

From: jan.taylor@wvresearch.org
To: [Jessica Kump](#)
Subject: Grant Opportunities for the week ending 14 September 2018
Date: Friday, September 14, 2018 9:19:45 AM
Attachments: [powerphplist.png](#)

Grant Opportunities for the week ending 7 September 2018

We're always looking for **pictures of you and/or your students doing science or science outreach!** We would like to feature you on our Instagram feed. Please send any pictures and brief descriptions of the activity to me (jan.taylor@wvresearch.org) and we'll put them up. Thanks!

NSF
NIH
DOD
NASA
NIST

National Science Foundation

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 recognizes the synergy among the three strands and that there is some overlap and interdependence among them. However, proposals should identify a clear focus of the proposed research efforts (i.e., assessment, learning, or teaching) consistent with the proposal's main objectives and research questions. The program supports six types of projects: (1) Exploratory, (2) Design and Development, (3) Impact, (4) Implementation and Improvement, (5) Syntheses, and (6) Conferences. All six types of projects apply to each of the three DRK-12 program strands. Full Proposal Deadline Date: November 14, 2018.

The [Advanced Technologies and Instrumentation \(ATI\)](#) program provides individual investigator and collaborative research grants for development of new technologies and instrumentation for astronomy and astrophysics. The program supports overarching science objectives of the Division of Astronomical Sciences. Development of innovative, potentially transformative technologies are encouraged, even at high technical risk. Supported categories include but are not limited to: advanced technology development or concept feasibility studies and specialized instrumentation to enable new observations that are difficult or impossible to obtain with existing means. Proposals may include hardware and/or software development and/or analysis to enable new types of astronomical observations. The program encourages making products of research available to the public. It also encourages community coordination of technology and instrumentation development efforts via an annual Principal Investigators meeting. Full Proposal Window: October 1, 2018 - November 15, 2018.

The [Applied Mathematics](#) program supports mathematics research motivated by or having an effect on problems arising in science and engineering. Mathematical merit and novelty, as well as breadth and quality of impact on applications, are important factors. Proposals to develop critical mathematical techniques from individual investigators as well as from interdisciplinary teams are encouraged. Full Proposal Window: November 1, 2018 - November 15, 2018.

The [Astronomy and Astrophysics Research Grants \(AAG\)](#) Program is an inclusive and flexible funding opportunity to support research in the astronomical sciences. The Program provides individual investigator and collaborative research grants for observational, theoretical, laboratory, and archival data studies in astronomy and astrophysics. The Program also considers proposals for projects and tools that enable or enhance astronomical research. Proposals may span multiple disciplines and/or areas of study and may utilize multiple techniques. Full Proposal Window: October 1, 2018 - November 15, 2018.

[Office of Advanced Cyberinfrastructure \(OAC\): Research Core Program](#) - OAC research investments are characterized by their translational nature, i.e., building on basic research results and spanning the design to practice stages. They are further characterized by one or more of the following key attributes: multi-disciplinary, extreme-scale, driven by science and engineering research, end-to-end, and deployable as robust research CI. Areas of translational research supported by OAC include systems architecture and middleware for extreme-scale systems, scalable algorithms and

applications, and the advanced CI ecosystem. Principal investigators (PIs) are strongly encouraged to contact an OAC cognizant program director listed in this solicitation with a 1-page project summary for further guidance. For foundational computer and information science and engineering research, PIs are referred to the core research programs of the Computer and Communication Foundations (CCF), Computer and Network Systems (CNS), and Information and Intelligent Systems (IIS) divisions of CISE. Proposers are invited to submit proposals in one project class, which is defined as follows: Small Projects - up to \$500,000 total budget with durations up to three years. Full Proposal Window: November 1, 2018 - November 15, 2018.

