Notices from January 07, 2019 to January 09, 2019

This publication synopsizes funding opportunities, rules and regulations, comment requests, and meetings information from Grants.gov, Federal Register, and Federal Business Opportunities for colleges and universities that are eligible to be lead applicants or serve as partners.

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**ARTS / HUMANITIES / INTERNATIONAL**

**FUNDING OPPORTUNITY:**
FY 2018 DRL Internet Freedom Annual Program Statement

**FON:**
SFOP0005428

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

**ITEM:**
Notice seeking statements of interests outlining program concepts to promote the goal of protecting the open, interoperable, secure, and reliable Internet by promoting fundamental freedoms, human rights, and the free flow of information online through integrated support to civil society for technology, digital safety, policy and advocacy, and applied research programs.

**ACTION:**
Applications are due March 11, 2019.

**LINKS:**

**CONTACT:**
Email: internetfreedom@state.gov (mailto:internetfreedom@state.gov)

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**FUNDING OPPORTUNITY:**
Secure and Sustainable Human Rights Documentation Solutions

**FON:**
SFOP0005258

**AGENCY:**
Department of State (State)

**ITEM:**
Notice seeking proposals to support the research, development, and implementation of secure human rights documentation solutions. Mechanism supports the development of secure communications tools and platforms, as well as digital safety training.

**ACTION:**
Applications are due March 11, 2019. Approximately $1 million is available for this award.
LINKS:

CONTACT:
Email: internetfreedom@state.gov (mailto:internetfreedom@state.gov)

HEALTH

FUNDING OPPORTUNITY:
Accelerating the Pace of Child Health Research Using Existing Data from the Adolescent Brain Cognitive Development (ABCD) Study (R01-Clinical Trial Not Allowed)

FON:
PAR-19-162

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

ITEM:
Notice seeking applications for collecting data on health and mental health, cognitive function, substance use, cultural and environmental factors, and brain structure and function from youth starting when they are 9-10 years-old and following them longitudinally to early adulthood. These data will be made available to the scientific community through the NIMH Data Archive.

ACTION:
Applications are due annually on February 5, June 5, and October 5. Program expires September 8, 2021.

LINKS:

CONTACT:
Contacts vary by institute.

FUNDING OPPORTUNITY:
Accelerating the Pace of Child Health Research Using Existing Data from the Adolescent Brain Cognitive Development (ABCD) Study (R21-Clinical Trial Not Allowed)

FON:
PAR-19-163

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

ITEM:
Notice seeking applications for collecting data on health and mental health, cognitive function, substance use, cultural and environmental factors, and brain structure and function from youth starting when they are 9-10 years-old and following them longitudinally to early adulthood.

ACTION:
Applications are due annually on February 16, June 16, and October 16. Program expires September 8, 2021.
FUNDING OPPORTUNITY:
Advanced Development and Validation of Emerging Biospecimen Science Technologies for Basic and Clinical Cancer Research (R33 Clinical Trials Not Allowed)

FON:
RFA-CA-19-022

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

ITEM:
Notice seeking applications proposing exploratory research projects focused on further development and validation of emerging technologies that improve the quality of the samples used for cancer research or clinical care. This includes new capabilities to address issues related to pre-analytical degradation of targeted analytes during the collection, processing, handling, and/or storage of cancer-relevant biospecimens.

ACTION:
Requested letters of intent are due 30 days prior to the application due date. Applications are due March 7, 2019; May 28, 2019; and September 27, 2019. Approximately $900,000 is available to support two awards.

LINKS:

CONTACT:
Tony Dickherber, 301-547-9980. Email: dickherberaj@mail.nih.gov (mailto:dickherberaj@mail.nih.gov)

FUNDING OPPORTUNITY:
Advanced Development and Validation of Emerging Molecular and Cellular Analysis Technologies for Basic and Clinical Cancer Research (R33 Clinical Trials Not Allowed)

FON:
RFA-CA-19-020

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

ITEM:
Notice seeking applications proposing exploratory research projects focused on further development and validation of emerging technologies offering novel capabilities for targeting, probing, or assessing molecular and cellular features of cancer biology for basic or clinical cancer research. This FOA solicits
R33 applications where major feasibility gaps for the technology or methodology have been overcome, as demonstrated with supportive preliminary data, but still requires further development and rigorous validation to encourage adoption by the research community.

**ACTION:** Requested letters of intent are due 30 days prior to the application due date. Applications are due March 7, 2019; May 28, 2019; and September 27, 2019. Approximately $4.3 million is available to support 10 awards.

