



U.S. Federal Funding Opportunities For Research, Evaluation, and Dissemination

March 2021

Highlights –

This month's FFO highlights four funding opportunity announcements (FOA). The first is a [CDC funding opportunity](#) to support investigator-initiated research proposals to rigorously evaluate approaches (programs, policies, or practices) for their impact on primary prevention of child sexual abuse (CSA) perpetrated by youth or adults. Applications are due by May 10, 2021. The second is a [NIDILRR funding opportunity](#) to support research and related activities toward services, technologies, and other interventions to support parents with disabilities in their parenting roles. Applications are due by May 7, 2021. The third is a [NIH funding opportunity](#) to support the innovative analysis of existing (publicly available) nationally representative U.S. cross-sectional and longitudinal data, including the National Youth Tobacco Survey (NYTS), 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). Applications are due by October 8, 2021. The fourth is a [NIMH funding opportunity](#) to support confirmatory efficacy testing of non-pharmacological therapeutic and preventive interventions for mental disorders in adults and children through an experimental therapeutics approach. Applications are due by June 15, 2021.

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CAREER DEVELOPMENT AND RECOGNITION

AHRQ: Mentored Research Scientist Career Development Award (K01)

PA-20-067

Application Submission Deadline: June 12, 2021

The primary purpose of the AHRQ Mentored Research Scientist Career Development Awards (K01) program is to help ensure that a diverse pool of highly trained scientists is available in appropriate scientific disciplines to address the Nation's health services research needs. This AHRQ program provides support and "protected time" to individuals with a research doctoral degree for an intensive, supervised research career development experience in health services research. The K01 award can be used both by individuals who propose to newly embark in health services research training and those who had a hiatus in their research careers because of illness or family circumstances. Applications are due by 5pm local time of applicant organization on June 12, 2021. [Read more information.](#)

NIDA: AIDS-Science Track Award for Research Transition (R03 Clinical Trial Optional)

PA-18-916

Application Submission Deadline: May 7, 2021

This funding opportunity announcement (FOA) seeks to facilitate the entry of both newly independent and early career investigators to the area of drug use and use disorder research and HIV/AIDS. This FOA, AIDS-Science Track Award for Research Transition (A-START), encourages Small Research Grant (R03) applications to support research projects on drug misuse and/or use disorder and HIV/AIDS that can be carried out in a short period of time with limited resources. This FOA welcomes applications integrating drug misuse and/or use disorder and HIV/AIDS across all areas of research supported by NIDA. Applications are due by 5pm local time of applicant organization on May 7, 2021. [Read more information.](#)

NIDA: Behavioral Science Track Award for Rapid Transition (B/Start)(R03 Clinical Trial Optional)

PAR-19-310

Application Submission Deadline: June 16, 2021

This Funding Opportunity from the National Institute on Drug Abuse (NIDA) will use a NIH Small Research Grant (R03) award mechanism to support studies that apply affective, cognitive and behavioral science approaches to research questions relevant to substance use disorders (SUD). With this R03 mechanism, NIDA aims to seed innovative affective, cognitive and behavioral hypotheses, models, and methods in preclinical and clinical SUD research. The B/START R03 is intended for recently-independent investigators with expertise in behavioral science as well as established investigators who are using behavioral science approaches to SUD for the first time. Studies supported by B/START are expected to produce a coherent set of preliminary findings that would inform the design of a more complete study and serve as preliminary data supporting feasibility or scientific rationale in an R01, R21 or similar application. Applications are due by 5pm local time of applicant organization on June 16, 2021. [Read more information.](#)

NIDA: Imaging - Science Track Award for Research Transition (I/START) (R03 Clinical Trial Optional)

PAR-18-918

Application Submission Deadline: June 16, 2021

This funding opportunity announcement (FOA) encourages Small Research Grant (R03) applications to facilitate the entry of investigators to the area of neuroimaging, including both new investigators and established investigators seeking to adopt neuroimaging methodologies in their research programs, to enable the conduct of small "proof of concept" studies. The R03 is intended to support research projects that can be carried out in a short period of time with limited resources. Applications are due by 5pm local time of applicant organization on June 16, 2021. [Read more information.](#)

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

PA-20-208

Application Submission Deadline: June 16, 2021

The goal of this FOA is to support doctoral candidates from a variety of academic disciplines for up to two years for the completion of the doctoral dissertation research project. Research projects should align with NIDA funding priorities or within the NIDA Strategic Plan. 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. Applications are due by 5pm local time of applicant organization on June 16, 2021. [Read more information.](#)

NIDA: Mentored Clinical Scientist Development Program Award in Substance Use and Substance Use Disorder Research (K12 Clinical Trial Optional)

PAR-20-249**Application Submission Deadline: August 2, 2021**

This funding opportunity announcement (FOA) encourages applications for institutional research career development (K12) programs that propose to support intensive supervised research and career development experiences for clinician scientists (Scholars) leading to research independence in the area of substance use and substance use disorder research. For this FOA, clinician scientists may include (but are not limited to) physicians, clinical psychologists, epidemiologists, doctoral level social workers, pharmacists, and behavioral scientists. Scholars are expected to be supported for 3-5 years on consecutive 12-month appointments. Candidates selected for support as scholars must hold a doctorate and commit a minimum of 9 person months (equivalent to 75% of full-time professional effort) to conducting clinical research and career development activities associated with the proposed program. Applications are due by August 2, 2021. [Read more information.](#)

NIDCR: Mentored Career Development Award to Promote Diversity in the Dental, Oral and Craniofacial Workforce (K01 Independent Basic Experimental Studies with Humans Required)**PAR-19-161****Application Submission Deadline: June 12, 2021**

The purpose of this NIDCR Mentored Career Development Award is to enhance the diversity of the independently funded dental, oral and craniofacial research workforce by providing a mentored research experience for eligible postdoctoral fellows and early career faculty from diverse backgrounds, including those who are from groups underrepresented in the biomedical and behavioral sciences. This award provides salary and research support for a sustained period of protected time for intensive research career development under the guidance of an experienced mentor. This 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." These studies fall within the NIH definition of a clinical trial and also meet the definition of basic research. 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. Applications are due by 5pm local time of applicant organization on June 12, 2021. [Read more information.](#)

NIDCR: Mentored Career Development Award to Promote Diversity in the Dental, Oral and Craniofacial Workforce (K01 Independent Clinical Trial Not Allowed)**PAR-19-160****Application Submission Deadline: June 12, 2021**

The purpose of this NIDCR Mentored Career Development Award is to enhance the diversity of the independently funded dental, oral and craniofacial research workforce by providing a mentored research experience for eligible postdoctoral fellows and early career faculty from diverse backgrounds, including those who are from groups underrepresented in the biomedical and behavioral sciences. This award provides salary and research support for a sustained period of protected time for intensive research career development under the guidance of an experienced mentor. This Funding Opportunity Announcement (FOA) is designed specifically for applicants proposing research that does not involve leading an independent clinical trial, a clinical trial feasibility study, or an ancillary study to a clinical trial. Applicants to this FOA are permitted to propose research experience in a clinical trial led by a mentor or co-mentor. Applications are due by 5pm local time of applicant organization on June 12, 2021. [Read more information.](#)

NIGMS: Postdoctoral Research Associate Training (PRAT) Program (Fi2)**PAR-19-286****Application Submission Deadline October 4, 2021**

The NIGMS Postdoctoral Research Associate Training (PRAT) Program's overarching goal is to provide high quality postdoctoral research training in the basic biomedical sciences to a diverse group of postdoctoral fellows in NIH Intramural research laboratories, and to prepare them for leadership positions in biomedical careers. Research projects proposed should focus on areas within the NIGMS mission, which include but are not limited to biological chemistry, biophysics, bioinformatics, cellular and molecular biology, computational biosciences, developmental biology, genetics, immunology, neuroscience, pharmacology, physiology, and technology development. In addition to the laboratory experience, the PRAT program provides a structured training environment with extensive career and professional development, mentoring, and networking opportunities planned and supported by the program. Applications are due by 5pm local time of applicant organization on October 4, 2021. [Read more information.](#)

NIH: Ruth L. Kirschstein National Research Service Award (NRSA) Individual Postdoctoral Fellowship (Parent F32)**PA-21-048****Application Submission Deadline: April 8, 2021**

The purpose of the Ruth L. Kirschstein National Research Service Award (NRSA) Individual Postdoctoral Fellowship (Parent F32) is to support research training of highly promising postdoctoral candidates who have the potential to become productive, independent investigators in scientific health-related research fields relevant to the missions of the participating NIH Institutes and Centers. Applications are expected to incorporate exceptional mentorship. This Funding Opportunity Announcement (FOA) is designed specifically for candidates proposing research that does not involve leading an independent clinical trial, a clinical trial feasibility study, or an ancillary clinical trial, but does allow candidates to propose research experience in a clinical trial led by a sponsor or co-sponsor. Applications are due by 5:00 PM local time of applicant organization on April 8, 2021. [Read more information.](#)

**NIH: Ruth L. Kirschstein National Research Service Award (NRSA) Individual Predoctoral Fellowship (Parent F31)
PA-21-051**

Application Submission Deadline: April 8, 2021

The purpose of the Ruth L. Kirschstein National Research Service Award (NRSA) Individual Predoctoral Fellowship (Parent F31) award is to enable promising predoctoral students to obtain individualized, mentored research training from outstanding faculty sponsors while conducting dissertation research in scientific health-related fields relevant to the missions of the participating NIH Institutes and Centers. The proposed mentored research training must reflect the candidate's dissertation research project and is expected to clearly enhance the individual's potential to develop into a productive, independent research scientist. This Funding Opportunity Announcement (FOA) is designed specifically for candidates proposing research that does not involve leading an independent clinical trial, a clinical trial feasibility study, or an ancillary clinical trial, but does allow candidates to propose research experience in a clinical trial led by a sponsor or co-sponsor. Applications are due by April 8, 2021. [Read more information.](#)

**NIH: Ruth L. Kirschstein National Research Service Award (NRSA) Individual Postdoctoral Fellowship (Parent F32)
PA-21-248**

Application Submission Deadline: April 8, 2021

The purpose of the Ruth L. Kirschstein National Research Service Award (NRSA) Individual Postdoctoral Fellowship (Parent F32) is to support research training of highly promising postdoctoral candidates who have the potential to become productive, independent investigators in scientific health-related research fields relevant to the missions of the participating NIH Institutes and Centers. Applications are expected to incorporate exceptional mentorship. This Funding Opportunity Announcement (FOA) is designed specifically for candidates proposing research that does not involve leading an independent clinical trial, a clinical trial feasibility study, or an ancillary clinical trial, but does allow candidates to propose research experience in a clinical trial led by a sponsor or co-sponsor. Completed applications are due by April 8, 2021. [Read more information.](#)

**NIH: Ruth L. Kirschstein National Research Service Award (NRSA) Individual Senior Fellowship (Parent F33)
PA-21-247**

Application Submission Deadline: April 8, 2021

The National Institutes of Health (NIH) awards senior individual research training fellowships to experienced scientists who wish to make major changes in the direction of their research careers or who wish to broaden their scientific background by acquiring new research capabilities as independent investigators in research fields relevant to the missions of participating NIH Institutes and Centers. This Funding Opportunity Announcement (FOA) is designed specifically for applicants proposing research that does not involve leading an independent clinical trial, a clinical trial feasibility study, or an ancillary clinical trial, but does allow candidates to propose research experience in a clinical trial led by a sponsor or co-sponsor. Applications are due by April 8, 2021. [Read more information.](#)

**NIH: Blueprint Diversity Specialized Predoctoral to Postdoctoral Advancement in Neuroscience (D-SPAN) Award (F99/K00 Independent Clinical Trial Not Allowed)
RFA-NS-19-011**

Application Submission Deadline: April 15, 2021

The purpose of the NIH Blueprint Diversity Specialized Predoctoral to Postdoctoral Advancement in Neuroscience (D-SPAN) Award is to support a defined pathway across career stages for outstanding graduate students from diverse backgrounds, including those from groups underrepresented in biomedical and behavioral sciences. This two-phase award will facilitate completion of the doctoral dissertation and transition of talented graduate students to strong neuroscience research postdoctoral positions, and will provide career development opportunities relevant to their long-term career goal of becoming independent neuroscience researchers. Applications are due by 5pm local time of applicant organization on April 15, 2021. [Read more information.](#)

**New NIH: Fogarty Global Trauma and Injury Research Training Program (D43 Clinical Trial Optional)
RFA-TW-21-003**

Application Submission Deadline: April 16, 2021

The participating NIH institutes and centers for this FOA are the Fogarty International Center (FIC), the National Institute of Neurological Disorders and Stroke (NINDS), and the Office of Research on Women's Health (ORWH). The overall objective of this Funding Opportunity Announcement (FOA) is to strengthen trauma and injury research capacity at academic institutions in low- and middle-income countries (LMICs) through support for research training programs. Research training and capacity training programs should: 1) provide in depth training in research design, methods, and analytic techniques appropriate for trauma and injury research; 2) support trainees to conduct mentored research using state-of-the-art methods; 3) provide training in scientific presentation and publication; 4) support trainees to obtain advanced degrees (Master's or Ph.D.) in trauma and injury research; and 5) support research faculty/mentors to strengthen trauma and injury research capacity at LMIC institutions, and to contribute to national and global trauma and injury research initiatives and networks. Examples of research training areas include prevention and care of injuries specific to girls and women and gender-based violence prevention and intervention. This Funding Opportunity Announcement (FOA) allows trainees to propose to serve as the lead investigator of an independent clinical trial; or proposing a separate ancillary clinical trial; or proposing to gain research experience in a clinical trial led by another investigator, as part of their research and career development. Applications are due by 5:00 PM local time of applicant organization on April 16, 2021. [Read more information.](#)

NIH: Advanced Laboratories for Accelerating the Reach and Impact of Treatments for Youth and Adults with Mental Illness (ALACRITY) Research Centers (P50 Clinical Trial Optional)**PAR-20-293****Application Submission Deadline: May 17, 2021**

This Funding Opportunity Announcement (FOA) invites applications for centers to support transdisciplinary teams of clinical and mental health services researchers, behavioral scientists, social scientists, health information and communications technologists, health systems engineers, decision scientists, and mental health stakeholders (e.g., service users, family members, clinicians, payers) to engage in high-impact studies that will significantly advance clinical practice and generate knowledge that will fuel transformation of mental health care in the United States. Advanced Laboratories for Accelerating the Reach and Impact of Treatments for Youth and Adults with Mental Illness (ALACRITY) Research Centers will support the rapid development, testing, and refinement of novel and integrative approaches for (1) optimizing the effectiveness of therapeutic or preventive interventions for mental disorders within well-defined target populations; (2) organizing and delivering optimized mental health services within real world treatment settings; and (3) continuously improving the quality, impact, and durability of optimized interventions and service delivery within diverse care systems. The ALACRITY Centers program is intended to support research that maximizes synergies across various components of the mental health research ecosystem, including new discoveries in clinical research, transformative health care technologies, advances in information science, and new federal and state mechanisms for organizing mental health care. The Centers are intended for transdisciplinary projects that could not be achieved using standard research project grant mechanisms. The ALACRITY Centers program is also expected to facilitate widespread sharing of relevant data, methods, and resources that will accelerate clinical research and practice and to provide opportunities for graduate students, postdoctoral researchers, and early-career investigators to participate in transdisciplinary, T2 translational mental health research. Applications are due by May 17, 2021. [Read more information.](#)

NIH: Jointly Sponsored Ruth L. Kirschstein National Research Service Award Institutional Predoctoral Training Program in the Neurosciences (T32 Clinical Trial Not Allowed)**PAR-20-076****Application Submission Deadline: May 25, 2021**

The Jointly Sponsored NIH Predoctoral Training Program in the Neurosciences (JSPTPN) is an institutional program that supports broad and fundamental research training in the neurosciences. In addition to a broad education in the neurosciences, a key component will be a curriculum that provides a strong foundation in experimental design, statistical methodology and quantitative reasoning. JSPTPN programs are intended to be 2 years in duration and students may only be appointed to this training grant during the first 2 years of their graduate research training. The primary objective is to prepare students to be outstanding scientists equipped to pursue careers in neuroscience. Letters of intent are due 30 days prior to the application due date. Applications are due by 5pm local time of applicant organization on May 21, 2021. [Read more information.](#)

NIH: Stephen I. Katz Early Stage Investigator Research Project Grant (R01 Clinical Trial Not Allowed)**PAR-21-038****Application Submission Deadline: May 26, 2021**

The purpose of this Funding Opportunity Announcement is to provide a new pathway for Early Stage Investigators (ESIs) who wish to propose research projects in a new direction for which preliminary data do not exist. The Stephen I. Katz Early Stage Investigator Research Project Grant, named in honor of the late National Institute of Arthritis and

Musculoskeletal and Skin Diseases (NIAMS) Director, Stephen I. Katz, M.D., Ph.D., is open to a broad range of scientific research relevant to the mission of the participating NIH Institutes and Centers (ICs). Proposed projects must represent a change in research direction for the ESI and should be innovative and unique. A distinct feature for this FOA is that applications must not include preliminary data. Applications are due by 5:00 PM local time of applicant organization on May 26, 2021. [Read more information](#).

NIH: Stephen I. Katz Early Stage Investigator Research Project Grant (R01 Basic Experimental Studies with Humans Required)

PAR-21-039

Application Submission Deadline: May 26, 2021

The Stephen I. Katz Early Stage Investigator Research Project Grant supports an innovative project that represents a change in research direction for an early stage investigator (ESI) and for which no preliminary data exist. Applications submitted to this Funding Opportunity Announcement (FOA) must not include preliminary data. Applications must include a separate attachment describing the change in research direction. 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. This 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." These studies fall within the NIH definition of a clinical trial and also meet the definition of basic research. Applications are due by 5:00 PM local time of applicant organization on May 26, 2021. [Read more information](#).

NIH: BRAIN Initiative Advanced Postdoctoral Career Transition Award to Promote Diversity (K99/R00 Independent Clinical Trial Not Allowed) (K99/R00 Independent Clinical Trial Required)

RFA-NS-19-043; RFA-NS-19-044

Application Submission Deadline: June 9, 2021

The purpose of the NIH BRAIN Initiative Advanced Postdoctoral Career Transition Award to Promote Diversity (K99/R00) program is to enhance workforce diversity in the neuroscience workforce and maintain a strong cohort of new and talented, NIH-supported, independent investigators from diverse backgrounds in [BRAIN Initiative research areas](#). 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 program will provide independent NIH research support during this transition in order to help awardees to launch competitive, independent research careers. Applications are due by June 9, 2021. [RFA-NS-19-043](#); [RFA-NS-19-044](#).

NIH: Independent Scientist Award (Parent K02 - Independent Clinical Trial Required) (Parent K02 Independent Basic Experimental Studies with Humans Required)

PA-20-171; PA-20-173

Application Submission Deadline: June 12, 2021

The purpose of the NIH Independent Scientist Award (K02) is to foster the development of outstanding scientists and enable them to expand their potential to make significant contributions to their field of research. The K02 award provides three to five years of salary support and "protected time" for newly independent scientists who can demonstrate the need for a period of intensive research focus as a means of enhancing their research careers. Each independent scientist career award program must be tailored to meet the individual needs of the candidate. The proposed project must be related to the programmatic interests of one or more of the participating NIH Institutes and Centers (i.e., NIA, NIAAA, NIDCR, NIDA, NIEHS, NINDS) based on their scientific missions. Applications are due by June 12, 2021. [PA-20-171](#); [PA-20-173](#).

NIH: Mentored Clinical Scientist Research Career Development Award (Parent K08 Independent Basic Experimental Studies with Humans Required)

PA-20-201

Application Submission Deadline: June 12, 2021

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. This program represents the continuation of a long-standing NIH program that provides support and "protected time" to individuals with a clinical doctoral degree for an intensive, supervised research career development experience in the fields of biomedical and behavioral research, including translational research. 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." These studies fall within the NIH definition of a clinical trial and also meet the definition of basic research. Types of studies that should be submitted 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. Applications are due by 5pm local time of applicant organization on June 12, 2021. [Read more information](#).

**NIH: Mentored Research Scientist Development Award (Parent K01 - Independent Clinical Trial Required)
PA-20-176; PA-20-190**

Application Submission Deadline: June 12, 2021

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-20-176 is designed specifically for candidates proposing to serve as the lead investigator of an independent clinical trial, a clinical trial feasibility study, or a separate ancillary clinical trial, as part of their research and career development. PA-20-190 is designed specifically for applicants proposing research that does not involve leading an independent clinical trial, a clinical trial feasibility study, or a separate ancillary clinical trial. Applicants to PA-20-190 are permitted to propose research experience in a clinical trial led by a mentor or co-mentor. Applications are due by 5pm local time of applicant organization on June 12, 2021. Read more information: [PA-20-176](#); [PA-20-190](#)

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

Application Submission Deadline: June 12, 2021

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. 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.” These studies fall within the NIH definition of a clinical trial and also meet the definition of basic research. Types of studies that should be submitted 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. Applications are due by 5pm local time of applicant organization on June 12, 2021. [Read more information](#).

**NIH: Pathway to Independence Award (Parent K99/R00 Independent Clinical Trial Required)
PA-20-187; PA-20-188**

Application Submission Deadline: June 12, 2021

The purpose of the NIH Pathway to Independence Award (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. The program will provide independent NIH research support during this transition in order to help awardees to launch competitive, independent research careers. PA-20-187 is designed specifically for applicants proposing to serve as the lead investigator of an independent clinical trial, a clinical trial feasibility study, or a separate ancillary clinical trial, as part of their research and career development. PA-20-188 is designed specifically for applicants proposing research that does not involve leading an independent clinical trial, a clinical trial feasibility study, or an ancillary clinical trial. Applicants to PA-20-188 are permitted to propose research experience in a clinical trial led by a mentor or co-mentor. Applications are due by 5pm local time of applicant organization on June 12, 2021. [Read more information](#).

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

Application Submission Deadline: June 12, 2021

The purpose of the NIH Pathway to Independence Award (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. The program will provide independent NIH research support during this transition in order to help awardees to launch competitive, independent research careers. 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.” These studies fall within the NIH

definition of a clinical trial and also meet the definition of basic research. Types of studies that should be submitted 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. Applications are due by 5pm local time of applicant organization on June 12, 2021. [Read more information](#).

NIH: Research Enhancement Award Program (REAP) for Health Professional Schools and Graduate Schools (R15 Clinical Trial Not Allowed) (R15 Clinical Trial Required)

PAR-19-134; PAR-19-135

Application Submission Deadline: June 25, 2021

The purpose of the Research Enhancement Award Program (REAP) for Health Professional Schools and Graduate Schools is to stimulate basic and clinical research in educational institutions that provide baccalaureate or advanced degrees for a significant number of the Nation's research scientists, but that have not been major recipients of NIH support. REAP grants create opportunities for scientists and institutions otherwise unlikely to participate extensively in NIH research programs to contribute to the Nation's biomedical and behavioral research effort. REAP grants are intended to support small-scale research projects proposed by faculty members of eligible, domestic institutions, to expose undergraduate and/or graduate students at health professional schools or graduate schools to meritorious research projects, and to strengthen the research environment of the applicant institution. Applications are due by 5pm local time of applicant organization on June 25, 2021. Read more information: [PAR-19-134](#); [PAR-19-135](#).