Dear Colleague Letter: Non-Academic Research Internships for Graduate Students (INTERN) Supplemental Funding Opportunity - Fostering the growth of a globally competitive and diverse research workforce and advancing the scientific and innovation skills of the Nation is a **strategic objective of the National Science Foundation (NSF)**. The Nation's global competitiveness depends critically on the readiness of the Nation's Science, Technology, Engineering and Mathematics (STEM) workforce and NSF seeks to continue to invest in programs that directly advance this workforce. As part of this effort, a supplemental funding opportunity is available in fiscal years FY 2019 and FY 2020 to provide support for non-academic research internships for graduate students to support career opportunities in any sector of the U.S. economy. NSF currently invests in a number of graduate student preparedness activities and has historically encouraged principal investigators (PIs) to include such activities in research proposals to NSF. This Dear Colleague Letter (DCL) describes new funding opportunities at NSF to ensure graduate students are well prepared for the 21st-century STEM workforce. Supplemental funding requests may be submitted at any time but no later than May 1, 2019 (for available FY 2019 funds) and May 1, 2020 (for available FY 2020 funds).

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National Institutes of Health

Virtual Consortium for Translational/Transdisciplinary Environmental Research (ViCTER) (R01 Clinical Trial Optional) - The purpose of the updated ViCTER program is to use the R01 mechanism to foster and promote early-stage transdisciplinary collaborations and/or translational research efforts among fundamental (technology and mechanism oriented), clinical (patient-oriented) and population-based researchers in the environmental health field. The newly established collaborative teams will come together in common interest to investigate potential linkages between human health and one or more environmental stressor(s). The ViCTER program is intended to support innovative high-risk, high-reward cross-disciplinary and/or translational research projects that are more difficult to achieve in a typical R01 application. Collaboration among investigators at different institutions through a virtual consortium arrangement are encouraged. Letter of Intent Due Date(s): 30 days prior to the application due date. Application Due Date(s): December 3, 2018; December 2, 2019; December 1, 2020.

Early Stage Testing of Pharmacologic or Device -based Interventions for the Treatment of Mental Health Disorders (R33- Clinical Trial Required) - The purpose of this Funding Opportunity Announcement (FOA) is to support the early stage testing of pharmacologic interventions with novel mechanisms of action or device-based interventions, for the treatment of symptoms or domains of altered functions in individuals with mental illness (e.g., schizophrenia, depression, autism, obsessive compulsive disorder, anxiety, bipolar disorder). Early intervention studies are also encouraged where symptoms of a disorder have been identified in subjects (a prodromal phase), prior to full diagnostic criteria being met. Ultimately, this FOA is intended to support early stage testing of pharmacologic or device-based interventions using a protocol design where the presumed mechanism of action of the intervention is adequately tested, to provide meaningful information where target modulation yields a dose-dependent neurophysiological/clinical/behavioral effect. Pediatric, adult and geriatric focused interventions are appropriate for this FOA. This R33 FOA supports single phased clinical trial awards. Applicants proposing high risk projects are encouraged to apply to the companion FOA, **RFA-MH-18-702**. Letter of Intent Due Date(s): 30 days prior to the application due date. Application Due Date(s): October 15, 2018, February 15, 2019, June 15, 2019, October 15, 2019, February 14, 2020, June 15, 2020, October 15, 2020. **Pilot Effectiveness Trials for Treatment, Preventive and Services Interventions (R34- Clinical Trial Required)** and Development of Psychosocial Therapeutic and Preventive Interventions for **Mental Disorders (R61/R33- Clinical Trial Required)** also have these due dates. Other companion opportunities are **RFA-MH-18-700**, **Collab R01 Research Project Grant**; **RFA-MH-18-701**, **R01 Research Project Grant**; **RFA-MH-18-706**, **R34 Planning Grant**; and **RFA-MH-18-707**, **R01 Research Project Grant** which have an application due date of October 15, 2018.

Pre-application for the NIH-Industry Program: Discovering New Therapeutic Uses for Existing Molecules (X02 Clinical Trials Not Allowed) - This Funding Opportunity Announcement (FOA) solicits pre-applications for projects that test new therapeutic uses for experimental drugs or biologics (Assets) across a broad range of human diseases in adult and pediatric populations. This innovative program allows investigators to propose new therapeutic uses for Assets from pharmaceutical company partners. Strong applications will include scientific evidence that modulation of an Assets target will have a positive impact on the disease/condition. Companion Funding Opportunity is **PAR-18-910**, **U01 Research Project – Cooperative Agreements**. Letter of Intent Due Date(s): 30 days prior to the application due date. Application Due Date(s): October 31, 2018, April 29, 2019, October 31, 2019, April 29, 2020, October 31, 2020, April 29, 2021.

