

SPHHP Research Activities Newsletter

University at Buffalo

May 2020

IN THE NEWS

Congratulations to the Following Awardees!



R. Lorraine Collins, Professor of Community Health and Health Behavior and Associate Dean for Research for SPHHP, is Co-I a continuation award from the National Institute on Alcohol Abuse and Alcoholism/NIH (PI: Ken Leonard, UB's Clinical and Research Institute on Addictions) for the project entitled, *Research Training on Alcohol Etiology and Treatment*. The award will continue to provide support for RIA's Postdoctoral Training Program. Established in 2000, the program provides six trainees with both general and individualized research training on the etiology and treatment of alcohol problems.



David Hostler, Professor and Chair of Exercise and Nutrition Sciences, is PI on a new award from Naval Sea Systems Command for the project entitled, *Rehydration Strategies for Post-Immersion Performance in a Warm Environment*. The study seeks to understand post immersion physical performance in longer duration work set in warm conditions that challenge thermoregulation and possibly impairs performance. With this understanding, the project could provide important information for Special Warfare operators and Navy Divers regarding the effects of dehydration on performance during combined water and land-based missions in a warm environment.



Vijaya Prakash Krishnan Muthaiah, Assistant Professor of Rehabilitation Science, is PI on a new award from the U.S. Department of Defense/U.S. Army Research Office for the project entitled, *Behavioral evidence of tinnitus and its correlation with ABR wave metrics in chinchilla induced by blast injury*. The award provides funding for pilot data to determine whether reduction in peripheral auditory nerve input to the brainstem following acoustic trauma can lead to tinnitus, thus setting the stage for more in-depth neurophysiological studies.



Ekaterina Noyes, Professor of Epidemiology and Environmental Health, is PI on a new award from Pharmavite for the project entitled, *Cost-effectiveness of nutritional therapy in cancer patients*. The project will study whether nutritional therapy in cancer patients is cost-effective from the payer and patient perspectives and whether out-of-pocket costs and access to nutritional therapy have improved for cancer patients with nutritional deficiencies after the Affordable Care Act.



Gregory Wilding, Professor and Chair of Biostatistics, is Co-I on a new award from the National Institute of Allergy and Infectious Diseases/NIH (PI: Jonathan Lovell, Biomedical Engineering) for the project entitled, *Rationally-Designed, Spontaneous-Particleized Pfs48/45 for a Multivalent Malaria Vaccine*. The project seeks to develop a vaccine which will block the transmission of Malaria by focusing the immune response towards the same target epitope of a potent monoclonal antibody against Pfs48/45, an antigen candidate, the structure of which was recently solved.

Inside this issue:

In the News	1
Grant Clinic	2-5
NIH Funding	
Limited	5-6
RFA	7-10
PAR	10-11
PA	11-12
Prevent Cancer Foundations	13
Individual Actions of Sustainability	13

GRANT CLINIC

General Notices

[NOT-CA-20-058](#)

Notice of a Joint Veterans Health Administration/National Cancer Institute Data Science Postdoctoral Fellowship - the Big Data Scientist Training Enhancement Program (BD-STEP)

The National Cancer Institute and the Veterans Health Administration of the Department of Veterans Affairs are recruiting postdoctoral fellows for the Big Data Scientist Training Enhancement Program (BD-STEP) to increase capacity for data-driven cancer research by supporting healthcare-focused data science training. BD-STEP fellows will each be assigned to work at one of four VA medical centers with clinicians, clinical scientists, and interdisciplinary researchers to address important patient-centered health challenges. While working in these unique clinical research environments, BD-STEP fellows will have valuable opportunities to utilize the extensive VA health data infrastructure. Annually, BD-STEP anticipates awarding up to twelve 2-year fellowships with full salary and benefits. Non-citizens are welcome to apply, but they are not eligible to receive salary and benefits through BD-STEP.

[NOT-DA-20-041](#)

NIDA offers Genotyping to Substance Abuse Disorder Investigators

The National Institute on Drug Abuse is offering free genotyping for existing extracted DNA samples from people suffering from substance abuse disorders, who have consented for addiction/and or genetic studies. The proposed samples for genotyping offered by investigators will be selected by administrative review by NIDA staff. The NIDA Center for Genetic Studies at RUDCR will do all the genotyping of samples submitted. These data once cleaned will be submitted into dbGaP, where they will be stored for a 6-month period prior to public data release per the NIH Genomic Data Sharing Policy. During that time submitting investigators will have the chance to analyze their own data. Once the data are released to the public there are no other time restrictions or embargo periods.

[NOT-RM-20-017](#)

Request for Information: Challenges and Opportunities in Precision Nutrition Research

The trans-NIH Precision Nutrition Working Group of the NIH Common Fund, in collaboration with the [NIH Nutrition Research Task Force](#), is seeking comments from the global community regarding conceptual, technical or methodological barriers limiting progress and to help prioritize research activities or community resources that are most likely to propel this field forward for the greater benefit of the biomedical research community. Check the RFI for research topics in need.

Request for Information

[NOT-AT-20-013](#)

Soliciting Input for the National Center for Complementary and Integrative Health's New Strategic Plan

The National Center for Complementary and Integrative Health is updating its Strategic Plan to guide the Center's research efforts and priorities over the next 5 years (2021-2026). Organizations are strongly encouraged to submit a single response that reflects the views of their organization and membership as a whole. Responses will be accepted until June 30, 2020.

Notice of Changes to Funding Opportunities

[NOT-OD-20-103](#)

Notice of Additional Due Date and Additional "Areas of Focus Especially of Interest" of PAR-19-373 and PAR-19-384, "Research on Biopsychosocial Factors of Social Connectedness and Isolation on Health, Wellbeing, Illness, and Recovery (R01)"

The purpose of this Notice is to add a "third due date" and additional "areas of focus especially of interest" for [PAR-19-373](#) and [PAR-19-384](#). In Part 1 of **both PARs**, under Key Dates, an additional application due date of June 8, 2020, is added. Modification of Funding Opportunity Description, two of the "Three areas of focus especially of interest to OppNet and participating NIH ICO's include, but are not limited to, those listed below". **Application Due Date(s):** March 17, 2020; *June 8, 2020*; March 17, 2021.

Notice of Special Interests

If you will be applying under any of the special interest topics listed below, please indicate so, including the NIH Notice number, in the Comments box of the RAS Questionnaire. The RAS staff will ensure that this information is included with the application to NIH.