NIH: Science Education Partnership Award (SEPA) (R25 - Clinical Trial Not Allowed)

PAR-20-153

Application Submission Deadline: July 13, 2021

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. 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. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on: Courses for Skills Development; Research Experiences; Mentoring Activities; Curriculum or Methods Development; and Outreach. Applications are due by July 13, 2021. [Read more information](#).

NIH: Providing Research Education Experiences to Enhance Diversity in the Next Generation of Substance Use and Addiction Scientists (R25 Clinical Trials Not Allowed)

PAR-20-236

Application Submission Deadline: August 10, 2021

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The overarching goal of this R25 program is to support educational activities that encourage individuals from diverse backgrounds, including those from groups underrepresented in the biomedical and behavioral sciences, to pursue further studies or careers in research. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on: Research Experiences and Courses for Skills Development. Applications are due by 5:00 PM local time of applicant organization on August 10, 2021. [Read more information](#).

NIH: BRAIN Initiative Fellows: Ruth L. Kirschstein National Research Service Award (NRSA) Individual Postdoctoral Fellowship (F32)

RFA-MH-20-620

Application Submission Deadline: August 10, 2021

The purpose of the Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Initiative Fellows (F32) program is to enhance the research training of promising postdoctorates, early in their postdoctoral training period, who have the potential to become productive investigators in research areas that will advance the goals of the BRAIN Initiative. Applications are encouraged in any research area that is aligned with the BRAIN Initiative, including neuroethics. Applicants are expected to propose research training in an area that clearly complements their predoctoral research. Formal training in analytical tools appropriate for the proposed research is expected to be an integral component of the research training plan. In order to maximize the training potential of the F32 award, this program encourages applications from individuals who have not yet completed their terminal doctoral degree and who expect to do so within 12 months of the application due date. On the application due date, candidates may not have completed more than 12 months of postdoctoral training. Applications are due by 5:00 PM local time of applicant organization on August 10, 2021. [Read more information](#).

NIH: International Research Scientist Development Award (IRSDA) (K01 Independent Clinical Trial Not Allowed; K01 Independent Clinical Trial Required)

PAR-21-104; PAR-21-105

Application Submission Deadline: March 9, 2022

The purpose of the International Research Scientist Development Award (IRSDA) is to provide support and protected time (three to five years) to advanced postdoctoral U.S. research scientists and recently-appointed U.S. junior faculty (applicants must be at least two years beyond conferral of doctoral degree) for an intensive, mentored research career development experience in a low- or middle-income country (LMIC), as defined by the World Bank, including "low-income," "lower-middle-income," and "upper-middle-income" countries) leading to an independently-funded research career focused on global health. This Funding Opportunity Announcement (FOA) invites applications from postdoctoral research scientists and junior faculty from any health-related discipline who propose career development activities and a research project that is relevant to the health priorities of the LMIC under the mentorship of LMIC and U.S. mentors. Applications are due by 5:00 PM local time of applicant organization on March 9, 2022. Read more information: [PAR-21-104](#); [PAR-21-105](#)

NIH: Mid-Career Enhancement Awards to Integrate Basic Behavioral, Biomedical, and/or Social Scientific Processes (K18 No Independent Clinical Trials) (K18 Basic Experimental Studies with Humans Required) PAR-20-211; PAR-20-226**Application Submission Deadline: March 17, 2022**

This Funding Opportunity Announcement (FOA) invites applications from investigators who strive to expand their research trajectories through the acquisition of new knowledge and skills in the areas of basic psychological processes, sociological processes, and/or biomedical pathways—expertise that is beyond and enhances their current areas of expertise. The program will support career development experiences and a small-scale research project that will provide experienced investigators with the scientific competencies required to conduct independent research projects that more thoroughly investigate interrelationships among behavioral, biological, endocrine, epigenetic, immune, inflammatory, neurological, psychological, and/or social processes. Completed applications are due by 5pm local time of applicant organization on March 17, 2022. Read more information: [PAR-20-211](#); [PAR-20-226](#).

NIH: Research Supplements to Promote Diversity in Health-Related Research (Admin Supp - Clinical Trial Not Allowed) PA-18-906**Application Submission Deadline: NIH Institutes and Centers (ICs) dependent**

The National Institutes of Health (NIH) and the Center for Disease Control and Prevention hereby notify Program Director(s)/Principal Investigator(s) (PD(s)/PI(s)) holding specific types of research grants that funds are available for administrative supplements to improve the diversity of the research workforce by recruiting and supporting students, postdoctorates, and eligible investigators from diverse backgrounds, including those from groups that have been shown to be underrepresented in health-related research. This supplement opportunity is also available to PD(s)/PI(s) of research grants who are or become disabled and need additional support to accommodate their disability in order to continue to work on the research project. Administrative supplements must support work within the scope of the original project. This Funding Opportunity Announcement (FOA) is designed specifically for applicants proposing research that does not involve leading an independent clinical trial, a clinical trial feasibility study, or an ancillary clinical trial. Applicants to this FOA are permitted to propose research experience in a clinical trial led by a mentor or co-mentor. The application deadline varies by IC. [See the specific deadlines](#) and [read more information](#).

NIMH: Mental Health Research Dissertation Grant to Enhance Workforce Diversity (R36 Independent Clinical Trial Not Allowed) PAR-18-894**Application Submission Deadline: April 6, 2021**

The purpose of this Funding Opportunity Announcement (FOA) is to enhance the diversity of the mental health research workforce by providing dissertation awards in all research areas within the strategic priorities of the NIMH to individuals from groups underrepresented in biomedical, behavioral, clinical and social sciences research. This award supports the completion of the doctoral research project. Applications are due on April 6, 2021. [Read more information](#).

NIMH: Biobehavioral Research Awards for Innovative New Scientists (NIMH BRAINS) (R01 Clinical Trial Optional) RFA-MH-20-525**Application Submission Deadline: June 20, 2021**

The NIMH Biobehavioral Research Awards for Innovative New Scientists (BRAINS) award is intended to support the research and research career advancement of outstanding, exceptionally productive scientists who are in the early, formative stages of their careers and who plan to make a long-term career commitment to research in specific mission areas of the NIMH. This award seeks to assist these individuals in launching an innovative clinical, translational, basic, or services research program that holds the potential to profoundly transform the understanding, diagnosis, treatment, or prevention of mental disorders. The NIMH BRAINS program will focus on the research priorities and gap areas identified in the NIMH Strategic Plan. Applications are due by 5pm on June 20, 2021. [Read more information](#).

NEW NINDS: NINDS Institutional Research Training Program (T32 - Clinical Trial Not Allowed)

PAR-21-149

Application Submission Deadline: May 25, 2021

The purpose of this FOA is to provide support for institutional research training programs in areas relevant to the National Institute of Neurological Disorders and Stroke (NINDS) mission. These institutional research training programs should produce well-trained neuroscientists who leave the program with the research skills and scientific knowledge to make a significant contribution to neuroscience research. Programs should be designed to enhance the breadth and depth of training in NINDS mission areas by incorporating didactic, research and career development components in the context of a defined scientific theme. Programs may support basic, clinical and/or translational research. Critical components of programs supported by this FOA include mechanisms to ensure a thorough understanding of experimental design, strong statistics and analytical skills, and skills for communicating science, both orally and in writing, to a wide variety of audiences. Regardless of theme, programs should provide opportunities and activities that will foster the development of quantitative literacy and the application of quantitative approaches to the trainees' research. NINDS institutional training programs are intended to be 1-2 years in duration and support training of one or more of the following groups: dissertation stage predoctoral students in their 3rd and/or 4th year of graduate school, postdoctoral fellows and fellowship-stage clinicians. (NINDS does not support first or second year graduate students under this PAR). This Funding Opportunity Announcement (FOA) does not allow appointed Trainees to lead an independent clinical trial but does allow them to obtain research experience in a clinical trial led by a mentor or co-mentor. Applications are due by 5:00 PM local time of applicant organization on May 25, 2021. [Read more information.](#)

NINDS Ruth L. Kirschstein National Research Service Award (NRSA) for Training of Postdoctoral Fellows (F32 Clinical Trial Not Allowed)

PAR-21-032

Application Submission Deadline: June 9, 2021

The purpose of this award is to support outstanding scientific training of highly promising postdoctoral candidates with outstanding mentors. Candidates are eligible to apply for support from this program from ~12 months prior to the start of the proposed postdoctoral position to within 12 months after starting in the proposed postdoctoral position. This National Institute of Neurological Disorders and Stroke (NINDS) F32 seeks to foster early, goal-directed planning and to encourage applications for bold and/or innovative projects by the candidate that have the potential for significant impact. Inclusion of preliminary data is strongly discouraged; rather, this F32 seeks innovative research ideas and thoughtful plans for training and mentorship that will facilitate the development of the postdoctoral fellow into an outstanding scientist. Applications are expected to incorporate strong training in quantitative reasoning and the quantitative principles of experimental design and analysis. Support by this program is limited to the first 4 years of a candidate's activity in a specific laboratory or research environment, so as to further encourage early, thoughtful planning and timely completion of "mentored training" within a particular lab or environment. Applications are due by 5:00 PM local time of applicant organization on June 9, 2021. [Read more information.](#)

NSF: Faculty Early Career Development Program (CAREER)

NSF 20-525

Application Submission Deadline: July 26, 2021

The Faculty Early Career Development (CAREER) Program is a Foundation-wide activity that offers the National Science Foundation's most prestigious awards in support of early-career faculty who have the potential to serve as academic role models in research and education and to lead advances in the mission of their department or organization. Activities pursued by early-career faculty should build a firm foundation for a lifetime of leadership in integrating education and research. NSF encourages submission of CAREER proposals from early-career faculty at all CAREER-eligible organizations and especially encourages women, members of underrepresented minority groups, and persons with disabilities to apply. Applications are due by 5pm local time of submitter on July 26, 2021. [Read more information.](#)

NSF: SBE Postdoctoral Research Fellowships

NSF 16-590

Application Submission Deadline: November 1, Annually.

The National Science Foundation (NSF), Directorate for Social, Behavioral and Economic Sciences (SBE) offers Postdoctoral Research Fellowships to encourage independence early in the Fellow's career through supporting his or her research and training goals. The research and training plan of each fellowship must address important scientific questions within the scope of the SBE Directorate and the specific guidelines in this fellowship solicitation. Applications are due by November 1, annually. [Read more information.](#)

NSF: Alliances for Graduate Education and the Professoriate

NSF 16-552

Application Submission Deadline: Second Friday in December, Annually

The Alliances for Graduate Education and the Professoriate (AGEP) program seeks to advance knowledge about models to improve pathways to the professoriate and success for historically underrepresented minority doctoral students, postdoctoral fellows and faculty, particularly African Americans, Hispanic Americans, American Indians, Alaska Natives, Native Hawaiians, and Native Pacific Islanders, in specific STEM disciplines and/or STEM education research fields. New and innovative models are encouraged, as are models that reproduce and/or replicate existing evidence-based alliances in significantly different disciplines, institutions, and participant cohorts. The AGEP program goal is to increase the number of historically underrepresented minority faculty, in specific STEM disciplines and STEM education research fields, by advancing knowledge about pathways to career success. The program objectives include: To support the development, implementation and study of innovative models of doctoral education, postdoctoral training, and faculty advancement for historically underrepresented minorities in specific STEM disciplines and/or STEM education research fields; and to advance knowledge about the underlying issues, policies and practices that have an impact on the participation, transitions and advancement of historically underrepresented minorities in the STEM academy. Applications are due by the second Friday in December, annually. [Read more information.](#)

**NSF: EHR Core Research (ECR): Building Capacity in STEM Education Research (ECR: BCSER)
NSF 20-521****Application Submission Deadline: Fourth Friday in February, Annually**

ECR's Building Capacity for STEM Education Research (ECR: BCSER) solicitation supports projects that build individuals' capacity to carry out high quality STEM education research that will enhance the nation's STEM education enterprise and broaden the pool of researchers that can conduct fundamental research in STEM learning and learning environments, broadening participation in STEM fields, and STEM workforce development. Specifically, ECR: BCSER supports activities that enable early and mid-career researchers to acquire the requisite expertise and skills to conduct rigorous fundamental research in STEM education. ECR: BCSER seeks to fund research career development activities on topics that are relevant to qualitative and quantitative research methods and design, including the collection and analysis of new qualitative or quantitative data, secondary analyses using extant datasets, or meta-analyses. Applications are due by 5pm local time of submitter on the fourth Friday in February, annually. [Read more information.](#)

SCIENTIFIC WORKFORCE DIVERSITY**NIDCR: Mentored Career Development Award to Promote Diversity in the Dental, Oral and Craniofacial Workforce (K01 Independent Basic Experimental Studies with Humans Required)
PAR-19-161****Application Submission Deadline: June 12, 2021**

The purpose of this NIDCR Mentored Career Development Award is to enhance the diversity of the independently funded dental, oral and craniofacial research workforce by providing a mentored research experience for eligible postdoctoral fellows and early career faculty from diverse backgrounds, including those who are from groups underrepresented in the biomedical and behavioral sciences. This award provides salary and research support for a sustained period of protected time for intensive research career development under the guidance of an experienced mentor. This 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." These studies fall within the NIH definition of a clinical trial and also meet the definition of basic research. 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. Applications are due by 5pm local time of applicant organization on June 12, 2021. [Read more information.](#)

**NIDCR: Mentored Career Development Award to Promote Diversity in the Dental, Oral and Craniofacial Workforce (K01 Independent Clinical Trial Not Allowed)
PAR-19-160****Application Submission Deadline: June 12, 2021**

The purpose of this NIDCR Mentored Career Development Award is to enhance the diversity of the independently funded dental, oral and craniofacial research workforce by providing a mentored research experience for eligible postdoctoral fellows and early career faculty from diverse backgrounds, including those who are from groups underrepresented in the biomedical and behavioral sciences. This award provides salary and research support for a sustained period of protected time for intensive research career development under the guidance of an experienced mentor. This Funding Opportunity Announcement (FOA) is designed specifically for applicants proposing research that does not involve leading an independent clinical trial, a clinical trial feasibility study, or an ancillary study to a clinical trial. Applicants to this FOA are

permitted to propose research experience in a clinical trial led by a mentor or co-mentor. Applications are due by 5pm local time of applicant organization on June 12, 2021. [Read more information](#).

NEW NIGMS: Maximizing Access to Research Careers (T34)

PAR-21-147

Application Submission Deadline: May 26, 2021

The goal of the Maximizing Access to Research Careers (MARC) program is to develop a diverse pool of undergraduates who complete their baccalaureate degree, and transition into and complete biomedical, research-focused higher degree programs (e.g., Ph.D. or M.D./Ph.D.). This funding opportunity announcement (FOA) provides support to eligible, domestic institutions to develop and implement effective, evidence-informed approaches to biomedical training and mentoring that will keep pace with the rapid evolution of the research enterprise. The National Institute of General Medical Sciences (NIGMS) expects that the proposed research training programs will incorporate didactic, research, mentoring, and career development elements to prepare trainees for the completion of research-focused higher degree programs in biomedical fields. This program is limited to applications from training programs at baccalaureate degree-granting research-intensive institutions (i.e., those with an average of NIH Research Project Grant funding greater than or equal to \$7.5 million total costs over the last 3 fiscal years). This Funding Opportunity Announcement (FOA) does not allow appointed trainees to lead an independent clinical trial but does allow them to obtain research experience in a clinical trial led by a mentor or co-mentor. Applications are due by 5:00 PM local time of applicant organization on May 26, 2021. [Read more information](#).

NIGMS: Postdoctoral Research Associate Training (PRAT) Program (Fi2)

PAR-19-286

Application Submission Deadline October 4, 2021

The NIGMS Postdoctoral Research Associate Training (PRAT) Program's overarching goal is to provide high quality postdoctoral research training in the basic biomedical sciences to a diverse group of postdoctoral fellows in NIH Intramural research laboratories, and to prepare them for leadership positions in biomedical careers. Research projects proposed should focus on areas within the NIGMS mission, which include but are not limited to biological chemistry, biophysics, bioinformatics, cellular and molecular biology, computational biosciences, developmental biology, genetics, immunology, neuroscience, pharmacology, physiology, and technology development. In addition to the laboratory experience, the PRAT program provides a structured training environment with extensive career and professional development, mentoring, and networking opportunities planned and supported by the program. Applications are due by 5pm local time of applicant organization on October 4, 2021. [Read more information](#).

NIH: Ruth L. Kirschstein National Research Service Award (NRSA) Individual Predoctoral Fellowship to Promote Diversity in Health-Related Research (Parent F31-Diversity)

PA-21-252

Application Submission Deadline: April 8, 2021

The purpose of this Ruth L. Kirschstein National Research Service Award (NRSA) Individual Predoctoral Fellowship to Promote Diversity in Health-Related Research award is to enhance the diversity of the health-related research workforce by supporting the research training of predoctoral students from diverse backgrounds including those from groups that are underrepresented in the biomedical, behavioral, or clinical research workforce. Through this award program, promising predoctoral students will obtain individualized, mentored research training from outstanding faculty sponsors while conducting well-defined research projects in scientific health-related fields relevant to the missions of the participating NIH Institutes and Centers. The proposed mentored research training is expected to clearly enhance the individual's potential to develop into a productive, independent research scientist. Applications are due by April 8, 2021. [Read more information](#).

NIH: Ruth L. Kirschstein National Research Service Award (NRSA) Institutional Research Training Grant (Parent T32)

PA-20-142

Application Submission Deadline: May 25, 2021

The National Institutes of Health (NIH) will award Ruth L. Kirschstein National Research Service Award (NRSA) Institutional Research Training Grants (T32) to eligible, domestic institutions to enhance predoctoral and postdoctoral research training, including short-term research training, and help ensure that a diverse and highly trained workforce is available to meet the needs of the Nation's biomedical, behavioral, and clinical research agenda. Research training programs are expected to incorporate didactic, research, and career development elements to prepare trainees for careers that will have a significant impact on the health-related research needs of the Nation. Programs proposing only short-term predoctoral research training should not apply to this announcement, but rather to the Kirschstein-NRSA Short-

Term Institutional Research Training Grant Program (T35) exclusively reserved for predoctoral, short-term research training. Applications are due by May 25, 2021. [Read more information](#).

NIH: BRAIN Initiative Advanced Postdoctoral Career Transition Award to Promote Diversity (K99/R00 Independent Clinical Trial Not Allowed) (K99/R00 Independent Clinical Trial Required)

RFA-NS-19-043; RFA-NS-19-044

Application Submission Deadline: June 9, 2021

The purpose of the NIH BRAIN Initiative Advanced Postdoctoral Career Transition Award to Promote Diversity (K99/R00) program is to enhance workforce diversity in the neuroscience workforce and maintain a strong cohort of new and talented, NIH-supported, independent investigators from diverse backgrounds in [BRAIN Initiative research areas](#). 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 program will provide independent NIH research support during this transition in order to help awardees to launch competitive, independent research careers. Applications are due by June 9, 2021. [RFA-NS-19-043](#); [RFA-NS-19-044](#).

NIH: Small Grants for New Investigators to Promote Diversity in Health-Related Research (R21 Clinical Trial Optional)

PAR-19-222

Application Submission Deadline: June 16, 2021

The purpose of this Funding Opportunity Announcement (FOA) is to provide support for New Investigators: (1) from diverse backgrounds, including from groups nationally underrepresented in biomedical and behavioral research to conduct small research projects in the scientific mission areas of the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) and the National Human Genome Research Institute (NHGRI) and (2) who at the time of award under this FOA will have/have had less than \$125,000 direct cost of combined research funding (excluding NIH training and NIH career awards). This R21 will support small research projects that can be carried out in a short period of time with limited resources and seeks to facilitate the transition to research independence of diverse New Investigators. The R21 grant mechanism 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. Applications are due by 5pm local time of applicant organization on June 16, 2021. [Read more information](#).

NIH: Enhancing Science, Technology, Engineering, and Math Educational Diversity (ESTEEMED) Research Education Experiences (R25)

PAR-20-223

Application Submission Deadline: June 24, 2021

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The overarching goal of this R25 program is to support educational activities that encourage individuals from diverse backgrounds, including those from groups underrepresented in the biomedical and behavioral sciences, to pursue further studies or careers in research. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on Courses for Skills Development and Research Experiences for undergraduate freshmen and sophomores from diverse backgrounds, including those from groups underrepresented in bioengineering or STEM fields relevant to bioengineering, such as engineering or the physical/computational sciences, which play key roles in biomedical technologies and innovation. Completed applications are due by June 24, 2021. [Read more information](#).

NIH: Providing Research Education Experiences to Enhance Diversity in the Next Generation of Substance Use and Addiction Scientists (R25 Clinical Trials Not Allowed)

PAR-20-236

Application Submission Deadline: August 10, 2021

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The overarching goal of this R25 program is to support educational activities that encourage individuals from diverse backgrounds, including those from groups underrepresented in the biomedical and behavioral sciences, to pursue further studies or careers in research. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on: Research Experiences and Courses for Skills Development. Applications are due by 5:00 PM local time of applicant organization on August 10, 2021. [Read more information](#).

NIH: Neuroscience Development for Advancing the Careers of a Diverse Research Workforce (R25 Clinical Trial Not Allowed)

PAR-20-240

Application Submission Deadline: September 27, 2021

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The overarching goal of this R25 program is to support educational activities that encourage individuals from diverse backgrounds, including those from groups underrepresented in the biomedical and behavioral sciences, to pursue further studies or careers in research. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on: Research Experiences, Mentoring Activities, and Curriculum or Methods Development. Completed applications are due by September 27, 2021. [Read more information](#).

NIH: Research Supplements to Promote Diversity in Health-Related Research (Admin Supp - Clinical Trial Not Allowed)

PA-18-906

Application Submission Deadline: NIH Institutes and Centers (ICs) dependent

The National Institutes of Health (NIH) and the Center for Disease Control and Prevention hereby notify Program Director(s)/Principal Investigator(s) (PD(s)/PI(s)) holding specific types of research grants that funds are available for administrative supplements to improve the diversity of the research workforce by recruiting and supporting students, postdoctorates, and eligible investigators from diverse backgrounds, including those from groups that have been shown to be underrepresented in health-related research. This supplement opportunity is also available to PD(s)/PI(s) of research grants who are or become disabled and need additional support to accommodate their disability in order to continue to work on the research project. Administrative supplements must support work within the scope of the original project. This Funding Opportunity Announcement (FOA) is designed specifically for applicants proposing research that does not involve leading an independent clinical trial, a clinical trial feasibility study, or an ancillary clinical trial. Applicants to this FOA are permitted to propose research experience in a clinical trial led by a mentor or co-mentor. The application deadline varies by IC. [See specific deadlines](#) and [read more information](#).