Feasibility Studies to Build Collaborative Partnerships in Cancer Research (P20 Clinical Trial Not Allowed) - Through this Funding Opportunity Announcement (FOA), the National Cancer Institute (NCI) invites P20 planning grant applications for developing collaborative partnership between institutions serving underserved health disparity populations and

underrepresented students (ISUPS) and NCI- designated Cancer Centers (or Cancer Centers with highly integrated cancer research programs). This FOA is designed to facilitate the planning and execution of focused collaborations in cancer-related research, research experience, and research education. A major goal of the NCI P20 partnership programs is to provide support for investigators at ISUPS and Cancer Centers to conduct cancer research pilot projects and cancer research education program. The purpose of the pilot projects and education program is to allow awardees to obtain preliminary data that will lead to competitive grant applications for funding by the NIH/NCI and/or other Federal/Non-Federal agencies. Letter of Intent Due Date(s): 30 days prior to the application due date. Application Due Date(s): November 14, 2018; November 13, 2019; November 13, 2020.

U.S. - India Collaborative Vision Research Program (R01 Clinical Trial Not Allowed) - This funding Opportunity Announcement (FOA) encourages Multiple Principal Investigator (Multi-PD/PI) applications from United States (U.S.) and Indian institution as bilateral collaborations that will advance science and technology important to understanding, preventing, and treating blinding eye diseases, visual disorders, and their complications. Areas of Research Collaboration: Applications are encouraged from organization/institutions that propose to conduct research on the basic biology and/or genetics of ophthalmic diseases through collaborations with Indian investigators on the following: diabetic retinopathy, glaucoma, age-related macular degeneration, retinitis pigmentosa, including rare and genetic diseases such as congenital cataracts, as well as other eye conditions such as ocular inflammation/uveitis, refractive error, low vision, and corneal injury. Basic, translational, or epidemiological research maybe proposed. Clinical trials will not be supported under this FOA. Application Due Date(s): November 8, 2018; November 8, 2019; November 9, 2020.

NIDCR Small Research Grants for Oral Health Data Analysis and Statistical Methodology - The goal of this funding opportunity announcement is to support meritorious 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. The R03 grant mechanism supports research limited in time and amount for studies in categorical program areas. Application Due Date(s): **Standard dates** apply.

Utilizing the PLCO Biospecimens Resource to Bridge Gaps in Cancer Etiology and Early Detection Research (U01 Clinical Trial Not Allowed) - This Funding Opportunity Announcement (FOA) encourages the submission of applications that propose to advance research in cancer etiology and early detection biomarkers, utilizing the advantages of the unique biorepository resources of the NCI-sponsored Prostate, Lung, Colorectal, and Ovarian Cancer (PLCO) Screening Trial. The PLCO Biorepository offers high-quality, prospectively collected, serial pre-diagnostic blood samples from the PLCO screened arm participants, and a onetime collection of buccal cells from the control arm participants. Available data associated with the biospecimens includes demographic, diet, lifestyle, smoking, screening results, and clinical data. This FOA supports a wide range of cancer research including, but not limited to, biochemical and genetic analyses of cancer risk, as well as discovery and validation of early detection biomarkers. The proposed research project must involve use of PLCO biospecimens; additionally, it should also take advantage of the unique characteristics of the PLCO biospecimens. Research projects that do not involve the use of PLCO biospecimens will not be supported under this FOA. Letter of Intent Due Date(s): 30 days prior to the application due date. Application Due Date(s): February 11, 2019; August 14, 2019; February 11, 2020; August 11, 2020; February 11, 2021; August 11, 2021.

Modeling HIV Neuropathology Using Microglia from Human iPSC and Cerebral Organoids (R01 Clinical Trial Not Allowed) - This Funding Opportunity Announcement (FOA) invites research grant applications to study the cellular and molecular mechanisms delineating the neuropathophysiology of HIV-associated neurological disorders (HAND) in the setting of long-term combination antiretroviral therapy (cART) conditions using induced microglia and cerebral organoids generated from patient derived induced pluripotent stem cell (iPSC) lines. Companion Funding Opportunity is **RFA-DA-19-010, R21 Exploratory/Developmental Grant**. Letter of Intent Due Date(s): November 18, 2018. Application Due Date(s): December 18, 2018.

