

Funding Opportunity Announcements August 3, 2017

Health & Counseling Center

[Elizabeth Taylor AIDS Foundation Seeks Applications for HIV/AIDS Programs](#)

POSTED: July 20, 2017

DEADLINE: September 8, 2017

Funding Instrument Type: Grant

The Elizabeth Taylor AIDS Foundation was established by Elizabeth Taylor in 1991 to provide grants to existing organizations for domestic and international programs that offer direct care services to people living with HIV and AIDS. Since its inception, the foundation has concentrated on supporting marginalized communities and has grown to also fund innovative HIV education and advocacy programs. To date, ETAF has awarded grants to more than six hundred and seventy-five organizations in forty-four countries and forty-two states in the United States. One-year grants of up to \$25,000 will be awarded for domestic and international programs that offer direct care services to people living with HIV and AIDS. Online trainings, curriculum development, and website projects will be a secondary priority for funding considerations. To be eligible, applicant organizations must have at least three years' experience in delivering HIV/AIDS programs.

Humanities

[Doris Duke Foundation for Islamic Art Accepting LOIs for Building Bridges Program](#)

POSTED: July 20, 2017

DEADLINE: Letters of Interest must be received no later than September 8, 2017. Upon review, selected applicants will be invited to submit a full proposal by December 1, 2017.

Funding Instrument Type: Grant

The Doris Duke Foundation for Islamic Art is accepting Letters of Interest for its 2017-18 Building Bridges grants program. Grants of up to \$300,000 over one to three years will be awarded for the planning and implementation of programs or projects that engage U.S.-based Muslim and non-Muslim populations in arts- and culture-based experiences that advance inter-cultural relationships and understanding. Projects or programs should offer engaging, immersive, and interactive experiences that may be conducted in collaboration with other organizations and that are tailored to the needs and interests of the intended audience(s). Competitive projects may include but are not limited to the development of new programs informed by past experience of successful artistic programming, including international programming and the expansion of existing programs that advance Building Bridges Grants Program goals. Projects must take place within the United States.

[Graham Foundation Invites Applications From Individuals for Architecture-Related Projects](#)

POSTED: July 16, 2017

DEADLINE: Letters of Intent must be received no later than September 15, 2017. Upon review, selected applicants will be invited to submit a complete application.

Funding Instrument Type: Grant

The Graham Foundation is inviting grant applications from individuals for projects focused on architecture and the designed environment that also contribute to their creative, intellectual, and professional growth at a crucial or potentially transformative stage of their careers; supports their efforts to take a position, develop new forms of expression, and engage debate; and helps them communicate their work in the public realm and reach new and wider audiences. The foundation is most interested in opportunities that enable it to provide critical support at key points in the development of a project or career. The foundation offers two types of grants for individuals: 1) Production and Presentation Grants (to assist individuals with the production-related expenses necessary to take a project from conceptualization to realization and public presentation; these projects include but are not limited to publications, exhibitions, installations, films, and new media projects); and 2) Research and Development Grants (to assist individuals with seed money for research-related expenses such as travel, documentation, materials, supplies, and other development costs).

[National Park Service: African American Civil Rights \(AACR\) History Grants](#)

POSTED: August 1, 2017

DEADLINE: September 29, 2017

Funding Instrument Type: Grant

The National Park Service's (NPS) FY 2017 African American Civil Rights Grant Program (AACR) will document, interpret, and preserve the sites related to the African American struggle to gain equal rights as citizens in the 20th Century. The NPS 2008 report, "Civil Rights in America, A Framework for Identifying Significant Sites," will serve as the reference document in determining the appropriateness of proposed projects and properties. AACR Grants are funded by the Historic Preservation Fund (HPF), administered by the NPS. Grants will fund a broad range of planning and research projects for historic sites including: survey, inventory, documentation, interpretation, and education. Grants are awarded through a competitive process and do not require non-Federal match. ***There are separate funding announcements for physical preservation projects and for historical research/documentation projects. Funding announcement P17AS00577 is for historical research/documentation projects only.***

[National Park Service: African American Civil Rights \(AACR\) Preservation Grants](#)

