Trial Required) National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

Notice seeking applications to provide scientific leadership in development and conduct of early phase cancer prevention clinical trials as well as in the management and analysis of the data.

Optional letters of intent are due October 15, 2018. Applications are due November 15, 2018. Approximately \$5 million is available to support up to five awards in FY 2019.

Limited Submission:

Each applicant organization may submit only one application

LINKS:

[Grants.gov](https://www.grants.gov), [Solicitation](#)

Cancer Prevention Clinical Trials Network (CP-CTNet): Data Management, Auditing, and Coordinating Center (DMACC) (U24 Clinical Trials Required)

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

Notice seeking applications to provide scientific leadership in development and conduct of early phase cancer prevention clinical trials as well as in the management and analysis of the data. The DMACC will support the CP-CTNet Sites and coordinate trans-Network activities with the following specific responsibilities : (i) centralized data management and data reporting, (ii) clinical trials auditing, and (iii) administrative and logistical coordination across CP-CTNet.

Requested letter of intent are due October 15, 2018. Applications are due November 15, 2018. Approximately \$2 million is available to support one award in FY 2019.

Limited Submission:

Each applicant organization may submit only one application

LINKS:

[Grants.gov](https://www.grants.gov), [Solicitation](#)

Combination Prevention Solutions to Reach Epidemic Control among High Risk, Priority Populations in High Burden Areas in the Republic of South Africa under the President's Emergency Plan for AIDS Relief (PEPFAR)

Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS)

Notice seeking applications to support the "She Conquers" Adolescent Girls and Young Women campaign to implementing comprehensive, expanded, integrated, and sustainable HIV and TB/HIV prevention, care, and treatment programs in 27 priority high burden districts throughout South Africa.

Applications are due November 14, 2018. Approximately \$20 million is available for three awards to support projects lasting up to five years.

LINKS:

[Grants.gov](https://www.grants.gov)

E-Learning Collaborative for Sexual Violence and Intimate Partner Violence Prevention

Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS), National Center for Injury Prevention and Control (NCIPC)

Notice supporting application for a peer learning platform that may use multiple communication channels, including interactive web conferences, podcasts, interactive listserv, and social media to build and strengthen violence prevention systems and prevention practitioners nationally. Funds support efforts to provide guidance and information on how to utilize the best available evidence to select, implement and evaluate efforts to decrease Sexual violence (SV) and intimate partner violence (IPV). Three quarters of funded activities will be specifically tailored for CDC program recipients and one quarter will be general guidance and information for the broader national SV/IPV prevention field, will include web-based trainings, peer learning forums, and web conferences with a goal to increase knowledge, skill and capacity to prevent SV and IPV.

Applications are due November 15, 2018. Approximately \$1.5 million is available to support one award.

LINKS:

[Grants.gov](https://www.grants.gov)

Medical Experiential Learning Database - Call for Whitepapers

Army (Army), Department of Defense (Defense), Army Contracting Command

Notice supporting technical proposals to develop and demonstrate personalized learning capabilities for medical simulation and training. The system should be capable of aggregating learning experience data from virtual simulations, part-task trainers, medical mannequins, mobile applications, and classroom assessments using the xAPI standard.

Applications are due October 15, 2018. Approximately \$5 million is available to support multiple awards.

LINKS:

[FBO](https://www.fbo.gov)

NIH Blueprint Program for Enhancing Neuroscience Diversity through Undergraduate Research Education Experiences (R25)

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

Notice seeking applications to support efforts to provide institutional awards to develop neuroscience research education programs comprised of collaborative partnerships integrated across different educational

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institution types in order to prepare undergraduate students from diverse backgrounds, including those from groups underrepresented in biomedical and behavioral sciences to enter Ph.D. degree programs in the neurosciences.

Optional letters of intent are due January 15, 2018. Applications are due February 15, 2018. Approximately \$3 million is available to support 6 to 10 awards.