[NOT-GM-20-025](#)

Notice of Special Interest (NOSI) regarding the Availability of Urgent Competitive Revisions for Research on Coronavirus Disease 2019 (COVID-19) and the Causative Virus SARS-CoV-2

NIGMS will accept the submission of applications for Competitive Revisions to active grants to address only the following research areas of interest:

- Incorporation of data related to SARS-CoV-2 into ongoing research efforts to develop predictive models for the spread of SARS-CoV-2 and other related infectious agents (all relevant grants).
- Repurposing or modification of diagnostic tools currently under development to enable rapid detection of SARS-CoV-2 infection (SBIR/STTR grants only).

Rapid development of potential therapeutic agents for COVID-19 (SBIR/STTR only).

Applications that are not responsive to the above research areas of interest will be withdrawn without review. Applications will be accepted on a rolling basis **from March 25, 2020 to February 5, 2021** of the applicant organization. **Expiration Date:** February 06, 2021

[NOT-CA-20-042](#)

National Cancer Institute Announcement Regarding Availability of Urgent Competitive Revision and Administrative Supplements on Coronavirus Disease 2019 (COVID-19)

Topics of specific interest to NCI include understanding the basic mechanisms of interaction between SARS-CoV-2 and cancer cells, co-morbidities of cancer and SARS-CoV-2 infection (especially in disparately affected patient populations), and the impacts on treatment and clinical outcomes of SARS-CoV-2 infected persons in the context of cancer. Submit applications for this initiative using [PA-18-591](#) and [PA-18-935](#). Applicants must include NOT-CA-20-037 in box 4B of the SF424 R&R form. Applications will be accepted on a rolling basis **from April 14, 2020, through June 25, 2020**

[NOT-CA-20-045](#)

Advancing Cancer Data Repositories and Knowledgebases

Through this NOSI, NCI will support the development of resources that are clearly linked to broad use cases in cancer research. This NOSI seeks applications that focus on establishment of new or continued development of established cancer data resources that use state-of-the-art and cost-effective technologies and approaches. Submit applications for this initiative using either [PAR-20-089](#) (data repositories), [PAR-20-097](#) (knowledgebase), or [ITCR RFAs](#). Applicants must include NOT-CA-20-045 in box 4b of the SF424 R&R form. **First Available Due Date:** September 25, 2020

[NOT-MH-20-020](#)

Stigma or Other Social Determinants of Health (SDOH) in HIV Prevention and Treatment

Applicants are strongly encouraged to utilize community-informed participatory research approaches to meaningfully engage communities most impacted by social determinants in HIV to help frame research questions and approach and to synthesize findings in order to inform effective policy and programming. Research teams are encouraged to include experts across disciplines, sectors, conditions and communities. The strategic integration of mixed methodologies is also strongly encouraged. Finally, non-intervention research applications should clearly indicate how this is the first step in a planned program of research that would inform future interventions to reduce the impact of social determinants of health on HIV prevention and treatment outcomes. For funding consideration, applicants must include "NOT-MH-20-013" (without quotation marks) in box 4B of the SF424 R&R form. **Application Due Dates:** Standard due dates **Expiration Date:** May 08, 2023

[NOT-MH-20-023](#)

Strengthening the HIV Care Continuum

This Notice calls for research on understanding and addressing gaps in the HIV care continuum. An important aspect of this will be collaborations between the scientific and service entities in communities. Research teams are strongly encouraged to have academic and Department of Health (DOH) or Ministry of Health (MOH) partnerships for the research applications, in order to optimize the match of the research directions with local needs, and to optimize the public health impact of the research implementation and findings. Applications should be submitted using one of the parents FOAs. For funding consideration, applicants must include "NOT-MH-20-023" (without quotation marks) in box 4B of the SF424 R&R form. **Application Due Dates:** Standard due dates **Expiration Date:** May 08, 2023

[NOT-MH-20-024](#)

Implementation Science to Advance the United States HIV Prevention and Treatment Goals and the Global HIV Prevention and Treatment Targets

The National Institute of Mental Health is issuing this Notice to highlight interest in receiving implementation research grant applications designed in partnership with domestic and global service providers. These applications should target the unique needs in jurisdictions, both in cities and rural areas, that have been disproportionately affected by the HIV/AIDS epidemic in the US, and globally. For funding consideration, applicants must include "NOT-MH-20-024" (without quotation marks) in box 4B of the SF424 R&R form. **Application Due Dates:** Standard due dates **Expiration Date:** May 08, 2023

[NOT-MH-20-035](#)

Developmentally Tailored HIV Prevention and Care Research for Adolescents and Young Adults

The NIMH highlights interest in receiving grant applications developmentally on tailored research focused on adolescents and emerging adults as it relates to HIV prevention and treatment. This notice is calling for research on HIV treatment and prevention that focuses more on developmental factors. For funding consideration, applicants must include "NOT-MH-20-035" in box 4B of the SF424 R&R form. **Application Due Dates:** Standard due dates **Expiration Date:** May 08, 2023

[NOT-AT-20-011](#)

Availability of Administrative Supplements and Urgent Competitive Revisions for Research on Stress Management in Relation to Coronavirus Disease 2019 (COVID-19)

Topics of specific interest for this NOSI include research on stress management strategies, including mind and body approaches, that individuals may engage in remotely to address stressors related to social distancing, as well as to address recovery and recurrence of symptoms during and after COVID-19 infections. NCCIH intends to fund up to three awards in response to this NOSI. Priority will be given to studies that have the potential to produce highly impactful results and use a rigorous study design to address a testable hypothesis. Applicants must include NOT-AT-20-01 in box 4B of the SF424 R&R form. Applications will be accepted on a rolling basis through October 6, 2020

[NOT-MD-20-019](#)

Competitive and Administrative Supplements for the Impact of COVID-19 Outbreak on Minority Health and Health Disparities

Applications to examine how a disrupted workforce may adequately respond/adapt to and maintain services or provide additional care for new or worsening mental health needs where we anticipate health disparities will be most prominent will be seen as a high priority. Individual requests can be no more than \$125,000 in direct costs. Applications must be submitted using [PA-18-591](#) or [PA-18-935](#). Applicants must include NOT-MD-20-019 in box 4B of the SF424 R&R form. Applications will be accepted on a rolling basis from May 01, 2020 through May 01, 2021.