POSTED: August 1, 2017

DEADLINE: September 29, 2017

Funding Instrument Type: Grant

The National Park Service's (NPS) FY 2017 African American Civil Rights Grant Program (AACR) will document, interpret, and preserve the sites related to the African American struggle to gain equal rights as citizens in the 20th Century. The NPS 2008 report, "Civil Rights in America, A Framework for Identifying Significant Sites," will serve as the reference document in determining the appropriateness of proposed projects and properties. AACR Grants are funded by the Historic Preservation Fund (HPF), administered by the NPS, and will fund a broad range of preservation projects for historic sites including: architectural services, historic structure reports, preservation plans, and physical preservation to structures. Grants are awarded through a

competitive process and do not require non-Federal match. ***There are separate funding announcements for physical preservation projects and for historical research/documentation projects. Funding announcement P17AS00578 is for physical projects only.***

[Kress Foundation Accepting Proposals for European Art Conservation Grants](#)

POSTED: July 17, 2017

DEADLINE: October 17, 2017

Funding Instrument Type: Grant

The Samuel H. Kress Foundation supports projects that illuminate European works of art and architecture from antiquity to the early 19th century. As part of that mission, the foundation's Conservation Grants Program provides support for the professional practice of art conservation. Grants are awarded to projects that create and disseminate specialized knowledge, including archival projects, development and dissemination of scholarly databases, documentation projects, exhibitions and publications focusing on art conservation, scholarly publications, and technical and scientific studies. Grants are also awarded for activities that permit conservators and conservation scientists to share their expertise with both professional colleagues and a broad audience through international exchanges, professional meetings, conferences, symposia, consultations, the presentation of research, exhibitions that include a prominent focus on materials and techniques, and other professional events.

[Japan Foundation Accepting Proposals for Performing Arts Projects, Collaborations](#)

POSTED: July 17, 2017

DEADLINE: October 31, 2017

Funding Instrument Type: Grant

The Japan Foundation was established in 1972 to promote international cultural exchange and mutual understanding between Japan and other countries. To that end, the foundation is accepting proposals for touring and collaborative projects through its Performing Arts Japan program. The annual program is designed to help increase access to Japanese performing arts in the United States and Canada, especially outside major metropolitan areas; to foster an understanding of these arts by providing educational programs for audiences in each touring location apart from public performances; and to support collaborative projects between Japanese and U.S./Canadian performing artists. To be eligible, projects must present a Japanese performing arts performance and/or be a performing arts collaboration between Japanese and American/Canadian artists. In addition, the project must explicitly include educational and/or community outreach activities.

[ACLS Invites Applications for African Humanities Fellowships](#)

POSTED: July 23, 2017

DEADLINE: November 2, 2017

Funding Instrument Type: Fellowship

The American Council of Learned Societies' African Humanities Program (AHP) seeks to reinvigorate the humanities in Africa through fellowship competitions and related activities in Ghana, Nigeria, South Africa, Tanzania, and Uganda. In partnership with the

Carnegie Corporation of New York, AHP provides qualified African scholars with an integrated set of opportunities to develop their individual capacities and help promote the formation of scholarly networks. The program also supports the Carnegie Corporation's efforts to develop and retain African academics at universities in Africa. The mission of the program is to encourage and enable the production of new knowledge and new directions for research, strengthen the capacity of early-career researchers and faculty at African universities, and build the field of humanities by establishing networks for scholarly communication across Africa and with Africanists worldwide. Fellowship stipends allow recipients to take an academic year free from teaching and other duties for completion of his/her PhD dissertation, the revision of a dissertation for publication, or to conduct a first major research project after the PhD. Fellows are also eligible for additional benefits such as residential stays for writing, manuscript development workshops, and publication support. Each fellow may request a residential stay at an African institute for advanced study, but residencies must be taken at an institute outside the home country. Currently, AHP Fellows may take residencies at six institutes, from South Africa to Senegal, Ghana to Tanzania.

[National Endowment for the Arts \(NEA\): Translation Projects](#)

POSTED: August 1, 2017

DEADLINE: December 5, 2017

Funding Instrument Type: Fellowship

Through fellowships to published translators, the National Endowment for the Arts supports projects for the translation of specific works of prose, poetry, or drama from other languages into English. Grants are for \$12,500 or \$25,000. Award amounts are determined by the National Endowment for the Arts.