Limited Submission:

Only one application per institution is allowed

LINKS:

[Grants.gov](#), [Solicitation](#)

Screening and Management of Unhealthy Alcohol Use in Primary Care: Dissemination and Implementation of PCOR Evidence (R18)

Agency for Healthcare Research and Quality (AHRQ), Department of Health and Human Services (HHS)

Notice seeking applications to support efforts to disseminate patient-centered outcomes research (PCOR) findings directly to primary care practices and support practices in implementing PCOR clinical and organizational findings. Applicants must propose a comprehensive plan that uses evidence-based strategies designed to improve the delivery of patient-centered approaches to identifying and managing unhealthy alcohol use among adults, including screening and brief intervention and medication assisted therapy.

Optional letters of intent are due 30 days before the due date. Applications are due January 4, 2019. Approximately \$13.5 million is available to support six awards.

LINKS:

[Grants.gov](#), [Solicitation](#)

Advisory Board on Radiation and Worker Health (ABRWH or the Advisory Board), National Institute for Occupational Safety and Health (NIOSH)

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 Advisory Board on Radiation and Worker Health to discuss work group and subcommittee reports, the status of SEC petitions, Plans for the December 2018 Advisory Board Meeting, and advisory board correspondence.

The meeting will be held October 17, 2018, 11:00 a.m. to 1:00 p.m. EDT. Call the audio conference line: 1-866-659-0537. Enter the passcode: 9933701.

LINKS:

[Federal Register](#)

Joint Public Meeting on the Use of Cell Culture Technology To Develop Products Derived From Livestock and Poultry

Food and Drug Administration (FDA), Department of Health and Human Services (HHS), United States Department of Agriculture (USDA)

Notice announcing a meeting to discuss the potential hazards, oversight considerations, and labeling of cell cultured food products derived from livestock and poultry tissue.

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The public meeting will be held Tuesday, October 23, 2018 from 8:30 a.m. to 4:00 p.m., and Wednesday, October 24, 2018, from 8:30 a.m. to 3:00 p.m. ET at the Jefferson Auditorium in the South Building, U.S. Department of Agriculture (USDA), 1400 Independence Avenue SW, Washington, DC.

LINKS:

[Federal Register](#), [Agency Site](#), [Agency Site](#)

Meeting of the Advisory Committee on Minority Health

Department of Health and Human Services (HHS), Office of Minority Health (OMH)

Notice announcing a meeting of the Advisory Committee on Minority Health to discuss finalizing recommendations regarding innovative systems of care, barriers to effective data collection, primary prevention related serious mental illness, and the framework and speakers for the following disparities-themed report that will include recommendations.

The conference call will be held October 16, 2018, 1 p.m. to 3 p.m. ET. Pre-registration is required. Participants must email meeting contact by October 11, 2018: OMH-ACMH@hhs.gov

LINKS:

[Federal Register](#)

Science Board to the Food and Drug Administration Advisory Committee; Notice of Meeting

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

Notice announcing a meeting of the Science Board to the Food and Drug Administration to provide advice on specific, complex scientific and technical issues important to FDA and its mission, including emerging issues within the scientific community. Agenda items include: hear a response from the Center for Veterinary Medicine (CVM) to the recommendations made by the Science Board's 2017 review of CVM's National Antibiotic Resistance Monitoring System program; and discussion of potential hazards and nutritional considerations in the production of food derived from animal cell culture technologies.

The meeting will be held October 22, 2018, from 8:30 a.m. to 4:30 p.m. ET at FDA White Oak Campus, 10903 New Hampshire Ave., Bldg. 31 Conference Center, the Great Room (Rm. 1503, section A), Silver Spring, MD

LINKS:

[Federal Register](#), [Agency Site](#)

Request for Nominations on the Tobacco Products Scientific Advisory Committee

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

Notice requesting nominations for members to serve on the Tobacco Products Scientific Advisory Committee, Office of Science, Center for Tobacco Products. The Committee reviews and evaluates safety, dependence, and health issues relating to tobacco products and provides appropriate advice, information, and recommendations. Applicants must be knowledgeable in the fields of medicine, medical ethics, science, or technology involving the manufacture, evaluation, or use of tobacco products.

Nominations are due by November 13, 2018.

