

WEEKLY RESEARCH UPDATES AND OPPORTUNITIES

November 15, 2017

Faculty Research Opportunities

WVU Research and Global Affairs Collaborative International Seed Funding - In a collaborative effort, the Offices of Research, Global Affairs and the Energy Institute are pleased to announce an internal seed funding program to encourage research with an international dimension. For the first program year, the selected topical area will be energy. This includes projects that are exclusively energy and those with a partial emphasis on energy, examples include: energy/water; energy/food; energy policy/law or energy finance/management, and energy security. *The intention is to provide funding, awarded on a competitive basis, as a stepping stone to transition the international research effort to sustained external support.* **Application Due Date: a new targeted area of interest will be announced in late 2017/early**

2018. <https://research.wvu.edu/researchers/funding/internal-grants/international-research-seed-program>

Transition to Independent Environmental Health Research (TIEHR) Career Award (K01 Clinical Trial Required) - The Transitions to Independent Environmental Health (TIEHR) Career Award is a 3-year bridge scholar development program for newly independent faculty who intend to pursue research careers in environmental health sciences. At the conclusion of the career development period the candidates are expected to demonstrate they can successfully compete for research funding in the environmental health sciences. Companion Funding Opportunity is [PAR-18-291](#), [K01](#) Research Scientist Development Award - Research & Training. **Application Due Date(s): Standard dates apply.** <https://grants.nih.gov/grants/guide/pa-files/PAR-18-261.html>

CDC State Public Health Approaches to Addressing Arthritis - Arthritis has a profound economic, societal and personal impact. Medical care costs and earnings

losses among adults with arthritis were over \$303 billion in 2013.(1) Arthritis affects more than one in four adults in the United States, or 54 million+ adults which will increase to 78 million by 2040, and limits 24 million in performing daily tasks.(2) One in 3 adults in rural areas has arthritis and over half of these have arthritis-attributable activity limitation.(3) Arthritis is significant, not just because of its negative impact on function, physical activity and quality of life, but because it is associated with leading causes of death, such as heart disease and diabetes.(4,5) Arthritis can also limit physical activity, which is recommended management for all of these conditions. The rising number of adults with arthritis and associated pain and activity limitations, and its ability to complicate the management of other chronic conditions and risk factors responsible for death, presents a critical public health problem. This Notice of Funding Opportunity's (NOFO) purpose addresses arthritis findings and trends by soliciting applicants to implement state-based approaches to increase self-management behaviors and improve the quality of life of adults with arthritis. This 5-year funding opportunity is intended to leverage existing partnerships, systems and resources to establish complementary community and healthcare provider approaches to improve arthritis management and reduce arthritis burden. The applicant is to sustainably disseminate and thereby increase the availability of and participation in CDC-recommended AAEBIs, adopt innovative and systems-based approaches that will help establish or enhance healthcare provider patient counseling about PA, including walking, and referral to physical activity AAEBIs and 3 of 4 promote state level walking initiatives addressing the unique needs of adults with arthritis. In addition to activities addressing the applicant's target adult population, the applicant is expected to engage underserved adult populations in the state to address health disparities. Successful applicants are expected to be those with direct access to a sizeable percentage of the state population and who possess the capacity to carry-out activities that will have measurable, statewide impact on arthritis outcomes and associated health behaviors. This NOFO is expected to result in awards for 12-15 state programs addressing arthritis management using the strategies and approaches described throughout the NOFO. Up to one award will be made per state. **Application Due Date: April 2, 2018.** <https://www.grants.gov/web/grants/view-opportunity.html?oppld=298290>