Quantitative Imaging Tools and Methods for Cancer Response Assessment (R01 Clinical Trial Optional) - This purpose of this Funding Opportunity Announcement (FOA) is 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. The quantitative software tools must have been developed and optimized during a performance period in the Quantitative Imaging Network (QIN) or under other separate funding. The proposed research effort should be an extension of the research that successfully completed the tasks of developing and optimizing the chosen software tools or data collection methods intended to facilitate clinical decision making during clinical trials. This FOA is intended to support the efforts of validating those software tools in prospective multisite clinical trials to test software tool performance and to demonstrate that the software tool can be integrated into clinical workflow with a minimum of disruption. Companion Funding Opportunity is **PAR-18-248, UG3/UH3 Exploratory/Developmental Phased Award Cooperative Agreement**. Letter of Intent Due Date(s): 30 days prior to the application due date. Application Due Date(s): **Standard dates** apply.

Ancillary Studies to the NIDDK Inflammatory Bowel Disease Genetics Consortium (R01- Clinical Trial Optional) - The NIDDK Inflammatory Bowel Disease Genetics Consortium (IBDGC), in collaboration with the International IBD Genetics Consortium, has identified about 200 susceptibility loci for IBD. The IBDGC has recently been awarded renewed funding to identify causal genes and genetic variants within these loci, and to elucidate the mechanisms through which they contribute to the pathophysiology of IBD. However, the IBDGC's current resources permit them to explore the functions of only a limited set of genes within a limited set of physiological domains. The purpose of this Funding Opportunity Announcement (FOA) is 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. Multi-site clinical trials will not be considered responsive to this FOA. Companion Funding Opportunity is [RFA-DK-17-018, R21 Exploratory/Developmental Grant](#). Letter of Intent Due Date(s): January 21, 2019. Application Due Date(s): February 21, 2019.

Neuroscience Research on Drug Abuse (R21 Clinical Trial Optional) - Long-term misuse and chronic exposure to abused substances can produce widespread changes in brain structure and function. Although much progress has been made, additional research is still needed to identify the neurobiological changes that result from substance use, and how these changes contribute to substance use disorders. The overarching goals of the research areas described in this FOA are to understand the neurobiological mechanisms underlying substance use disorders, with special emphasis on identifying changes and neuro-adaptations that occur during dependence, withdrawal, and relapse to chronic substance use. An understanding of the basic mechanisms underlying substance use disorders can help to identify targets for prevention and treatment interventions. Research utilizing basic, translational, or clinical approaches is appropriate. Companion Funding Opportunity is [PA-18-060, R01 Research Project Grant](#). Application Due Date(s): **Standard dates** apply.

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) - The purpose of this FOA is to support the development of a Clinician-Scientists Transdisciplinary Aging Research (Clin-STAR) Coordinating Center that will organize activities and provide research resources for clinician-investigators across the United States who are focusing their careers on aging research. This FOA is intended to build upon the substantial investments made by NIA through the GEMSSTAR program and related career development efforts by supporting expanded activities to reach a broader community of clinician-investigators. The specific goals of this initiative are 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. Ultimately, the Clin-STAR Coordinating Center is intended to provide a multi-faceted national research platform leading to improved patient-centered care for older adults across specialties and disciplines. Letter of Intent Due Date(s): January 4, 2019. Application Due Date(s): February 4, 2019.

Fusion Oncoproteins in Childhood Cancers (FusOnC2) Consortium (U54 Clinical Trial Not Allowed) - The FOA will focus on fusion oncoproteins found in tumors that have high risk of treatment failure and for which there has been little progress in identifying targeted agents. Responsive applications can focus on any fusion oncoprotein in pediatric solid tumors or on NUP98 fusion proteins that occur in young children with acute myelogenous leukemia (AML). However, greater preference will be given to applications focused on PAX-FOXO (alveolar rhabdomyosarcoma), C11orf95RELA (ependymoma), or NUP98 fusion proteins. Letter of Intent Due Date(s): November 7, 2018. Application Due Date(s): December 7, 2018.