LINKS:

[Federal Register](#), [Agency Site](#)

Solicitation of Nominations for Appointment to the Board of Scientific Counselors Office of Public Health Preparedness and Response

Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS)

Notice announcing the Centers for Disease Control and Prevention is seeking nominations for membership on the Board of Scientific Counselors Office of Public Health Preparedness and Response (OPHPR BSC). Eleven vacant seats are available for professionals in fields associated with business, crisis leadership, emergency response and management, engineering, epidemiology, health policy and management, informatics, laboratory science, medicine, mental and behavioral health, public health law, public health practice, risk communication and social science.

Nominations must be received no later than October 15, 2018. Email nominations to the OPHPR BSC Coordinator: OPHPR.BSC.Questions@cdc.gov

LINKS:

[Federal Register](#)

AIDS-Science Track Award for Research Transition (R03 Clinical Trial Optional)

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

Notice seeking applications to support research projects on drug misuse and/or use disorder and HIV/AIDS that can be carried out in a short period of time with limited resources. This FOA welcomes applications integrating drug misuse and/or use disorder and HIV/AIDS across all areas of research supported by NIDA.

Applications are due annually on May 7, September 7, and January 7. Program expires September 8, 2021.

LINKS:

[Grants.gov](#), [Solicitation](#)

Ancillary Studies to the NIDDK Inflammatory Bowel Disease Genetics Consortium (R01- Clinical Trial Optional)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)

Notice seeking applications to expand the number of genes and range of IBD-related phenotypes and physiological domains under study by means of collaborations of the IBDGC with investigators with expertise complementary to that of their own members. Proposed studies must not duplicate studies either ongoing or already completed by the IBDGC.

Requested letters of intent are due January 21, 2019. Applications are due February 21, 2019. Approximately \$1 million is available to support up to three awards.

Limited Submission:

Only one application per institution is allowed.

LINKS:

[Grants.gov](#), [Solicitation](#)

Capacity Building Assistance (CBA) for High Impact HIV Prevention Program Integration

Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS)

Weekly Funding Opportunities September 17, 2018

Notice seeking applications to supports a CBA Provider Network (CPN) to implement the following four program components: 1) national training; 2) regional TA; 3) continuous quality improvement and sustainability for CBOs; and 4) marketing and administrative support for the CPN.

Recommended letters of intent are due October 12, 2018. Applications are due November 12, 2018. Approximately \$24 million is available to support 16 awards.

Limited Submission:

Applicants are permitted to submit only one application for one component.

LINKS:

[Grants.gov](https://www.grants.gov)

Clinical Site and Study Monitoring for Research Partnerships for Global Mental Health
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Drug Abuse (NIDA)

Notice seeking applications for comprehensive clinical site and study monitoring services for a set of global mental health projects funded by the National institute of Mental Health and designed to increase the research base on scaling up the delivery of evidence-based mental health care in low- and middle-income countries, and to stimulate research partnerships that will conduct implementation research on closing health services gaps through expanded efforts to prevent, preempt, treat, manage, and otherwise minimize disability due to mental and substance use disorders.

Applications are due September 20, 2018 at 2:00 p.m. ET. A maximum of \$1.5 million per year is available to fund multiple awards for five years each.

LINKS:

[FBO](https://www.fbo.gov)

Clinician-Scientists Transdisciplinary Aging Research (Clin-STAR) Coordinating Center: Synergizing Career Development toward Improved Care of Older Adults across Specialties and Disciplines (U24 - Clinical Trial Optional)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Aging (NIA)

Notice seeking application to support efforts to convey scientific and research knowledge on aging research; foster networking and collaboration between clinician-scientist leaders in aging research and clinician-investigators across specialties who wish to focus on aging research; provide mentoring and career development support for emerging clinician-scientists committed to pursuing aging research in their clinical specialty or discipline; and advance transdisciplinary research projects in aging. Projects should provide a multi-faceted national research platform leading to improved patient-centered care for older adults across specialties and disciplines.

Optional letters of intent are due January 4, 2019. Applications are due February 4, 2019. Approximately \$1 million is available to support one award.