Environmental Exposures and Health: Exploration of Non-Traditional Settings

(R01 Clinical Trial Optional) - The purpose of this funding opportunity announcement (FOA) is to encourage interdisciplinary research aimed at promoting health, preventing and limiting symptoms and disease, and reducing health disparities across the lifespan for those living or spending time in non-traditional settings (i.e. playgrounds and nursing homes). These settings result in exposure to environmental pollutants and toxins that result in health risks, symptoms, and other health conditions/diseases; including lower respiratory disease, chronic obstructive pulmonary disease, cardiovascular disease, and complex environmental exposures that may be exacerbated by non-chemical stressors encountered in community settings, physiological function of organs and systems of the fetus/child/adolescence, and lower respiratory disease. Risk identification and symptom management include prevention and behavior changes and actions to maintain health and prevent disease with an emphasis on the individual, family, and community which will advance nursing science. For purposes of this FOA, non-traditional settings include, but are not limited to, places such as community centers; pre-school and non-traditional school environments (e.g., churches, daycare, home-based schools, dormitories, alternative schools, and playgrounds); child and older adult foster care facilities; older adult day care facilities; half-way homes; and assisted living and long-term care facilities. Companion Funding Opportunity is [PA-18-](#)

[160](#), [R21](#) Exploratory/Developmental Grant. **Application Due Date(s): Standard dates apply.** <https://grants.nih.gov/grants/guide/pa-files/PA-18-142.html>

End-of-Life and Palliative Needs of Adolescents and Young Adults (AYA) with

Serious Illnesses (R01 Clinical Trial Optional) - The purpose of this funding opportunity announcement (FOA) is to foster research on the unique perspectives, needs, wishes, and decision-making processes of adolescents and young adults (AYA; defined by the World Health Organization and the Centers for Disease Control and Prevention as youth between 12 - 24 years of age) with serious, advanced illnesses; and research focused on specific end-of-life/palliative care (EOLPC) models that support the physical, psychological, spiritual, and social needs of AYA with serious illness, their families and caregivers. Companion Funding Opportunity is [PA-18-](#)

155, R21 Exploratory/Developmental Grant. **Application Due Date(s): Standard dates apply.** <https://grants.nih.gov/grants/guide/pa-files/PA-18-137.html>

Use of Technology to Enhance Patient Outcomes and Prevent Illness (R01 Clinical Trial Optional) - This Funding Opportunity Announcement (FOA) seeks clinical research focused on the development and utilization of technologies that can help address patient outcomes. Relevant areas of technology include remote healthcare delivery to patients via telehealth, robotics to enhance medication adherence, on-site (e.g., clinical or home setting) care delivery, mobile health to increase access and adherence, web-based decision support tools, and others. Research projects may focus on assessment, diagnosis, intervention development, or intervention implementation. Research projects that a) incorporate emerging and cutting edge technologies to explain and predict patient trajectories, b) inform interventions, c) support real-time clinical decision making, and d) facilitate effective long-term management of chronic illness are especially needed. Critical to this FOA, proposed research should identify specific patient outcomes expected to improve from technological approaches. The specific tools or interventions proposed should clearly indicate how they will enhance patient benefits in environments, such as clinical settings, and/or in the home and community. Companion Funding Opportunity is PA-18-

163, R21 Exploratory/Developmental Grant. **Application Due Date(s): Standard dates apply.** <https://grants.nih.gov/grants/guide/pa-files/PA-18-145.html>

American Physical Therapy Association (APTA) Section Health Policy and Administration Grant Program (HPA Grant Program) - The purpose of the Section Health Policy and Administration Grant Program is to stimulate, encourage and support research activities that enhance the body of knowledge related to health policy, clinical administration, global health, and the use of technology in physical therapy. The grants provide funding to assist new physical therapist investigators, or established investigators who are embarking on a new research agenda in these areas of physical therapist practice, leadership, administration, or education. Through this grant program, the Section hopes to encourage the development of proposals that will seek financial

support from external agencies. **Application Due Date: December 31, 2017.** <http://www.aptahpa.org/page/HPAGrant>

Phased Innovation Award for Mechanistic Studies to Optimize Mind and Body Interventions in NCCIH High Priority Research Topics (R61/R33 Clinical Trial Required) -