NIH: Research Supplements to Promote Diversity in Health-Related Research (Admin Supp - Clinical Trial Not Allowed)

PA-20-222

Application Submission Deadline: Varies by Awarding Institute or Center

The National Institutes of Health (NIH) and the Centers for Disease Control and Prevention hereby notify Program Director(s)/Principal Investigator(s) (PD(s)/PI(s)) holding specific types of research grants (listed in the full FOA) that funds are available for administrative supplements to enhance the diversity of the research workforce by recruiting and supporting students, post-doctorates, and eligible investigators from diverse backgrounds, including those from groups that have been shown to be underrepresented in health-related research. This supplement opportunity is also available to PD(s)/PI(s) of research grants who are or become disabled and need additional support to accommodate their disability in order to continue to work on the research project. Administrative supplements must support work within the scope of the original project. The application deadline varies by the awarding Institute or Center. [Read more information](#).

NIMH: Mental Health Research Dissertation Grant to Enhance Workforce Diversity (R36 Independent Clinical Trial Not Allowed)

PAR-18-894

Application Submission Deadline: April 6, 2021

The purpose of this Funding Opportunity Announcement (FOA) is to enhance the diversity of the mental health research workforce by providing dissertation awards in all research areas within the strategic priorities of the NIMH to individuals from groups underrepresented in biomedical, behavioral, clinical and social sciences research. This award supports the completion of the doctoral research project. Applications are due on April 6, 2021. [Read more information](#).

NSF: Alliances for Graduate Education and the Professoriate
16-552

Application Submission Deadline: Second Friday in December, Annually

The Alliances for Graduate Education and the Professoriate (AGEP) program seeks to advance knowledge about models to improve pathways to the professoriate and success for historically underrepresented minority doctoral students, postdoctoral fellows and faculty, particularly African Americans, Hispanic Americans, American Indians, Alaska Natives, Native Hawaiians, and Native Pacific Islanders, in specific STEM disciplines and/or STEM education research fields. New and innovative models are encouraged, as are models that reproduce and/or replicate existing evidence-based alliances in significantly different disciplines, institutions, and participant cohorts. The AGEP program goal is to increase the number of historically underrepresented minority faculty, in specific STEM disciplines and STEM education research fields, by advancing knowledge about pathways to career success. The program objectives include: To support the development, implementation and study of innovative models of doctoral education, postdoctoral training, and faculty advancement for historically underrepresented minorities in specific STEM disciplines and/or STEM education research fields; and to advance knowledge about the underlying issues, policies and practices that have an impact on the participation,

transitions and advancement of historically underrepresented minorities in the STEM academy. Applications are due by the second Friday in December, annually. [Read more information.](#)

GENERAL FUNDING MECHANISMS

NICHD: Research Project Grant (R01 - Clinical Trial Required)

PA-18-480

Application Submission Deadline: May 8, 2021

The NICHD supports research in areas relevant to normal and abnormal human development, including: contraception, fertilization, pregnancy, childbirth, prenatal and postnatal development; childhood development through adolescence; intellectual and developmental disabilities; and rehabilitation medicine. This FOA is specifically for receipt of applications within the NICHD mission that propose one or more clinical trials. Applications are due by 5pm local time of applicant organization on May 8, 2021. [Read more information.](#)

NIDA: Program Project Grant Applications (P01 Clinical Trial Optional)

PAR-19-345

Application Submission Deadline: May 25, 2021

This Funding Opportunity Announcement (FOA) announces the availability of support for collaborative research by multi-disciplinary teams which is of high priority to NIDA and leads to synergistic outcomes based on the synthesis of multiple research approaches. The NIDA Program Projects funding opportunity will support research in which the funding of three or more highly meritorious projects as a group enriches both the component projects and the overall program to offer significant scientific advantages over supporting the same projects as individual research grants (i.e., synergy). For the duration of the award, each Program must consist of a minimum of three research projects focused on issues critical to advance the mission and goals of NIDA. Letters of intent are due 30 days prior to the application due date. Applications are due by May 25, 2021. [Read more information.](#)

NIH: Stephen I. Katz Early Stage Investigator Research Project Grant (R01 Clinical Trial Not Allowed)

PAR-21-038

Application Submission Deadline: May 26, 2021

The purpose of this Funding Opportunity Announcement is to provide a new pathway for Early Stage Investigators (ESIs) who wish to propose research projects in a new direction for which preliminary data do not exist. The Stephen I. Katz Early Stage Investigator Research Project Grant, named in honor of the late National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS) Director, Stephen I. Katz, M.D., Ph.D., is open to a broad range of scientific research relevant to the mission of the participating NIH Institutes and Centers (ICs). Proposed projects must represent a change in research direction for the ESI and should be innovative and unique. A distinct feature for this FOA is that applications must not include preliminary data. Applications are due by 5:00 PM local time of applicant organization on May 26, 2021. [Read more information.](#)

NIH: Stephen I. Katz Early Stage Investigator Research Project Grant (R01 Basic Experimental Studies with Humans Required)

PAR-21-039

Application Submission Deadline: May 26, 2021

The Stephen I. Katz Early Stage Investigator Research Project Grant supports an innovative project that represents a change in research direction for an early stage investigator (ESI) and for which no preliminary data exist. Applications submitted to this Funding Opportunity Announcement (FOA) must not include preliminary data. Applications must include a separate attachment describing the change in research direction. 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. This 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." These studies fall within the NIH definition of a clinical trial and also meet the definition of basic research. Applications are due by 5:00 PM local time of applicant organization on May 26, 2021. [Read more information.](#)

NIH: Exploratory/Developmental Research Grant Program (Parent R21 Clinical Trial Not Allowed)

PA-20-195

Application Submission Deadline: June 16, 2021

The NIH Exploratory/Developmental Grant supports exploratory and developmental research projects by providing support for the early and conceptual stages of these projects. These studies may involve considerable risk but may lead to a breakthrough in a particular area, or to the development of novel techniques, agents, methodologies, models, or applications that could have a major impact on a field of biomedical, behavioral, or clinical research. Applications are due by 5pm local time of applicant organization on June 16, 2021. [Read more information.](#)

NIH: Exploratory/Developmental Research Grant Program (Parent R21 Basic Experimental Studies with Humans Required)

PA-20-196

Application Submission Deadline: June 16, 2021

The NIH Exploratory/Developmental Grant supports exploratory and developmental research projects by providing support for the early and conceptual stages of these projects. These studies may involve considerable risk but may lead to a breakthrough in a particular area, or to the development of novel techniques, agents, methodologies, models, or applications that could have a major impact on a field of biomedical, behavioral, or clinical research. 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." These studies fall within the NIH definition of a clinical trial and also meet the definition of basic research. 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. Applications are due by 5pm local time of applicant organization on June 16, 2021. [Read more information](#).

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

PA-20-200

Application Submission Deadline: June 16, 2021

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. This Funding Opportunity Announcement does not accept applications proposing clinical trial(s). Applications are due by 5pm local time of applicant organization on June 16, 2021. [Read more information](#).

NIH: Limited Competition: Competitive Revision Awards for the Clinical and Translational Science Award (CTSA) Program (U54 Clinical Trial Optional)

PAR-19-337

Application Submission Deadline: September 27, 2021

The purpose of this Funding Opportunity Announcement (FOA) is to solicit competitive revision (formerly known as competitive supplement) applications from awardees with active Clinical and Translational Science Award (CTSA) Program hub awards (UL1) to support the demonstration, and/or dissemination, and/or implementation of highly innovative and impactful translational science projects that address the goals of the CTSA Program and are beyond the original scope of the approved parent project. Under this competitive revision, only applications for revisions to the UL1 award are allowed. Revisions to the linked KL2 and/or the TL1 awards are not allowed. Letters of intent are due 30 days prior to the application due date. Applications are due by September 27, 2021. [Read more information](#).

BY TOPIC

ADOLESCENTS AND YOUTH

CDC: Rigorous Evaluation of Policies for their Impacts on the Primary Prevention of Multiple Forms of Violence
RFA-CE-21-001

Application Submission Deadline: April 5, 2021

The Centers for Disease Control and Prevention's (CDC) National Center for Injury Prevention and Control (NCIPC) is soliciting research proposals to expand the evidence base for policy approaches for the primary prevention of multiple forms of violence experienced by children, youth, and adults. Policies that promote the social and economic well-being of populations and address community characteristics associated with violence have the potential to reduce rates of multiple forms of violence, including the four forms that are the focus of this announcement: child abuse and neglect, youth violence, intimate partner violence, and sexual violence. To advance NCIPC's commitment to increasing health equity, the intent is to support applications that investigate policies that address social and structural conditions to reduce the disproportionate burden of violence experienced by some groups and communities. Applications are due by 5:00 PM local time of applicant organization on April 5, 2021. [Read more information](#).

CDC: The CDC National Centers of Excellence in Youth Violence Prevention (YVPCs): Rigorous Evaluation of Prevention Strategies to Prevent and Reduce Community Rates of Youth Violence
RFA-CE-21-005

Application Submission Deadline: April 21, 2021

The Centers for Disease Control and Prevention's (CDC) National Center for Injury Prevention and Control (NCIPC or Injury Center) is soliciting research proposals to expand the evidence base for the primary prevention of youth violence. The purpose of this announcement is to fund the National Centers of Excellence in Youth Violence Prevention (Youth Violence Prevention Centers or YVPCs) to continue to build the evidence-base for violence prevention strategies and approaches that reduce community rates of youth violence within one or more geographically defined communities with high rates of youth violence. Applications for YVPCs supported under this announcement must describe 5 core elements: (1) an administrative infrastructure to support implementation, evaluation, and dissemination activities; to foster necessary local collaborations to achieve the YVPC's goals; and to work with other funded YVPCs as part of the YVPC Network; (2) the selected community or set of communities with high rates of youth violence as the focus of all proposed YVPC activities; (3) a rigorous evaluation of at least two distinct prevention strategies related to at least two of the four research areas outlined in this Notice of Funding Opportunity (NOFO) that are designed to reduce community rates of youth violence in the selected community or set of communities; (4) a youth advisory council to provide input on the selection, implementation, and evaluation of youth violence prevention strategies; and (5) integrated training activities for early career and junior researchers in youth violence prevention to complement the implementation, rigorous evaluation, and scholarship activities of the YVPC. Applications are due by 5:00pm ET on April 21, 2021. [Read more information.](#)

NEW CDC: Rigorously Evaluating Programs and Policies to Prevent Child Sexual Abuse (CSA)**RFA-CE-21-006****Application Submission Deadline: May 10, 2021**

The Centers for Disease Control and Prevention's National Center for Injury Prevention and Control (NCIPC) is soliciting investigator-initiated research proposals to rigorously evaluate approaches (programs, policies, or practices) for their impact on primary prevention of child sexual abuse (CSA) perpetrated by youth or adults. Research funded under this announcement will strengthen the evidence base for primary prevention of youth- or adult-perpetrated CSA. Applicants must propose rigorous evaluation designs, which for the purposes of this funding opportunity can include those that utilize experimental designs (i.e., randomized controlled trials) or quasi-experimental designs (e.g., comparative interrupted time series design, difference-in-differences, instrumental variables, regression discontinuity, regression point displacement, stepped wedge, propensity-score matching, comparison groups). Applications are due by May 10, 2021. [Read more information.](#)

NIDCR: Improving Oral Health and Reducing Disparities in Adolescents (R01 Clinical Trial Not Allowed) (R21 Clinical Trial Not Allowed)**PAR-20-058; PAR-20-059****Application Submission Deadline: June 5, 2021 (R01); June 16, 2021 (R21)**

The purpose of this Funding Opportunity Announcement (FOA) is to stimulate research to improve the oral health of adolescents in the United States, and to reduce observed oral health disparities and inequities in this population. This FOA defines "adolescents" as those individuals between the ages of 10 and 19. Applications are due by 5pm local time of applicant organization on June 5, 2021 (R01) and June 16, 2021 (R21). Read more information: [R01](#), [R21](#)

NIH: Accelerating the Pace of Child Health Research Using Existing Data from the Adolescent Brain Cognitive Development (ABCD) Study (R01-Clinical Trial Not Allowed) (R21-Clinical Trial Not Allowed)**PAR-19-162; PAR-19-163****Application Submission Deadline: June 5, 2021 (R01), June 16, 2021 (R21)**

The Adolescent Brain Cognitive Development (ABCD) Study is collecting data on health and mental health, cognitive function, substance use, cultural and environmental factors, and brain structure and function from youth starting when they are 9-10 years-old and following them longitudinally to early adulthood. These data will be made available to the scientific community through the NIMH Data Archive. The purpose of this Funding Opportunity Announcement (FOA) is to encourage applications proposing the analysis of this public use dataset to increase knowledge of adolescent health and development. More information about the ABCD Study may be found on the [ABCD Study web page](#). Applications are due by 5pm local time of applicant organization on June 5, 2021 for R01 and June 16, 2021 for R21. Read more information: [R01](#), [R21](#).

NIH: End-of-Life and Palliative Needs of Adolescents and Young Adults (AYA) with Serious Illnesses (R01 Clinical Trial Optional) (R21 Clinical Trial Optional)**PAR-19-136; PAR-19-153****Application Submission Deadline: June 5, 2021 (R01), June 16, 2021 (R21)**

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. Applications for PAR-19-136 are due by 5pm local time of applicant organization on June 5, 2021 ([R01](#)) and June 16, 2021 ([R21](#)).

NIH: Expert-Driven Small Projects to Strengthen Gabriella Miller Kids First Discovery (R03 Clinical Trial Not Allowed)

RFA-RM-21-011

Application Submission Deadline: June 18, 2021

The NIH Common Fund has established the Gabriella Miller Kids First Pediatric Research Program (Kids First) with the vision of alleviating suffering from childhood cancer and structural birth defects by fostering collaborative research to uncover the etiology of these diseases and supporting data sharing within the pediatric research community. Kids First has established and continues to develop a Data Resource including a large collection of curated genomic and phenotypic data from childhood cancer and structural birth defects cohorts and a central portal where these data and analysis tools are accessible to the research community. This FOA is intended to engage experts in a variety of activities that will enhance the utility of childhood cancer and/or structural birth defects genomic datasets generated by the Kids First program and/or associated phenotypic datasets and resources. These activities should strengthen future analyses of Kids First datasets by the broader researcher community with the ultimate goal of improving diagnostic capabilities and therapies for children and their families affected by these conditions. [Read more information.](#)

NIH: Research to Reduce Morbidity and Improve Care for Pediatric, and Adolescent and Young Adult (AYA) Cancer Survivors (R21 Clinical Trial Optional)

RFA-CA-20-028

Application Submission Deadline: July 30, 2021

Through this Funding Opportunity Announcement (FOA), the National Cancer Institute (NCI) invites applications describing research focused on improving care and health-related quality of life for childhood, and adolescent and young adult (AYA) cancer survivors. Specifically, this FOA solicits mechanistic, observational, and intervention applications that focus on six key domains: (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. Applications are due by July 30, 2021. [Read more information.](#)

New NIMH: Confirmatory Efficacy Clinical Trials of Non-Pharmacological Interventions for Mental Disorders (R01 Clinical Trial Required)

PAR-21-132

Application Submission Deadline: June 15, 2021

NIMH solicits clinical trial applications through a series of Funding Opportunity Announcements (FOAs) that cover the intervention development pipeline, from first-in-human, early testing of new interventions, confirmatory efficacy trials, through to effectiveness trials. The purpose of this FOA is to support confirmatory efficacy testing of non-pharmacological therapeutic and preventive interventions for mental disorders in adults and children through an experimental therapeutics approach. Under this FOA, trials must be designed so that results, whether positive or negative, will provide information of high scientific utility and will support "go/no-go" decisions about further development, effectiveness testing, or dissemination of the intervention. Interventions to be studied include, but are not limited to behavioral, cognitive, interpersonal, and device-based (both invasive/surgically implanted as well as noninvasive/transcranial) approaches, or a combination thereof. Interventions appropriate for efficacy testing must be based on a compelling scientific rationale, previous demonstration that the intervention engages and alters the hypothesized mechanism of action, a preliminary efficacy signal, and must address an unmet therapeutic need. Support will be provided for a trial of the intervention's efficacy that includes measurement of the hypothesized mechanism of action and the relationship between change in the mechanism and change in functional or clinical effects. Ultimately, this FOA is intended to support a sufficiently-powered efficacy trial to determine the intervention's potential for significant clinical benefit. Applicants pursuing other stages of the clinical trial pipeline should consider one of the companion FOAs listed above. Applications are due by 5:00 PM local time of applicant organization on June 15, 2021. [Read more information.](#)

[ADVERSE EXPERIENCES](#)

CDC: Rigorous Evaluation of Policies for their Impacts on the Primary Prevention of Multiple Forms of Violence RFA-CE-21-001

Application Submission Deadline: April 5, 2021

The Centers for Disease Control and Prevention's (CDC) National Center for Injury Prevention and Control (NCIPC) is soliciting research proposals to expand the evidence base for policy approaches for the primary prevention of multiple forms of violence experienced by children, youth, and adults. Policies that promote the social and economic well-being of populations and address community characteristics associated with violence have the potential to reduce rates of multiple forms of violence, including the four forms that are the focus of this announcement: child abuse and neglect, youth violence, intimate partner violence, and sexual violence. To advance NCIPC's commitment to increasing health equity, the intent is to support applications that investigate policies that address social and structural conditions to reduce the disproportionate burden of violence experienced by some groups and communities. Applications are due by 5:00 PM local time of applicant organization on April 5, 2021. [Read more information](#).

NIH: End-of-Life and Palliative Needs of Adolescents and Young Adults (AYA) with Serious Illnesses (R01 Clinical Trial Optional) (R21 Clinical Trial Optional)
PAR-19-136; PAR-19-153

Application Submission Deadline: June 5, 2021 (R01), June 16, 2021 (R21)

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. Applications for PAR-19-136 are due by 5pm local time of applicant organization on June 5, 2021 ([R01](#)) and June 16, 2021 ([R21](#)).

ARTS

NIH: Promoting Research on Music and Health: Phased Innovation Award for Music Interventions (R61/R33 Clinical Trial Optional)
PAR-20-266

Application Submission Deadline: June 2, 2021

The purpose of this Funding Opportunity Announcement (FOA) is to promote innovative research on music and health with an emphasis on developing music interventions aimed at understanding their mechanisms of action and clinical applications for the treatment of many diseases, disorders, and conditions. Given the emphasis on innovation, little or no preliminary data are needed to apply under this FOA. Because of the need for a multidisciplinary approach, collaborations among basic researchers, translational science researchers, music intervention experts, other clinical researchers, music health professionals, and technology development researchers are encouraged. The FOA utilizes a phased R61/R33 funding mechanism to support mechanistic research and to evaluate the clinical relevance of music interventions. Applications are due by June 2, 2021. [Read more information](#).

BEHAVIOR

NIH: Identification and Management of Behavioral Symptoms and Mental Health Conditions in Individuals with Intellectual Disabilities (R01 - Clinical Trial Optional)
PAR-18-766

Application Submission Deadline: June 5, 2021

This Funding Opportunity Announcement (FOA) encourages research grant applications focusing on identification and management of behavioral symptoms and mental health conditions in individuals with intellectual disabilities (ID). Specific areas of interest for this funding opportunity are (1) applications to develop and validate assessment tools that reliably identify behavioral symptoms or diagnose mental health conditions in individuals with ID, and (2) applications studying the pharmacokinetics, safety and efficacy of specific psychotropic medications for treatment of behavioral symptoms or mental health conditions in individuals with ID. Letters of intent are due 30 days prior to the application deadline. Applications are due by 5:00pm local time of applicant organization on June 5, 2021. [Read more information](#).

NIH: Research Project Grant (Parent R01 Basic Experimental Studies with Humans Required)
PA-20-184

Application Submission Deadline: June 5, 2021

The NIH Research Project Grant supports a discrete, specified, circumscribed project in areas representing the specific interests and competencies of the investigator(s). 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." These studies fall within the NIH definition of a clinical trial and also meet the definition of basic research. 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. 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. Applications are due by 5pm local time of applicant organization on June 5, 2021. [Read more information](#).

NIH: Mentored Research Scientist Development Award (Parent K01 Independent Basic Experimental Studies with Humans Required)

PA-20-191

Application Submission Deadline: June 12, 2021

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 bio medical, 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. 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.” These studies fall within the NIH definition of a clinical trial and also meet the definition of basic research. Types of studies that should be submitted 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. Applications are due by 5pm local time of applicant organization on June 12, 2021. [Read more information](#).

NIH: Pathway to Independence Award (Parent K99/R00 Independent Basic Experimental Studies with Humans Required)

PA-20-189

Application Submission Deadline: June 12, 2021

The purpose of the NIH Pathway to Independence Award (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. The program will provide independent NIH research support during this transition in order to help awardees to launch competitive, independent research careers. 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.” These studies fall within the NIH definition of a clinical trial and also meet the definition of basic research. Types of studies that should be submitted 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. Applications are due by 5pm local time of applicant organization on June 12, 2021. [Read more information](#).

NIH: Exploratory/Developmental Research Grant Program (Parent R21 Basic Experimental Studies with Humans Required)

PA-20-196

Application Submission Deadline: June 16, 2021

The NIH Exploratory/Developmental Grant supports exploratory and developmental research projects by providing support for the early and conceptual stages of these projects. These studies may involve considerable risk but may lead to a breakthrough in a particular area, or to the development of novel techniques, agents, methodologies, models, or applications that could have a major impact on a field of biomedical, behavioral, or clinical research. 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.” These studies fall within the NIH definition of a clinical trial and also meet the definition of basic research. 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. Applications are due by 5pm local time of applicant organization on June 16, 2021. [Read more information](#).