LINKS:

[Grants.gov](https://www.grants.gov), [Solicitation](#)

Communication and Decision Making for Individuals with Inherited Cancer Syndromes (U01 Clinical Trial Optional)

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

Weekly Funding Opportunities September 17, 2018

Notice seeking applications to develop, test, and evaluate interventions and implementation approaches, or adapt existing approaches, to improve patient/provider/family risk communication and decision making for individuals and families with an inherited susceptibility to cancer.

Requested letters of intent are due 30 days prior to the application due date. Applications are due January 9, 2019. Approximately \$5 million is available to support up to five awards in FY 2019.

LINKS:

[Grants.gov](#), [Solicitation](#)

Developing the Therapeutic Potential of the Endocannabinoid System for Pain Treatment (R01 - Clinical Trial Optional)

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

Notice seeking applications to support projects that will elucidate the therapeutic potential of the cannabinoids and endocannabinoid system in the development of mechanism-based therapies for pain.

Applications are due annually on February 5, June 5, and October 5. Program expires September 8, 2021. The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications.

LINKS:

[Grants.gov](#), [Solicitation](#)

Fusion Oncoproteins in Childhood Cancers (FusOnC2) Consortium (U54 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

Notice supporting applications for efforts to establish a consortium of collaborating research teams to advance our understanding of the biology and mechanisms of action of fusion oncoproteins in pediatric cancers, and to apply this knowledge towards developing targeted therapeutic approaches. Increased attention to this important but understudied field can help overcome existing barriers to progress and pave the way to novel therapeutic approaches with increased efficacy and fewer side effects for patients than current options. Funds support consortiums of three to four related research projects that are focused on a specific fusion oncoprotein. Each consortium award should include three to four related research projects that are focused on a specific fusion oncoprotein.

Optional letters of intent are due November 7, 2018. Applications are due December 7, 2018.

Approximately \$7 million is available to support up to three awards.

LINKS:

[Grants.gov](#), [Solicitation](#)

HIV Prevention, Care, and Treatment Support for Church-related Hospitals and Clinics in the Republic of Zimbabwe under the President's Emergency Plan for AIDS Relief (PEPFAR)

Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS), Center for Global Health (CGH)

Notice seeking applications to fund a recipient who will provide direct support and technical assistance to church related hospitals to accelerate the cascade of HIV service delivery, increase cervical cancer screening and treatment of precancerous cervical lesions, and improve data quality.

Weekly Funding Opportunities September 17, 2018

Applications are due November 13, 2018. Approximately \$1.98 million is available to support one award for five years.

LINKS:

[Grants.gov](https://www.grants.gov)

HIV/AIDS High Priority Drug Abuse Research (R01 Clinical Trial Optional)

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

Notice seeking applications to stimulate high priority research relevant to drug misuse and HIV/AIDS.

Applications are due annually on May 7, September 7, and January 7. Program expires September 8, 2021. Approximately \$2 million is available to support four awards.

LINKS:

[Grants.gov](https://www.grants.gov), [Solicitation](#)

Imaging - Science Track Award for Research Transition (I/START) (R03 Clinical Trial Optional)

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

Notice seeking applications to facilitate the entry of investigators to the area of neuroimaging, including both new investigators and established investigators seeking to adopt neuroimaging methodologies in their research programs, to enable the conduct of small "proof of concept" studies.

Applications are due annually on February 16, June 16, and October 16. Program expires September 8, 2021.

LINKS:

[Grants.gov](https://www.grants.gov), [Solicitation](#)

NCCIH Supplements to NCATS CTSA Programs for Scholars Pursuing Complementary Health Research Career Development (Admin Supp Clinical Trial Optional)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Center for Complementary and Integrative Health (NCCIH)

Notice seeking applications for administrative supplements to develop a pipeline of qualified clinician-scientist investigators with complementary and integrative health degrees conducting clinical and/or translational research on complementary interventions for NCCIH high-priority research topics.

Applications are due December 1, 2018. Approximately \$660,000 is available to support four awards.