The purpose of this funding opportunity announcement (FOA) is to establish a phased research approach to investigate and optimize the mechanisms underlying Mind and Body Interventions. This FOA will support two-phased research applications. The first phase, funded by the R61 mechanism, will provide funding for up to two years to investigate the biological, neurological, physiological, and/or mechanisms or behavioral processes underlying a Mind and Body Intervention (e.g., meditation, spinal manipulation, massage, yoga, tai chi, hypnosis, or acupuncture). The second phase, funded under the R33 mechanism, will provide up to three years of support to: (1) optimize the mechanisms or processes identified in the R61 phase through further modifications to the intervention, (2) study the integration of approaches that may affect the same underlying mechanisms or processes, or (3) further study the relationship between the intervention and the underlying mechanism of action with a relevant target population. This second R33 phase should also aim to provide preliminary evidence that the mechanisms or processes modulated by the interventions are associated with functional outcomes or clinical benefits for specific conditions or disorders. Subject to the availability of funds, transition from the R61 to the R33 phase of the award will be administratively reviewed and will be determined by successful completion of "Go/No-Go Criteria" that need to be clearly specified in the R61 phase application. This FOA is not appropriate for clinical trials with the primary objectives to determine efficacy or effectiveness of clinical outcomes. Companion Funding Opportunities are [PAR-17-175](#), [UG3/UH3](#) Exploratory/Developmental Phased Award Cooperative Agreement, [PAR-18-118](#), [U01](#) Research Project-Cooperative Agreements and [PAR-18-115](#), [R33](#) Exploratory/Developmental Phased Award. **Application Due Date(s): February 1, 2018; October 1, 2018; May 31, 2019.** <https://grants.nih.gov/grants/guide/pa-files/PAR-18-114.html>

Mechanisms of Disparities for HIV- Related Co-morbidities in Health Disparity Populations (R01-Clinical Trial Not Allowed) -

The purpose of this initiative is to support research to determine the underlying mechanisms of how HIV related co-morbidities may influence the complexity of HIV/AIDS disease progression, quality of life and overall health outcomes among HIV positive individuals from health disparity populations. **Application Due Date: February 21,**

2018. <https://grants.nih.gov/grants/guide/rfa-files/RFA-MD-18-002.html>

Clinical Development of Minimally-Invasive Bioassays to Support Outpatient Clinical Trials of Therapeutics for Substance Use Disorders (R21 Clinical Trial Optional) -

This Funding Opportunity Announcement (FOA) encourages Research Project Grant (R21) applications from institutions/ organizations that propose to develop non-invasive methods to support outpatient clinical trials of pharmacotherapies for Substance Use Disorders (SUDs). Clinical trials evaluating the efficacy of medications to treat SUDs are limited by two major issues: a) uncertainty in assessing the level of a subject's adherence to the trial medication regimen and b) an inability to accurately and quantitatively monitor the frequency and level of a subject's illicit drug exposure). This FOA encourages the development of systems that address at least one of these issues. Applications submitted to this opportunity should focus around an outpatient clinical trial, with or without preclinical system development studies. Applications not seeking to test a minimally invasive bioassay system in a clinical trial are not appropriate for this opportunity. Companion Funding Opportunity is [PA-18-056](#), [R01](#) Research Project Grant. **Application Due Date(s): Standard**

dates apply. <https://grants.nih.gov/grants/guide/pa-files/PA-18-075.html>

NOAA Building the Environmental Literacy of K-12 Students and the Public for

Community Resilience - Projects should build the environmental literacy necessary for communities to become more resilient to the extreme weather and other environmental hazards they face. In order for communities to become more resilient, their members must have the ability to reason about the ways that human and natural systems function and interact; to understand the scientific process and uncertainty; to reason about the ways that people and places are connected to each other across time and space; and to

weigh the potential impacts of their decisions systematically. **Application Due Date: April 6, 2018.** <https://www.grants.gov/custom/viewOppDetails.jsp?oppld=298495>