[NOT-DA-20-047](#)

Notice of Special Interest (NOSI) regarding the Availability of Administrative Supplements and Urgent Competitive Revisions for Research on the 2019 Novel Coronavirus

NIDA is issuing this Notice of Special Interest (NOSI) to highlight the urgent need for research on the 2019 Novel Coronavirus (2019-nCoV, also known as COVID-19). NIDA is especially interested in research collecting and examining data on the risks and outcomes for COVID-19 infection in individuals suffering from substance use disorders. Applications must be submitted using [PA-18-591](#) or [PA-18-935](#). Applicants must include NOT-DA-20-047 in box 4B of the SF424 R&R form. Applications will be accepted on a rolling basis through March 31, 2021

[NOT-AA-20-011](#)

Availability of Administrative Supplements and Competitive Revision Supplements on Coronavirus Disease 2019 (COVID-19) within the Mission of NIAAA

Research is needed to understand the potentially complex relationships between alcohol consumption and COVID-19 related-outcomes to enhance the nation's response to the current pandemic. NIAAA is encouraging research in those that capitalize on existing research cohorts, to investigate urgent research questions of significance to the COVID-19 pandemic within the general population and among underserved populations, such as racial, ethnic and gender minorities, individuals with low socioeconomic status, and those who are incarcerated or homeless. Applications must be submitted using [PA-18-591](#) or [PA-18-935](#). Applicants must include NOT-AA-20-011 in box 4B of the SF424 R&R form. Applications will be accepted on a rolling basis through April 15, 2021.

[NOT-DA-20-038](#)

Implementation of Clinical Care Guidelines on Opioid Prescribing for Pain Management

This NOSI seeks applications that will test multifaceted implementation strategies for evidence-based clinical guidelines on opioid prescribing for pain management, in order to (1) increase guideline-concordant clinical care behaviors; (2) generate measurable, timely, and sustainable changes in clinical behavior across entire healthcare systems; and (3) improve patient outcomes. This notice applies to due dates on or after July 17, 2020 and subsequent receipt dates through January 8, 2023. Submit applications for this initiative using [PAR-18-222](#). Applicants must include "NOT-DA-20-038" in box 4B of the SF424 R&R form.

[NOT-HL-20-782](#)

Availability of Emergency Competitive Revisions on Coronavirus Disease 2019 (COVID-19) for Currently Active NHLBI Phase I-III Clinical Trials

This NOSI is due to the urgent need for early phase clinical trials to evaluate new or existing interventions that may prevent or treat COVID-19. NHLBI seeks to leverage existing clinical trials expertise and, using NHLBI programs that are actively conducting Phase I-III clinical trials, to rapidly initiate and conduct Phase I-Phase I/II (bridging) clinical trials in patients at risk for SARS-CoV-2 infection and/or patients with COVID-19. Programs currently conducting research without an active Phase I-III clinical trial may wish to consider applications to [NOT-HL-20-757](#). Applications for this initiative must be submitted to [PA-20-135](#). Applications will be accepted on a rolling basis from May 1, 2020 through October 5, 2020. Applicants must include NOT-HL-20-782 in box 4B of the SF424 R&R form.

[NOT-LM-20-011](#)

Data Driven Research on Coronavirus Disease 2019 (COVID-19)-R21 Clinical Trial Not Allowed

NLM is issuing this Notice of Special Interest (NOSI) to highlight the urgent need for innovative high-risk/high impact research on Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) and Coronavirus Disease 2019 (COVID-19) in relation to NLM's strategic goal of fostering data driven research. Submit applications through [PA-19-053](#). Applicants must include "NOT-LM-20-011" in box 4B of the SF424 R&R form. **Due date:** June 16, 2020

[NOT-NS-20-051](#)

Availability of Urgent Competitive Revisions and Administrative Supplements for Research on Biological Effects of the 2019 Novel Coronavirus on the Nervous System

NINDS is issuing this Notice of Special Interest (NOSI) to highlight the urgent need for research on Coronavirus Disease 2019 (COVID-19) and on biological effects on the nervous system of its causative agent, the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2). Applications must submit through [PA-18-591](#) and [PA-18-935](#). Applicants must include "NOT-NS-20-051" in box 4B of the SF424 R&R form.

[NOT-RM-20-015](#)

Availability of Emergency Competitive Revisions for Research on Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) and Coronavirus Disease 2019 (COVID-19)

The Office of Strategic Coordination (OSC), which manages the Common Fund, is issuing this Notice of Special Interest (NOSI) to stimulate innovative research on Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) and the disease it causes, Coronavirus Disease 2019 (COVID-19). OSC seeks new, innovative perspectives and approaches to the prevention of, preparation for, or response to coronavirus SARS-CoV-2, domestically or internationally. A pre-application information session teleconference will be held for potential applicants. Check the website for more information: <https://commonfund.nih.gov/covid19> Applications will be accepted on a rolling basis from April 15, 2020 through June 19, 2020.

[NOT-GM-20-033](#)

Availability of Urgent Award for Competitive Revisions to IDeA-CTR Awards to Address the Need for Documenting 2019 Novel Coronavirus Disease (COVID-19)-Related Patient Outcomes

NIGMS will accept applications for Competitive Revisions to active IDeA-CTR U54 awards to rapidly provide supplementary funds to create a registry of COVID-19 patients across IDeA states that includes a comprehensive set of deidentified clinical data elements. To reap the highest health benefit, the registry should be a secure clinical data portal that offers controlled access to clinicians providing care to patients and researchers studying the spread of SARS-CoV-2 and/or the pathology of COVID-19 for public health intervention measures. Applications must submit through [PA-18-935](#). Applicants must include "NOT-GM-20-033" in box 4B of the SF424 R&R form. Application Due Date: June 18, 2020.

NIH FUNDING OPPORTUNITIES

LIMITED SUBMISSIONS

Prior approval from UB is required for the following funding opportunities. If you are interested in applying to any of the **limited submissions** listed below, please provide the OVPRED with notification through the [Limited Submissions Mailbox](#) at least 60 days prior to the sponsor's submission deadline before proceeding with an application. As of August 8, 2019, the Limited Submission Program is being managed by Dr. Joseph Balthasar, Executive Director of Research Initiatives, on behalf of the OVPRED. He may be contacted at jb@buffalo.edu or by phone at 645-3321 for any questions or advice about the limited submission process.