NIH: Developmental AIDS Research Centers on Mental Health and HIV/AIDS (P30 Clinical Trial Optional)

PAR-20-307; PAR-20-308

Application Submission Deadline: August 25, 2021

The National Institute of Mental Health (NIMH) Division of AIDS Research (DAR) encourages applications for Center Core grants (P30) to support Developmental HIV/AIDS Research Centers (D-ARC). The D-ARC is intended to provide

infrastructure support that facilitates the development of high impact science in HIV/AIDS and mental health that is relevant to the NIMH mission. This Funding Opportunity Announcement (FOA) intends to support innovative, interdisciplinary research in several areas, including basic, NeuroHIV, behavioral and social, integrated biobehavioral, applied, clinical, translational, and implementation science. All applications are due by 5:00 PM local time of applicant organization on August 25, 2021. Read more information: [PAR-20-307](#), [PAR-20-308](#)

NEW NIH: Secondary Analyses of Existing Datasets of Tobacco Use and Health (R21 Clinical Trial Not Allowed) RFA-OD-21-003

Application Submission Deadline: October 8, 2021

The purpose of this Funding Opportunity Announcement (FOA) is to invite R21 applications proposing the innovative analysis of existing (publicly available) nationally representative U.S. cross-sectional and longitudinal data, including the National Youth Tobacco Survey (NYTS), 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). Other publicly available data sets would be considered depending on the analyses to be conducted; however, nationally representative analyses will receive priority. Applications not using nationally representative data sets will need to provide justification why the data set is unique, and why the research questions cannot be answered from a (publicly available) nationally representative data set. This FOA encourages the analyses of public use datasets that may inform tobacco regulatory actions in the United States (U.S.). The awards under this FOA will be administered by NIH using funds that have been made available through FDA-CTP and the Family Smoking Prevention and Tobacco Control Act (P.L. 111-31). 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. Research Projects must address the research priorities related to the regulatory authority of the Food and Drug Administration (FDA) - Center for Tobacco Products (CTP). Applications are due by 5:00 PM local time of applicant organization on October 8, 2021. [Read more information.](#)

NSF: Human Networks and Data Science (HNDS) NSF 21-514

Application Submission Deadline: First Thursday in February, Annually

The Human Networks and Data Science program (HNDS) supports research that enhances understanding of human behavior and how humans interact with and are influenced by their environments by leveraging data science and network science research across a broad range of topics. HNDS research will identify ways in which dynamic, distributed, and heterogeneous data can provide novel answers to fundamental questions about individual and group behavior. HNDS is especially interested in proposals that provide data-rich insights about human networks to support improved health, prosperity, and security. The HNDS program offers two tracks: one for infrastructure projects and one for core research activities. Infrastructure projects (HNDS-I) will develop user-friendly large-scale next-generation data resources and relevant analytic techniques to advance fundamental research in SBE areas of study. Core research projects (HNDS-R) will address theoretically motivated questions about the nature, causes, and/or consequences of human behavior (broadly defined) that occurs within the multidimensional contexts defined by the networks that determine the human experience, from the biological networks in the human body to the sociocultural, economic and geospatial networks that comprise human societies. All applications are due by 5:00 PM local time of applicant organization on the first Thursday in February, annually. [Read more information.](#)

BRAIN FUNCTION AND DEVELOPMENT; NEUROBIOLOGY

NIAAA: Integrative Neuroscience Initiative on Alcoholism (INIA) Consortia (U01 Clinical Trial Optional) (U24 Clinical Trial Optional)

RFA-AA-20-013; RFA-AA-20-012

Application Submission Deadline: May 26, 2021

The National Institute on Alcohol Abuse and Alcoholism (NIAAA) seeks to continue the Integrative Neuroscience Initiative on Alcoholism (INIA), a translational, multidisciplinary, collaborative research effort studying brain mechanisms of excessive alcohol drinking associated with alcohol use disorder (AUD). The research focus includes mechanisms behind changes in the brain that result from excessive alcohol use and are associated with the development of AUD, brain changes that result in excessive use that is then correlated with AUD, and also the relationship between excessive drinking, stress, and anxiety. The primary goal of INIA is to identify brain adaptations at multiple levels of analysis that result in excessive alcohol consumption. Each consortium supported under this initiative will integrate analysis at the molecular, cellular, extracellular, synaptic, physiological and behavioral level. INIA has also helped to define factors that contribute to an individual's risk for the development of AUD and has identified novel targets for therapeutic intervention including medications. The linked set of FOAs will support two consortia each comprised of an administrative core,

multiple component projects (this FOA) and relevant scientific resource cores as needed. Applications are due by 5:00 PM local time of applicant organization on May 26, 2021. Read more information: [U01](#), [U24](#)

**NIDA: Imaging - Science Track Award for Research Transition (I/START) (R03 Clinical Trial Optional)
PAR-18-918**

Application Submission Deadline: June 16, 2021

This funding opportunity announcement (FOA) encourages Small Research Grant (R03) applications to facilitate the entry of investigators to the area of neuroimaging, including both new investigators and established investigators seeking to adopt neuroimaging methodologies in their research programs, to enable the conduct of small "proof of concept" studies. The R03 is intended to support research projects that can be carried out in a short period of time with limited resources. Applications are due by 5pm local time of applicant organization on June 16, 2021. [Read more information.](#)

**NEW NIDILRR: Disability and Rehabilitation Research Projects (DRRP) Program: Model Systems Knowledge Translation Center (MSKTC)
HHS-2021-ACL-NIDILRR-DPKT-0062**

Application Submission Deadline: May 11, 2021

The purpose of National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR)'s DRPPs, which are funded through the Disability and Rehabilitation Research Projects and Centers Program, is to improve the effectiveness of services authorized under the Rehabilitation Act by developing methods, procedures, and rehabilitation technologies that advance a wide range of independent living and employment outcomes for individuals with disabilities, especially individuals with the most significant disabilities. Under this particular opportunity, a DRPP must conduct knowledge translation and related activities in collaboration with the Burn Model System, Spinal Cord Injury (SCI) Model System, and Traumatic Brain Injury (TBI) Model System grantees. Specifically, the MSKTC will be required to collaborate with the model system centers to produce systematic reviews of existing research and information products for SCI, TBI, and Burn; identify effective strategies for disseminating those products and SCI, TBI, and Burn Model System programs' research findings; serve as the central resource for product dissemination; and provide training and technical assistance in knowledge translation for the Model System grantees. Applications are due by May 11, 2021. [Read more information.](#)

**NIGMS Postdoctoral Research Associate Training (PRAT) Program (F12)
PAR-19-286**

Application Submission Deadline October 4, 2021

The NIGMS Postdoctoral Research Associate Training (PRAT) Program's overarching goal is to provide high quality postdoctoral research training in the basic biomedical sciences to a diverse group of postdoctoral fellows in NIH Intramural research laboratories, and to prepare them for leadership positions in biomedical careers. Research projects proposed should focus on areas within the NIGMS mission, which include but are not limited to biological chemistry, biophysics, bioinformatics, cellular and molecular biology, computational biosciences, developmental biology, genetics, immunology, neuroscience, pharmacology, physiology, and technology development. In addition to the laboratory experience, the PRAT program provides a structured training environment with extensive career and professional development, mentoring, and networking opportunities planned and supported by the program. Applications are due by 5pm local time of applicant organization on October 4, 2021. [Read more information.](#)

**NEW NIH: Fogarty Global Trauma and Injury Research Training Program (D43 Clinical Trial Optional)
RFA-TW-21-003**

Application Submission Deadline: April 16, 2021

The participating NIH institutes and centers for this FOA are the Fogarty International Center (FIC), the National Institute of Neurological Disorders and Stroke (NINDS), and the Office of Research on Women's Health (ORWH). The overall objective of this Funding Opportunity Announcement (FOA) is to strengthen trauma and injury research capacity at academic institutions in low- and middle-income countries (LMICs) through support for research training programs. Research training and capacity training programs should: 1) provide in depth training in research design, methods, and analytic techniques appropriate for trauma and injury research; 2) support trainees to conduct mentored research using state-of-the-art methods; 3) provide training in scientific presentation and publication; 4) support trainees to obtain advanced degrees (Master's or Ph.D.) in trauma and injury research; and 5) support research faculty/mentors to strengthen trauma and injury research capacity at LMIC institutions, and to contribute to national and global trauma and injury research initiatives and networks. Examples of research training areas include prevention and care of injuries specific to girls and women and gender-based violence prevention and intervention. This Funding Opportunity Announcement (FOA) allows trainees to propose to serve as the lead investigator of an independent clinical trial; or proposing a separate ancillary clinical trial; or proposing to gain research experience in a clinical trial led by another investigator, as part of their research and career development. Applications are due by 5:00 PM local time of applicant organization on April 16, 2021. [Read more information.](#)

NIH: BRAIN Initiative: New Concepts and Early-Stage Research for Recording and Modulation in the Nervous System (R21) (Clinical Trial Not Allowed)

RFA-EY-21-001

Application Submission Deadline: May 3, 2021

This FOA seeks applications for unique and innovative recording and/or modulation technologies that are in the earliest stage of development, including new and untested ideas that are in the initial stages of conceptualization. Some projects may aim to increase recording or modulation capabilities by many orders of magnitude, while others may aim to improve the precision and selectivity of recording or modulation (also referred to as stimulation, perturbation, or manipulation). A wide range of modalities are appropriate including acoustic, chemical, electrical, magnetic, optical and chemical, as well as the use of genetic tools. Invasive or non-invasive approaches are sought that will enable large-scale recording and/or precise manipulation of neural activity, and that would ultimately be compatible with experiments in humans or behaving animals. Applications are encouraged from any qualified individuals, including physicists, engineers, theoreticians, and scientists, especially those not typically involved with neuroscience research. Applications are due by 5pm local time of applicant organization on May 3, 2021. [Read more information.](#)

NEW NIH: Limited Competition to Convert the CNS HIV Antiretroviral Therapy Effects Research (CHARTER) Study Cohort to a Research Resource (R24 - Clinical Trial Not Allowed)

RFA-MH-21-170

Application Submission Deadline: May 10, 2021

This Limited Competition Funding Opportunity Announcement (FOA) for a Resource-Related Research Project (R24) grant invites applications to continue the activities of CHARTER cohort (a cohort of individuals living with HIV on Antiretroviral therapy) to collect and provide research data as well as research specimens to interested investigators to address high priority research areas for studies of Central Nervous System (CNS) disease associated with HIV. Although excellent virologic control in the periphery and brain has been achieved, CNS complications including neurologic, neuropsychiatric and mental health problems are observed. This FOA only supports non-hypothesis driven activity to provide data, materials, tools, or services that are essential to making timely, high quality, and cost-efficient progress in the NeuroHIV field. Hypothesis-driven research applications should not be submitted in response to this FOA. The resource proposed should be available to any qualified investigator, should be highly quality controlled, and should not duplicate resources available commercially or through other sources. Resources should be designed to provide services to the broad NeuroHIV research community and should not be limited by any specific institutions. Applications are due by 5:00 PM local time of applicant organization on May 10, 2021. [Read more information.](#)

NIH: Jointly Sponsored Ruth L. Kirschstein National Research Service Award Institutional Predoctoral Training Program in the Neurosciences (T32 Clinical Trial Not Allowed)

PAR-20-076

Application Submission Deadline: May 25, 2021

The Jointly Sponsored NIH Predoctoral Training Program in the Neurosciences (JSPTPN) is an institutional program that supports broad and fundamental research training in the neurosciences. In addition to a broad education in the neurosciences, a key component will be a curriculum that provides a strong foundation in experimental design, statistical methodology and quantitative reasoning. JSPTPN programs are intended to be 2 years in duration and students may only be appointed to this training grant during the first 2 years of their graduate research training. The primary objective is to prepare students to be outstanding scientists equipped to pursue careers in neuroscience. Letters of intent are due 30 days prior to the application due date. Applications are due by 5pm local time of applicant organization on May 25, 2021. [Read more information.](#)

NIH: BRAIN Initiative Advanced Postdoctoral Career Transition Award to Promote Diversity (K99/R00 Independent Clinical Trial Not Allowed) (K99/R00 Independent Clinical Trial Required)

RFA-NS-19-043; RFA-NS-19-044

Application Submission Deadline: June 9, 2021

The purpose of the NIH BRAIN Initiative Advanced Postdoctoral Career Transition Award to Promote Diversity (K99/R00) program is to enhance workforce diversity in the neuroscience workforce and maintain a strong cohort of new and talented, NIH-supported, independent investigators from diverse backgrounds in [BRAIN Initiative research areas](#). 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 program will provide independent NIH research support during this transition in order to help awardees to launch competitive, independent research careers. Applications are due by June 10, 2021. [RFA-NS-19-043](#); [RFA-NS-19-044](#).

NIH: Discovery of Cell-based Chemical Probes for Novel Brain Targets (R21 Clinical Trial Not Allowed)

PAR-21-028**Application Submission Deadline: June 16, 2021**

This Funding Opportunity Announcement (FOA) intends to support investigators who have interest and capability to join efforts for the discovery of cell-based chemical probes for novel brain targets. It is expected that applicants will have in hand the starting compounds (validated hits) for chemical optimization and bioassays for testing new analog compounds. Through this FOA, NIH wishes to stimulate research in: 1) discovery and development of novel, small molecules for their potential use in understanding biological processes relevant to the missions of NIMH, NIA, NICHD, and/or NIDCD; and 2) discovery and/or validation of novel, biological targets that will inform studies of brain disease mechanisms. Emphasis will be placed on projects that provide new insight into important disease-related biological targets and biological processes. The main emphasis of projects submitted under this FOA should be in the discovery of cell-based chemical probes. All applications are due by 5:00 PM local time of applicant organization on June 16, 2021. [Read more information.](#)

NIH: BRAIN Initiative: Research Resource Grants for Technology Integration and Dissemination (U24 Clinical Trial Not Allowed)**RFA-NS-19-006****Application Submission Deadline: June 27, 2021**

This funding opportunity announcement (FOA) supports efforts to disseminate resources and to integrate them into neuroscience research practice. Projects should be highly relevant to specific goals of the BRAIN Initiative, goals that are described in the planning document "[BRAIN 2025: A Scientific Vision](#)." They should engage in one or more of the following activities: distribution of tools and reagents; user training on the usage of new technologies or techniques; providing access to existing technology platforms and specialized facilities; minor improvements to increase the scale/efficiency of resource production and delivery; minor adaptations to meet the needs of a user community. Applications strictly focused on technology or software development, rather than dissemination of an existing resource, are not responsive to this FOA. Refinements to microscopes or tools necessary to customize them to the experimental needs of the end users is allowed. Projects should address compelling needs of neuroscience researchers working toward the goals of the BRAIN 2025 report that are otherwise unavailable or impractical in their current form. Letters of intent are due 30 days prior to the application due date. Complete applications are due by June 27, 2021. [Read more information.](#)

NIH: BRAIN Initiative Fellows: Ruth L. Kirschstein National Research Service Award (NRSA) Individual Postdoctoral Fellowship (F32)**RFA-MH-20-620****Application Submission Deadline: August 10, 2021**

The purpose of the The Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Initiative Fellows (F32) program is to enhance the research training of promising postdoctorates, early in their postdoctoral training period, who have the potential to become productive investigators in research areas that will advance the goals of the BRAIN Initiative. Applications are encouraged in any research area that is aligned with the BRAIN Initiative, including neuroethics. Applicants are expected to propose research training in an area that clearly complements their predoctoral research. Formal training in analytical tools appropriate for the proposed research is expected to be an integral component of the research training plan. In order to maximize the training potential of the F32 award, this program encourages applications from individuals who have not yet completed their terminal doctoral degree and who expect to do so within 12 months of the application due date. On the application due date, candidates may not have completed more than 12 months of postdoctoral training. Applications are due by 5:00 PM local time of applicant organization on August 10, 2021. [Read more information.](#)

NIH: BRAIN Initiative: Development of Next Generation Human Brain Imaging Tools and Technologies (U01 Clinical Trial Not Allowed)**RFA-EB-19-002****Application Submission Deadline: September 3, 2021**

This funding opportunity announcement (FOA), in support of the NIH Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Initiative, aims to support full development of entirely new or next generation noninvasive human brain imaging tools and methods that will lead to transformative advances in our understanding of the human brain. The FOA seeks innovative applications that are ready for full-scale development of breakthrough technologies with the intention of delivering working tools. This FOA represents the second stage of the tool/technology development effort that started with [RFA-MH-14-217](#) and [RFA-MH-15-200](#). Letters of intent are due 30 days prior to the application due date. Applications are due by 5pm local time of applicant organization on September 3, 2021. [Read more information.](#)

NIH: BRAIN Initiative: Proof of Concept Development of Early Stage Next Generation Human Brain Imaging (R01 Clinical Trial Not Allowed)**RFA-EB-20-001**

Application Submission Deadline: September 3, 2021

This funding opportunity announcement (FOA), in support of the NIH Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Initiative, aims to support early stage development of entirely new noninvasive imaging methods or unusually bold approaches for existing noninvasive imaging methods that will lead to transformative advances in our understanding of the function and connectivity of the human brain. The FOA solicits small-scale projects to prove exceptionally innovative, original and/or unconventional concepts. Applications are due by September 3, 2021. [Read more information](#).

NIH: NIH Blueprint for Neuroscience Research: Tools and Technologies to Explore Nervous System Biomolecular Condensates (R21 Clinical Trial Not Allowed)**RFA-DA-22-008****Application Submission Deadline: September 15, 2021**

The NIH Blueprint for Neuroscience Research is a collaborative framework through which 14 NIH Institutes, Centers and Offices jointly support neuroscience related research, with the aim of accelerating discoveries and reducing the burden of nervous system disorders (for further information, see <http://neuroscienceblueprint.nih.gov/>). The purpose of this FOA is to support the development of innovative tools and/or technologies to monitor or manipulate biomolecular condensates (BMCs) in vivo and enable investigators to adopt these tools to answer outstanding questions in basic neuroscience. This research will transform our understanding of the mechanistic role of BMCs in human nervous system health and disease and may serve as the foundation for the development of novel BMC-based therapeutics. Applications are due by 5pm local time of applicant organization on September 15, 2021. [Read more information](#).

new NIH: BRAIN Initiative: Integration and Analysis of BRAIN Initiative Data (R01 Clinical Trial Not Allowed)**RFA-MH-21-135****Application Submission Deadline: October 15, 2021**

This Funding Opportunity Announcement (FOA) solicits applications to develop informatics tools for analyzing, visualizing, and integrating data related to the BRAIN Initiative or to enhance our understanding of the brain. As part of programs of building the informatics infrastructure for the BRAIN Initiative, the FOA supports several different, but related activities. These include modifying existing analysis and visualization tools to deal with BRAIN Initiative data and integrating different types of BRAIN Initiative datasets. Proposing the development of new tools to deal with BRAIN Initiative data is also permitted. The tools supported under this FOA will make use of relevant data standards and will be built so that they can be integrated into the data repositories, both of which are created in awards under the other FOAs of the BRAIN initiative informatics program. The tools must be user-friendly in accessing and analyzing data from appropriate data archives and should analyze/visualize data without requiring users to download data. The tools should also allow data to be combined for analysis/visualization from multiple locations. Applications are due by 5:00 PM local time of applicant organization on October 15, 2021. [Read more information](#).

NIH: BRAIN Initiative: Pilot resources for brain cell type-specific access and manipulation across vertebrate species (U01 Clinical Trial Not Allowed)**RFA-MH-20-556****Application Submission Deadline: October 19, 2021**

This Funding Opportunity Announcement (FOA) from the NIH Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Initiative is intended to support the development of technologies, production efforts, and dissemination resources for a cell type-specific armamentarium to study brain function across species. The goal is to promote evaluation of molecular or genetic technologies and creation of pilot production and distribution resources for cell type-specific access and manipulation reagents for several vertebrate species, including in human ex vivo tissues or cells. Demonstration projects are sought that would develop reagents that: (1) enable access to molecularly defined neural cell types in a complex brain region or significant brain network of a vertebrate; (2) are easily produced, disseminated, utilized, and stored; and (3) are catalogued for users in a brain atlas. In addition to the above required features, reagents are also sought that exhibit the following qualities: (4) are applicable to both genetically tractable and less tractable vertebrate organisms; (5) exhibit high specificity and efficiency of targeting; (6) show low toxic or perturbative effects; (7) provide flexibility to deliver various reporter, sensor, and effector payloads and are compatible with other methods of access to brain cell types; and (8) are potentially usable in human ex vivo brain tissue or cells. The pilot projects should be scalable in the future. The long-term goal of a potentially scaled-up effort is to achieve near comprehensive, molecular access for monitoring and manipulation reagents in each defined cell type of vertebrate brains relevant to neuroscience research. All applications are due by 5:00 PM local time of applicant organization on October 19, 2021. [Read more information](#).

NIH: BRAIN Initiative: Research Opportunities Using Invasive Neural Recording and Stimulating Technologies in the Human Brain (U01 Clinical Trial Required)

RFA-NS-19-001**Application Submission Deadline: October 29, 2021**

Invasive surgical procedures provide the unique ability to record and stimulate neurons within precisely localized brain structures in humans. Human studies using invasive technology are often constrained by a limited number of patients and resources available to implement complex experimental protocols and are rarely aggregated in a manner that addresses research questions with appropriate statistical power. Therefore, this RFA seeks applications to assemble diverse, integrated, multi-disciplinary teams that cross boundaries of interdisciplinary collaboration to overcome these fundamental barriers and to investigate high-impact questions in human neuroscience. Projects should maximize opportunities to conduct innovative in vivo neuroscience research made available by direct access to brain recording and stimulating from invasive surgical procedures. Projects should employ approaches guided by specified theoretical constructs and quantitative, mechanistic models where appropriate. Letter of Intent due 30 days before application deadline. Applications are due by 5pm local time of applicant organization on October 29, 2021. [Read more information](#).

NIH: BRAIN Initiative: Team-Research BRAIN Circuit Programs – TeamBCP (U19 Clinical Trial Required) (U19 Clinical Trial Not Allowed)**RFA-NS-19-002; RFA-NS-19-003****Application Submission Deadline: October 29, 2021**

This RFA will support integrated, interdisciplinary research teams from prior BRAIN technology and/or integrated approaches teams, and/or new projects from the research community that focus on examining circuit functions related to behavior, using advanced and innovative technologies. The goal will be to support programs with a team science approach that can realize meaningful outcomes within 5-plus years. Awards will be made for 5 years, with a possibility of one renewal. Projects will incorporate overarching principles of circuit function in the context of specific neural systems underlying sensation, perception, emotion, motivation, cognition, decision-making, motor control, communication, or homeostasis. Programs should employ multi-component teams of research expertise – including neurobiologists, statisticians, physicists, mathematicians, engineers, computer scientists, and data scientists, as appropriate - that seek to cross boundaries of interdisciplinary collaboration. Applications are due by 5pm local time of applicant organization on October 29, 2021. Read more information: [RFA-NS-19-002](#); [RFA-NS-19-003](#).

NIMH: Neuromodulation/Neurostimulation Device Development for Mental Health Applications (R21 Clinical Trial Optional) (R01 Clinical Trial Optional)**PAR-18-941; PAR-18-942****Application Submission Deadline: June 5, 2021 (R01), June 16, 2021 (R21)**

The purpose of this funding opportunity announcement (FOA) is to encourage applications seeking to develop the next generation of brain stimulation devices for treating mental health disorders. Applications are sought that will either 1) develop novel brain stimulation devices or 2) significantly enhance, by means of hardware/software improvements, the effectiveness of brain stimulation devices that are currently U.S. Food and Drug Administration (FDA)-approved or cleared. Novel devices should move beyond existing electrical/magnetic stimulation and develop new stimulation techniques capable of increased spatiotemporal precision as well as multi-focal, closed-loop approaches. Applications seeking to develop new capabilities should focus on significant enhancement of the spatial resolution, depth of delivery, and/or precision of the device. Incremental changes to existing devices (e.g., software updates) are not within the scope of this announcement. Applications should be submitted by multi-disciplinary teams with diverse expertise including systems neuroscience, engineering, clinical, and regulatory affairs. Applications to this FOA may propose hypothesis-driven research, but should propose design-directed, developmental, or discovery-driven technology research using integrative approaches. Complete applications are due by 5pm local time of applicant organization on June 5, 2021 for [R01](#) and by June 16, 2021 for [R21](#).