Human Studies to Evaluate Promising Medications to Treat Alcohol Use Disorder (R01 Clinical Trial Required) - The objective of this Funding Opportunity Announcement (FOA) is to encourage applications that use human laboratory paradigms and/or clinical trials to evaluate the safety and efficacy of novel or re-purposed compounds, that bind to new targets, for treatment of alcohol use disorder (AUD) or AUD with a comorbid post-traumatic stress disorder. Companion Funding Opportunities are [PA-18-198 R03](#) Small Grant Program and [PA-18-197 R21](#) Exploratory/Developmental Grant. **Application Due Date(s): Standard dates apply.** <https://grants.nih.gov/grants/guide/pa-files/PA-18-192.html>

Diet and Physical Activity Assessment Methodology (R21 Clinical Trial Optional) - This Funding Opportunity Announcement (FOA) encourages innovative research to enhance the quality of measurements of dietary intake and physical activity. Applications submitted to this FOA may include development of: novel assessment approaches; better methods to evaluate instruments; assessment tools for culturally diverse populations or various age groups, including children and older adults; improved technology or applications of existing technology; statistical methods/modeling to improve assessment and/or to correct for measurement errors or biases; methods to investigate the multidimensionality of diet and physical activity behavior through pattern analysis; or integrated measurement of diet and physical activity along with the environmental context of such behaviors. Companion Funding Opportunity is [PAR-18-010, R01](#) Research Project Grant. **Application Due Date: June 16, 2018.** <https://grants.nih.gov/grants/guide/pa-files/PAR-18-112.html>

Functional Wellness in HIV: Maximizing the Treatment Cascade (R21 Clinical Trial Optional)- The National Institute of Nursing Research (NINR) seeks to promote the development of HIV interventions which target opportunities to improve the delivery of healthcare across the continuum of care for persons infected with HIV. Companion Funding Opportunity is [PA-18-136, R01](#) Research Project Grant. **Application Due**

Date(s): Standard dates apply. <https://grants.nih.gov/grants/guide/pa-files/PA-18-154.html>

Safety and Outcome Measures of Pain Medications Used in Children and Pregnant Women (R03 Clinical Trial Optional) - The purpose of this funding opportunity announcement (FOA) is to (1) promote preclinical, translational, clinical and epidemiological research in pain medications use in children or in pregnant women to fill knowledge gaps in safe use of the pain medications in these special populations; and (2) develop effective instruments or approaches to assess and evaluate maternal and child outcomes of pain medication treatments. There is a need for data on pain medications used in children and pregnant women to be shared and made available to the scientific community for future studies and to encourage replication of findings and meeting the goal of further advancing research in this area. Companion Funding Opportunities are [PA-18-038, R01](#) Research Project Grant and [PA-18-043, R21](#) Exploratory/Developmental Grant. **Application Due Date(s): Standard dates apply.** <https://grants.nih.gov/grants/guide/pa-files/PA-18-044.html>

Behavioral & Integrative Treatment Development Program (R03 Clinical Trial Optional) - The purpose of this FOA is to encourage investigators to propose discrete well-defined projects that can be completed within two years. Projects of interest fall within the research domain of behavioral or integrated (e.g., behavioral and pharmacological) interventions targeting: (a) substance abuse; (b) prevention of acquisition or transmission of HIV infection among individuals in drug abuse treatment; (c) promotion of adherence to drug abuse treatment, HIV and addiction medications; and (d) chronic pain. Specific examples include, but are not limited to studies focusing on: 1) Stage I intervention generation; 2) Stage I pilot or feasibility - and both should include the development of putative moderators, mediators, and change mechanisms; (3) Stage I studies to generate or refine drug abuse treatment or adherence interventions; (4) Stage I research to boost effects and increase implementability of interventions with creative use of technology or through other means. [PA-18-073, R34](#) Planning Grant Program and [PA-18-055, R01](#) Research Project

Grant. **Application Due Date(s): Standard dates apply.** <https://grants.nih.gov/grants/guide/pa-files/PA-18-074.html>

Pilot Effectiveness Trials for Treatment, Preventive and Services Interventions

(R34) - The purpose of this Funding Opportunity Announcement (FOA) is to encourage pilot research consistent with NIMH's priorities for: 1) effectiveness research on preventive and therapeutic interventions with previously demonstrated efficacy, for use with broader target populations or for use in community practice settings, and 2) research on the development and preliminary testing of innovative services interventions. Applications should provide resources for evaluating the feasibility, tolerability, acceptability and safety of approaches to improve mental health/functional outcomes, to modify risk factors, or to improve service delivery, and for obtaining the preliminary data needed as a pre-requisite to a larger-scale intervention trial (e.g., comparative effectiveness study, practical trial) or large-scale services study.