Social Sciences

[Dept. of Transportation: Transforming Freight Flow Data Collection](#)

POSTED: August 1, 2017

DEADLINE: September 19, 2017

Funding Instrument Type: Grant

The Bureau of Transportation Statistics (BTS) requires technical support to transform methods that collect and estimate freight flow data. To remain effective in measuring nationwide goods movements, it is important that Commodity Flow Survey (CFS) data collection methods and the techniques used to develop its derivative product, the Freight Analysis Framework (FAF), be transformed to leverage the continuously improving data collection technologies, and the availability of administrative data and other alternative data sources. Furthermore, the transformation is necessary to capture the many changes in the transportation sector with respect to logistics and supply chain, such as the growing number of the third-party logistics providers, distribution centers, and electronic shopping.

[Dept. of State, Bureau of International Narcotics-Law Enforcement: West Bank Access to Justice Legal Aid Project](#)

POSTED: July 26, 2017

DEADLINE: September 26, 2017

Funding Instrument Type: Grant

In an effort to complement existing U.S. government and international donor efforts to advance the rule of law through access to justice services in the West Bank, INL seeks applications from qualified organizations for a program aimed at improving indigent access to justice services, particularly for vulnerable populations, by establishing, strengthening, and sustaining legal aid services in various Palestinian provinces.

[National Park Service: African American Civil Rights \(AACR\) History Grants](#)

POSTED: August 1, 2017

DEADLINE: September 29, 2017

Funding Instrument Type: Grant

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[National Park Service: African American Civil Rights \(AACR\) Preservation Grants](#)

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[Caplan Foundation for Early Childhood Invites Letters of Intent](#)

POSTED: July 16, 2017

DEADLINE: Letters of Intent must be received no later than September 30, 2017. Upon review, selected applicants will be invited to submit a full application.

Funding Instrument Type: Grant

The Caplan Foundation for Early Childhood supports innovative, creative projects and programs with potential to significantly enhance the development, health, safety, education, and/or quality of life of children from infancy through five years of age. The foundation provides funding in the areas of early childhood welfare, early childhood education and play, and parenting education. 1) Early Childhood Welfare: the foundation supports programs that research best child-rearing practices and identify models that can provide creative, caring environments in which all children can thrive. 2) Early Childhood Education and Play: The foundation seeks to improve the quality of both early childhood teaching and learning through the development of innovative curricula and research-based pedagogical standards, as well as the design of imaginative play materials and learning environments. 3) Parenting Education: To help parents create nurturing environments for their children, the foundation supports programs that teach parents about developmental psychology, cultural child-rearing differences, pedagogy, issues of health, prenatal care and diet, and programs that provide both cognitive and emotional support to parents.

[National Institutes of Health \(NIH\): International Research Collaboration on Alcohol and Alcoholism \(U01\)](#)

POSTED: Updated July 21, 2017

DEADLINE: The next funding cycle's deadline is October 5, 2017.

Funding Instrument Type: Cooperative Agreement

This Funding Opportunity Announcement (FOA) invites applications for the purpose of fostering international collaborations between alcohol research investigators within the United States and investigators located at non-United States laboratories and performance sites for the mutual advancement of our understanding of alcohol problems and of clinical and public health approaches to their solutions. The program is intended to provide funds for research activities to be undertaken jointly between the U.S. and non-U.S. laboratory that expands the research direction of both the U.S. and non-U.S. laboratories in a collaborative manner.

[National Institutes of Health \(NIH\): Exploratory/Developmental Investigations on Primary Immunodeficiency Diseases \(R21\)](#)

POSTED: July 21, 2017

DEADLINE: The next funding cycle's deadline is October 16, 2017.

Funding Instrument Type: Grant

This Funding Opportunity Announcement (FOA) will support innovative exploratory/developmental investigations on primary immunodeficiency diseases focusing on ex vivo studies with human specimens and on studies with current or new animal models including novel clinical strategies for detecting, identifying the molecular basis of, or developing innovative therapies for primary immunodeficiency diseases. In addition, this FOA aims to encourage analyses of clinical data and samples maintained in primary immunodeficiency registries, consortium databases and repositories to address questions relevant to primary immunodeficiency research.

[National Institutes of Health \(NIH\): Discovery of cell-based Chemical Probes for Novel Brain Targets \(R21\)](#)

POSTED: July 24, 2017

DEADLINE: The next funding cycle's deadline is October 16, 2017.