[PAR-20-106 \(P30\)](#) clinical trial not allowed

Centers for AIDS Research (CFAR)

The CFAR program supports research and administrative infrastructure and translational HIV/AIDS research activities at institutions that receive significant HIV/AIDS funding from NIH Institutes or Centers. CFARs are designed to foster synergy and improve coordination of research, support emerging research opportunities, and promote efficiencies through resources shared by multiple independent laboratories. CFARs are intended to promote NIH HIV/AIDS research efforts at CFAR institution(s). *Only one application per institution is allowed.* **Application Due Date:** July 28, 2020.

[PAR-20-107 \(P30\)](#) clinical trial not allowed

Developmental Centers for AIDS Research (D-CFAR)

The purpose of this program is to provide core facilities, expertise, resources, and services not readily obtained through more traditional funding mechanisms. D-CFAR's provide support to investigators in the development of a competitive standard CFAR. The Centers will allow applicants to develop collaborations, experiment with Core facilities, and to build and strengthen any deficiencies that might adversely affect an application for a standard CFAR award. *Only one application per institution is allowed.* **Application Due Date:** July 28, 2020.

[RFA-AG-21-019 \(P30\)](#) clinical trial not allowed

Alzheimers Disease Research Centers (ADRC)

NIA-designated ADRCs serve as major sources of discovery into the nature of Alzheimer's disease and Alzheimer's disease-related dementias (AD/ADRD) and into the development of more effective approaches to prevention, diagnosis, care, and therapy. They contribute significantly to the development of shared resources that support dementia-relevant research, and they collaborate and coordinate their research efforts with other NIH-funded programs and investigators. *Only one application per institution is allowed.* **Application Due Date:** September 15, 2020

[RFA-AG-21-009 \(P30\)](#) clinical trial optional

Artificial Intelligence and Technology Collaboratories for Aging Research

The AITC program will serve as a national resource to promote the development and implementation of artificial intelligence approaches and technology through demonstration projects to improve care and health outcomes for older Americans, including persons with dementia (PWD) and their caregivers. *Only one application per institution is allowed.* **Application Due Date:** October 1, 2020

[RFA-HS-20-003](#)

Novel, High-Impact Studies Evaluating Health System and Healthcare Professional Responsiveness to COVID-19 (R01)

AHRQ is interested in funding critical research focused on evaluating topics such as effects on quality, safety, and value of health system response to COVID-19; the role of primary care practices and professionals during the COVID-19 epidemic; understanding how the response to COVID-19 affected socially vulnerable populations and people with multiple chronic conditions; and digital healthcare including innovations and challenges encountered in the rapid expansion of telehealth response to COVID-19. **Application Due Date:** June 15, 2020 by 5:00 PM.

[RFA-AI-19-073 \(U01\)](#) **Clinical Research Center (CRC), clinical trial optional**

[RFA-AI-19-074 \(UM1\)](#) **Clinical Research Network – Leadership Center (LC), clinical trial required**

Childhood Asthma in Urban Settings

The CRC will conduct both network-wide and site-specific clinical studies and trials with the ultimate goal of developing effective asthma treatment or prevention approaches applicable to children residing in low-income urban settings. The LC will provide the overall scientific strategy and organizational structure to the CAUSE Clinical Research Network and will interact closely with the CRCs to support the conduct of multi-site clinical studies and trials. *Only one application allowed per institute.* **Application Due Date:** June 19, 2020

[PAR-20-106 \(P30\)](#) clinical trial not allowed

Centers for AIDS Research (CFAR)

The CFAR program supports research and administrative infrastructure and translational HIV/AIDS research activities at institutions that receive significant HIV/AIDS funding from NIH Institutes or Centers. CFARs are designed to foster synergy and improve coordination of research, support emerging research opportunities, and promote efficiencies through resources shared by multiple independent laboratories. CFARs are intended to promote NIH HIV/AIDS research efforts at CFAR institution(s). *Only one application per institution is allowed.* **Application Due Date:** July 28, 2020

[PAR-20-107 \(P30\)](#) clinical trial not allowed

Developmental Centers for AIDS Research (D-CFAR)

The purpose of this program is to provide core facilities, expertise, resources, and services not readily obtained through more traditional funding mechanisms. D-CFAR's provide support to investigators in the development of a competitive standard CFAR. The Centers will allow applicants to develop collaborations, experiment with Core facilities, and to build and strengthen any deficiencies that might adversely affect an application for a standard CFAR award. *Only one application per institution is allowed.* **Application Due Date:** July 28, 2020

[RFA-AG-21-019 \(P30\)](#) clinical trial not allowed

Alzheimers Disease Research Centers (ADRC)

NIA-designated ADRCs serve as major sources of discovery into the nature of Alzheimer's disease and Alzheimer's disease-related dementias (AD/ADRD) and into the development of more effective approaches to prevention, diagnosis, care, and therapy. They contribute significantly to the development of shared resources that support dementia-relevant research, and they collaborate and coordinate their research efforts with other NIH-funded programs and investigators. *Only one application per institution is allowed.* **Application Due Date:** September 15, 2020

[RFA-AG-21-009 \(P30\)](#) clinical trial optional

Artificial Intelligence and Technology Collaboratories for Aging Research

The AITC program will serve as a national resource to promote the development and implementation of artificial intelligence approaches and technology through demonstration projects to improve care and health outcomes for older Americans, including persons with dementia (PWD) and their caregivers. *Only one application per institution is allowed.* **Application Due Date:** October 1, 2020

REQUESTS FOR APPLICATIONS (RFA)

July Due Dates

[RFA-AG-21-016 \(U01\)](#) clinical trial optional

Planning Projects for Clinical Trials on Effects of Sustained Reductions in Caloric Intake and Related Dietary Practices in Younger and Older Persons

This FOA invites applications for 3-year planning projects for trials in either of two age ranges (25 to <50 or ≥50 years of age) to determine the effects of sustained (e.g. 5-year) caloric restriction (CR) and other interventions that modify the amount, timing, or composition of nutrient intake on risk factors for aging-related conditions and mechanisms that may influence health span and longevity. **Application Due Date:** July 23, 2020

[RFA-AI-20-024 \(R61/R33\)](#) clinical Trial Not Allowed

Long Acting Treatments for HIV and HIV-Associated Co-Infections

This Funding Opportunity is to stimulate new and innovative multidisciplinary research in the area of long acting therapeutics for HIV and HIV-associated tuberculosis (TB) and viral hepatitis B and C. Applications are sought that lead to new effective therapies for administration once per month or less frequently as oral, injectable, implantable, or transdermal products. NIAID intends to commit \$3.5M in FY 2021 to fund 3-5 awards. **Application Due Date:** July 28, 2020

[RFA-CA-20-030 \(UG3/UH3\)](#) clinical Trial Not Allowed

Utilizing Cohort Studies to Address Health Outcomes in Cancer Survivors

The National Cancer Institute (NCI) invites applications to support research in new and innovative cohort studies that identify clinical, lifestyle, genomic, and other factors that affect health outcomes (e.g., morbidity, mortality, quality of life, physical, social, and psychological outcomes) in cancer survivors (i.e., from diagnosis to the end of life). Applications must identify the scientific gap that the study addresses, which may include emerging treatments, less common cancer sites, and/or understudied populations of cancer survivors with disparities.