NIOSH Small Research Grant Program - The purpose of this grant program is to develop an understanding of the risks and conditions associated with occupational diseases and injuries, to explore methods for reducing risks and preventing or minimizing exposure to hazardous conditions in the workplace, and to translate significant scientific findings into prevention practices and products that will effectively reduce work-related illnesses and injuries. The NIOSH R03 grant mechanism supports small occupational safety and health research projects that can be carried out with limited resources such as pilot and feasibility studies, secondary data analysis or development of research methods. Application Due Date(s): **Standard dates** apply.

Communication and Decision Making for Individuals with Inherited Cancer Syndromes (U01 Clinical Trial Optional) - This Funding Opportunity Announcement (FOA) is associated with the Beau Biden Cancer MoonshotSM Initiative (<https://www.cancer.gov/research/key-initiatives/moonshot-cancer-initiative>) that is intended to accelerate cancer research. The purpose of this FOA is 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. This Funding Opportunity Announcement invites U01 applications for projects that 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 so that they can make informed clinical risk management decisions. Letter of Intent Due Date(s): 30 days prior to the application due date. Application Due Date(s): January 9, 2019.

AIDS-Science Track Award for Research Transition (R03 Clinical Trial Optional) - This funding opportunity announcement (FOA) seeks to facilitate the entry of both newly independent and early career investigators to the area of drug use and use disorder research and HIV/AIDS. This FOA, AIDS-Science Track Award for Research Transition (A-START), encourages Small Research Grant (R03) 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. Application Due Date(s): **Standard AIDS dates**.

Developing the Therapeutic Potential of the Endocannabinoid System for Pain Treatment (R01 - Clinical Trial Optional) - The purpose of this Funding Opportunity Announcement (FOA) is to support projects that will elucidate the therapeutic potential of the cannabinoids and endocannabinoid system in the development of mechanism-based therapies for pain.

Application Due Date(s): **Standard dates** apply.

Imaging - Science Track Award for Research Transition (I/START) (R03 Clinical Trial Optional) - This funding opportunity announcement (FOA) encourages Small Research Grant (R03) 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. The R03 is intended to support research projects that can be carried out in a short period of time with limited resources. Application Due Date(s): **Standard dates** apply.

HIV/AIDS High Priority Drug Abuse Research (R01 Clinical Trial Optional) - The National Institutes of Health has recently announced the HIV/AIDS research priorities for the next three to five years <https://grants.nih.gov/grants/guide/notice-files/NOT-OD-15-137.html>. The goal of this Funding Opportunity Announcement (FOA) is to stimulate high priority research relevant to drug misuse and HIV/AIDS. Application Due Date(s): **Standard AIDS dates**.

Occupational Safety and Health Research (R01) - The purpose of the R01 grant program is (1) to develop an understanding of the risks and conditions associated with occupational diseases and injuries, (2) to explore methods for reducing risks and preventing or minimizing exposure to hazardous conditions in the workplace, and (3) to translate significant scientific findings into prevention practices and products that will effectively reduce work-related illnesses and injuries. The Research Project Grant (R01) supports a discrete, specified, circumscribed project in scientific areas that represent the investigators specific interests and competencies and that fall within the mission of NIOSH. Application Due Date(s): **Standard dates** apply.

NIH Blueprint Program for Enhancing Neuroscience Diversity through Undergraduate Research Education Experiences (R25) - The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The over-arching goal of this NIH Blueprint R25 program is to support educational activities that enhance the diversity of the biomedical, behavioral and clinical research workforce. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on Courses for Skills Development, Research Experiences, and Mentoring Activities. The fully integrated educational activities should prepare undergraduate students from diverse backgrounds nationally underrepresented in biomedical and behavioral sciences to enter Ph.D. degree programs in the neurosciences. To accomplish this goal, this initiative will provide institutional awards to develop neuroscience research education programs comprised of collaborative partnerships integrated across different educational institution types. Each partnership must include: a) one or more institutions that have substantial enrollment of diverse undergraduates from populations underrepresented in the biomedical and behavioral sciences, b) a research-intensive institution that has an established neuroscience or neuroscience-related program, c) integrated curriculum/academic enhancement and research training activities designed to increase participants' preparation to enter doctoral programs in the neurosciences, and d) well-described plans to provide early communication and interaction between participating students and graduate neuroscience programs across the country. Letter of Intent Due Date(s): January 15, 2019. Application Due Date(s): February 15, 2019.