Funding Instrument Type: Grant

This Funding Opportunity Announcement (FOA) intends to support investigators who have interest and capability to join efforts for the discovery of cell-based chemical probes for novel brain targets. It is expected that applicants will have in hand the starting compounds (validated hits) for chemical optimization and bioassays for testing new analog compounds. Through this FOA, NIH wishes to stimulate research in: 1) discovery and development of novel, small molecules for their potential use in understanding biological processes relevant to the missions of the National Institute of Mental Health (NIMH), National Institute on Aging (NIA), and/or National Institute on Deafness and Other Communication Disorders (NIDCD); and 2) discovery and/or validation of novel, biological targets that will inform studies of brain disease mechanisms. Emphasis will be placed on projects that provide new insight into important disease-related biological targets and biological processes. The main emphasis of projects submitted under this FOA should be in the discovery of cell-based chemical probes. Applicants interested in developing in vivo chemical probes may wish to apply using the companion R01 mechanism (PAR-17-336).

[National Institutes of Health \(NIH\): Typical and Atypical Patterns of Language and Literacy in Dual Language Learners \(R21\)](#)

POSTED: August 1, 2017

DEADLINE: The next funding cycle's deadline is October 16, 2017.

Funding Instrument Type: Grant

The purpose of this FOA is to support investigator-initiated R21 applications that will inform our understanding of the typical and atypical patterns of language and literacy development of dual language learners (DLLs) in the United States. Applicants are encouraged to take advantage of advances in the language sciences and related fields to identify and clarify specific cognitive, linguistic, neurobiological, and sociocultural factors associated with normal and impaired language and literacy acquisition in young DLL populations.

[National Institutes of Health \(NIH\): Ethical, Legal, and Social Implications \(ELSI\) of Genomics Exploratory/Developmental Research Grant Program \(R21\)](#)

POSTED: August 1, 2017

DEADLINE: The next funding cycle's deadline is October 16, 2017.

Funding Instrument Type: Grant

This Funding Opportunity Announcement (FOA) invites Exploratory/Developmental Research Grant (R21) applications that propose to study the ethical, legal and social implications (ELSI) of human genome research. These applications should propose single or mixed methods studies that break new ground, extend previous discoveries in new directions or develop preliminary data in preparation for larger studies. Of particular interest are studies that explore the implications of new or emerging genomic technologies or novel uses of genomic information.

[Council on Foreign Relations Seeks Applications for International Affairs Fellowships](#)

POSTED: July 17, 2017

DEADLINE: October 31, 2017

Funding Instrument Type: Fellowship

The Council on Foreign Relations is accepting applications for its International Affairs Fellowship Program, which offers unique opportunities for mid-career professionals focused on international relations. Launched in 1967, the twelve-month fellowship is designed to assist mid-career scholars and professionals in advancing their analytic capabilities and broadening their foreign policy experience. The program aims to strengthen career development by helping outstanding individuals acquire and apply foreign policy skills beyond the scope of their professional and scholarly achievements. CFR awards approximately ten fellowships annually to highly accomplished individuals who have a capacity for independent work and who are eager to undertake serious foreign policy analysis. Fellows selected for the program will receive a stipend of \$100,000. To be eligible, applicants must be a mid-career professional who has a demonstrated commitment to a career in foreign policy. The program welcomes applicants from a broad range of professional, academic, and personal backgrounds.

[Public Welfare Foundation Accepting LOIs for Criminal, Social Justice Programs](#)

POSTED: July 17, 2017

DEADLINE: Letters of Intent are accepted on a rolling basis. If, after review, a full proposal is invited, applicants will be assigned a deadline for the proposal submission.

Funding Instrument Type: Grant

The Public Welfare Foundation supports efforts to advance justice and opportunity for people in need. To that end, the foundation is accepting Letters of Intent for projects in its focus areas of criminal justice, youth justice, and workers' rights. 1) Criminal Justice: The foundation's Criminal Justice program supports groups working to end over-incarceration of adult offenders and reduce racial disparities in the United States. In particular, the program awards grants to groups that are working on sentencing reform at the state level. 2) Youth Justice: The foundation's Juvenile Justice program supports groups working to end the criminalization and over-incarceration of youth in the United States. In particular, the program supports groups working to advance state policies that restrict the juvenile justice system's use of incarceration and expand the use of community-based programs for youth; end the practice of trying, sentencing, and incarcerating youth in the adult criminal justice system; and promote the fair and equitable treatment of youth of color who come into contact with the juvenile justice system. 3) Workers' Rights: Through its Workers' Rights program, the foundation supports policy and system reforms to improve the lives of low-wage working people in the United States, with a focus on securing their basic legal rights to safe, healthy, and fair conditions at work. Specifically, the program awards grants to groups working to advance reforms designed to hold employers accountable for wage theft; advance reforms to prevent severe illness, injury, and death on the job; and advance workers' rights in complex, fissured employment arrangements through research and strategic thought leadership.