Companion funding opportunities are [RFA-MH-17-600](#), [R61/R33](#) Exploratory / Developmental Phased Award, [RFA-MH-16-602](#), [R33](#) Exploratory / Developmental Grants Phase II, [RFA-MH-17-604](#), [R61/R33](#) Exploratory/Developmental Phased Award, [RFA-MH-17-606](#), [R33](#) Exploratory / Developmental Grants Phase II, [RFA-MH-17-608](#), [R01](#) Research Project Grant, [RFA-MH-17-610](#), Collab [R01](#) Research Project Grant and [RFA-MH-17-614](#), [R01](#) Research Project Grant. **Application Due Date(s): February 14, 2018; June 15, 2018; and October 15, 2018.** <https://grants.nih.gov/grants/guide/rfa-files/RFA-MH-17-612.html>

Reducing Disparities in Vaccination Coverage by Poverty Status Among Young Children: An Assessment of Parental Experience, Barriers, and Challenges with Accessing Quality Vaccination Services

- The purpose of this Notice of Funding Opportunity (NOFO) is to gain a better understanding from the parents/guardians of young children about the factors contributing to vaccination coverage disparities observed between young children living below the poverty level and those living at or above the poverty level. These factors may include challenges accessing vaccination services, receiving lower quality vaccination services, Medicaid policy-related barriers, knowledge/attitudes/beliefs toward vaccination, and competing priorities. **Application**

Due Date: January 18, 2018. <https://www.grants.gov/web/grants/view-opportunity.html?oppld=294858>

HRSA Rapid Response Rural Data Analysis and Issue Specific Rural Research

Studies - This notice solicits applications for the Rapid Response Rural Data Analysis and Issue Specific Rural Research Studies program. The purposes of this program are to assist rural communities with (1) conducting rapid data analyses, and (2) short term issue-specific rural research studies to help communities and policymakers understand the impact of current and proposed policies and regulations as well as provide information that will improve access to health care and population health in rural America. Due to the nature of rural policy analysis and formulation, rural organizations and health care providers often require timely information that is available only through specialized analysis of databases of information compiled by the Centers for Medicare and Medicaid Services (CMS), other federal and state agencies, or private organizations. The awardee is responsible for collaborating with HHS agencies to compile and analyze the data that is requested in a timely manner. The awardee will also collaborate with rural stakeholders to determine what data sets are needed. These collaborative efforts are vital as most rural groups and individuals do not have the capacity to store the data sets, the staff expertise to refine and analyze the data nor the technology necessary to run statistical analyses. The awardee will be required to staff a rapid-response data analysis team capable of responding within 1-2 days to an estimated one-to-two requests per month from rural health stakeholders; the awardee will also be expected to design and complete one-to- two (depending on scope) 9-12 month short term issue-specific rural health studies per year of funding received. Findings from these analyses will be used to help inform rural health care providers and stakeholders such as the U.S. Department of Health and Human Services (HHS), Congress, states, and for-profit and non-profit entities (such as insurance companies and professional associations, respectively) that set policies impacting rural communities. **Application Due Date: February 20,**