Screening and Management of Unhealthy Alcohol Use in Primary Care: Dissemination and Implementation of PCOR Evidence (R18) - This initiative will fund the dissemination and implementation of clinical and organizational patient-centered outcomes research (PCOR) findings into primary care practice to improve the delivery of patient-centered approaches to identifying and managing. Letter of Intent Due Date(s): 30 days prior to the application due date. Application Due Date(s): January 4, 2019.

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Department of Defense

FY18 Kidney Cancer Research Program (KCRP) - The KCRP's vision is to eliminate kidney cancer through collaboration and discovery. The KCRP's mission is to promote rigorous, innovative, high-impact research in kidney cancer for the benefit of Service members, Veterans, and the American public. There are four award mechanisms: Idea Development; Physician Research; Technology Development; and Translational Research Partnership awards. For all, Letters of Intent are due September 20, 2018, and Applications are due October 10, 2018.

FY18 Psychological Health/Traumatic Brain Injury Research Program (PH/TBIRP) - Through the Complex TBI Rehabilitation Research (CTRR) initiative, the PH/TBIRP and JPC-8/CRM RP seek innovative rehabilitation research that has the potential to make a significant impact on improving the health and well-being of military Service members, Veterans, and other individuals with TBI. The programs challenge the clinical and scientific communities to design innovative research that will foster new directions for, and address neglected issues in, the field of TBI rehabilitation research. Applications from investigators within the military Services, and applications involving multidisciplinary collaborations among academia, industry, the military Services, the Department of Veterans Affairs (VA), and other Federal Government agencies are highly encouraged. There are four award mechanisms: Complex Traumatic Brain Injury Rehabilitation Research – Clinical Research; Complex Traumatic Brain Injury Rehabilitation Research – Clinical Trial Award; and Complex Traumatic Brain Injury Rehabilitation Research - Clinical Trial with Preproposals due September 24, 2018 and Applications due December 17, 2018; and PHTBIRP Joint DoD and VA Long-term Impact of Military-relevant Brain Injury with Preproposals due October 8, 2018 and Applications due January 7, 2019.

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NASA

ECOSTRESS Science Team - This program element will seek proposals for membership on the ECOSTRESS Science and Applications Team. Proposals should focus on the utilization of ECOSTRESS Level 2 (Surface Temperature and Emissivity), Level 3 (Evapotranspiration), and/or Level 4 (Water Use Efficiency and Evaporative Stress Index) data products for basic and applied research and applications of importance to Earth system science and relevant management activities. However, the solicitation is also open to the production of alternative higher-level (Levels 3 and 4) data products to those produced by direct funding to the ECOSTRESS Principal Investigator team. NASA particularly encourages proposals in the following areas: • Efforts that advance the three ECOSTRESS science objectives; • Evaluation and improvement of ECOSTRESS data products; • New research and innovative analyses using ECOSTRESS data products alone; or in combination with data products from other sensors (e.g., NASA, other U.S. agencies, international) that advance the understanding of the climate system, the water cycle, the carbon cycle, ecosystems and their biodiversity, and/or extreme weather events; • Applications of ECOSTRESS products for agriculture, water management, disaster response and mitigation, managing ecosystems for conservation and more sustainable resource use, and the forecasting of weather and extreme events; • Enhanced validation strategies, techniques, and data products. NASA plans to offer this program element in ROSES-2018, but for now the due dates are listed as TBD. The final proposal due date for this program element will be released as an amendment upon successful launch of and receipt of data from ECOSTRESS, no less than 90 days in advance of the proposal due date.

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NIST

Public Safety Innovation Accelerator Program - i Axis - The NIST Public Safety Innovation Accelerator Program is seeking applications from organizations with significant geospatial expertise and experience working with public safety to conduct activities that will allow first responders to rapidly and successfully incorporate new and emerging indoor mapping, tracking, navigation, and location-based services capabilities into their day-to-day operations. Applications must be received at Grants.gov no later than 11:59 p.m. Eastern Time, Friday, October 19, 2018.

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