Natural Sciences

[NC Biotechnology Center: Biotechnology Event Sponsorship](#)

DEADLINE: Proposals are submitted according to quarterly deadlines; the next deadline, of September 7, 2017 (noon), is for events occurring October—December 2017.

Funding Instrument Type: Grant

This popular Biotechnology Center grant promotes and supports events, meetings or conferences that advance the understanding or application of biotechnology and the life sciences for the benefit of North Carolina. Events must promote information sharing and personal interaction focused on life science research, education, or business.

[Families of Spinal Muscular Atrophy \(SMA\) Issues RFP for Research Projects](#)

POSTED: July 20, 2017

DEADLINE: September 8, 2017

Funding Instrument Type: Grant

Families of SMA funds and directs research programs focused on developing a treatment and cure for spinal muscular atrophy (SMA) disease, a hereditary disease that causes weakness and wasting of the voluntary muscles in the arms and legs of infants and children. Families of SMA has issued a Request for Proposals for research projects designed to advance current understanding of spinal muscular atrophy disease. Grants of up to \$150,000 will be awarded for novel research focused on SMA disease pathology at the molecular, cellular, and biochemical level; generating key reagents and tools to facilitate drug development and clinical trials; and identifying new therapeutic strategies for SMA. To be considered, studies should focus on the molecular and biochemical mechanisms regulating SMN expression or mediating SMN function; developing greater understanding of the pathophysiology of SMA using well-validated animal or cellular models of the SMA; early proof-of-concept assessments of novel therapeutic approaches for SMA in well-validated animal or cellular models of the disease or on progressing aspects of ongoing preclinical drug programs for SMA toward IND; and work that generates research or clinical trial tools for SMA, such as new animal models, phenotypic cellular assays, activity assays for SMN function, biomarkers or outcome measures for clinical trials, and newborn screening protocols/technologies.

[Waitt Foundation Issues RFP for Marine Protected Areas Projects](#)

POSTED: July 25, 2017

DEADLINE: September 8, 2017

Funding Instrument Type: Grant

The Waitt Foundation supports projects and campaigns aimed at ending overfishing, the creation and expansion of marine protected areas (MPAs), marine spatial planning, and the raising of public awareness about the rapid decline in ocean health. Many nations have committed to designating 10 percent of their waters as MPAs, with some nations committing to 30 percent. To support the designation of MPAs, the Waitt Foundation has issued a Request for Proposals that aims to identify "shovel ready" MPA projects where six to twelve months of additional targeted funding will result in the creation of legally-binding MPAs that have the political and social support necessary for implementation success. Qualified projects include those seeking new MPA declaration,

or expansion of an existing MPA. No-take MPAs are strongly preferred; marine managed areas with substantive and demonstrable extractive protections also will be considered. MPA implementation projects on their own are beyond the scope of this RFP. The types of activities that this RFP will support include policymaker partnership and education, targeted outreach, designation processes (including government and stakeholder engagement), and legal and policy drafting.

[Dept. of Transportation: Transforming Freight Flow Data Collection](#)

POSTED: August 1, 2017

DEADLINE: September 19, 2017

Funding Instrument Type: Grant

The Bureau of Transportation Statistics (BTS) requires technical support to transform methods that collect and estimate freight flow data. To remain effective in measuring nationwide goods movements, it is important that Commodity Flow Survey (CFS) data collection methods and the techniques used to develop its derivative product, the Freight Analysis Framework (FAF), be transformed to leverage the continuously improving data collection technologies, and the availability of administrative data and other alternative data sources. Furthermore, the transformation is necessary to capture the many changes in the transportation sector with respect to logistics and supply chain, such as the growing number of the third-party logistics providers, distribution centers, and electronic shopping.