2018. <https://www.grants.gov/web/grants/view-opportunity.html?oppld=295220>

HRSA Children's Safety Network Program - The purpose of this program is to reduce fatal and serious injuries among infants, children, and youth by supporting collaborative improvement among Title V agencies working to address child safety, including sudden unexpected infant deaths (SUID) and bullying. The program will accomplish this through two components: (1) providing capacity building services to Title V agencies in implementing effective child safety interventions in priority topic areas that are responsive to common state performance measures identified in the Title V State Action Plans; and (2) maintaining a coalition of national, state, and local agencies and other key stakeholders that support improvements in the adoption of evidence-based policies, programs, and practices. For the purposes of this notice of funding opportunity (NOFO), the term child safety applies to children ages 0-19 years nationally, and includes reductions in injury-related deaths, hospitalizations, and emergency department (ED) visits; SUID; and bullying. CSN will serve as the principal technical assistance provider to Title V agencies in their improvement efforts to address injury-related National Performance Measures (NPMs) pertaining to injury hospitalization (NPM 7), safe sleep behaviors (NPM 5), and bullying prevalence (NPM 9). **Application Due Date: January 16, 2018.** <https://www.grants.gov/web/grants/view-opportunity.html?oppld=295242>

Addressing Unmet Needs in Persons with Dementia to Decrease Behavioral Symptoms and Improve Quality of Life (R01 Clinical Trial Optional) - The purpose of this funding opportunity announcement (FOA) is to stimulate clinical research addressing behavioral and psychological symptoms of dementia (BPSD) and the association of BPSD with unmet physical, social, or environmental needs in persons with dementia. [PA-18-165](#), [R21](#) Exploratory/Developmental Grant. **Application Due Date(s): Standard dates apply.** <https://grants.nih.gov/grants/guide/pa-files/PA-18-147.html>

Personalized Strategies to Manage Symptoms of Chronic Illness (R01 Clinical Trial Optional) - The purpose of this initiative is to encourage interdisciplinary research to decrease symptom burden and enhance health-related quality of life (HRQL) in persons with chronic illness through a) increasing knowledge of the biological mechanisms of symptoms and b) promoting innovative, cost-effective, targeted

interventions to prevent, manage or ameliorate these symptoms. Companion Funding Opportunities are [PA-16-006](#), [R15](#) Academic Research Enhancement Award (AREA) and [PA-18-156](#), [R21](#) Exploratory/Developmental Grant. **Application Due**

Date(s): Standard dates apply. <https://grants.nih.gov/grants/guide/pa-files/PA-18-138.html>

Improving Individual and Family Outcomes through Continuity and Coordination

of Care in Hospice (R21 Clinical Trial Optional) - This funding opportunity announcement (FOA) seeks to stimulate research that focuses on reducing negative individual and family outcomes related to unwanted transitions at the end of life and optimizing the individual and family outcomes related to high quality coordination of care of care of individuals who are enrolled in hospice. This FOA emphasizes individuals who are receiving hospice care and their family caregivers, in any setting where hospice care is provided, including their home, a relative's home, a hospice inpatient facility, an assisted living facility, a short- or long-term care facility, or a hospital. Companion Funding Opportunity is [PA-18-148](#), [R01](#) Research Project Grant. **Application Due**

Date(s): Standard dates apply. <https://grants.nih.gov/grants/guide/pa-files/PA-18-166.html>

R40 Maternal and Child Health Field-Initiated Innovative Research Studies (FIRST)

Program- The Health Resources and Services Administration (HRSA), Maternal and Child Health Bureau (MCHB), Office of Epidemiology and Research is accepting applications for the fiscal year (FY) 2018 R40 Maternal and Child Health (MCH) Field-Initiated Innovative Research Studies (FIRST) Program. The purpose of this grant program is to advance the health and wellbeing of maternal and child health (MCH) populations, including children with special health care needs and the Title V Block Grant populations, through 3-year grants for innovative applied and translational intervention research studies. The program is specifically designed to promote innovation in the field by supporting the exploration of new ideas and the development of new interventions. Research should advance the current body of knowledge, and when implemented in states and communities, should result in health and health

services improvements. **Application Due Date: January 8,**

2018. <https://www.grants.gov/custom/viewOppDetails.jsp?oppld=295205>

FY18 Office of Population Affairs Data Analysis and Trends Research Grant - The project funded under this proposed announcement seeks applications from public and private nonprofit entities for one grant for family planning research. The purpose of this grant is to collect and analyze data on issues of interest to the family planning field.