**LINKS:**

**CONTACT:**
Tony Dickherber, 301-547-9980. Email: dickherberaj@mail.nih.gov (mailto:dickherberaj@mail.nih.gov)

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**FUNDING OPPORTUNITY:**
Bioengineering Research Grants (BRG) (R01 Clinical Trial Not Allowed AND Clinical Trial Required)

**FON:**
PAR-19-158; PAR-19-159

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

**ITEM:**
Notice seeking applications for collaborations between the life and physical sciences that: apply a multidisciplinary bioengineering approach to the solution of a biomedical problem; and integrate, optimize, validate, translate or otherwise accelerate the adoption of promising tools, methods and techniques for a specific research or clinical problem in basic, translational, or clinical science and practice. An application may propose design-directed, developmental, discovery-driven, or hypothesis-driven research and is appropriate for small teams applying an integrative approach to increase our understanding of and solve problems in biological, clinical or translational science. Mechanisms that allow and forbid clinical trials are available.

**ACTION:** Applications are due on a standard schedule of February 5, June 5, and October 5 until January 8, 2022. The first due date is February 5, 2019. Multiple awards are anticipated.

**LINKS:**

**CONTACT:**
Contacts vary by institute.

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**FUNDING OPPORTUNITY:**
Bioengineering Research Partnerships (U01 Clinical Trial Required)

**FON:**
PAR-19-157
AGENCY:
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Biomedical Imaging and Bioengineering (NIBIB)

ITEM:
Notice seeking proposals to accelerate the development and adoption of promising tools and technologies that can address important biomedical problems. The objectives are to establish these tools and technologies as robust, well-characterized solutions that fulfill an unmet need and are capable of enhancing our understanding of life science processes or the practice of medicine.

ACTION:
Applications are due on a standard schedule of February 5, June 5, and October 5 until January 8, 2022. The first due date is February 5, 2019. Multiple awards are anticipated.

LINKS:

CONTACT:
Contacts vary by institute.

FUNDING OPPORTUNITY:
Drug Discovery For Nervous System Disorders (R21 R01 Clinical Trial Not Allowed)

FON:
PAR-19-146; PAR-19-147

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

ITEM:
Notice seeking applications for the discovery of novel compounds for the prevention and treatment of nervous system disorders. Research priorities include: Identification, design, synthesis, and preclinical testing of compounds of candidate therapeutics; Initial hit-to-lead chemistry to improve activity of compounds against the target of interest; Later stage lead optimization to improve efficacy and pharmacokinetics; and Initial drug metabolism and pharmacokinetic. Both R21 and R01 mechanisms are available.

ACTION:
Applications are due on an annual schedule until 2022, beginning with February 16, 2019 for R21 grants and February 5, 2019 for R01 grants. Multiples awards are anticipated.

LINKS:

CONTACT:
Enrique Michelotti, 301-594-7576. Email: michelottiel@mail.nih.gov (mailto:michelottiel@mail.nih.gov)

FUNDING OPPORTUNITY:
End-of-Life and Palliative Needs of Adolescents and Young Adults (AYA) with Serious Illnesses (R21 Clinical Trial Optional)
FON:
PAR-19-153

AGENCY:
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Nursing Research (NINR); National Cancer Institute (NCI)

ITEM:
Notice seeking applications for research on the unique perspectives, needs, wishes, and decision-making processes of adolescents and young adults with serious, advanced illnesses; and research focused on specific end-of-life/palliative care models that support the physical, psychological, spiritual, and social needs of young adults with serious illness, their families and caregivers.

ACTION:
Applications are due on a standard schedule of February 16, June 16, and October 16 until January 8, 2022. The first deadline is February 16, 2019. Multiple awards are anticipated with a per-award ceiling of $275,000 for two years.

LINKS:

CONTACT:
Lynn Adams, 301-594-8911. Email: lynn.adams@nih.gov (mailto:lynn.adams@nih.gov)

FUNDING OPPORTUNITY:
Enhancing Linkage of STI and HIV Surveillance Data in the Ryan White HIV-AIDS Program (RWHAP)

FON:
HRSA-19-039

AGENCY:
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS), HIV/AIDS Bureau

ITEM:
Notice seeking applications to improve linkage, re-engagement in care, and health outcomes for people living with HIV (PLWH) in the RWHAP. HRSA will fund a Technical Assistance Provider (TAP) to identify jurisdictions (state, city, and/or local health departments) and provide programmatic technical assistance (TA) to enable them to create or improve data sharing across their sexually transmitted infection (STI) and HIV surveillance systems. The TAP will assess jurisdictional barriers to data sharing across STI and HIV surveillance departments and develop tools to address these barriers.

ACTION:
Optional letters of intent are due January 31, 2019. Applications are due April 8, 2019. Approximately $1.4 million is available to support one award.