[National Science Foundation \(NSF\): Division of Materials Research: Topical Materials Research Programs \(DMR-TMRP\)](#)

POSTED: July 20, 2017

DEADLINE: Submission window is October 1—November 1, 2017

Funding Instrument Type: Grant

Research supported by the Division of Materials Research (DMR) focuses on advancing fundamental understanding of materials, materials discovery, design, synthesis, characterization, properties, and materials-related phenomena. DMR awards enable understanding of the electronic, atomic, and molecular structures, mechanisms, and processes that govern nanoscale to macroscale morphology and properties; manipulation and control of these properties; discovery of emerging phenomena of matter and materials; and creation of novel design, synthesis, and processing strategies that lead to new materials with unique characteristics. These discoveries and advancements transcend traditional scientific and engineering disciplines. The Division supports research and education activities in the United States through funding of individual investigators, teams, centers, facilities, and instrumentation. Projects supported by DMR are essential for the development of future technologies and industries that meet societal needs, as well preparation of the next generation of materials researchers.

[National Institutes of Health \(NIH\): International Research Collaboration on Alcohol and Alcoholism \(U01\)](#)

POSTED: Updated July 21, 2017

DEADLINE: The next funding cycle's deadline is October 5, 2017.

Funding Instrument Type: Cooperative Agreement

This Funding Opportunity Announcement (FOA) invites applications for the purpose of fostering international collaborations between alcohol research investigators within the United States and investigators located at non-United States laboratories and performance sites for the mutual advancement of our understanding of alcohol problems and of clinical and public health approaches to their solutions. The program is intended to provide funds for research activities to be undertaken jointly between the U.S. and non-U.S. laboratory that expands the research direction of both the U.S. and non-U.S. laboratories in a collaborative manner.

[National Institutes of Health \(NIH\): Exploratory/Developmental Investigations on Primary Immunodeficiency Diseases \(R21\)](#)

POSTED: July 21, 2017

DEADLINE: The next funding cycle's deadline is October 16, 2017.

Funding Instrument Type: Grant

This Funding Opportunity Announcement (FOA) will support innovative exploratory/developmental investigations on primary immunodeficiency diseases focusing on ex vivo studies with human specimens and on studies with current or new animal models including novel clinical strategies for detecting, identifying the molecular basis of, or developing innovative therapies for primary immunodeficiency diseases. In addition, this FOA aims to encourage analyses of clinical data and samples maintained in primary immunodeficiency registries, consortium databases and repositories to address questions relevant to primary immunodeficiency research.

[National Institutes of Health \(NIH\): Discovery of cell-based Chemical Probes for Novel Brain Targets \(R21\)](#)

POSTED: July 24, 2017

DEADLINE: The next funding cycle's deadline is October 16, 2017.

Funding Instrument Type: Grant

This Funding Opportunity Announcement (FOA) intends to support investigators who have interest and capability to join efforts for the discovery of cell-based chemical probes for novel brain targets. It is expected that applicants will have in hand the starting compounds (validated hits) for chemical optimization and bioassays for testing new analog compounds. Through this FOA, NIH wishes to stimulate research in: 1) discovery and development of novel, small molecules for their potential use in understanding biological processes relevant to the missions of the National Institute of Mental Health (NIMH), National Institute on Aging (NIA), and/or National Institute on Deafness and Other Communication Disorders (NIDCD); and 2) discovery and/or validation of novel, biological targets that will inform studies of brain disease mechanisms. Emphasis will be placed on projects that provide new insight into important disease-related biological targets and biological processes. The main emphasis of projects submitted under this FOA should be in the discovery of cell-based chemical probes. Applicants interested in developing in vivo chemical probes may wish to apply using the companion R01 mechanism (PAR-17-336).

[National Institutes of Health \(NIH\): Metabolomic Data Analysis and Interpretation Tools \(U01\)](#)

POSTED: August 1, 2017

DEADLINE: October 20, 2017

Funding Instrument Type: Cooperative Agreement

The goal of this cooperative agreement Funding Opportunity Announcement (FOA) is to address key challenges in analyzing and interpreting metabolomics data by developing novel tools to facilitate metabolomics data analysis and interpretation. Specifically, successful awardees will develop new or enhanced computational approaches or tools that facilitate metabolomics data analysis, interpretation, and integration. Generalizable, scalable, and portable solutions appropriate for scientists with limited expertise in informatics are particularly encouraged. Projects are not intended to supplement ongoing metabolomics analyses, but to provide tools for broader use by the biomedical research community.