Application Due Date: July 7, 2020

[RFA-CA-20-027 \(R01\)](#) clinical Trial Optional

[RFA-CA-20-028 \(R21\)](#) clinical Trial Optional

Research to Reduce Morbidity and Improve Care for Pediatric, and Adolescent and Young Adult (AYA) Cancer Survivors

The NCI intends to support research projects that improve the care and/or quality of life for childhood, and adolescent young adult (AYA) cancer survivors. Specifically, this FOA solicits applications that use mechanistic, observational and/or interventional study designs to understand and/or to address one or more of the following domains related to survivor outcomes:

- (1) disparities in survivor outcomes;
- (2) barriers to follow-up care (e.g. access, adherence);
- (3) impact of familial, socioeconomic, and other environmental factors on survivor outcomes;
- (4) indicators for long-term follow-up needs related to risk for late effects, recurrence, and subsequent cancers;
- (5) risk factors and predictors of late/long-term effects of cancer treatment; and
- (6) development of targeted interventions to reduce the burden of cancer for pediatric/AYA survivors.

Application Due Date: July 31, 2020; July 30, 2021

August Due Dates

[RFA-DA-21-001 \(R34\)](#) Clinical Trial Required **Application Due Date:** August 11, 2020

[RFA-DA-21-002 \(R21\)](#) Clinical Trial Optional **Application Due Date:** August 12, 2020

Reducing Stigma Related to Drug Use in Human Service Settings

One of the most important barriers to the provision and utilization of HIV prevention and care services is stigma, which is defined as an identity marked by disgrace, disapproval or shame, which often leads to discriminatory treatment by others. This RFA will support pilot or feasibility studies of new or adapted interventions to reduce stigma that impedes the provision and utilization of HIV care and prevention services.

September Due Dates

[RFA-MH-20-128 \(R01\)](#) clinical trial not allowed

BRAIN Initiative: Standards to Define Experiments Related to the BRAIN Initiative

This FOA solicits applications to develop standards that describe experimental protocols that are being conducted as part of the BRAIN Initiative. It is expected that applications will solicit community input at all stages of the process. It is recommended that the first step of standard development will involve sharing data between different key groups in the experimental community in order to ensure that the developing standard will encompass the data collection efforts of those groups. The developed standard is expected to be broadly disseminated for use and widely available. **Application Due Date:** September 3, 2020

[RFA-CA-20-019 \(R21\)](#) Innovative Biospecimen Science Technologies for Basic and Clinical Cancer Research
[RFA-CA-20-020 \(R33\)](#) Advanced Development and Validation of Emerging Biospecimen Science Technologies for Basic and Clinical Cancer Research

This FOA solicits grant applications proposing exploratory research projects focused on the early-stage development of highly innovative technologies that improve the quality of the samples used for cancer research or clinical care. This includes new capabilities to address issues related to pre-analytical degradation of targeted analyses during the collection, processing, handling, and/or storage of cancer-relevant biospecimens. **Application Due Dates:** September 29, 2020

October Due Dates

[RFA-AG-21-015 \(U19\)](#) clinical trial not allowed

Network for Identification, Evaluation, and Tracking of Older Persons with Superior Cognitive Performance for Their Chronological Age

This FOA invites applications to establish a network to identify, evaluate, track, and conduct research across multiple sites on older adults with superior cognitive performance for their age. The activity would support aggregation of sufficient numbers of these individuals to advance the field's understanding of factors that promote sustained cognitive health and those that are not of primary importance. Uniform identification and uniform data collection will allow the study of the behavioral, neurological, health, genetic, environmental, and lifestyle profiles that lead to sustained cognitive and brain function in advanced age. **Application Due Date:** October 1, 2020

[RFA-AG-21-018 \(R24\)](#) clinical trial not allowed

Artificial Intelligence and Technology Collaboratories for Aging Research Coordinating Center (AITCC)

The AITCC will serve as a hub for the AITC program and will facilitate and coordinate trans-AITC activities. The AITCC will work closely with the NIA Program Officer (e.g., maintain a centralized database to track and synthesize progress and outcomes of each Collaboratory) and, in coordination with all AITC sites, will be responsive to requests generated by key AITC site personnel, NIA, NIH, the scientific community, and the general public. **Application Due Date:** October 1, 2020

[RFA-AG-21-011 \(R01\)](#) clinical trial optional

Central and Peripheral Control of Balance in Older Adults

This FOA is driven by the need to address a major gap in our understanding of how aging impacts the vestibular system, which, when impaired, contributes to balance problems and an increased risk of falls in older adults. Additionally, given that balance impairment can be attributed to a number of factors (e.g. sensory, motor, cognitive, psychological, and vascular function), understanding the contribution of age-related vestibular loss, and how this interacts with these factors, is critical for informing interventions and treatments for balance problems and falls in older adults. **Application Due Date:** October 2, 2020

November Due Dates

[RFA-CA-20-004 \(R01\)](#); [RFA-CA-20-005 \(R21\)](#) clinical trial optional

Research Answers to NCI's Provocative Questions

These FOAs support research projects designed to solve specific problems and paradoxes in cancer research identified by the National Cancer Institute Provocative Questions Initiative. The current issuance of the PQ Initiative includes an updated set of 9 PQs. Please refer to the funding announcements for the updated list.