LINKS:

[Grants.gov](https://www.grants.gov), [Solicitation](#)

Quantitative Imaging Tools and Methods for Cancer Response Assessment (R01 Clinical Trial Optional)

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

Notice seeking applications to provide a mechanism of support to research organizations interested in clinically translating already optimized quantitative imaging software tools capable of measuring or predicting the response of cancer to clinical therapies, or in translating imaging software tools for planning and validating radiation therapy treatment strategies in clinical trials.

Weekly Funding Opportunities September 17, 2018

Requested letters of intent are due 30 days prior to the application due date. Applications are due annually on February 5, June 5, and October 5. Program expires May 8, 2020.

LINKS:

[Grants.gov](#), [Solicitation](#)

Evidence-Based Treatment Decision in Transplantation: Patient Individualized Treatment; Choosing the Right Regimen for the Right Patient; Public Workshop; Request for Comments

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

Notice announcing a public workshop to discuss potential candidate biomarkers to determine organ transplant patients' immunologic risk for organ rejection or tolerance. The public workshop will include discussion of the biomarker qualification process and how it could be used to develop biomarkers for use in clinical trials in transplantation, to develop new drugs to address unmet needs, and in clinical practice to guide patient treatment selection. Speakers will be patients who will provide perspective on the challenges of living with a transplant, managing immunosuppression and perspectives on tolerability, adherence, and risk that may inform patient-reported outcome and patient-focused drug development.

The workshop will be held September 27, 2018 from 8:30 a.m. to 6:00 p.m. and September 28 from 8:00 a.m. to 12:30 p.m. ET at the FDA White Oak Campus, 10903 New Hampshire Ave., Bldg. 31 Conference Center, the Great Room (Rm. 1503, sections B and C), Silver Spring, MD.

LINKS:

[Federal Register](#)

Identifying the Root Causes of Drug Shortages and Finding Enduring Solutions; Public Meeting; Request for Comments

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

Notice announcing a meeting entitled "Identifying the Root Causes of Drug Shortages and Finding Enduring Solutions." The purpose of the meeting is to give stakeholders, including health care providers, patients, manufacturers, wholesalers, pharmacists, pharmacy benefit managers, veterinarians, public and private insurers, academic researchers, and the public, the opportunity to provide input on the underlying systemic causes of drug shortages, and make recommendations for actions to prevent or mitigate drug shortages.

The public meeting will be held on November 27, 2018, from 8:30 a.m. to 4:30 p.m. at the Washington Marriott at Metro Center, 775 12th St. NW, Washington, DC 20005. The hotel's phone number is 202-737-2200.

LINKS:

[Federal Register](#)

National Eye Institute; Notice of Meeting

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

Notice announcing a meeting of the National Advisory Eye Council for opening remarks by the NEI Director and presentations by the staff of the Institute and discussions concerning Institute programs.

Weekly Funding Opportunities September 17, 2018

The meeting will be held October 12, 2018 from 8:30 a.m. to 12:00 p.m. ET at the National Eye Institute, 6700B Rockledge Drive, First Floor Conference Rooms, Bethesda, MD

LINKS:

[Federal Register](#), [Agency Site](#)

Oncologic Drugs Advisory Committee; Notice of Meeting; Establishment of a Public Docket; Request for Comments

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

Notice announcing a meeting of the Oncologic Drugs Advisory Committee to discuss biologics license application 761088 for CT-P10, a proposed biosimilar to Genentech, Inc.'s RITUXAN (rituximab), submitted by Celltrion, Inc. Public comments are being sought.

Comments are due October 1, 2018. The meeting will be held on October 10, 2018 from 8:00 a.m. to 1:00 p.m. ET at 10903 New Hampshire Ave., Bldg. 31 Conference Center, the Great Room (Rm. 1503), Silver Spring, MD.

LINKS:

[Federal Register](#), [Agency Site](#)

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Competition for a Cooperative Institute for the North Atlantic Region
Department of Commerce (Commerce)

Notice seeking applications to link basin-scale climate observations to ecosystem-scale monitoring, assessments, and decision making to ultimately expand and improve how the collection, delivery, and usage of ocean information applies to the study of climate change.