NINDS: Ruth L. Kirschstein National Research Service Award (NRSA) for Training of Postdoctoral Fellows (F32 Clinical Trial Not Allowed)**PAR-21-032****Application Submission Deadline: June 9, 2021**

The purpose of this award is to support outstanding scientific training of highly promising postdoctoral candidates with outstanding mentors. Candidates are eligible to apply for support from this program from ~12 months prior to the start of the proposed postdoctoral position to within 12 months after starting in the proposed postdoctoral position. This National Institute of Neurological Disorders and Stroke (NINDS) F32 seeks to foster early, goal-directed planning and to encourage applications for bold and/or innovative projects by the candidate that have the potential for significant impact. Inclusion of preliminary data is strongly discouraged; rather, this F32 seeks innovative research ideas and thoughtful plans for training and mentorship that will facilitate the development of the postdoctoral fellow into an outstanding scientist. Applications are expected to incorporate strong training in quantitative reasoning and the quantitative principles of experimental design and analysis. Support by this program is limited to the first 4 years of a candidate's activity in a specific laboratory or research environment, so as to further encourage early, thoughtful planning and timely completion of "mentored training" within a

particular lab or environment. Applications are due by 5:00 PM local time of applicant organization on June 9, 2021. [Read more information.](#)

NEW NINDS: Innovation Grants to Nurture Initial Translational Efforts (IGNITE): Development and Validation of Model Systems to Facilitate Neurotherapeutic Discovery (R61/R33 Clinical Trial Not Allowed)
PAR-21-123

Application Submission Deadline: June 17, 2021

This funding opportunity announcement (FOA) encourages the development and validation of animal models and human/animal tissue ex vivo systems that recapitulate the phenotypic and physiologic characteristics of a defined neurological or neuromuscular disorder. The goal of this FOA is to promote a significant improvement in the translational relevance of animal models or ex vivo systems that will be utilized to facilitate future development of neurotherapeutics. Ideally, models proposed for this FOA would have the potential to provide feasible and meaningful assessments of efficacy following therapeutic intervention that would be applicable in both preclinical and clinical settings. This FOA is part of a suite of Innovation Grants to Nurture Initial Translational Efforts (IGNITE) Program focused on enabling the exploratory and early stages of drug discovery. Applications are due by 5:00 PM local time of applicant organization on June 17, 2021. [Read more information.](#)

COGNITIVE DEVELOPMENT AND LEARNING SCIENCES

NIH: Accelerating the Pace of Child Health Research Using Existing Data from the Adolescent Brain Cognitive Development (ABCD) Study (R01-Clinical Trial Not Allowed) (R21-Clinical Trial Not Allowed)
PAR-19-162; PAR-19-163

Application Submission Deadline: June 5, 2021 (R01), June 16, 2021 (R21)

The Adolescent Brain Cognitive Development (ABCD) Study is collecting data on health and mental health, cognitive function, substance use, cultural and environmental factors, and brain structure and function from youth starting when they are 9-10 years-old and following them longitudinally to early adulthood. These data will be made available to the scientific community through the NIMH Data Archive. The purpose of this Funding Opportunity Announcement (FOA) is to encourage applications proposing the analysis of this public use dataset to increase knowledge of adolescent health and development. More information about the ABCD Study may be found on the [ABCD Study web page](#). Applications are due by 5pm local time of applicant organization on June 5, 2021 for R01 and June 16, 2021 for R21. Read more information: [R01](#), [R21](#).

NSF: Developmental and Learning Sciences

Application Submission Deadline: January 15 and July 15 annually

The National Science Foundation's Developmental and Learning Sciences program (DLS) supports fundamental research that increases our understanding of cognitive, linguistic, social, cultural, and biological processes related to children's and adolescents' development and learning. Research supported by this program will add to our basic knowledge of how people learn and the underlying developmental processes that support learning, with the objective of leading to better educated children and adolescents who grow up to take productive roles as workers and as citizens. Among the many research topics supported by DLS are: developmental cognitive neuroscience; development of higher-order cognitive processes; transfer of knowledge from one domain or situation to another; use of molecular genetics to study continuities and discontinuities in development; development of peer relations and family interactions; multiple influences on development, including the impact of family, school, community, social institutions, and the media; adolescents' preparation for entry into the workforce; cross-cultural research on development and learning; and the role of cultural influences and demographic characteristics on development. Additional priorities include research that: incorporates multidisciplinary, multi-method, microgenetic, and longitudinal approaches; develops new methods, models, and theories for studying learning and development; and integrates different processes (e.g., learning, memory, emotion), levels of analysis (e.g., behavioral, social, neural), and time scales (e.g. infancy, middle childhood, adolescence). This program supports Integrative Research Activities for Developmental Science (IRADS). The program currently is at its capacity for supporting such large-scale awards, and is therefore not considering new IRADS proposals at this point in time. The program is accepting proposals for individual investigator projects (average total budget of approximately \$100,000 per year) and workshops/ small conferences (average total one-time budget of approximately \$15,000). [Read more information.](#)

COVID-19

ED: Office of Postsecondary Education (OPE): Higher Education Emergency Relief Fund (HEERF) Proprietary Institution Grant Funds for Students Assistance Listing Number 84.425Q

ED-GRANTS-011521-005**Application Submission Deadline: April 15, 2021**

With this notice, the Secretary is announcing that proprietary institutions of higher education as defined in section 102(b) of the Higher Education Act of 1965, as amended, 20 USC 1002(b), may apply for HEERF grant funds under the new CRRSAA section 314(a)(4) program, Proprietary Institution Grant Funds for Students (CFDA 84.425Q). The estimated available funds for this program is approximately \$680 million. Allocations for eligible proprietary institutions of higher education will be calculated on the basis of the formula in section 314(a)(1)(A) through (F). Under section 314(d)(7), awards from the Proprietary Institution Grant Funds for Students program may only be used to provide financial aid grants to students (including students exclusively enrolled in distance education), which may be used for any component of the student's cost of attendance or for emergency costs that arise due to coronavirus, such as tuition, food, housing, health care (including mental health care), or child care. In making such financial aid grants to students, grantees must prioritize grants to students with exceptional need, such as students who receive Pell Grants. Applications are due by April 15, 2021. [Read more information.](#)

NIAAA: SARS-CoV-2, COVID-19 and Consequences of Alcohol Use (R01 Clinical Trial Not Allowed); (R03 Clinical Trial Not Allowed); (R21 Clinical Trial Not Allowed)**RFA-AA-21-002; RFA-AA-21-003; RFA-AA-21-004****Application Submission Deadline: April 14, 2021**

This Funding Opportunity Announcement (FOA) will support research grants to address urgent, time-sensitive research questions on the relationships between alcohol consumption and COVID-19 related outcomes and consequences. The principal area of focus is research that can improve public health in the near term by informing responses to the current COVID-19 pandemic, in view of 1) the impact of alcohol misuse on incidence and severity of COVID-19 disease or 2) the effect of the COVID-19 disease and pandemic-induced restrictions on alcohol use and alcohol use disorder (AUD). Time-sensitive applications for which standard NIH review and funding timelines would compromise either the ability to conduct the research or the value of the knowledge and with the potential to inform responses to the current pandemic will be considered. Applications to RFA-AA-21-002 should be accomplished within a three year project duration. The RFA-AA-21-003 FOA uses the R03 mechanism, which is intended to support research projects that can be carried out in a short period of time with limited resources and that may provide preliminary data to support a subsequent R01, or equivalent, application. The RFA-AA-21-004 FOA uses the R21 grant mechanism, which is intended to support investigation of novel scientific ideas or new model systems, tools, or technologies that have the potential for significant impact on biomedical or biobehavioral research. Read more information: [RFA-AA-21-002](#); [RFA-AA-21-003](#); [RFA-AA-21-004](#).

NIMH: Notice of Special Interest regarding the Availability of Administrative Supplements and Urgent Competitive Revisions for Mental Health Research on the 2019 Novel Coronavirus**NOT-MH-20-047****Application Submission Deadline: Applications Accepted on Rolling Basis until April 15, 2021**

NIMH is issuing this Notice of Special Interest (NOSI) to highlight interest in research to strengthen the mental health response to Coronavirus Disease 2019 (COVID-19) caused by the Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) and to future public health emergencies, including pandemics. NIMH is especially interested in research to provide an evidence base for how a disrupted workforce may adequately respond/adapt to and maintain services or provide additional care for new or increasing mental health needs, as well as to learn about the effects of the virus and public health measures to prevent spread of COVID-19 that may have an impact on mental health. Research addressing the intersection of COVID-19, mental health, and HIV treatment and prevention are also of interest to NIMH. Applications will be accepted on a rolling basis through April 15, 2021. [Read more information.](#)

NIMHD: Notice of Special Interest (NOSI): Competitive and Administrative Supplements for the Impact of COVID-19 Outbreak on Minority Health and Health Disparities**NOT-MD-20-019****Application Submission Deadline: Applications Accepted on Rolling Basis until May 1, 2021**

The National Institute on Minority Health and Health Disparities (NIMHD) is issuing this Notice of Special Interest (NOSI) to highlight the urgent need for research on the impact of the novel Coronavirus (SARS-CoV-2) pandemic causing COVID-19 disease outbreaks and the resulting disruptions on individual and social wellbeing, health services use, and health outcomes for NIH-designated health disparity populations. This NOSI is soliciting research in health disparity populations that seeks to understand: 1) how state and local policies and initiatives mitigate or exacerbate disparities in health services use and health outcomes; 2) the role that community-level protective and resilience factors and interventions have in mitigating the effects of the sector disruptions that the COVID-19 outbreak causes; and 3) how behavioral and/or biological mechanisms may contribute to COVID-19 manifestations. Outcomes of interest include, but are not limited to, the COVID-19 incidence, prevalence, and mortality rates in defined populations; substance abuse and mental health effects; impact on chronic conditions; effects on severe maternal morbidity and mortality; and influence on

access, utilization, and quality of health care (including needed medical care, medical treatments, and access to prescription drugs). Applications will be accepted on a rolling basis through May 1, 2021. [Read more information](#).

DATA SHARING AND TRANSLATION

NEW FDA: Data Standards for Tobacco Research and Scientific Review Program (U24) Clinical Trial Not Allowed RFA-FD-22-002

The FDA Center for Tobacco Products is encouraging applications for projects to expedite development of data standards and terminologies to facilitate tobacco research, scientific review, harm reduction, and information exchange. The primary objective is to facilitate the development of non-proprietary, consensus-based, standards for use in studies of tobacco products. Projects may focus on solutions to general data standards development and implementation challenges and/or on specific concepts, domains or areas where standardization is needed. Applications are due by 11:59 PM Eastern Time on June 1, 2021. [Read more information](#).

NIAAA: Resource-Related Research Projects (R24 Clinical Trial Not Allowed) PAR-21-072

Application Submission Deadline: May 25, 2021

The purpose of the Resource-Related Research Projects (R24) grant provided by the National Institute on Alcohol Abuse and Alcoholism (NIAAA) is to support investigator-initiated resources designed to provide materials and services to support and advance biomedical research on a national basis. An R24 resource grant mechanism is a non-hypothesis-driven activity to provide data, materials, tools, or services that are essential to making timely, high quality, and cost-efficient progress in a field. Hypothesis-driven research applications should not be submitted in response to this program announcement but to another mechanism that encourages this type of research. The resource should be available to any qualified investigator, and should be highly quality controlled, and not duplicate resources available commercially or through other sources. Resources should be designed to provide services to the broad alcohol research community and should not be limited by any specific regional focus. Applications are due by 5:00 PM local time of applicant organization on May 25, 2021. [Read more information](#).

NICHD: Archiving and Documenting Child Health and Human Development Data Sets (R03 Clinical Trial Not Allowed) PAR-20-064

PAR-20-064

Application Submission Deadline: June 16, 2021

The purpose of this funding opportunity announcement (FOA) is to support the archiving and documentation of existing data sets within the scientific mission of the *Eunice Kennedy Shriver* National Institute of Child Health and Human Development (NICHD) in order to enable secondary analysis of these data by the scientific community. The highest priority is to archive original data collected with NICHD funding. Letters of intent are due 30 days prior to the application due date. Applications are due by 5pm local time of applicant organization on June 16, 2021. [Read more information](#).

NEW NIDILRR: Disability and Rehabilitation Research Projects (DRRP) Program: Model Systems Knowledge Translation Center (MSKTC)

HHS-2021-ACL-NIDILRR-DPKT-0062

Application Submission Deadline: May 11, 2021

The purpose of National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR)'s DRPPs, which are funded through the Disability and Rehabilitation Research Projects and Centers Program, is to improve the effectiveness of services authorized under the Rehabilitation Act by developing methods, procedures, and rehabilitation technologies that advance a wide range of independent living and employment outcomes for individuals with disabilities, especially individuals with the most significant disabilities. Under this particular opportunity, a DRRP must conduct knowledge translation and related activities in collaboration with the Burn Model System, Spinal Cord Injury (SCI) Model System, and Traumatic Brain Injury (TBI) Model System grantees. Specifically, the MSKTC will be required to collaborate with the model system centers to produce systematic reviews of existing research and information products for SCI, TBI, and Burn; identify effective strategies for disseminating those products and SCI, TBI, and Burn Model System programs' research findings; serve as the central resource for product dissemination; and provide training and technical assistance in knowledge translation for the Model System grantees. Applications are due by May 11, 2021. [Read more information](#).

NEW NIH: Limited Competition to Convert the CNS HIV Antiretroviral Therapy Effects Research (CHARTER) Study Cohort to a Research Resource (R24 - Clinical Trial Not Allowed)

RFA-MH-21-170

Application Submission Deadline: May 10, 2021

This Limited Competition Funding Opportunity Announcement (FOA) for a Resource-Related Research Project (R24) grant invites applications to continue the activities of CHARTER cohort (a cohort of individuals living with HIV on Antiretroviral therapy) to collect and provide research data as well as research specimens to interested investigators to address high priority research areas for studies of Central Nervous System (CNS) disease associated with HIV. Although excellent virologic control in the periphery and brain has been achieved, CNS complications including neurologic, neuropsychiatric and mental health problems are observed. This FOA only supports non-hypothesis driven activity to provide data, materials, tools, or services that are essential to making timely, high quality, and cost-efficient progress in the NeuroHIV field. Hypothesis-driven research applications should not be submitted in response to this FOA. The resource proposed should be available to any qualified investigator, should be highly quality controlled, and should not duplicate resources available commercially or through other sources. Resources should be designed to provide services to the broad NeuroHIV research community and should not be limited by any specific institutions. Applications are due by 5:00 PM local time of applicant organization on May 10, 2021. [Read more information.](#)

NIH: Expert-Driven Small Projects to Strengthen Gabriella Miller Kids First Discovery (R03 Clinical Trial Not Allowed)

RFA-RM-21-011

Application Submission Deadline: June 18, 2021

The NIH Common Fund has established the Gabriella Miller Kids First Pediatric Research Program (Kids First) with the vision of alleviating suffering from childhood cancer and structural birth defects by fostering collaborative research to uncover the etiology of these diseases and supporting data sharing within the pediatric research community. Kids First has established and continues to develop a Data Resource including a large collection of curated genomic and phenotypic data from childhood cancer and structural birth defects cohorts and a central portal where these data and analysis tools are accessible to the research community. This FOA is intended to engage experts in a variety of activities that will enhance the utility of childhood cancer and/or structural birth defects genomic datasets generated by the Kids First program and/or associated phenotypic datasets and resources. These activities should strengthen future analyses of Kids First datasets by the broader researcher community with the ultimate goal of improving diagnostic capabilities and therapies for children and their families affected by these conditions. [Read more information.](#)

NIH: Ethical Issues in Translational Science Research (R01 Clinical Trial Optional)

RFA-TR-20-001

Application Submission Deadline: October 6, 2021

The purpose of this Funding Opportunity Announcement is to support research to address ethical issues in translational science research. Collaboration between bioethicists, legal scholars, social scientists, and translational research scientists is encouraged. The focus is to develop knowledge to inform the ethical development, modification, or application of novel findings, technologies, and approaches to improve human health, including their impact on individuals, families, communities, and society. Applications are due by October 6, 2021. [Read more information.](#)

New NIH: Secondary Analyses of Existing Datasets of Tobacco Use and Health (R21 Clinical Trial Not Allowed)

RFA-OD-21-003

Application Submission Deadline: October 8, 2021

The purpose of this Funding Opportunity Announcement (FOA) is to invite R21 applications proposing the innovative analysis of existing (publicly available) nationally representative U.S. cross-sectional and longitudinal data, including the National Youth Tobacco Survey (NYTS), 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). Other publicly available data sets would be considered depending on the analyses to be conducted; however, nationally representative analyses will receive priority. Applications not using nationally representative data sets will need to provide justification why the data set is unique, and why the research questions cannot be answered from a (publicly available) nationally representative data set. This FOA encourages the analyses of public use datasets that may inform tobacco regulatory actions in the United States (U.S.). The awards under this FOA will be administered by NIH using funds that have been made available through FDA-CTP and the Family Smoking Prevention and Tobacco Control Act (P.L. 111-31). 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. Research Projects must address the research priorities related to the regulatory authority of the Food and Drug Administration (FDA) - Center for Tobacco Products (CTP). Applications are due by 5:00 PM local time of applicant organization on October 8, 2021. [Read more information.](#)

NSF: Human Networks and Data Science (HNDS)

NSF 21-514

Application Submission Deadline: First Thursday in February, Annually

The Human Networks and Data Science program (HNDS) supports research that enhances understanding of human behavior and how humans interact with and are influenced by their environments by leveraging data science and network science research across a broad range of topics. HNDS research will identify ways in which dynamic, distributed, and heterogeneous data can provide novel answers to fundamental questions about individual and group behavior. HNDS is especially interested in proposals that provide data-rich insights about human networks to support improved health, prosperity, and security. The HNDS program offers two tracks: one for infrastructure projects and one for core research activities. Infrastructure projects (HNDS-I) will develop user-friendly large-scale next-generation data resources and relevant analytic techniques to advance fundamental research in SBE areas of study. Core research projects (HNDS-R) will address theoretically motivated questions about the nature, causes, and/or consequences of human behavior (broadly defined) that occurs within the multidimensional contexts defined by the networks that determine the human experience, from the biological networks in the human body to the sociocultural, economic and geospatial networks that comprise human societies. All applications are due by 5:00 PM local time of applicant organization on the first Thursday in February, annually. [Read more information.](#)

DEVELOPMENTAL DISABILITIES**New NIDILRR: Rehabilitation Research and Training Center (RRTC) on Interventions to Promote Community Living Among People with Disabilities
HHS-2021-ACL-NIDILRR-RTCP-0028****Application Submission Deadline: April 26, 2021**

The purpose of the RRTCs, which are funded through the Disability and Rehabilitation Research Projects and Centers Program, is to achieve the goals of, and improve the effectiveness of, services authorized under the Rehabilitation Act through well-designed research, training, technical assistance, and dissemination activities in important topical areas as specified the National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR). This particular opportunity is for an RRTC to conduct research and related activities toward interventions to promote community living outcomes among people with disabilities. Applications are due by 5:00 PM local time of applicant organization on April 26, 2021. [Read more information.](#)

**New NIDILRR: Disability and Rehabilitation Research Projects (DRRP) Program: National Research Center for Parents with Disabilities
HHS-2021-ACL-NIDILRR-DPCP-0060****Application Submission Deadline: May 7, 2021**

The purpose of National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR)'s Disability and Rehabilitation Research Projects (DRRP) which are funded through the Disability and Rehabilitation Research Projects and Centers Program, is to plan and conduct research, demonstration projects, training, and related activities, including international activities, to develop methods, procedures, and rehabilitation technology that maximize the full inclusion and integration into society, employment, independent living, family support, and economic and social self-sufficiency of individuals with disabilities, especially individuals with the most severe disabilities, and to improve the effectiveness of services authorized under the Rehabilitation Act of 1973, as amended (Rehabilitation Act). Under this particular DRRP priority, the Center must conduct research and related activities toward services, technologies, and other interventions to support parents with disabilities in their parenting roles. NIDILRR seeks to build upon existing knowledge and to close research gaps by funding this National Research Center for Parents with Disabilities and their Families. Through this Center NIDILRR will fund innovative and well-designed research projects to generate knowledge and evidence-based policies, practices, supports, services, technologies, and products that support people with disabilities in their parenting roles and enhance the functioning of their families. Applications are due by May 7, 2021. [Read more information.](#)

**New NIDILRR: Disability and Rehabilitation Research Projects (DRRP) Program: Reducing Social Isolation and Loneliness among People With Disabilities
HHS-2021-ACL-NIDILRR-DPCP-0061****Application Submission Deadline: May 7, 2021**

The purpose of the National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR)'s Disability and Rehabilitation Research Projects (DRRP) which are funded through the Disability and Rehabilitation Research Projects and Centers Program, is to plan and conduct research, demonstration projects, training, and related activities, including international activities, to develop methods, procedures, and rehabilitation technology that maximize the full inclusion and integration into society, employment, independent living, family support, and economic and social self-sufficiency of individuals with disabilities, especially individuals with the most severe disabilities, and to improve the effectiveness of services authorized under the Rehabilitation Act of 1973, as amended (Rehabilitation Act). Under

this particular DRRP priority, the grantee must conduct research to identify categories of people with disabilities who are most at risk of social isolation. The grantee must also conduct research that will inform the development of in-person, community-based solutions and approaches to reduce social isolation and loneliness among people with disabilities. Applications are due by May 7, 2021. [Read more information.](#)

**NEW NIDLRR: Disability and Rehabilitation Research Projects (DRRP) Program: Disability and Pregnancy
HHS-2021-ACL-NIDILRR-DPHF-0059**

Application Submission Deadline: May 11, 2021

The purpose of the National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR)'s Disability and Rehabilitation Research Projects (DRRP) which are funded through the Disability and Rehabilitation Research Projects and Centers Program, is to plan and conduct research, demonstration projects, training, and related activities, including international activities, to develop methods, procedures, and rehabilitation technology that maximize the full inclusion and integration into society, employment, independent living, family support, and economic and social self-sufficiency of individuals with disabilities, especially individuals with the most severe disabilities, and to improve the effectiveness of services authorized under the Rehabilitation Act of 1973, as amended (Rehabilitation Act). Under this particular DRRP priority, the grantee must conduct research toward maternal health services or interventions to improve pregnancy outcomes among women with long-term, significant disabilities. Applications are due by May 11, 2021. [Read more information.](#)

NIH: Identification and Management of Behavioral Symptoms and Mental Health Conditions in Individuals with Intellectual Disabilities (R01 - Clinical Trial Optional)

PAR-18-766

Application Submission Deadline: June 5, 2021

This Funding Opportunity Announcement (FOA) encourages research grant applications focusing on identification and management of behavioral symptoms and mental health conditions in individuals with intellectual disabilities (ID). Specific areas of interest for this funding opportunity are (1) applications to develop and validate assessment tools that reliably identify behavioral symptoms or diagnose mental health conditions in individuals with ID, and (2) applications studying the pharmacokinetics, safety and efficacy of specific psychotropic medications for treatment of behavioral symptoms or mental health conditions in individuals with ID. Letters of intent are due 30 days prior to the application deadline. Applications are due by 5:00pm local time of applicant organization on June 5, 2021. [Read more information.](#)

NIH: Clinical Trials Development for Co-Occurring Conditions in Individuals with Down syndrome: Phased Awards for INCLUDE (R61/R33 Clinical Trial Required)

RFA-OD-20-003

Application Submission Deadline: November 3, 2021

This Funding Opportunity Announcement (FOA) encourages Exploratory/Developmental Phased Innovation (R61/R33) grant applications to support development of clinical trials to treat critical and co-occurring health conditions in individuals with Down syndrome. The proposed research aims should be milestone-driven. The total project period for an application submitted in response to this FOA may not exceed five years. This FOA provides support for up to two years (R61 phase) for preliminary/developmental/planning studies, followed by possible transition to clinical trial support (R33) of up to three years, although the total duration of the award may not exceed five years. This FOA requires measurable R61 milestones. Letters of intent are due 30 days prior to the application due date. Applications are due by 5pm local time of applicant organization on November 3, 2021. [Read more information.](#)

NIH: INvestigation of Co-occurring conditions across the Lifespan to Understand Down syndrome (INCLUDE) Clinical Trial Readiness (R21 Clinical Trial Not Allowed)

RFA-OD-20-004

Application Submission Deadline: November 3, 2021

This Funding Opportunity Announcement (FOA) invites researchers to submit applications for support of clinical projects that address critical needs for clinical trial readiness in Down syndrome. This initiative seeks applications that are intended to facilitate Down syndrome research by enabling efficient and effective movement of candidate therapeutics or diagnostics towards clinical trials for Down syndrome and its co-occurring conditions, and to increase their likelihood of success through development and testing of biomarkers and clinical outcome assessment measures, development and testing of novel trial methods and recruitment strategies, or by defining the presentation and course of the co-occurring conditions in individuals with Down syndrome to enable the design of future clinical trials. Letters of intent are due 30 days prior to the application due date. Applications are due by 5pm local time of applicant organization on November 3, 2021. [Read more information.](#)

**NIH: Transformative Research Award for the INCLUDE (Investigation of Co-occurring Conditions across the Lifespan to Understand Down syndrome) Project (R01 Clinical Trial Not Allowed)
RFA-OD-20-005**

Application Submission Deadline: November 3, 2021

The NIH INvestigation of Co-occurring conditions across the Lifespan to Understand Down syndrome (INCLUDE) Project is soliciting Transformative Research Award applications to support individual scientists or groups of scientists proposing groundbreaking, exceptionally innovative, original, and/or unconventional research with the potential to create new scientific paradigms, establish entirely new and improved clinical approaches, or develop transformative technologies. Applications from individuals with diverse backgrounds and in any topic relevant to Down syndrome-related research or co-occurring conditions are welcome. No preliminary data are required. Projects must clearly demonstrate, based on the strength of the logic, a compelling potential to produce a major impact in research related to Down syndrome. Letters of intent are due 30 days prior to the application due date. Applications are due by 5pm local time of applicant organization on November 3, 2021. [Read more information](#).