Application Due Dates: November 17, 2020

Multiple Due Dates

[RFA-CA-20-007 \(R21\)](#) clinical trial optional

Development of Innovative Informatics Methods and Algorithms for Cancer Research and Management

This FOA invites applications for the development of innovative methods and algorithms in biomedical computing, informatics, and data science addressing priority needs across the cancer research continuum including cancer biology, cancer treatment and diagnosis, early cancer detection, risk assessment and prevention, cancer control and epidemiology, and/or cancer health disparities. **Application Due Dates:** June 9, 2020; November 18, 2020

[RFA-CA-20-008](#) Early Stage Development (U01)

[RFA-CA-20-009](#) Advanced Development (U24)

[RFA-CA-20-010](#) Sustained Support (U24)

Informatics Technologies for Cancer Research and Management – clinical trial optional

The central mission of these FOAs is to promote research-driven informatics technology across the development lifecycle to address priority needs in cancer research. In order to be successful, proposed development plans must have a clear rationale on why the proposed technology is needed and how it will benefit the cancer research field. In addition, mechanisms to solicit feedback from users and collaborators throughout the development process must be included.

[RFA-NS-19-043 \(K99/R00\)](#) clinical trial not allowed
[RFA-NS-19-044 \(K99/R00\)](#) independent clinical trial required

BRAIN Initiative Advanced Postdoctoral Career Transition Award to Promote Diversity

This program is designed to facilitate a timely transition of outstanding postdoctoral researchers with a research and/or clinical doctorate degree from mentored, postdoctoral research positions to independent, tenure-track or equivalent faculty positions. The BRAIN Initiative is aimed at revolutionizing our understanding of the human brain. By accelerating the development and application of innovative technologies, researchers will be able to produce a new dynamic picture of the brain that, for the first time, will show how individual cells and complex neural circuits interact in both time and space.

Application Due Dates: June 10, 2020; October 9, 2020; February 10, 2021; June 9, 2021; October 6, 2021; February 10, 2022; June 8, 2022; October 11, 2022

[RFA-CA-19-034 \(P20\)](#) clinical trial optional

Feasibility and Planning Studies for Development of Specialized Programs of Research Excellence (SPOREs) to Investigate Cancer Health Disparities

The P20 grants will support feasibility and planning activities to build comprehensive cancer health disparities research programs. All applications must propose translational research that will contribute to improved prevention, early detection, diagnosis, and/or treatment of cancers found to disproportionately affect specific racial/ethnic minority populations.

Application Due Dates: June 19, 2020, and October 18, 2020

[RFA-OD-20-008 \(K01\)](#) clinical trial not allowed

[RFA-OD-20-011 \(K01\)](#) clinical trial required

Mentored Research Scientist Career Development Award in Tobacco Regulatory Research

This award provides support and protected time (2-5 years) for an intensive, supervised career development experience in biomedical, behavioral, and social science research that will inform the development and evaluation of regulations on tobacco product manufacturing, distribution, and marketing and that will lead to research independence. Candidates for the K01 award must have a research or health-professional doctoral degree. **Application Due Dates:** July 8, 2020, February 08, 2021, October 08, 2021, July 8, 2022

[RFA-OD-20-009 \(K99/R00\)](#) clinical trial not allowed

[RFA-OD-20-010 \(K99/R00\)](#) clinical trial required

Pathway to Independence Award in Tobacco Regulatory Research

This program is designed to facilitate a timely transition of outstanding postdoctoral researchers with a research and/or clinical doctorate degree from mentored, postdoctoral research positions to independent, tenure-track or equivalent faculty positions. This program will provide independent research support during this transition in order to help awardees launch competitive, independent research careers. **Application Due Dates:** July 8, 2020, February 08, 2021, October 08, 2021, July 8, 2022

[RFA-OD-19-028 \(R01\)](#) clinical trial optional

Tobacco Regulatory Science

This FOA supports biomedical and behavioral research that will provide scientific data to inform regulation of tobacco products to protect public health. Research Projects must address the research priorities related to the regulatory authority of the Food and Drug Administration (FDA) Center for Tobacco Products (CTP).

Application Due Dates: July 17, 2020, February 13, 2021

[RFA-DA-19-019 \(R43/R44\)](#) clinical trial optional

[RFA-DA-19-020 \(R41/R42\)](#) clinical trial optional

America's Startups and Small Businesses Build Technologies to Stop the Opioid Crisis

These FOAs invite applications from US small business concerns to develop technologies to provide science-and research-based solutions to the opioid emergency. **Application Due Dates:** September 8, 2020, April 9, 2021, September 8, 2021

[RFA-NS-20-008 \(R41/R42\)](#); [RFA-NS-20-010 \(R43/R44\)](#) clinical trial required

[RFA-NS-20-009 \(R41/R42\)](#); [RFA-NS-20-011 \(R43/R44\)](#) clinical trial not allowed

HEAL INITIATIVE: Development of Therapies and Technologies Directed at Enhanced Pain Management

These FOAs aim to speed scientific solutions to stem the national opioid public health crisis by supporting the development of therapies and technologies directed at enhanced pain management. They are focused on applications directed at improving pain treatment, including the development of new non-addictive medications and devices and objective pain measurement. In addition, NIH is interested in new screening tools and models focused specifically on pain and development of pain therapies. **Application Due Dates:** September 9, 2020, January 6, 2021, April 6, 2021, September 8, 2021, January 6, 2022, April 6, 2022, and September 8, 2022

[RFA-HL-19-024 \(R25\)](#) clinical trial not allowed

Short-Term Research Education Program to Increase Diversity in Health-Related Research

The over-arching goal of this program is to support educational activities that enhance the diversity of the biomedical, behavioral and clinical research workforce by providing research experiences and related opportunities that enrich the pool of individuals from nationally underrepresented groups who will be available to compete for research opportunities in the mission areas of importance to NHLBI. **Application Due Dates:** September 10, 2020, February 26, 2021

[RFA-OD-19-022 \(R21\)](#) clinical trial not allowed

Secondary Analyses of Existing Datasets of Tobacco Use and Health

This FOA supports research proposing the innovative analysis of existing (publicly available) nationally representative U.S. cross-sectional and longitudinal data, to investigate novel scientific ideas and/or to generate new models, systems, tools, methods, or technologies that have the potential for significant impact on biomedical or biobehavioral research in areas relevant to the Food and Drug Administration (FDA) - Center for Tobacco Products (CTP).