LINKS:

CONTACT:
Adan Cajina, 301-443-3180. Email: ACajina@hrsa.gov (mailto:ACajina@hrsa.gov)
FUNDING OPPORTUNITY:
Exploratory Developmental Bioengineering Research Grants (EBRG) (R21 Clinical Trial Not Allowed AND Clinical Trial Optional)

FON:
PAR-19-149

AGENCY:
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI); National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS)

ITEM:
Notice seeking exploratory/developmental Bioengineering Research Grant applications to demonstrate feasibility and potential utility of new capabilities or improvements in quality, speed, efficacy, operability, costs, and/or accessibility of solutions to problems in basic biomedical, pre-clinical, or clinical research, clinical care delivery, or accessibility. Mechanisms are available for R21 Clinical Trials Not Allowed and R21 Clinical Trials Optional.

ACTION:
Applications are due on a standard schedule of February 16, June 16, and October 16 until January 8, 2022. The first due date is February 16, 2019. Multiple awards are anticipated with a per-award ceiling of $200,000 per year.

LINKS:

CONTACT:
Miguel Ossandon, 240-276-5712. Email: ossandom@mail.nih.gov

FUNDING OPPORTUNITY:
Innovative Biospecimen Science Technologies for Basic and Clinical Cancer Research (R21 Clinical Trials Not Allowed)

FON:
RFA-CA-19-021

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

ITEM:
Notice seeking exploratory research projects focused on the early-stage development of highly innovative technologies that improve the quality of the samples used for cancer research or clinical care. This includes new capabilities to address issues related to pre-analytical degradation of targeted analytes during the collection, processing, handling, and/or storage of cancer-relevant biospecimens.

ACTION:
Requested letters of intent are due 30 days prior to the application due date. Applications are due March 7, 2019; May 28, 2019; and September 27, 2019. Approximately $1 million is available to support four awards.
LINKS:

CONTACT:
Tony Dickherber, 301-547-9980. Email: dickherberaj@mail.nih.gov (mailto:dickherberaj@mail.nih.gov)

FUNDING OPPORTUNITY:
Innovative Molecular and Cellular Analysis Technologies for Basic and Clinical Cancer Research (R21 Clinical Trials Not Allowed)

FON:
RFA-CA-19-019

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

ITEM:
Notice seeking applications proposing exploratory research projects focused on the early-stage development of highly innovative technologies offering novel molecular or cellular analysis capabilities for basic or clinical cancer research. The emphasis of this FOA is on supporting the development of novel capabilities involving a high degree of technical innovation for targeting, probing, or assessing molecular and cellular features of cancer biology.

ACTION:
Requested letters of intent are due 30 days prior to the application due date. Applications are due March 7, 2019; May 28, 2019; and September 27, 2019. Approximately $4.2 million is available to support 17 awards.

LINKS:

CONTACT:
Tony Dickherber, 301-547-9980. Email: dickherberaj@mail.nih.gov (mailto:dickherberaj@mail.nih.gov)

FUNDING OPPORTUNITY:
NHLBI Clinical Trial Pilot Studies (R34 Clinical Trial Optional)

FON:
PAR-19-155

AGENCY:
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Heart, Lung, and Blood Institute (NHLBI)

ITEM:
Notice seeking applications for studies that are scientifically essential, yet also sufficient, for investigators to make definitive decisions that inform the final designs of important Phase II and beyond clinical trials with the primary intent of testing the efficacy, safety, clinical management, or implementation of intervention(s) in the prevention and treatment of heart, lung, blood, and sleep disorders.
disorders. This mechanism may be used to test the feasibility of novel and efficient (pragmatic) trial designs, as well as determine the feasibility of an intervention, intervention parameters, subject availability, or other information essential to complete the design of a trial.

ACTION:
Optional letters of intent are due thirty days before the application. Applications are due on an annual schedule of February 16, June 16, and October 16 until 2021. Multiple awards are anticipated. Awards have an annual ceiling of $225,000 and a total ceiling of $450,000 for a maximum of three years.

LINKS:

CONTACT:
Patrice Desvigne-Nickens, 301-435-0504. Email: desvignp@mail.nih.gov (mailto:desvignp@mail.nih.gov)

FUNDING OPPORTUNITY:
NIDCR Mentored Career Development Award to Promote Diversity in the Dental, Oral and Craniofacial Workforce (K01 Independent Clinical Trial Not Allowed AND Independent Basic Experimental Studies with Humans Required)

FON:
PAR-19-160; PAR-19-161

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

ITEM:
Notice seeking applications from postdoctoral fellows and early career faculty seeking a mentored experience in dental, oral and craniofacial research. Mechanism supports projects without independent clinical trials and projects that require independent basic experimental studies with humans.

ACTION:
Applications are due on a standard schedule of February 12, June 12, and October 12 until 2022. The first due date is February 12, 2019. Multiple awards are anticipated.