NIH: Human-Animal Interaction (HAI) Research (R01 Clinical Trial Optional) (R03 Clinical Trial Optional) (R21 Clinical Trial Optional)

PAR-20-031; PAR-20-032; PAR-20-033

Application Submission Deadline: November 30, 2021

This Funding Opportunity Announcement (FOA) invites grant applications for research to examine 1) the impact of Human-Animal Interactions (HAI) on typical and atypical child development and health; 2) the evaluation of animal-assisted intervention for children and adults with disabilities or in need of rehabilitative services; 3) the effects of animals on public health, including cost effectiveness of involving animals in reducing and preventing disease. Applications are due by November 30, 2021. More information: [R01](#); [R03](#); [R21](#).

EDUCATION

**NSF: Alliances for Graduate Education and the Professoriate
16-552**

Application Submission Deadline: Second Friday in December, Annually

The Alliances for Graduate Education and the Professoriate (AGEP) program seeks to advance knowledge about models to improve pathways to the professoriate and success for historically underrepresented minority doctoral students, postdoctoral fellows and faculty, particularly African Americans, Hispanic Americans, American Indians, Alaska Natives, Native Hawaiians, and Native Pacific Islanders, in specific STEM disciplines and/or STEM education research fields. New and innovative models are encouraged, as are models that reproduce and/or replicate existing evidence-based alliances in significantly different disciplines, institutions, and participant cohorts. The AGEP program goal is to increase the number of historically underrepresented minority faculty, in specific STEM disciplines and STEM education research fields, by advancing knowledge about pathways to career success. The program objectives include: To support the development, implementation and study of innovative models of doctoral education, postdoctoral training, and faculty advancement for historically underrepresented minorities in specific STEM disciplines and/or STEM education research fields; and to advance knowledge about the underlying issues, policies and practices that have an impact on the participation, transitions and advancement of historically underrepresented minorities in the STEM academy. Applications are due by the second Friday in December, annually. [Read more information](#).

**NSF: EHR Core Research (ECR): Building Capacity in STEM Education Research (ECR: BCSER)
NSF 20-521**

Application Submission Deadline: Fourth Friday in February, Annually

ECR's Building Capacity for STEM Education Research (ECR: BCSER) solicitation supports projects that build individuals' capacity to carry out high quality STEM education research that will enhance the nation's STEM education enterprise and broaden the pool of researchers that can conduct fundamental research in STEM learning and learning environments, broadening participation in STEM fields, and STEM workforce development. Specifically, ECR: BCSER supports activities that enable early and mid-career researchers to acquire the requisite expertise and skills to conduct rigorous fundamental research in STEM education. ECR: BCSER seeks to fund research career development activities on topics that are relevant to qualitative and quantitative research methods and design, including the collection and analysis of new qualitative or quantitative data, secondary analyses using extant datasets, or meta-analyses. Applications are due by 5pm local time of submitter on the fourth Friday in February, annually. [Read more information](#).

HEALTH

AHRQ: Health Services Research Projects (R01)

PA-18-795**Application Submission Deadline: June 5, 2021**

The Research Project Grant (R01) is an award made by the Agency for Healthcare Research and Quality (AHRQ) to an institution/organization to support a discrete, specified health services research project. The project will be performed by the named investigator and study team. The R01 research plan proposed by the applicant institution/organization must be related to the mission and priority research interests of AHRQ. The AHRQ mission is to produce evidence to make health care safer, higher quality, more accessible, equitable and affordable, and to work with HHS and other partners to make sure that the evidence is understood and used. Within the mission, AHRQ's specific priority areas of focus are: 1) Research to improve health care patient safety; 2) Design, implementation, dissemination and spread, and evaluation of interventions to improve patient safety; 3) Establishment of strategies to sustain patient safety improvements such as culture, incident/event reporting, measurement, monitoring, and surveillance. Applications are due by 5pm local time of the applicant organization on June 5, 2021. [Read more information.](#)

NCI: Stimulating Innovations in Behavioral Intervention Research for Cancer Prevention and Control (R21 Clinical Trial Optional)**PAR-19-309****Application Submission Deadline: June 16, 2021**

The purpose of this Funding Opportunity Announcement (FOA) is to provide support for the development of innovative interventions that improve cancer-related health behaviors across diverse racial/ethnic populations. Specifically, this FOA is intended to stimulate research aimed at 1) testing new theories and conceptual frameworks; 2) developing and evaluating novel strategies to improve cancer-related health behaviors; 3) investigating multi-level and multi-behavioral approaches; and 4) utilizing innovative research designs, methodologies, and technologies. The cancer-related health behaviors to be targeted are diet, obesity, physical activity and sedentary behavior, smoking, sleep and circadian dysfunction, alcohol use, and/or adherence to cancer-related medical regimens. Research can involve several stages of the cancer continuum and any phase of the translational spectrum. Letters of intent are due 30 days prior to the application due date. Applications are due by 5pm local time of applicant organization on June 16, 2021. [Read more information.](#)

NCI: Social and Behavioral Intervention Research to Address Modifiable Risk Factors for Cancer in Rural Populations (R01 Clinical Trial Required)**RFA-CA-20-051****Application Submission Deadline: January 18, 2022**

The purpose of this Funding Opportunity Announcement (FOA) is to solicit applications to develop, adapt, and test individual-, community- or multilevel interventions to address modifiable risk factors for cancer in rural populations. Applications should focus on primary prevention and assess and address one or more of the social and behavioral risk factors that contribute to cancer disparities in rural populations: tobacco use; diet, physical activity and weight; alcohol use; UV exposure; and HPV vaccination. Applications should also assess and address myriad social determinants of health, cultural factors, and health care and technology access barriers that may contribute to rural cancer disparities. This FOA also encourages implementation science research, to incorporate efficacious cancer control interventions in a coordinated way, into broader, sustainable health programs that are designed to reach rural populations and allow local customization and adaptation. Applications are due by January 18, 2022. [Read more information.](#)

NICHD: Natural History of Disorders Screenable in the Newborn Period (R01 Clinical Trial Optional)**PAR-21-115****Application Submission Deadline: June 5, 2021**

This funding opportunity announcement (FOA) encourages applications that propose to develop studies that will lead to a broad understanding of the natural history of disorders that already do or could potentially benefit from early identification by newborn screening. A comprehensive understanding of the natural history of a disorder has been identified as a necessary element to facilitate appropriate interventions for infants identified by newborn screening. By defining the sequence and timing of the onset of symptoms and complications of a disorder, a valuable resource will be developed for the field. In addition, for some disorders, specific genotype-phenotype correlations may allow prediction of the clinical course, and for other disorders, identification of modifying genetic, epigenetic, or environmental factors will enhance an understanding of the clinical outcomes for an individual with such a condition. Comprehensive data on natural history will facilitate the field's ability to: 1) accurately diagnose the disorder; 2) understand the genetic and clinical heterogeneity and phenotypic expression of the disorder; 3) identify underlying mechanisms related to basic defects; 4) potentially prevent, manage, and treat symptoms and complications of the disorder; and 5) provide children and their families with needed support and predictive information about the disorder. [Read more information.](#)

NIDA: Small Research Grant Program (R03 Clinical Trial Required)**PA-20-146**

Application Submission Deadline: June 16, 2021

The National Institute of Drug Abuse (NIDA) Small Research Grant Program supports small clinical trials that can be carried out in a short period of time with limited resources. This program supports different types of projects including pilot, feasibility, or small clinical trials with medications, behavioral interventions, immunotherapies, therapeutic devices, therapeutic digital applications, health services, prevention interventions, biomarkers, and development of research methodology. This Funding Opportunity Announcement requires that a clinical trial be proposed. The proposed project must be related to the programmatic interests of NIDA. Applications are due by June 16, 2021. [Read more information.](#)

NIDCR: Improving Oral Health and Reducing Disparities in Adolescents (R01 Clinical Trial Not Allowed) (R21 Clinical Trial Not Allowed)**PAR-20-058; PAR-20-059****Application Submission Deadline: June 5, 2021 (R01); June 16, 2021 (R21)**

The purpose of this Funding Opportunity Announcement (FOA) is to stimulate research to improve the oral health of adolescents in the United States, and to reduce observed oral health disparities and inequities in this population. This FOA defines “adolescents” as those individuals between the ages of 10 and 19. Applications are due by 5pm local time of applicant organization on June 5, 2021 (R01) and June 16, 2021 (R21). Read more information: [R01](#), [R21](#).

NIH: Maternal Nutrition and Pre-pregnancy Obesity: Effects on Mothers, Infants and Children (R01 Clinical Trial Optional)**PA-18-776****Application Submission Deadline: June 5, 2021**

This Funding Opportunity Announcement (FOA) encourages applications to improve health outcomes for women, infants and children, by stimulating interdisciplinary research focused on maternal nutrition and pre-pregnancy obesity. Maternal health significantly impacts not only the mother but also the intrauterine environment, and subsequently fetal development and the health of the newborn. Applications are due by June 5, 2021. [Read more information.](#)

New NIH: Early Intervention to Promote Cardiovascular Health of Mothers and Children (ENRICH) Multisite Clinical Centers (Collaborative UG3/UH3 Clinical Trial Required)**RFA-HL-22-007****Application Submission Deadline: June 11, 2021**

This Funding Opportunity Announcement (FOA) invites applications for clinical or community sites to be part of a multi-center group- or cluster-randomized trial under the Early Intervention to Promote Cardiovascular Health of Mothers and Children (ENRICH) program. ENRICH will aim to test the effectiveness of an implementation-ready intervention designed to promote cardiovascular health (CVH) and address CVH disparities in both mothers and children (0-5 years old) who are of low socio-economic status (SES), live in low-resource rural or urban communities, or who are in diverse geographic regions of the U.S. with high burden of cardiovascular disease (CVD) risk factors. Specifically, this initiative will support multi-site interventions designed to determine if a CVH module delivered within the context of a home visiting program can enhance maternal and early childhood CVH. This FOA uses the bi-phasic, milestone-driven cooperative agreement mechanism (UG3/UH3) and runs in parallel with a companion FOA (RFA-HL-22-008) that encourages applications for a collaborating Resource Coordinating Center (RCC). Awards made under this FOA will support a milestone driven planning phase including feasibility studies and pilot activities for up to 2 years (UG3), with possible transition to an implementation phase (UH3) for up to five additional years. Only UG3 trials that meet the scientific milestones and award requirements of the UG3 may transition to the UH3 phase. Applications submitted to this FOA must address both the UG3 and UH3 phases. Applications must also include plans for project management, subject recruitment and retention, scientific conduct of the trial including study design, intervention, measurement and data analysis, and performance milestones for each phase. Applications are due by 5:00 PM local time of applicant organization on June 11, 2021. [Read more information.](#)

New NIH: Early Intervention to Promote Cardiovascular Health of Mothers and Children (ENRICH) Multisite Resource and Coordinating Center (U24 Clinical Trial Required)**RFA-HL-22-008****Application Submission Deadline: June 11, 2021**

This Funding Opportunity Announcement (FOA) invites applications for a Resource and Coordinating Center (RCC) for the Early Intervention to Promote Cardiovascular Health of Mothers and Children (ENRICH) program, a new NIH multi-center group- or cluster- randomized trial with clinical or community sites to be supported under the companion RFA-HL-22-007. The RCC will coordinate and provide support for the clinical or community sites that propose to test the effectiveness of an implementation-ready intervention designed to promote cardiovascular health (CVH) and address CVH disparities in both mothers and children (0-5 years of age) who are of low socio-economic status (SES), live in low-resource rural or urban communities, or are in diverse geographic regions of the U.S. with a high burden of cardiovascular

disease (CVD) risk factors. Applications are due by 5:00 PM local time of applicant organization on June 11, 2021. [Read more information.](#)

NIH: Tobacco Control Policies to Promote Health Equity (R21 Clinical Trial Optional)

PAR-20-302; PAR-20-303

Application Submission Deadline: June 16, 2021

The purpose of this Funding Opportunity Announcement (FOA) is to support observational or intervention research focused on reducing disparities in tobacco use and secondhand smoke (SHS) exposure in the U.S. Specifically, this FOA aims to stimulate scientific inquiry focused on innovative state and local level tobacco prevention and control policies. The long-term goal of this FOA is to reduce disparities in tobacco-related cancers, and in doing so, to promote health equity among all populations. Applicants submitting applications related to health economics are encouraged to consult NOT-OD-16-025 to ensure that the research projects align with NIH mission priorities in health economics research. Applications are due by June 16, 2021. Read more information: [PAR-20-303](#); [PAR-20-302](#).

NIH: Expert-Driven Small Projects to Strengthen Gabriella Miller Kids First Discovery (R03 Clinical Trial Not Allowed)

RFA-RM-21-011

Application Submission Deadline: June 18, 2021

The NIH Common Fund has established the Gabriella Miller Kids First Pediatric Research Program (Kids First) with the vision of alleviating suffering from childhood cancer and structural birth defects by fostering collaborative research to uncover the etiology of these diseases and supporting data sharing within the pediatric research community. Kids First has established and continues to develop a Data Resource including a large collection of curated genomic and phenotypic data from childhood cancer and structural birth defects cohorts and a central portal where these data and analysis tools are accessible to the research community. This FOA is intended to engage experts in a variety of activities that will enhance the utility of childhood cancer and/or structural birth defects genomic datasets generated by the Kids First program and/or associated phenotypic datasets and resources. These activities should strengthen future analyses of Kids First datasets by the broader researcher community with the ultimate goal of improving diagnostic capabilities and therapies for children and their families affected by these conditions. [Read more information.](#)

NIH: Multi-Site Studies for System-Level Implementation of Substance Use Prevention and Treatment Services (R01 Clinical Trial Optional; R01 Clinical Trial Optional)

PAR-21-022; PAR-21-023

Application Submission Deadline: July 19, 2021

As part of the Collaborative Research on Addiction at NIH (CRAN) initiative, the National Institute on Drug Abuse (NIDA), the National Institute on Alcohol Abuse and Alcoholism (NIAAA), and the National Cancer Institute (NCI) join to issue this FOA. The purpose of this FOA is to support the development and testing of implementation strategies to achieve system-level adoption of evidence-based interventions, guidelines, or practices to improve the delivery, quality, and sustainability of prevention or treatment services for substance use disorders. This FOA seeks research projects that will test implementation strategies intended to achieve system-wide integration of evidence-based practices (interventions, guidelines, or service delivery models) to prevent or treat substance use disorders (broadly defined to include alcohol, tobacco and other drugs, as well as prescription medications). Areas of interest also include implementation of guidelines related to the appropriate use of opioids for pain management in individuals with or at risk for opioid use disorder. All applications are due by 5:00 PM local time of applicant organization on July 19, 2021. Read more information: [PAR-21-022](#); [PAR-21-023](#)

NIH: Research to Reduce Morbidity and Improve Care for Pediatric, and Adolescent and Young Adult (AYA) Cancer Survivors (R21 Clinical Trial Optional)

RFA-CA-20-028

Application Submission Deadline: July 30, 2021

Through this Funding Opportunity Announcement (FOA), the National Cancer Institute (NCI) invites applications describing research focused on improving care and health-related quality of life for childhood, and adolescent and young adult (AYA) cancer survivors. Specifically, this FOA solicits mechanistic, observational, and intervention applications that focus on six key domains: (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. Applications are due by July 30, 2021. [Read more information.](#)

**NEW NIH: Secondary Analyses of Existing Datasets of Tobacco Use and Health (R21 Clinical Trial Not Allowed)
RFA-OD-21-003**

Application Submission Deadline: October 8, 2021

The purpose of this Funding Opportunity Announcement (FOA) is to invite R21 applications proposing the innovative analysis of existing (publicly available) nationally representative U.S. cross-sectional and longitudinal data, including the National Youth Tobacco Survey (NYTS), 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). Other publicly available data sets would be considered depending on the analyses to be conducted; however, nationally representative analyses will receive priority. Applications not using nationally representative data sets will need to provide justification why the data set is unique, and why the research questions cannot be answered from a (publicly available) nationally representative data set. This FOA encourages the analyses of public use datasets that may inform tobacco regulatory actions in the United States (U.S.). The awards under this FOA will be administered by NIH using funds that have been made available through FDA-CTP and the Family Smoking Prevention and Tobacco Control Act (P.L. 111-31). 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. Research Projects must address the research priorities related to the regulatory authority of the Food and Drug Administration (FDA) - Center for Tobacco Products (CTP). Applications are due by 5:00 PM local time of applicant organization on October 8, 2021. [Read more information.](#)

NIH: Human-Animal Interaction (HAI) Research (R01 Clinical Trial Optional) (R03 Clinical Trial Optional) (R21 Clinical Trial Optional)

PAR-20-031; PAR-20-032; PAR-20-033

Application Submission Deadline: November 30, 2021

This Funding Opportunity Announcement (FOA) invites grant applications for research to examine 1) the impact of Human-Animal Interactions (HAI) on typical and atypical child development and health; 2) the evaluation of animal-assisted intervention for children and adults with disabilities or in need of rehabilitative services; 3) the effects of animals on public health, including cost effectiveness of involving animals in reducing and preventing disease. Applications are due by November 30, 2021. Read more information: [R01](#); [R03](#); [R21](#).

NIH: International Research Scientist Development Award (IRSDA) (K01 Independent Clinical Trial Not Allowed; K01 Independent Clinical Trial Required)

PAR-21-104; PAR-21-105

Application Submission Deadline: March 9, 2022

The purpose of the International Research Scientist Development Award (IRSDA) is to provide support and protected time (three to five years) to advanced postdoctoral U.S. research scientists and recently-appointed U.S. junior faculty (applicants must be at least two years beyond conferral of doctoral degree) for an intensive, mentored research career development experience in a low- or middle-income country (LMIC), as defined by the World Bank, including "low-income," "lower-middle-income," and "upper-middle-income" countries) leading to an independently-funded research career focused on global health. This Funding Opportunity Announcement (FOA) invites applications from postdoctoral research scientists and junior faculty from any health-related discipline who propose career development activities and a research project that is relevant to the health priorities of the LMIC under the mentorship of LMIC and U.S. mentors. Applications are due by 5:00 PM local time of applicant organization on March 9, 2022. Read more information: [PAR-21-104](#); [PAR-21-105](#)

NIMH: Practice-Based Research for Implementing Scalable Evidence-Based Prevention Interventions in Primary Care Settings (R01 Clinical Trial Optional) (R34 Clinical Trial Required)

RFA-MH-20-505; RFA-MH-20-506

Application Submission Deadline: July 1, 2021

The purpose of this Funding Opportunity Announcement (FOA) is to encourage practice-based research aimed at refining and pilot testing developmentally-focused, theory-based efficacious prevention interventions that may impact mental health outcomes, including suicide behaviors and serious mental illness. The research should test prevention approaches that are both scalable and sustainable for implementation in pediatric-serving primary care settings, with an emphasis on populations experiencing mental health disparities. Applications are due by 5pm local time of applicant organization on July 1, 2021. Read more information: [R01](#), [R34](#).

NIMHD: Exploratory/Developmental Research Grant Program (R21 - Clinical Trial Optional)

PAR-20-150

Application Submission Deadline: June 16, 2021

NIMHD invites applications to support short-term exploratory or developmental research projects that have the potential to break new ground in the fields of minority health and/or health disparities or extend previous discoveries toward new directions or applications that can directly contribute to improving minority health and/or reducing health disparities in the U.S. Applications are due by June 16, 2021. [Read more information](#).

HIV/AIDS

NIDA: AIDS-Science Track Award for Research Transition (R03 Clinical Trial Optional) PA-18-916

Application Submission Deadline: May 7, 2021

This funding opportunity announcement (FOA) seeks to facilitate the entry of both newly independent and early career investigators to the area of drug use and use disorder research and HIV/AIDS. This FOA, AIDS-Science Track Award for Research Transition (A-START), encourages Small Research Grant (R03) applications to support research projects on drug misuse and/or use disorder and HIV/AIDS that can be carried out in a short period of time with limited resources. This FOA welcomes applications integrating drug misuse and/or use disorder and HIV/AIDS across all areas of research supported by NIDA. Applications are due by 5pm local time of applicant organization on May 7, 2021. [Read more information](#).

NIDA: HIV/AIDS High Priority Drug Abuse Research (R01 Clinical Trial Optional) PAS-18-915

Application Submission Deadline: May 7, 2021

The goal of this Funding Opportunity Announcement (FOA) is to stimulate high priority research relevant to drug misuse and HIV/AIDS. Central to the NIH high priority areas of research are principles such as engaging people at risk into screening and preventive services as well as linking and re-linking people living with HIV (PLWH) into care with the goal of achieving durable viral suppression and addressing HIV comorbidities. Basic and clinical research that moves the field toward a cure and development of vaccines are high priority areas of research. Complete applications are due by 5pm local time of applicant organization on May 7, 2021. [Read more information](#).