Analysis and research may include, but are not limited to, the following: current services provided by Title X clinics and other family planning centers across the U. S. and how services have changed over time; how Title X clinics and other family planning centers clinics are assessing and taking steps towards assuring their long-term sustainability and how this has changed over time; current health insurance status of women and men seen at Title X clinics and other family planning centers and how this has changed over time; and the sexual risk behaviors and social support networks of clients seen at Title X clinics and other family planning centers and how this has changed over

time. **Application Due Date: March 30, 2018.** <https://www.grants.gov/web/grants/view-opportunity.html?oppld=298551>

Reducing Health Disparities Among Minority and Underserved Children (R21 Clinical Trial Optional) -This initiative encourages research that targets the reduction of health disparities among children. Investing in early childhood development is essential.

Specific targeted areas of research include bio-behavioral studies that incorporate multiple factors that influence child health disparities such as biological (e.g., genetics, cellular, organ systems), lifestyle factors, environmental (e.g., physical and family environments) social (e.g., peers), economic, institutional, and cultural and family influences; studies that target the specific health promotion needs of children with a known health condition and/or disability; and studies that test, evaluate, translate, and disseminate health promotion prevention and interventions conducted in traditional and non -traditional settings. Companion Funding Opportunity [PA-18-152](#), [R01](#) Research

Project Grant. **Application Due Date(s): Standard**

dates apply. <https://grants.nih.gov/grants/guide/pa-files/PA-18-169.html>

Promoting Caregiver Health Using Self-Management (R01 Clinical Trial Optional) -

The purpose of this initiative is to stimulate research in promoting caregiver health using self-management. Caregiving is an important science area since the number of people living longer with chronic conditions is growing. Informal caregivers (lay caregivers) are defined as unpaid individuals (spouses, partners, family members, friends, or neighbors) involved in assisting others with activities of daily living and/or medical tasks. Formal caregivers are paid, delivering care in ones home or care settings (daycare, residential care facility). This concept focuses on informal caregivers. **Application Due Date(s): Standard dates apply.** <https://grants.nih.gov/grants/guide/pa-files/PA-18-150.html>

Chronic Condition Self-Management in Children and Adolescents (R01 Clinical Trial Optional) -

The purpose of this Funding Opportunity Announcement (FOA) is to encourage research to improve self-management and quality of life in children and adolescents with chronic conditions. Managing a chronic condition is an unremitting responsibility for children and their families. Children with a chronic condition and their families have a long-term responsibility for self-management. This FOA encourages research that takes into consideration various factors that influence self-management such as individual differences, biological and psychological factors, family/caregivers and sociocultural context, family-community dynamics, healthcare system factors, technological advances, and the role of the environment. Companion Funding Opportunity is [PA-18-168](#), [R21](#) Exploratory/Developmental Grant. **Application Due Date(s): Standard dates apply.** <https://grants.nih.gov/grants/guide/pa-files/PA-18-151.html>

Mechanism for Time-Sensitive Drug Abuse Research (R21 Clinical Trial

Optional) - This Funding Opportunity Announcement (FOA) will support pilot, feasibility or exploratory research in 5 priority areas in substance use epidemiology and health services, including: 1) responses to sudden and severe emerging drug issues (e.g. the ability to look into a large and sudden spike in synthetic cannabinoid use/overdoses in a particular community); 2) responses to emerging marijuana trends and topics related to the shifting policy landscape; 3) responses to unexpected and time-sensitive

prescription drug abuse research opportunities (e.g., new state or local efforts); 4) responses to unexpected and time-sensitive medical system issues (e.g. opportunities to understand addiction services in the evolving health care system); and 5) responses to unexpected and time-sensitive criminal or juvenile justice opportunities (e.g. new system and/or structural level changes) that relate to drug abuse and access and provision of health care service. It should be clear that the knowledge gained from the proposed study is time-sensitive and that an expedited rapid review and funding are required in order for the scientific question to be answered. **Application Due**

Date(s): February 8, 2018; June 8, 2018; November 8,

2018. <https://grants.nih.gov/grants/guide/pa-files/PAR-18-064.html>