Applications are due November 5, 2018. Approximately up to \$12 million is available for one award to support a project lasting up to five years.

LINKS:

[Grants.gov](#)

Formal Methods in the Field

Directorate for Computer & Information Science & Engineering (CISE), National Science Foundation (NSF)

Notice seeking proposals to support efforts to bring together researchers in formal methods with researchers in other areas of computer and information science and engineering to jointly develop rigorous and reproducible methodologies for designing and implementing correct-by-construction systems and applications with provable guarantees. Funds support close collaboration between researchers in formal methods, and researchers in the "field" in the following areas: computer networks, cyber-human systems, distributed/operating systems, hybrid/dynamical systems, and machine learning. Funds support two tracks: Research proposals; and Transition to Practice proposals.

Weekly Funding Opportunities September 17, 2018

Applications are due by January 15, 2019. Approximately \$10 million is available to support up to 22 awards between the two tracks.

LINKS:

[Grants.gov](#), [Solicitation](#)

Hypersonic Turbulence Models Research
Department of Defense (Defense), Air Force Academy

Notice seeking white papers to support efforts to improve computational simulation approaches including numerical methods, modeling approaches, and simulation of a variety of aerothermodynamic and propulsion aspects of hypersonic flight. Specific science and technology areas include turbulence, boundary layer transition, fluid-structure-thermal interactions, non-equilibrium chemistry, ablation, and combustion.

Required white papers are due October 15, 2018 by 4:30 p.m. MT. Approximately \$2.4 million is available to support multiple awards.

LINKS:

[Grants.gov](#)

Information Innovation Office (I2O) Office-wide
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense), Information Innovation Office (IIO)

Notice seeking applications to support revolutionary research ideas for topics not being addressed by ongoing Information Innovation Office programs or other published solicitations. Funds support projects in three thrust areas: Symbiosis; Analytics; and Cyber.

Optional abstracts are due July 18, 2018. Applications are due August 30, 2018. Multiple awards are anticipated.

LINKS:

[FBO](#), [Solicitation](#)

Advisory Committee for Geosciences; Notice of Meeting

National Science Foundation (NSF)

Notice announcing a meeting of the Advisory Committee for Geosciences to provide advice, recommendations, and oversight on support for geoscience research and education including atmospheric, geo-space, earth, ocean and polar sciences.

The meeting will be held October 17, 2018 from 8:30 a.m.-5:00 p.m. ET and October 18, 2018 from 8:30 a.m. to 2:00 p.m. ET at the National Science Foundation, 2415 Eisenhower Avenue, Room 2030, Alexandria, VA.

LINKS:

[Federal Register](#)

Committee on Equal Opportunities in Science and Engineering; Notice of Meeting

National Science Foundation (NSF)

Weekly Funding Opportunities September 17, 2018

Notice announcing a meeting of the Committee on Equal Opportunities in Science and Engineering to study data, programs, policies, and other information pertinent to the National Science Foundation and to provide advice and recommendations concerning broadening participation in science and engineering.

The meetings will be held on October 18, 2018 from 1:00 p.m. to 5:30 p.m. and October 19, 2018 from 8:30 a.m. to 3:30 p.m. ET at the National Science Foundation, 2415 Eisenhower Avenue, Alexandria, VA.

LINKS:

[Federal Register](#)

Earth Science Advisory Committee; Meeting

National Aeronautics and Space Administration (NASA)

Notice announcing a meeting of the Earth Science Advisory Committee to discuss the Earth Science program annual performance review according to the Government Performance and Results Act Modernization Act.

The meeting will be held October 4, 2018 from 3:30 p.m. to 4:30 p.m. ET. Call 888-577-8996. Dial the passcode: 2196080.

LINKS:

[Federal Register](#)

Experts to Consider for ad hoc Participation and Possible Membership on Toxic Substances Control Act, Science Advisory Committee on Chemicals

Environmental Protection Agency (EPA)

Notice seeking public nominations of scientific experts to be considered for ad hoc participation and possible membership on the Toxic Substances Control Act (TSCA) Science Advisory Committee on Chemicals (SACC). All nominees will be considered for ad hoc participation in the TSCA SACC's peer reviews of the EPA's risk evaluations for the first 10 chemical substances addressed under the TSCA. In addition, all nominees may be considered for TSCA SACC membership to fulfill short term needs when a vacancy occurs on the chartered Committee.