NIDA: Exploratory studies to investigate mechanisms of HIV infection, replication, latency, and/or pathogenesis in the context of substance use disorders (R61/R33 - Clinical Trial Not Allowed) RFA-DA-22-004

Application Submission Deadline: July 14, 2021

The purpose of this FOA is to support exploratory studies developing or using novel tools or technologies or testing novel hypotheses to investigate mechanistic questions in HIV infection, replication, latency, and/or pathogenesis (including neuroHIV) in the context of Substance Use Disorders (SUDs). This initiative focuses on exploration and characterization of signaling pathways that are involved in central nervous system (CNS) HIV establishment and expansion. The FOA aims to promote research to investigate the underlying molecular mechanisms by which HIV infection is initiated, established, and maintained in the CNS and to determine how addictive substances modulate HIV infection, latency and the size and persistence of CNS HIV reservoirs. [Read more information](#).

NEW NIDA: Advancing Technologies to Improve Delivery of Pharmacological, Gene Editing, and Other Cargoes for HIV and SUD Mechanistic or Therapeutic Research (R01- Clinical Trial Optional) RFA-DA-22-010

Application Submission Deadline: October 25, 2021

The purpose of this funding opportunity is to develop technologies to improve the delivery of pharmacological, gene editing, or other cargoes for HIV and substance use disorder (SUD) mechanistic research. Current anti-retroviral therapies also have problems with drug toxicity, bioavailability, and have not been formulated for sustained release. Long term sustained delivery is needed among people with substance use disorders where compliance with an anti-retroviral therapy regimen may be problematic. To address these issues the development of improved reagents or technologies to enable targeted delivery of reagents (e.g. small molecules, biologics, gene editing reagents, etc.) to particular CNS regions or cell types is of great interest. Applications are due by 5:00 PM local time of applicant organization on October 25, 2021. [Read more information](#).

NEW NIH: Limited Competition to Convert the CNS HIV Antiretroviral Therapy Effects Research (CHARTER) Study Cohort to a Research Resource (R24 - Clinical Trial Not Allowed) RFA-MH-21-170

Application Submission Deadline: May 10, 2021

This Limited Competition Funding Opportunity Announcement (FOA) for a Resource-Related Research Project (R24) grant invites applications to continue the activities of CHARTER cohort (a cohort of individuals living with HIV on

Antiretroviral therapy) to collect and provide research data as well as research specimens to interested investigators to address high priority research areas for studies of Central Nervous System (CNS) disease associated with HIV. Although excellent virologic control in the periphery and brain has been achieved, CNS complications including neurologic, neuropsychiatric and mental health problems are observed. This FOA only supports non-hypothesis driven activity to provide data, materials, tools, or services that are essential to making timely, high quality, and cost-efficient progress in the NeuroHIV field. Hypothesis-driven research applications should not be submitted in response to this FOA. The resource proposed should be available to any qualified investigator, should be highly quality controlled, and should not duplicate resources available commercially or through other sources. Resources should be designed to provide services to the broad NeuroHIV research community and should not be limited by any specific institutions. Applications are due by 5:00 PM local time of applicant organization on May 10, 2021. [Read more information.](#)

**NIH: Accelerating the Pace of Drug Abuse Research Using Existing Data (R01 Clinical Trial Optional)
PAR-19-368**

Application Submission Deadline: June 5, 2021

The purpose of this Funding Opportunity Announcement (FOA) is to invite applications proposing innovative analysis of existing social science, behavioral, administrative, and neuroimaging data to study the etiology and epidemiology of substance using behaviors (defined as alcohol, tobacco, prescription and other substances) and related disorders, prevention of substance use and HIV, and health service utilization. This FOA encourages the analyses of public use and other extant community-based or clinical datasets to their full potential in order to increase our knowledge of etiology, trajectories of substance using behaviors and their consequences including morbidity and mortality, risk and resilience in the development of psychopathology, strategies to guide the development, testing, implementation, and delivery of high quality, effective and efficient services for the prevention and treatment of substance use disorder and HIV. Applications are due by June 5, 2021. [Read more information.](#)

**NIH: Developmental AIDS Research Centers on Mental Health and HIV/AIDS (P30 Clinical Trial Optional)
PAR-20-307; PAR-20-308**

Application Submission Deadline: August 25, 2021

The National Institute of Mental Health (NIMH) Division of AIDS Research (DAR) encourages applications for Center Core grants (P30) to support Developmental HIV/AIDS Research Centers (D-ARC). The D-ARC is intended to provide infrastructure support that facilitates the development of high impact science in HIV/AIDS and mental health that is relevant to the NIMH mission. This Funding Opportunity Announcement (FOA) intends to support innovative, interdisciplinary research in several areas, including basic, NeuroHIV, behavioral and social, integrated biobehavioral, applied, clinical, translational, and implementation science. All applications are due by 5:00 PM local time of applicant organization on August 25, 2021. Read more information: [PAR-20-307](#), [PAR-20-308](#)

**NIMH: Innovations in HIV Prevention, Testing, Adherence and Retention to Optimize HIV Prevention and Care Continuum Outcomes (R01 Clinical Trial Optional) (R21 Clinical Trial Optional)
PA-20-144; PA-20-145**

Application Submission Deadline: May 7, 2021

This Funding Opportunity Announcement (FOA) seeks innovative research to optimize HIV prevention and care which is aligned with NIMH Division of AIDS Research (DAR) priorities. Applications may include formative basic behavioral and social science to better understand a step or steps in the HIV prevention or care continuum, and/or the initial development and pilot testing of innovative intervention approaches. Applicants are encouraged to read current Notices of Special Interests (NOSIs) from NIMH DAR for further information about the Division's research priorities. Applications are due by 5pm local time of applicant organization on May 7, 2021. [PA-20-144](#); [PA-20-145](#).

MATERNAL AND CHILD HEALTH

**NIAAA: Prevention and Intervention Approaches for Fetal Alcohol Spectrum Disorders (R34 Clinical Trial Optional; R61/R33 Clinical Trial Optional)
PAR-21-097; PAR-21-098**

Application Submission Deadline: June 17, 2021

This Funding Opportunity Announcement (FOA) focuses on prevention and intervention strategies for fetal alcohol spectrum disorders (FASD) throughout the lifespan. The intent of this FOA is to support research that advances (1) prevention approaches to reduce prenatal alcohol exposure and the incidence of FASD and (2) interventions for FASD. Research conducted via the R34 mechanism will consist of studies that are a pre-requisite for preparing and submitting subsequent applications for larger scale FASD prevention or intervention studies. The R61 phase will support pilot studies or secondary data analysis for hypothesis development and feasibility, and research testing the hypotheses can be

expanded in the R33 phase. Applications are due by 5:00 PM local time of applicant organization on June 17, 2021. Read more information: [PAR-21-097](#); [PAR-21-098](#).

**NICHD: Natural History of Disorders Screenable in the Newborn Period (R01 Clinical Trial Optional)
PAR-21-115**

Application Submission Deadline: June 5, 2021

This funding opportunity announcement (FOA) encourages applications that propose to develop studies that will lead to a broad understanding of the natural history of disorders that already do or could potentially benefit from early identification by newborn screening. A comprehensive understanding of the natural history of a disorder has been identified as a necessary element to facilitate appropriate interventions for infants identified by newborn screening. By defining the sequence and timing of the onset of symptoms and complications of a disorder, a valuable resource will be developed for the field. In addition, for some disorders, specific genotype-phenotype correlations may allow prediction of the clinical course, and for other disorders, identification of modifying genetic, epigenetic, or environmental factors will enhance an understanding of the clinical outcomes for an individual with such a condition. Comprehensive data on natural history will facilitate the field's ability to: 1) accurately diagnose the disorder; 2) understand the genetic and clinical heterogeneity and phenotypic expression of the disorder; 3) identify underlying mechanisms related to basic defects; 4) potentially prevent, manage, and treat symptoms and complications of the disorder; and 5) provide children and their families with needed support and predictive information about the disorder. [Read more information.](#)

**NEW NIDILRR: Disability and Rehabilitation Research Projects (DRRP) Program: Disability and Pregnancy
HHS-2021-ACL-NIDILRR-DPHF-0059**

Application Submission Deadline: May 11, 2021

The purpose of the National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR)'s Disability and Rehabilitation Research Projects (DRRP) which are funded through the Disability and Rehabilitation Research Projects and Centers Program, is to plan and conduct research, demonstration projects, training, and related activities, including international activities, to develop methods, procedures, and rehabilitation technology that maximize the full inclusion and integration into society, employment, independent living, family support, and economic and social self-sufficiency of individuals with disabilities, especially individuals with the most severe disabilities, and to improve the effectiveness of services authorized under the Rehabilitation Act of 1973, as amended (Rehabilitation Act). Under this particular DRRP priority, the grantee must conduct research toward maternal health services or interventions to improve pregnancy outcomes among women with long-term, significant disabilities. Applications are due by May 11, 2021. [Read more information.](#)

NIH: Maternal Nutrition and Pre-pregnancy Obesity: Effects on Mothers, Infants and Children (R01 Clinical Trial Optional)

PA-18-776

Application Submission Deadline: June 5, 2021

This Funding Opportunity Announcement (FOA) encourages applications to improve health outcomes for women, infants and children, by stimulating interdisciplinary research focused on maternal nutrition and pre-pregnancy obesity. Maternal health significantly impacts not only the mother but also the intrauterine environment, and subsequently fetal development and the health of the newborn. Applications are due by 5pm local time of applicant organization on June 5, 2021. [Read more information.](#)

**NEW NIH: Early Intervention to Promote Cardiovascular Health of Mothers and Children (ENRICH) Multisite Clinical Centers (Collaborative UG3/UH3 Clinical Trial Required)
RFA-HL-22-007**

Application Submission Deadline: June 11, 2021

This Funding Opportunity Announcement (FOA) invites applications for clinical or community sites to be part of a multi-center group- or cluster-randomized trial under the Early Intervention to Promote Cardiovascular Health of Mothers and Children (ENRICH) program. ENRICH will aim to test the effectiveness of an implementation-ready intervention designed to promote cardiovascular health (CVH) and address CVH disparities in both mothers and children (0-5 years old) who are of low socio-economic status (SES), live in low-resource rural or urban communities, or who are in diverse geographic regions of the U.S. with high burden of cardiovascular disease (CVD) risk factors. Specifically, this initiative will support multi-site interventions designed to determine if a CVH module delivered within the context of a home visiting program can enhance maternal and early childhood CVH. This FOA uses the bi-phasic, milestone-driven cooperative agreement mechanism (UG3/UH3) and runs in parallel with a companion FOA (RFA-HL-22-008) that encourages applications for a collaborating Resource Coordinating Center (RCC). Awards made under this FOA will support a milestone driven planning phase including feasibility studies and pilot activities for up to 2 years (UG3), with possible transition to an implementation phase (UH3) for up to five additional years. Only UG3 trials that meet the scientific milestones and award requirements of

the UG3 may transition to the UH3 phase. Applications submitted to this FOA must address both the UG3 and UH3 phases. Applications must also include plans for project management, subject recruitment and retention, scientific conduct of the trial including study design, intervention, measurement and data analysis, and performance milestones for each phase. Applications are due by 5:00 PM local time of applicant organization on June 11, 2021. [Read more information.](#)

NEW NIH: Early Intervention to Promote Cardiovascular Health of Mothers and Children (ENRICH) Multisite Resource and Coordinating Center (U24 Clinical Trial Required)

RFA-HL-22-008

Application Submission Deadline: June 11, 2021

This Funding Opportunity Announcement (FOA) invites applications for a Resource and Coordinating Center (RCC) for the Early Intervention to Promote Cardiovascular Health of Mothers and Children (ENRICH) program, a new NIH multi-center group- or cluster- randomized trial with clinical or community sites to be supported under the companion RFA-HL-22-007. The RCC will coordinate and provide support for the clinical or community sites that propose to test the effectiveness of an implementation-ready intervention designed to promote cardiovascular health (CVH) and address CVH disparities in both mothers and children (0-5 years of age) who are of low socio-economic status (SES), live in low-resource rural or urban communities, or are in diverse geographic regions of the U.S. with a high burden of cardiovascular disease (CVD) risk factors. Applications are due by 5:00 PM local time of applicant organization on June 11, 2021. [Read more information.](#)

NIH: Expert-Driven Small Projects to Strengthen Gabriella Miller Kids First Discovery (R03 Clinical Trial Not Allowed)

RFA-RM-21-011

Application Submission Deadline: June 18, 2021

The NIH Common Fund has established the Gabriella Miller Kids First Pediatric Research Program (Kids First) with the vision of alleviating suffering from childhood cancer and structural birth defects by fostering collaborative research to uncover the etiology of these diseases and supporting data sharing within the pediatric research community. Kids First has established and continues to develop a Data Resource including a large collection of curated genomic and phenotypic data from childhood cancer and structural birth defects cohorts and a central portal where these data and analysis tools are accessible to the research community. This FOA is intended to engage experts in a variety of activities that will enhance the utility of childhood cancer and/or structural birth defects genomic datasets generated by the Kids First program and/or associated phenotypic datasets and resources. These activities should strengthen future analyses of Kids First datasets by the broader researcher community with the ultimate goal of improving diagnostic capabilities and therapies for children and their families affected by these conditions. [Read more information.](#)

MENTAL HEALTH AND ILLNESS

NEW FDA: Expanding the Opioids System Modeling Efforts to More Comprehensively Address Fentanyl, Stimulants Use, Polysubstance Use and Associated Outcomes (U01 Clinical Trials Not Allowed)

RFA-FD-21-022

Application Submission Deadline: May 17, 2021

The purpose of this funding opportunity is to expand on the FDA's modeling efforts to more comprehensively address fentanyl, stimulants and polysubstance use and their interactive effects on opioids use, misuse, use disorder, addiction treatment, and associated outcomes. The primary purpose of this project is to capture the dynamics of and interactions between stimulant or polysubstance use and opioid overdose deaths, as an important emerging aspect of the opioids crisis. The research should also seek to quantify how polysubstance use and synthetic opioids may influence the effects of harm reduction approaches and other potential overdose-prevention strategies. A secondary purpose of the research is to identify and implement feasible approaches for incorporating mental health into part of FDA's modeling effort. Applications are due by May 17, 2021. [Read more information.](#)

NIAAA: Integrative Neuroscience Initiative on Alcoholism (INIA) Consortia (U01 Clinical Trial Optional) (U24 Clinical Trial Optional)

RFA-AA-20-013; RFA-AA-20-012

Application Submission Deadline: May 26, 2021

The National Institute on Alcohol Abuse and Alcoholism (NIAAA) seeks to continue the Integrative Neuroscience Initiative on Alcoholism (INIA), a translational, multidisciplinary, collaborative research effort studying brain mechanisms of excessive alcohol drinking associated with alcohol use disorder (AUD). The research focus includes mechanisms behind changes in the brain that result from excessive alcohol use and are associated with the development of AUD, brain changes that result in excessive use that is then correlated with AUD, and also the relationship between excessive drinking, stress, and anxiety. The primary goal of INIA is to identify brain adaptations at multiple levels of analysis that

result in excessive alcohol consumption. Each consortium supported under this initiative will integrate analysis at the molecular, cellular, extracellular, synaptic, physiological and behavioral level. INIA has also helped to define factors that contribute to an individual's risk for the development of AUD and has identified novel targets for therapeutic intervention including medications. The linked set of FOAs will support two consortia each comprised of an administrative core, multiple component projects (this FOA) and relevant scientific resource cores as needed. Applications are due by 5:00 PM local time of applicant organization on May 26, 2021. Read more information: [U01](#), [U24](#)

NEW NIH: Firearm Injury and Mortality Prevention Research (R21/R33 Clinical Trial Optional); (R01 Clinical Trial Optional)

PAR-21-191; PAR-21-192

Application Submission Deadline: April 30, 2021

Nearly 40,000 people in the U.S. die from firearm-related deaths each year, primarily from suicide (60%) or homicide (37%), and many more have experienced non-fatal firearm injuries, both intentional and nonintentional. When firearms are involved with violent events (including suicide, intimate partner violence, child or elder maltreatment, youth and gang related violence, sexual assault, and hate crimes), the risk for injury and mortality increases. The Joint Explanatory Statement accompanying the Consolidated Appropriations Act, 2021 (Public Law 116-260) included funding for the NIH to conduct research on firearm injury and mortality prevention and recommended that NIH take a comprehensive approach to studying the underlying causes and evidence-based methods of prevention of firearm injury, including crime prevention. Within the legislative mandates and limitations of NIH funding (NOT-OD-21-058, NOT-OD-21-056), the NIH encourages research to improve understanding of the determinants of firearm injury, the identification of those at risk of firearm injury (including both victims and perpetrators), the development and piloting of innovative interventions to prevent firearm injury and mortality, and the examination of approaches to improve the implementation of existing, evidence-based interventions to prevent firearm injury and mortality. The research scope includes improving understanding of developmental, situational, structural and contextual factors associated with firearm injury and mortality that extends individual risk assessment to include factors related to the specific incident (e.g. concurrent use of alcohol or substances) as well as other potential contextual influences (e.g., current social and public health crises). Applications are due by 5:00 PM local time of applicant organization on April 30, 2021. Read more information: [PAR-21-191](#), [PAR-21-192](#).

NEW NIH: Limited Competition to Convert the CNS HIV Antiretroviral Therapy Effects Research (CHARTER) Study Cohort to a Research Resource (R24 - Clinical Trial Not Allowed)

RFA-MH-21-170

Application Submission Deadline: May 10, 2021

This Limited Competition Funding Opportunity Announcement (FOA) for a Resource-Related Research Project (R24) grant invites applications to continue the activities of CHARTER cohort (a cohort of individuals living with HIV on Antiretroviral therapy) to collect and provide research data as well as research specimens to interested investigators to address high priority research areas for studies of Central Nervous System (CNS) disease associated with HIV. Although excellent virologic control in the periphery and brain has been achieved, CNS complications including neurologic, neuropsychiatric and mental health problems are observed. This FOA only supports non-hypothesis driven activity to provide data, materials, tools, or services that are essential to making timely, high quality, and cost-efficient progress in the NeuroHIV field. Hypothesis-driven research applications should not be submitted in response to this FOA. The resource proposed should be available to any qualified investigator, should be highly quality controlled, and should not duplicate resources available commercially or through other sources. Resources should be designed to provide services to the broad NeuroHIV research community and should not be limited by any specific institutions. Applications are due by 5:00 PM local time of applicant organization on May 10, 2021. [Read more information.](#)

NIH: Practice-Based Suicide Prevention Research Centers (P50 Clinical Trial Optional)

PAR-20-286

Application Submission Deadline: May 26, 2021

This Funding Opportunity Announcement (FOA) invites applications for research centers to support integrated programs of high-impact, practice-based research with near-term potential to address NIMH suicide prevention priorities and help achieve the National Action Alliance for Suicide Prevention goals of reducing the rate of suicide in the US. The Centers are intended to support transdisciplinary teams of clinical and mental health services researchers, behavioral/social scientists, health information and communications technologists, health systems engineers, decision scientists, and mental health stakeholders (e.g., service users, family members, clinicians, payers) engaged in transdisciplinary programs of research that could not be achieved using standard research project grant mechanisms. Research Centers will support the rapid development, refinement, and testing of effective and scalable approaches for intervening at key intercepts in the chain of care: for identifying high-risk individuals, for promoting continuity across key care transitions (e.g., following identification in the emergency department or discharge from inpatient care), and for intervening (including prevention strategies and treatment for acute risk). Applications are due by May 26, 2021. [Read more information.](#)

NIH: Identification and Management of Behavioral Symptoms and Mental Health Conditions in Individuals with Intellectual Disabilities (R01 - Clinical Trial Optional)

PAR-18-766

Application Submission Deadline: June 5, 2021

This Funding Opportunity Announcement (FOA) encourages research grant applications focusing on identification and management of behavioral symptoms and mental health conditions in individuals with intellectual disabilities (ID). Specific areas of interest for this funding opportunity are (1) applications to develop and validate assessment tools that reliably identify behavioral symptoms or diagnose mental health conditions in individuals with ID, and (2) applications studying the pharmacokinetics, safety and efficacy of specific psychotropic medications for treatment of behavioral symptoms or mental health conditions in individuals with ID. Letters of intent are due 30 days prior to the application deadline. Applications are due by 5:00pm local time of applicant organization on June 5, 2021. [Read more information](#).

NIH: Discovery of Cell-based Chemical Probes for Novel Brain Targets (R21 Clinical Trial Not Allowed)

PAR-21-028

Application Submission Deadline: June 16, 2021

This Funding Opportunity Announcement (FOA) intends to support investigators who have interest and capability to join efforts for the discovery of cell-based chemical probes for novel brain targets. It is expected that applicants will have in hand the starting compounds (validated hits) for chemical optimization and bioassays for testing new analog compounds. Through this FOA, NIH wishes to stimulate research in: 1) discovery and development of novel, small molecules for their potential use in understanding biological processes relevant to the missions of NIMH, NIA, NICHD, and/or NIDCD; and 2) discovery and/or validation of novel, biological targets that will inform studies of brain disease mechanisms. Emphasis will be placed on projects that provide new insight into important disease-related biological targets and biological processes. The main emphasis of projects submitted under this FOA should be in the discovery of cell-based chemical probes. All applications are due by 5:00 PM local time of applicant organization on June 16, 2021. [Read more information](#).

NIH: Developmental AIDS Research Centers on Mental Health and HIV/AIDS (P30 Clinical Trial Optional)

PAR-20-307; PAR-20-308

Application Submission Deadline: August 25, 2021

The National Institute of Mental Health (NIMH) Division of AIDS Research (DAR) encourages applications for Center Core grants (P30) to support Developmental HIV/AIDS Research Centers (D-ARC). The D-ARC is intended to provide infrastructure support that facilitates the development of high impact science in HIV/AIDS and mental health that is relevant to the NIMH mission. This Funding Opportunity Announcement (FOA) intends to support innovative, interdisciplinary research in several areas, including basic, NeuroHIV, behavioral and social, integrated biobehavioral, applied, clinical, translational, and implementation science. All applications are due by 5:00 PM local time of applicant organization on August 25, 2021. Read more information: [PAR-20-307](#), [PAR-20-308](#)

NIH: Service-Ready Tools for Identification, Prevention, and Treatment of Individuals at Risk for Suicide (R34 Clinical Trial Optional)

RFA-MH-21-111

Application Submission Deadline: October 15, 2021

The National Institute of Mental Health (NIMH) seeks applications for pilot effectiveness projects to evaluate the preliminary effectiveness of service-ready tools and technologies that can be used to advance training, quality monitoring, and quality improvement efforts and ultimately improve the availability of evidence-based suicide prevention services. Specifically, this initiative encourages research on the effectiveness-implementation continuum aimed at (1) developing and testing the effectiveness of optimized, service-ready suicide prevention tools for identification, prevention, and treatment of individuals at risk for suicide; and (2) testing strategies to improve adoption, implementation fidelity, and sustained use of these tools, guided by an implementation science framework. Given the focus on practice-ready accessible resources and products that could be readily integrated into practice, NIMH encourages the use of technology and other design features that make the tools scalable and robust against implementation drift, and a deployment-focused approach that takes into account the perspectives of key stakeholders (e.g., service users, providers, administrators) and system-level factors, such as workforce capacity that influence potential integration of tools into clinical workflows. This Funding Opportunity Announcement (FOA) supports pilot effectiveness research to evaluate the feasibility, tolerability, acceptability, safety and preliminary indications of effectiveness of service-ready tools and technologies for suicide prevention and inform the design of definitive effectiveness trials. Applications are due by 5:00 PM local time of applicant organization on October 15, 2021. [Read more information](#).