Application Due Dates: July 20, 2020, March 8, 2021

[RFA-OD-19-021 \(R21\)](#) clinical trial not allowed

Maximizing the Scientific Value of Existing Biospecimen Collections: Scientific Opportunities for Exploratory Research

This FOA invites applications to stimulate exploratory research relevant to the mission of the Food and Drug Administration (FDA) - Center for Tobacco Products (CTP) using existing (publicly available) biospecimens currently stored in repositories in the United States. Research results from this FOA are expected to generate findings and data that are directly relevant in informing the FDA's regulation of the manufacture, distribution, and marketing of tobacco products to protect public health. **Application Due Dates:** August 7, 2020, March 8, 2021

[RFA-ES-19-011 \(R21\)](#) – clinical trial not allowed

Mechanism for Time-Sensitive Research Opportunities in Environmental Health Sciences

This FOA supports novel environmental health research in which an unpredictable event or policy change provides a limited window of opportunity to collect human biological samples or environmental exposure data. A distinguishing feature of an appropriate study is the need for rapid review and funding, substantially shorter than the typical NIH grant review/award cycle, for the research question to be addressed and swiftly implemented. **Application Due Dates:** Monthly due dates starting November 1, 2019; please refer to the RFA.

Program Announcements Reviewed by an Institute (PAR)

[PAR-20-177](#) **Emergency Awards: Rapid Investigation of SARS-CoV-2, COVID-19 (R21 Clinical Trial Not Allowed)**

[PAR-20-178](#) **Emergency Awards: Rapid Investigation of SARS-CoV-2, COVID-19 (R01 Clinical Trial Not Allowed)**

NIAID is issuing this FOA to provide an expedited funding mechanism for research on Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) and Coronavirus Disease 2019 (COVID-19). Applications will be accepted on a rolling basis, beginning on 04/30/2020. PAR-20-177 uses the R21 mechanism, PAR-20-178 uses the R01 grant mechanism.

[PAR-20-179](#) **(R01 Clinical Trial Optional)**

Advancing Research to Develop Improved Measures and Methods for Understanding Multimorbidity This FOA invites applications that seek to improve the availability, quality, and utility of data and measures that capture multimorbidity or multiple chronic conditions (MCCs) and the methods for analyzing multimorbidity data. Research supported by this initiative should be designed to discover, develop, and/or evaluate MCC measures/tools that reflect the longitudinally and life course diversity of multimorbidity. Applicants requesting \$500,000 or more in direct costs in any year (excluding consortium F&A) must contact a Scientific/ Research Contact at least 6 weeks before submitting the application. Standard dates apply. The first standard due date for this FOA is October 05, 2020.

[PAR-20-180](#) **(R01 Clinical Trial Optional)**

Identifying Innovative Mechanisms or Interventions that Target Multimorbidity and Its Consequences This FOA invites applications that seek to support the identification of shared mechanisms and development of innovative interventions to address multimorbidity or multiple chronic conditions (MCCs) and its consequences. Of particular interest are interventions that target prevention and treatment of multiple chronic health conditions, including study designs that address therapeutic targets for preventing co-occurring MCCs. The first standard due date for this FOA is October 05, 2020.

[RFA-ES-20-010](#) **(R01 Clinical Trial Optional)**

U.S. - India Collaborative Environmental Health Research Program (R01 Clinical Trial Optional)

The National Institute of Environmental Health Sciences (NIEHS) and the Indian Council for Medical Research (ICMR) are interested in supporting collaborative research and research training through joint U.S.-India partnerships that address or seek to understand how exposures to toxic environmental insults alter biologic processes and are linked to disease initiation, progression, or morbidity. NIEHS intends to commit \$1,000,000 in FY 2021 to fund 4-5 awards. Application Due Date: October 15, 2020

[RFA-ES-20-011](#) **(R25 Clinical Trial Not Allowed)**

Superfund Research Program Occupational Health and Safety Education Programs on Emerging Technologies

The overarching goal of this R25 program is to support educational activities that complement and/or enhance the training of a workforce to meet the nation's biomedical, behavioral and clinical research needs. Under this FOA, the

applicant should collaborate with at least two other Higher Education Institutions to establish courses for skills development, research experiences, and curriculum or methods development in emerging technologies. The Superfund Research Program intends to commit approximately \$1,500,000 for FY21. The total number of awards is anticipated to be 4-6. Application Due Date: August 3, 2020.

Program Announcements (PA)

The following opportunities have standard due dates unless noted otherwise:

[PA-20-176](#) **Mentored Research Scientist Development Award (Parent K01 - Independent Clinical Trial Required)**

[PA-20-190](#) **Mentored Research Scientist Development Award (Parent K01 - Independent Clinical Trial Not Allowed)**

[PA-20-191](#) **Mentored Research Scientist Development Award (Parent K01 - Independent Basic Experimental Studies with Humans Required)**

The purpose of the NIH Mentored Research Scientist Development Award (K01) is to provide support and “protected time” (three to five years) for an intensive, supervised career development experience in the biomedical, behavioral, or clinical sciences leading to research independence. Although all of the participating NIH Institutes and Centers (ICs) use this support mechanism to support career development experiences that lead to research independence, some ICs use the K01 award for individuals who propose to train in a new field or for individuals who have had a hiatus in their research career because of illness or pressing family circumstances.

[PA-20-183](#)

Research Project Grant (Parent R01 Clinical Trial Required)

This Parent Funding Opportunity Announcement requires that at least 1 clinical trial be proposed. The proposed project must be related to the programmatic interests of one or more of the participating NIH Institutes and Centers (ICs) based on their scientific missions.

[PA-20-184](#)

Research Project Grant (Parent R01 Basic Experimental Studies with Humans Required)

This Parent Funding Opportunity Announcement is for basic science experimental studies involving humans, referred to in [NOT-OD-18-212](#) as “prospective basic science studies involving human participants.” Types of studies that should submit under this FOA include studies that prospectively assign human participants to conditions (i.e., experimentally manipulate independent variables) and that assess biomedical or behavioral outcomes in humans for the purpose of understanding the fundamental aspects of phenomena without specific application towards processes or products in mind.

[PA-20-185](#)

NIH Research Project Grant (Parent R01 Clinical Trial Not Allowed)

Research grant applications are assigned to participating ICs based on receipt and referral guidelines and applications may be assigned to multiple participating ICs with related research interests. Applicants are encouraged to identify a participating IC that supports their area of research via the [R01 IC-Specific Scientific Interests and Contact](#) website.