Nominations are due by October 29, 2018.

LINKS:

[Federal Register](#), [Solicitation](#)

Building Reliable Electronics to Achieve Kilovolt Effective Ratings Safely (BREAKERS)
Department of Energy (Energy), Advanced Research Projects Agency Energy (ARPA-E)

Notice seeking applications to support the development of medium voltage DC (MVDC) circuit breakers, and is agnostic to the type of circuit breaker design (e.g., MCB, SSCB, HCB, other types). Research efforts for DC circuit breakers can be loosely categorized into two groups: improvements to the normal operation branch of the HCB which consists of the load commutation switch and mechanical switch; and improvements to the main breaker, which could apply to a HCB, SSCB, or result in a new type of circuit breaker design.

Weekly Funding Opportunities September 17, 2018

Applications are due November 13, 2018. Questions are due November 2, 2018. Approximately \$15 million is available to support four to six awards for up to 36 months.

LINKS:

[Grants.gov](#), [Solicitation](#)

Fiscal Year 2019 Consolidated Innovative Nuclear Research
Department of Energy (Energy)

Notice seeking applications to conduct Program Supporting (PS), Mission Supporting (MS), and Nuclear Science User Facilities (NSUF)-supported nuclear energy-related research to help meet the objectives of the major NE-funded research programs.

Applications are due February 12, 2019. The number and amount of award varies between projects.

LINKS:

[Grants.gov](#)

FY 2019 NASA Established Program to Stimulate Cooperative Agreement Notice (CAN)
National Aeronautics and Space Administration (NASA)

Notice seeking applications to establish research activities that will make significant contributions to NASA's strategic research and technology development priorities and contribute to the overall research infrastructure, science and technology capabilities of higher education, and economic development of the jurisdiction receiving funding.

Notices of intent are due October 22, 2018. Proposals are due December 7, 2018. Colleges and universities from Alabama, Alaska, Arkansas, Delaware, Idaho, Guam, Hawaii, Kansas, Kentucky, Louisiana, Maine, Mississippi, Montana, Nebraska, Nevada, New Hampshire, North Dakota, Oklahoma, Puerto Rico, Rhode Island, South Carolina, South Dakota, US Virgin Islands, Vermont, West Virginia, and Wyoming.

LINKS:

[Grants.gov](#), [Solicitation](#)

National Estuarine Research Reserve System (NERRS) Collaborative Science Program 2019
National Oceanic and Atmospheric Administration (NOAA), Department of Commerce (Commerce)

Notice seeking proposals to provide support for the grantee to develop and administer a comprehensive national program that funds extramural collaborative science projects to address the system-wide research and management needs of the National Estuarine Research Reserve System, while being responsive to local and regional reserve priorities and those of NOAA. This funding opportunity is intended to support the administration of the collaborative research program and is not intended to directly support individual research projects or short term activities focused on specific local coastal and estuarine issues.

Recommended letters of intent are due October 10, 2018. Proposals are due December 3, 2018. Approximately \$20 million is available to support one award for five years.

LINKS:

[Grants.gov](#)

Scientific Infrastructure Support for Consolidated Innovative Nuclear Research
Department of Energy (Energy)

Weekly Funding Opportunities September 17, 2018

Notice seeking applications under the Infrastructure FOA in the following areas: 1) University Research Reactor Upgrades Infrastructure Support and 2) General Scientific Infrastructure (GSI) Support for Universities.

Applications are due November 15, 2018. Approximately \$5 million is available to support 30 awards.

Limited Submission:

Universities are permitted to submit one single application.

LINKS:

Grants.gov

Strategic and Spectrum Missions Advanced Resilient Trusted Systems (S2MARTS)

Navy (Navy), Department of Defense (Defense)

Notice seeking proposals from a consortium to provide innovative technological solutions to address current and future security threats in the electromagnetic spectrum, trusted microelectronics, and strategic missions' hardware environments.