[National Science Foundation \(NSF\): Paleo Perspectives on Climate Change \(P2C2\)](#)

POSTED: July 24, 2017

DEADLINE: October 20, 2017

Funding Instrument Type: Grant

The goal of research funded under the interdisciplinary P2C2 solicitation is to utilize key geological, chemical, atmospheric (gas in ice cores), and biological records of climate system variability to provide insights into the mechanisms and rate of change that characterized Earth's past climate variability, the sensitivity of Earth's climate system to changes in forcing, and the response of key components of the Earth system to these changes. Important scientific objectives of P2C2 are to: 1) provide comprehensive paleoclimate data sets that can serve as model test data sets analogous to instrumental observations; and 2) enable transformative syntheses of paleoclimate data and modeling outcomes to understand the response of the longer-term and higher magnitude variability of the climate system that is observed in the geological and cryospheric records.

[National Institutes of Health \(NIH\): Implementing Genomics in Practice \(IGNITE\) II: Pragmatic Clinical Trials Clinical Groups \(U01\)](#)

POSTED: July 25, 2017

DEADLINE: November 3, 2017

Funding Instrument Type: Cooperative Agreement

This Funding Opportunity Announcement (FOA) invites applications to participate in the Implementing Genomics in Practice (IGNITE) II: Pragmatic Clinical Trials Network. This network will conduct pragmatic clinical trials to measure the clinical utility and cost-effectiveness of genomic medicine interventions; assess approaches for real-world application of genomic medicine in diverse clinical settings; and produce generalizable knowledge on the types of genomic medicine interventions requiring randomized clinical trials and effective methods for conducting them. Applicants to this FOA are expected to recruit a minimum of 35% of patients who come from racial or ethnic minority populations, underserved populations, or populations who experience poorer medical

outcomes. In contrast, applicants to the companion RFA HG-17-009 are expected to recruit a minimum of 75% of such patients.

[National Institutes of Health \(NIH\): Implementing Genomics in Practice \(IGNITE\) II: Pragmatic Clinical Trials Enhanced Diversity Clinical Groups \(U01\)](#)

POSTED: July 25, 2017

DEADLINE: November 3, 2017

Funding Instrument Type: Cooperative Agreement

This Funding Opportunity Announcement (FOA) invites applications to participate in the Implementing Genomics in Practice (IGNITE) II: Pragmatic Clinical Trials Network. This network will conduct pragmatic clinical trials to measure the clinical utility and cost-effectiveness of genomic medicine interventions; assess approaches for real-world application of genomic medicine in diverse clinical settings; and produce generalizable knowledge on the types of genomic medicine interventions requiring randomized clinical trials and effective methods for conducting them. Applicants to this FOA are expected to recruit a minimum of 75% of patients who come from racial or ethnic minority populations, underserved populations, or populations who experience poorer medical outcomes. In contrast, applicants to the companion RFA HG-17-008 are expected to recruit a minimum of 35% of such patients.

[National Institutes of Health \(NIH\): Extracellular Vesicles and Substance Use Disorders \(R21\)](#)

POSTED: Updated August 1, 2017

DEADLINE: The next funding cycle's deadline is November 3, 2017.

Funding Instrument Type: Grant

The purpose of this Funding Opportunity Announcement (FOA) is to encourage research projects that investigate the interplay between extracellular vesicles (EVs) and substance use disorders (SUDs). In particular, the National Institute on Drug Abuse (NIDA) is interested in the potential utility of EVs with respect to understanding neuroplastic mechanisms relevant to SUDs or as biomarkers or therapeutics.

[National Science Foundation \(NSF\): Discovery Research PreK-12 \(DRK-12\)](#)

POSTED: July 25, 2017

DEADLINE: November 14, 2017

Funding Instrument Type: Grant

The Discovery Research PreK-12 program (DRK-12) seeks to significantly enhance the learning and teaching of science, technology, engineering, mathematics and computer science (STEM) by preK-12 students and teachers, through research and development of STEM education innovations and approaches. Projects in the DRK-12 program build on fundamental research in STEM education and prior research and development efforts that provide theoretical and empirical justification for proposed projects. Projects should result in research-informed and field-tested outcomes and products that inform teaching and learning. Teachers and students who participate in DRK-12 studies are expected to enhance their understanding and use of STEM content, practices and skills. The DRK-12 program invites proposals that address immediate challenges that are facing preK-12 STEM education as well as those that anticipate radically different

structures and functions of preK-12 teaching and learning. The DRK-12 program has three major research and development strands: (1) Assessment; (2) Learning; and (3) Teaching. The program supports five types of projects: (1) Exploratory, (2) Design and Development, (3) Impact, (4) Implementation and Improvement, and (5) Conferences and Syntheses. All five types of projects apply to each of the three DRK-12 program strands.