LINKS:

CONTACT:
Lynn Mertens King, 301-594-5006. Email: lynn.king@nih.gov (mailto:lynn.king@nih.gov)

FUNDING OPPORTUNITY:
NIDCR Small Research Grants for Oral Health Data Analysis and Statistical Methodology Development (R03 Clinical Trial Not Allowed)

FON:
PAR-19-145
AGENCY:
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

ITEM:
Notice seeking applications for research projects that involve secondary data analyses of existing oral or craniofacial database resources, or to develop needed statistical methodology for analyzing oral and craniofacial data using existing oral or craniofacial databases.

ACTION:
Applications are due on a standard schedule of February 16, June 16, and October 16 until January 8, 2022. The first deadline is February 16, 2019. Multiple awards are anticipated, with a per-award ceiling of $100,000 per year.

LINKS:

CONTACT:
Darien Weatherspoon, 301-594-5394. Email: darien.weatherspoon@nih.gov (mailto:darien.weatherspoon@nih.gov)

FUNDING OPPORTUNITY:
Nurse Education, Practice, Quality and Retention (NEPQR) – Veteran Nurses in Primary Care (VNPC) Training Program

FON:
HRSA-19-092

AGENCY:
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS), Bureau of Health Workforce

ITEM:
Notice seeking applications to increase access to care, with an emphasis on chronic disease prevention and control, including mental health and substance use disorders. The NEPQR-VNPC Training Program is an expansion of the NEPQR-RNPC investment specifically targeting undergraduate nursing students who are veterans and current primary care RNs.

ACTION:
Applications are due March 8, 2019. Approximately $4.5 million is available to support up to nine awards.

Limited Submission:
Multiple applications from an organization are not allowable.

LINKS:

CONTACT:
Marian Smithey, 301-443-3831. Email: MSmithey@hrsa.gov (mailto:MSmithey@hrsa.gov)
FUNDING OPPORTUNITY:
The Human Biomolecular Atlas Program (HuBMAP): Rapid Implementation of Technologies that Will Accelerate Development of a Framework for Mapping the Human Body at High Resolution (UH3 Clinical Trial Not Allowed)

FON:
RFA-RM-19-002

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

ITEM:
Notice seeking applications for projects that will rapidly and systematically implement promising technologies into the HuBMAP Consortium with the goal of accelerating development of a framework for mapping of the human body at high resolution.

ACTION:
Requested letters of intent are due 30 days prior to the application due date. Applications are due March 14, 2019. Approximately $3 million is available to support four to eight awards.

LINKS:

CONTACT:
Jerry Li, 240-276-6210. Email: hubmap@mail.nih.gov

FUNDING OPPORTUNITY:
Type 1 Diabetes TrialNet Clinical Network Hub (U01 Clinical Trial Not Allowed)

FON:
RFA-DK-18-008

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

ITEM:
Notice seeking applications to develop creative approaches to screening, recruitment, and trial implementation, and to increase the operational efficiency and flexibility of the TrialNet network.

ACTION:
Requested letters of intent are due February 21, 2019. Applications are due March 21, 2019. Approximately $1 million is available to support one award.

LINKS:

CONTACT:
LOI: John Connaughton, 301-594-7797. Email: NIDDKLetterofIntent@mail.nih.gov
Ellen Leschek, 301-402-8291.
Email: lescheke@extra.niddk.nih.gov (mailto:lescheke@extra.niddk.nih.gov)

SCIENCE / TECHNOLOGY / ENGINEERING / MATH

FUNDING OPPORTUNITY:
Early Career Research Program

FON:
DE-FOA-0002019

AGENCY:
Department of Energy (Energy), Office of Science

ITEM:
Notice seeking applications to support the development of individual research programs of outstanding scientists early in their careers and to stimulate research careers in the areas supported by SC. The following program areas are supported: Advanced Scientific Computing Research (ASCR); Biological and Environmental Research (BER); Basic Energy Sciences (BES), Fusion Energy Sciences (FES); High Energy Physics (HEP), and Nuclear Physics (NP).

ACTION:
Required pre-applications are due February 6, 2019. Applications are due April 29, 2019. Approximately $49 million is available to support up to 65 awards.

LINKS:

CONTACT:
Contacts vary by program area.

FUNDING OPPORTUNITY:
Subsurface Biogeochemical Research

FON:
DE-FOA-0002035

AGENCY:
Department of Energy (Energy), Office of Science

ITEM:
Notice seeking applications to advance a robust predictive understanding of how watersheds function as integrated hydro-biogeochemical systems and how these systems respond to perturbations caused by changes in water availability and quality, contaminant release, nutrient cycling, land-use, vegetation cover, and snowmelt timing.

ACTION:
Pre-applications are due February 14, 2019. Applications are due April 11, 2019. Approximately $3.6 million is available to support 6 to 12 awards.

LINKS:

CONTACT:
Paul Bayer, 301-903-5324. Email: Paul.bayer@science.doe.gov (mailto:Paul.bayer@science.doe.gov)

This information was compiled and edited by Ken McDonald with assistance from the GRC Staff.