Proposals are due October 15, 2018 at 11:00 a.m. ET.

LINKS:

[FBO](#)

2018 Air Force Global Strike Command Innovation Summit Series--Nuclear and Airfield Security Challenges and Concepts Workshop #1

Department of Defense (Defense)

Notice announcing the first in a series of Air Force Global Strike Command's two Nuclear and Airfield Security Workshops. This technology engagement is seeking senior-level technical participants from industry and academic research organizations. Industry includes both large and small businesses, and the academic community includes all government sponsored and public/private institutes of higher learning.

The meeting will be a two-day event at the Secret level from October 23-24, 2018 at the Cyber Innovation Center, Bossier City, LA, with an icebreaker hosted on the evening of 23 October.

LINKS:

[FBO](#)

Advisory Committee for Cyberinfrastructure; Notice of Meeting

National Science Foundation (NSF)

Notice announcing a meeting of the Advisory Committee for Cyberinfrastructure to provide updates on committee activities.

Weekly Funding Opportunities September 17, 2018

The meeting will be held October 2, 2018 from 10:00 a.m. to 6:00 p.m. and October 3 from 8:00 a.m. to 2:30 p.m. ET at the National Science Foundation, 2415 Eisenhower Avenue, Room E3430, Alexandria, VA.

LINKS:

[Federal Register](#), [Agency Site](#)

Advisory Committee for Environmental Research and Education Notice of Meeting

National Science Foundation (NSF)

Notice announcing a meeting of the Advisory Committee for Environmental Research and Education with the following agenda: approval of minutes from past meeting; updates on agency support for environmental research and activities; discussion with NSF Director and Assistant Directors; and plan for future advisory committee activities.

The meeting will be held October 24, 2018 from 9:00 a.m. to 5:30 p.m. and October 25 from 9:00 a.m. to 3:00 p.m. ET at the National Science Foundation, 2415 Eisenhower Avenue, Room E 2020, Alexandria, VA.

LINKS:

[Federal Register](#), [Agency Site](#)

Biological and Environmental Research Advisory Committee

Department of Energy (Energy)

Notice announcing a meeting of the Biological and Environmental Research Advisory Committee with the following agenda: News from the Office of Science; News from the Office of Biological and Environmental Research; News from the Biological Systems Science and Climate and Environmental Sciences Divisions; Workshop briefings; Subcommittee briefing; Science talks; New business; and Public comment.

The meeting will be held October 18, 2018 from 8:30 a.m. to 5:30 p.m. and October 19 from 8:30 a.m. to 12:30 p.m. ET at the Hilton Washington DC/Rockville Hotel & Meeting Center, 1750 Rockville Pike, Rockville, MD.

LINKS:

[Federal Register](#), [Agency Site](#)

Electricity Advisory Committee

Department of Energy (Energy)

Notice announcing a meeting of the Electricity Advisory Committee with the following agenda: panels or presentations on institutional perspectives on grid resilience; an update related to FERC; case studies in operations and scale relating to emerging technologies addressing megawatt-scale storage; and the grid modernization MYPP peer review. Additionally, the meeting is expected to include an update on the programs and initiatives of the DOE's Office of Electricity and an update on the activities of the Smart Grid Subcommittee and the Energy Storage Subcommittee.

The meeting will be held October 17, 2018 from 12:00 p.m. to 6:00 p.m. and October 18 from 8:00 a.m. to 12:15 p.m. ET at the National Rural Electric Cooperative Association, 4301 Wilson Blvd., Arlington, VA.

LINKS:

[Federal Register](#), [Agency Site](#)

State Energy Advisory Board; Teleconference

Weekly Funding Opportunities September 17, 2018

Department of Energy (Energy)

Notice announcing a teleconference of the State Energy Advisory Board to discuss logistics and recommendations to the Assistant Secretary for the Office of Energy Efficiency and Renewable Energy.

The teleconference will be held on September 20, 2018 from 3:00 p.m. to 4:00 p.m. ET.

LINKS:

[Federal Register](#)