[PA-20-186](#) **Midcareer Investigator Award in Patient-Oriented Research (Parent K24 Independent Clinical Trial Not Allowed)**

[PA-20-192](#) **Midcareer Investigator Award in Patient Oriented Research (Parent K24 Independent Basic Experimental Studies with Humans Required)**

[PA-20-193](#) **Midcareer Investigator Award in Patient Oriented Research (Parent K24 Independent Clinical Trial Required)**

The purpose of the NIH Midcareer Investigator Award in Patient-Oriented Research (K24) is to provide support to mid-career health-professional doctorates for protected time to devote to patient-oriented research (POR) and to act as research mentors for junior clinical investigators pursuing POR research, such as clinical residents and/or junior clinical faculty. The K24 award is intended to provide protected time to mid-career clinical investigators to provide mentoring to junior clinical investigators, particularly K23 grantees, in POR and to stabilize the careers of these investigators. It is expected that a K24 recipient will obtain new or additional independent, peer-reviewed funding for POR as a PD/PI and establish and assume leadership roles in collaborative POR programs.

[PA-20-187](#) **NIH Pathway to Independence Award (Parent K99/R00 Independent Clinical Trial Required)**

[PA-20-188](#) **NIH Pathway to Independence Award (Parent K99/R00 Independent Clinical Trial Not Allowed)**

[PA-20-189](#) **NIH Pathway to Independence Award (Parent K99/R00 Independent Basic Experimental Studies with Humans Required)**

The purpose of K99/R00 program is to facilitate a timely transition of outstanding postdoctoral researchers with a research and/or clinical doctorate degree from mentored, postdoctoral research positions to independent, tenure-track or equivalent faculty positions. Applicants must have no more than 4 years of postdoctoral research experience at the time of the initial (new) or the subsequent resubmission application. The K99/R00 award is intended for individuals who

require at least 12 months of mentored career development (K99 phase) before transitioning to the R00 award phase of the program. Individuals must be in mentored, postdoctoral training positions to be eligible to apply to the K99/R00 program. The K99/R00 award will provide up to 5 years of support in two phases. Check the FOAs for detailed eligibility information.

[PA-20-194](#) Parent **R21 Exploratory/Developmental Grant, Clinical Trial Required**

[PA-20-195](#) Parent **R21 Exploratory/Developmental Grant, Clinical Trial Not Allowed**

[PA-20-196](#) Parent **R21 Exploratory/Developmental Grant, Basic Experimental Studies with Humans Required**

Through the NIH Exploratory/Developmental Research Grant Program, the NIH seeks to foster the introduction of novel scientific ideas, model systems, tools, agents, targets, and technologies that have the potential to substantially advance biomedical, behavioral, and clinical research. This program is intended to encourage new exploratory and developmental research projects. Applications for Exploratory/Developmental Research Grant awards should include projects distinct from those supported through the traditional R01 activity code.

[PA-20-197](#) Mentored Quantitative Research Development Award (Parent K25 Independent Clinical Trial Required)

[PA-20-198](#) Mentored Quantitative Research Development Award (Parent K25 Independent Basic Experimental Studies with Humans Required)

[PA-20-199](#) Mentored Quantitative Research Development Award (Parent K25 Independent Clinical Trial Not Allowed)

The purpose of K25 is to attract to NIH-relevant research those investigators whose quantitative science and engineering research has thus far not been focused primarily on questions of health and disease. The K25 award will provide support and "protected time" for a period of supervised study and research for productive professionals with quantitative (e.g., mathematics, statistics, economics, computer science, imaging science, informatics, physics, chemistry) and engineering backgrounds to integrate their expertise with NIH-relevant research. Candidates for the K25 award must have an advanced degree in a quantitative area of science or engineering (e.g., MSEE, PhD, DSc) and have demonstrated research interests in their primary quantitative discipline.

[PA-20-200](#)

NIH Small Research Grant Program (Parent R03 Clinical Trial Not Allowed)

The NIH Small Research Grant Program supports small research projects that can be carried out in a short period of time with limited resources. This program supports different types of projects including pilot and feasibility studies; secondary analysis of existing data; small, self-contained research projects; development of research methodology; and development of new research technology.

[PA-20-208](#)

Substance Use/Substance Use Disorder Dissertation Research Award (R36 - Clinical Trials Optional)

This award will facilitate the entry of promising new investigators into the field of substance use/substance use disorder (SU(D) research, enhancing the pool of highly talented SU(D) researchers. Applications are particularly encouraged from those who can contribute to diversifying the research workforce as described in the Notice of NIH's Interest in Diversity ([NOT-OD-20-031](#)).

[PA-20-201](#) Mentored Clinical Scientist Research Career Development Award (Parent K08 - Independent Basic Experimental Studies with Humans Required)

[PA-20-202](#) Mentored Clinical Scientist Research Career Development Award (Parent K08 Independent Clinical Trial Required)

[PA-20-203](#) Mentored Clinical Scientist Research Career Development Award (Parent K08 Independent Clinical Trial Not Allowed)

The primary purpose of the NIH Mentored Clinical Scientist Research Career Development Awards (K08) program is to prepare qualified individuals for careers that have a significant impact on the health-related research needs of the Nation.

[PA-20-204](#) Mentored Patient-Oriented Research Career Development Award (Parent K23 Independent Basic Experimental Studies with Humans Required)

[PA-20-205](#) Mentored Patient-Oriented Research Career Development Award (Parent K23 Independent Clinical Trial Not Allowed)

[PA-20-206](#) Mentored Patient-Oriented Research Career Development Award (Parent K23 Independent Clinical Trial Required)

The purpose of the NIH Mentored Patient-Oriented Research Career Development Award (K23) is to support the career development of individuals with a clinical doctoral degree who have made a commitment to focus their research endeavors on patient-oriented research.

FOUNDATION FUNDING OPPORTUNITIES

Prevent Cancer Foundation

[2020 Funding Opportunities for Cancer Prevention or Early Detection Research](#)

The Prevent Cancer Foundation has been funding grants and fellowships that demonstrate potential for impact on cancer prevention or early detection. The goal of the program is to provide funding for innovative projects expected to lead to future funding from other peer-reviewed sources. Two-Year \$100,000 Grants or Fellowships. There is a \$80.00 application fee. Application Period: May 18th to June 24th, 2020.

Individual Actions for Sustainability

Line dry your clothes

Not only will you stop burning fossil fuel when hanging your clothes to dry, your clothes will last longer, it saves you \$\$\$, but also...