NIH: Service-Ready Tools for Identification, Prevention, and Treatment of Individuals at Risk for Suicide (R01 Clinical Trial Optional)

RFA-MH-21-110

Application Submission Deadline: October 15, 2021

The National Institute of Mental Health (NIMH) seeks applications for research projects to evaluate the effectiveness of service-ready tools and technologies that can be used to advance training, quality monitoring, and quality improvement efforts and ultimately improve the availability of evidence-based suicide prevention services. Specifically, this initiative encourages research on the effectiveness-implementation continuum aimed at (1) developing and testing the effectiveness of optimized, service-ready suicide prevention tools for identification, prevention, and treatment of individuals at risk for suicide; and (2) testing strategies to improve adoption, implementation fidelity, and sustained use of these tools, guided by an implementation science framework. Given the focus on practice-ready accessible resources and products that could be readily integrated into practice, NIMH encourages the use of technology and other design features that make the tools scalable and robust against implementation drift, and a deployment-focused approach that takes into account the perspectives of key stakeholders (e.g., service users, providers, administrators) and system-level factors, such as workforce capacity that influence potential integration of tools into clinical workflows. This Funding Opportunity Announcement (FOA) is intended to support effectiveness research of service-ready tools and technologies for suicide prevention that are statistically powered to provide a definitive answer regarding the study tool's effectiveness. Applications are due by 5:00 PM local time of applicant organization on October 15, 2021. [Read more information.](#)

**NIMH: Mental Health Research Dissertation Grant to Enhance Workforce Diversity (R36 Independent Clinical Trial Not Allowed)
PAR-18-894**

Application Submission Deadline: April 6, 2021

The purpose of this Funding Opportunity Announcement (FOA) is to enhance the diversity of the mental health research workforce by providing dissertation awards in all research areas within the strategic priorities of the NIMH to individuals from groups underrepresented in biomedical, behavioral, clinical and social sciences research. This award supports the completion of the doctoral research project. Applications are due on April 6, 2021. [Read more information.](#)

**NIMH: Advanced Laboratories for Accelerating the Reach and Impact of Treatments for Youth and Adults with Mental Illness (ALACRITY) Research Centers (P50 Clinical Trial Optional)
PAR-20-293**

Application Submission Deadline: May 17, 2021

This Funding Opportunity Announcement (FOA) invites applications for centers to support transdisciplinary teams of clinical and mental health services researchers, behavioral scientists, social scientists, health information and communications technologists, health systems engineers, decision scientists, and mental health stakeholders (e.g., service users, family members, clinicians, payers) to engage in high-impact studies that will significantly advance clinical practice and generate knowledge that will fuel transformation of mental health care in the United States. Advanced Laboratories for Accelerating the Reach and Impact of Treatments for Youth and Adults with Mental Illness (ALACRITY) Research Centers will support the rapid development, testing, and refinement of novel and integrative approaches for (1) optimizing the effectiveness of therapeutic or preventive interventions for mental disorders within well-defined target populations; (2) organizing and delivering optimized mental health services within real world treatment settings; and (3) continuously improving the quality, impact, and durability of optimized interventions and service delivery within diverse care systems. The ALACRITY Centers program is intended to support research that maximizes synergies across various components of the mental health research ecosystem, including new discoveries in clinical research, transformative health care technologies, advances in information science, and new federal and state mechanisms for organizing mental health care. The Centers are intended for transdisciplinary projects that could not be achieved using standard research project grant mechanisms. The ALACRITY Centers program is also expected to facilitate widespread sharing of relevant data, methods, and resources that will accelerate clinical research and practice and to provide opportunities for graduate students, postdoctoral researchers, and early-career investigators to participate in transdisciplinary, T2 translational mental health research. Applications are due by May 17, 2021. [Read more information.](#)

**NIMH: Neuromodulation/Neurostimulation Device Development for Mental Health Applications (R21 Clinical Trial Optional) (R01 Clinical Trial Optional)
PAR-18-941; PAR-18-942**

Application Submission Deadline: June 5, 2021 (R01), June 16, 2021 (R21)

The purpose of this funding opportunity announcement (FOA) is to encourage applications seeking to develop the next generation of brain stimulation devices for treating mental health disorders. Applications are sought that will either 1) develop novel brain stimulation devices or 2) significantly enhance, by means of hardware/software improvements, the effectiveness of brain stimulation devices that are currently U.S. Food and Drug Administration (FDA)-approved or cleared. Novel devices should move beyond existing electrical/magnetic stimulation and develop new stimulation techniques capable of increased spatiotemporal precision as well as multi-focal, closed-loop approaches. Applications seeking to develop new capabilities should focus on significant enhancement of the spatial resolution, depth of delivery,

and/or precision of the device. Incremental changes to existing devices (e.g., software updates) are not within the scope of this announcement. Applications should be submitted by multi-disciplinary teams with diverse expertise including systems neuroscience, engineering, clinical, and regulatory affairs. Applications to this FOA may propose hypothesis-driven research, but should propose design-directed, developmental, or discovery-driven technology research using integrative approaches. Applications are due by 5pm local time of applicant organization on June 5, 2021 for [R01](#) and by June 16, 2021 for [R21](#).

NEW NIMH: Pilot Effectiveness Trials for Treatment, Preventive and Services Interventions (R34 Clinical Trial Required)

PAR-21-131

Application Submission Deadline: June 15, 2021

NIMH solicits clinical trial applications through a series of Funding Opportunity Announcements (FOAs) that cover the intervention development pipeline, from first-in-human, early testing of new interventions, confirmatory efficacy trials, through to effectiveness trials. The purpose of this 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. Consistent with the NIMH experimental therapeutics approach, this FOA is intended to support pilot studies of intervention effectiveness or service delivery approaches that explicitly address whether the intervention engages the target(s)/mechanism(s) presumed to underlie the intervention effects (i.e., the mechanism(s) that accounts for changes in clinical/functional outcomes, changes in provider behavior, improved access or continuity of services, etc.). In this pilot effectiveness phase of research, NIMH places highest priority on intervention and service delivery approaches that can be justified in terms of their potential to substantially impact practice and public health. This FOA supports pilot studies and provides resources for evaluating the feasibility, tolerability, acceptability and safety and preliminary effectiveness 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 effectiveness trial (e.g., comparative effectiveness study, pragmatic trial). Applications are due by 5:00 PM local time of applicant organization on June 15, 2021. [Read more information.](#)

NEW NIMH: Confirmatory Efficacy Clinical Trials of Non-Pharmacological Interventions for Mental Disorders (R01 Clinical Trial Required)

PAR-21-132

Application Submission Deadline: June 15, 2021

NIMH solicits clinical trial applications through a series of Funding Opportunity Announcements (FOAs) that cover the intervention development pipeline, from first-in-human, early testing of new interventions, confirmatory efficacy trials, through to effectiveness trials. The purpose of this FOA is to support confirmatory efficacy testing of non-pharmacological therapeutic and preventive interventions for mental disorders in adults and children through an experimental therapeutics approach. Under this FOA, trials must be designed so that results, whether positive or negative, will provide information of high scientific utility and will support "go/no-go" decisions about further development, effectiveness testing, or dissemination of the intervention. Interventions to be studied include, but are not limited to behavioral, cognitive, interpersonal, and device-based (both invasive/surgically implanted as well as noninvasive/transcranial) approaches, or a combination thereof. Interventions appropriate for efficacy testing must be based on a compelling scientific rationale, previous demonstration that the intervention engages and alters the hypothesized mechanism of action, a preliminary efficacy signal, and must address an unmet therapeutic need. Support will be provided for a trial of the intervention's efficacy that includes measurement of the hypothesized mechanism of action and the relationship between change in the mechanism and change in functional or clinical effects. Ultimately, this FOA is intended to support a sufficiently-powered efficacy trial to determine the intervention's potential for significant clinical benefit. Applicants pursuing other stages of the clinical trial pipeline should consider one of the companion FOAs listed above. Applications are due by 5:00 PM local time of applicant organization on June 15, 2021. [Read more information.](#)

NEW NIMH: Development of Psychosocial Therapeutic and Preventive Interventions for Mental Disorders (R33 Clinical Trial Required)

PAR-21-134

Application Submission Deadline: June 15, 2021

The National Institute of Mental Health (NIMH) solicits clinical trial applications through a series of Funding Opportunity Announcements (FOAs) that cover the intervention development pipeline, from first-in-human, early testing of new interventions, confirmatory efficacy trials, through to effectiveness trials. The purpose of this FOA is to encourage pilot research developing and testing innovative psychosocial intervention approaches in which the target and/or intervention strategy is novel. Consistent with NIMH's experimental therapeutics approach, this FOA is intended to speed the translation of emergent research on mechanisms and processes underlying mental disorders into promising novel

psychosocial preventative or therapeutic interventions. Targets may include, but are not limited to, potentially modifiable behavioral, cognitive, affective and/or interpersonal factors or processes, neural circuits or neural activity subserving specific behaviors or cognitive processes, and/or other neurobiological mechanisms. Novel psychosocial intervention strategies might include in-person or technology-assisted delivery, provided the target and/or the intervention strategy is novel. They may also be standalone interventions or augmentations of efficacious interventions for which there is an empirical rationale by which the augmentation (and corresponding target) is expected to substantially enhance outcomes. Support will be provided for up to 3 years for studies to replicate previous target engagement findings, and to relate change in the intervention target/mechanism to clinical benefit. Ultimately, trials must be designed so that results, whether positive or negative, will provide information of high scientific utility and will support “go/no-go” decisions about further development and/or testing of the intervention. This FOA is designed for applicants seeking to fund pilot stages of research. Applicants pursuing other stages of the clinical trial pipeline should consider one of the companion FOAs listed on the site. Applications are due by 5:00 PM local time of applicant organization on June 15, 2021. [Read more information.](#)

NIMH: Post-Acute Interventions for the Treatment of Anorexia Nervosa (R34 Clinical Trial Required)

RFA-MH-20-500

Application Submission Deadline: June 15, 2021

NIMH seeks applications for pilot projects to evaluate the preliminary effectiveness of interventions targeting sustained and enhanced treatment response following acute treatment for anorexia nervosa (AN). An emphasis is placed on trials that go beyond seeking incremental gains in intervention effects, and instead take a theory-driven, empirical approach to developing and testing interventions that will have a significant impact on weight restoration and psychological symptoms associated with AN. Consistent with an effectiveness framework, studies should take a deployment-focused approach to intervention development and testing, acknowledging that many patients will receive post-acute treatment from community providers unaffiliated with specialty eating disorder centers. Applications are due by June 15, 2021. [Read more information.](#)

NIMH: Exploratory/Developmental Research Grant (R21 - Clinical Trial Not Allowed)

PA-18-350

Application Submission Deadline: June 16, 2021

The NIMH Exploratory/Developmental Grant program supports exploratory and high-risk research projects that fall within the National Institute of Mental Health (NIMH) mission by providing support for the early and conceptual stages of these projects. These studies may involve considerable risk but may lead to a breakthrough or to the development of novel techniques, agents, methods, measures, models, or strategies, or to the generation of pilot or feasibility data. The preliminary work from these studies could lead to a major impact on biomedical, behavioral, or clinical mental health research, or on the delivery of mental health care. Applications are due by February 16, 2021. [Read more information.](#)

NIMH: Practice-Based Research for Implementing Scalable Evidence-Based Prevention Interventions in Primary Care Settings (R01 Clinical Trial Optional) (R34 Clinical Trial Required)

RFA-MH-20-505; RFA-MH-20-506

Application Submission Deadline: July 1, 2021

The purpose of this Funding Opportunity Announcement (FOA) is to encourage practice-based research aimed at refining and pilot testing developmentally-focused, theory-based efficacious prevention interventions that may impact mental health outcomes, including suicide behaviors and serious mental illness. The research should test prevention approaches that are both scalable and sustainable for implementation in pediatric-serving primary care settings, with an emphasis on populations experiencing mental health disparities. Applications are due by 5pm local time of applicant organization on July 1, 2021. Read more information: [R01](#), [R34](#).

METHODOLOGY AND MEASUREMENT

NIH: BRAIN Initiative: Research Resource Grants for Technology Integration and Dissemination (U24 Clinical Trial Not Allowed)

RFA-NS-19-006

Application Submission Deadline: June 27, 2021

This funding opportunity announcement (FOA) supports efforts to disseminate resources and to integrate them into neuroscience research practice. Projects should be highly relevant to specific goals of the BRAIN Initiative, goals that are described in the planning document "[BRAIN 2025: A Scientific Vision](#)." They should engage in one or more of the following activities: distribution of tools and reagents; user training on the usage of new technologies or techniques; providing access to existing technology platforms and specialized facilities; minor improvements to increase the scale/efficiency of resource production and delivery; minor adaptations to meet the needs of a user community.

Applications strictly focused on technology or software development, rather than dissemination of an existing resource, are not responsive to this FOA. Refinements to microscopes or tools necessary to customize them to the experimental needs of the end users is allowed. Projects should address compelling needs of neuroscience researchers working toward the goals of the BRAIN 2025 report that are otherwise unavailable or impractical in their current form. Letters of intent are due 30 days prior to the application due date. Complete applications are due by June 27, 2021. [Read more information.](#)

**NIH: Service-Ready Tools for Identification, Prevention, and Treatment of Individuals at Risk for Suicide (R01 Clinical Trial Optional)
RFA-MH-21-110**

Application Submission Deadline: October 15, 2021

The National Institute of Mental Health (NIMH) seeks applications for research projects to evaluate the effectiveness of service-ready tools and technologies that can be used to advance training, quality monitoring, and quality improvement efforts and ultimately improve the availability of evidence-based suicide prevention services. Specifically, this initiative encourages research on the effectiveness-implementation continuum aimed at (1) developing and testing the effectiveness of optimized, service-ready suicide prevention tools for identification, prevention, and treatment of individuals at risk for suicide; and (2) testing strategies to improve adoption, implementation fidelity, and sustained use of these tools, guided by an implementation science framework. Given the focus on practice-ready accessible resources and products that could be readily integrated into practice, NIMH encourages the use of technology and other design features that make the tools scalable and robust against implementation drift, and a deployment-focused approach that takes into account the perspectives of key stakeholders (e.g., service users, providers, administrators) and system-level factors, such as workforce capacity that influence potential integration of tools into clinical workflows. This Funding Opportunity Announcement (FOA) is intended to support effectiveness research of service-ready tools and technologies for suicide prevention that are statistically powered to provide a definitive answer regarding the study tool's effectiveness. Applications are due by 5:00 PM local time of applicant organization on October 15, 2021. [Read more information.](#)

**NIH: Service-Ready Tools for Identification, Prevention, and Treatment of Individuals at Risk for Suicide (R34 Clinical Trial Optional)
RFA-MH-21-111**

Application Submission Deadline: October 15, 2021

The National Institute of Mental Health (NIMH) seeks applications for pilot effectiveness projects to evaluate the preliminary effectiveness of service-ready tools and technologies that can be used to advance training, quality monitoring, and quality improvement efforts and ultimately improve the availability of evidence-based suicide prevention services. Specifically, this initiative encourages research on the effectiveness-implementation continuum aimed at (1) developing and testing the effectiveness of optimized, service-ready suicide prevention tools for identification, prevention, and treatment of individuals at risk for suicide; and (2) testing strategies to improve adoption, implementation fidelity, and sustained use of these tools, guided by an implementation science framework. Given the focus on practice-ready accessible resources and products that could be readily integrated into practice, NIMH encourages the use of technology and other design features that make the tools scalable and robust against implementation drift, and a deployment-focused approach that takes into account the perspectives of key stakeholders (e.g., service users, providers, administrators) and system-level factors, such as workforce capacity that influence potential integration of tools into clinical workflows. This Funding Opportunity Announcement (FOA) supports pilot effectiveness research to evaluate the feasibility, tolerability, acceptability, safety and preliminary indications of effectiveness of service-ready tools and technologies for suicide prevention and inform the design of definitive effectiveness trials. Applications are due by 5:00 PM local time of applicant organization on October 15, 2021. [Read more information.](#)

NUTRITION

**NIH: Time-Sensitive Obesity Policy and Program Evaluation (R01)
PAR-18-854**

Application Submission Deadline: April 9, 2021

This Funding Opportunity Announcement (FOA) establishes an accelerated review/award process to support time-sensitive research to evaluate a new policy or program that is likely to influence obesity related behaviors (e.g., dietary intake, physical activity, or sedentary behavior) and/or weight outcomes in an effort to prevent or reduce obesity. This FOA is intended to support research where opportunities for empirical study are, by their very nature, only available through expedited review and funding. All applications to this FOA must demonstrate that the evaluation of an obesity related policy and /or program offers an uncommon and scientifically compelling research opportunity that will only be available if the research is initiated with minimum delay. For these reasons, applications in response to this time-sensitive FOA are not eligible for resubmission. It is intended that eligible applications selected for funding will be awarded within 4

months of the application due date. However, administrative requirements and other unforeseen circumstances may delay issuance dates beyond that timeline. Applications are due by 5:00 PM local time of applicant organization on April 9, 2021. [Read more information](#).

NIH: Diet and Physical Activity Assessment Methodology (R01) (R21)

PA-18-856, PAR-18-857

Application Submission Deadline: June 5, 2021 (R01), June 16, 2021 (R21)

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. Applications are due by 5pm local time of applicant organization on June 5, 2021 (R01), June 16, 2021 (R21).

PUBLIC HEALTH

CDC: The CDC National Centers of Excellence in Youth Violence Prevention (YVPCs): Rigorous Evaluation of Prevention Strategies to Prevent and Reduce Community Rates of Youth Violence

RFA-CE-21-005

Application Submission Deadline: April 21, 2021

The Centers for Disease Control and Prevention's (CDC) National Center for Injury Prevention and Control (NCIPC or Injury Center) is soliciting research proposals to expand the evidence base for the primary prevention of youth violence. The purpose of this announcement is to fund the National Centers of Excellence in Youth Violence Prevention (Youth Violence Prevention Centers or YVPCs) to continue to build the evidence-base for violence prevention strategies and approaches that reduce community rates of youth violence within one or more geographically defined communities with high rates of youth violence. Applications for YVPCs supported under this announcement must describe 5 core elements: (1) an administrative infrastructure to support implementation, evaluation, and dissemination activities; to foster necessary local collaborations to achieve the YVPC's goals; and to work with other funded YVPCs as part of the YVPC Network; (2) the selected community or set of communities with high rates of youth violence as the focus of all proposed YVPC activities; (3) a rigorous evaluation of at least two distinct prevention strategies related to at least two of the four research areas outlined in this NOFO that are designed to reduce community rates of youth violence in the selected community or set of communities; (4) a youth advisory council to provide input on the selection, implementation, and evaluation of youth violence prevention strategies; and (5) integrated training activities for early career and junior researchers in youth violence prevention to complement the implementation, rigorous evaluation, and scholarship activities of the YVPC. Applications are due by 5:00pm ET on April 21, 2021. [Read more information](#).

New CDC: Promoting Population Health through Increased Capacity in Alcohol Epidemiology & the Prevention of Excessive Alcohol Use

CDC-RFA-DP21-2105

Application Submission Deadline: April 26, 2021

CDC announces the availability of fiscal year (FY) 2021 funds to implement CDC-RFA-DP21-2105, Promoting Population Health through Increased Capacity in Alcohol Epidemiology and the Prevention of Excessive Alcohol Use. The purpose of this Notice of Funding Opportunity (NOFO) is to build state capacity in alcohol epidemiology and provide the tools and information needed to perform core public health functions related to excessive alcohol use prevention in states. This increased epidemiologic capacity will help build the public health infrastructure that is needed to reduce excessive alcohol use – a leading preventable cause of death in the U.S. The NOFO includes an additional component for the delivery of expert technical assistance and training on population-level evidence-based strategies for preventing excessive alcohol use and related harms in states and communities, such as those recommended by the Community Preventive Services Task Force. Applications are due by April 26, 2021. [Read more information](#).

NIAAA: SARS-CoV-2, COVID-19 and Consequences of Alcohol Use (R01 Clinical Trial Not Allowed); (R03 Clinical Trial Not Allowed); (R21 Clinical Trial Not Allowed)

RFA-AA-21-002; RFA-AA-21-003; RFA-AA-21-004

Application Submission Deadline: April 14, 2021

This Funding Opportunity Announcement (FOA) will support research grants to address urgent, time-sensitive research questions on the relationships between alcohol consumption and COVID-19 related outcomes and consequences. The principal area of focus is research that can improve public health in the near term by informing responses to the current

COVID-19 pandemic, in view of 1) the impact of alcohol misuse on incidence and severity of COVID-19 disease or 2) the effect of the COVID-19 disease and pandemic-induced restrictions on alcohol use and alcohol use disorder (AUD). Time-sensitive applications for which standard NIH review and funding timelines would compromise either the ability to conduct the research or the value of the knowledge and with the potential to inform responses to the current pandemic will be considered. Applications to RFA-AA-21-002 should be accomplished within a three-year project duration. The RFA-AA-21-003 FOA uses the R03 mechanism, which is intended to support research projects that can be carried out in a short period of time with limited resources and that may provide preliminary data to support a subsequent R01, or equivalent, application. The RFA-AA-21-004 FOA uses the R21 grant mechanism, which is intended to support investigation of novel scientific ideas or new model systems, tools, or technologies that have the potential for significant impact on biomedical or biobehavioral research. Read more information: [RFA-AA-21-002](#); [RFA-AA-21-003](#); [RFA-AA-21-004](#).

NCI: Social and Behavioral Intervention Research to Address Modifiable Risk Factors for Cancer in Rural Populations (R01 Clinical Trial Required)

RFA-CA-20-051

Application Submission Deadline: January 18, 2022

The purpose of this Funding Opportunity Announcement (FOA) is to solicit applications to develop, adapt, and test individual-, community- or multilevel interventions to address modifiable risk factors for cancer in rural populations. Applications should focus on primary prevention and assess and address one or more of the social and behavioral risk factors that contribute to cancer disparities in rural populations: tobacco use; diet, physical activity and weight; alcohol use; UV exposure; and HPV vaccination. Applications should also assess and address myriad social determinants of health, cultural factors, and health care and technology access barriers that may contribute to rural cancer disparities. This FOA also encourages implementation science research, to incorporate efficacious cancer control interventions in a coordinated way, into broader, sustainable health programs that are designed to reach rural populations and allow local customization and adaptation. Applications are due by January 18, 2022. [Read more information.](#)

NIH: Intervention Research to Improve Native American Health (R01 Clinical Trial Optional)

PAR-20-238

Application Submission Deadline: May 17, 2021

The purpose of this funding opportunity announcement (FOA) is to support research on interventions to improve health in Native American (NA) populations. This includes 1) etiologic research, where there is a significant gap in knowledge, that will directly inform intervention development or adaptations, 2) research that develops, adapts, or tests the efficacy or effectiveness of health promotion and disease prevention interventions, 3) research that tests culturally informed treatment or recovery interventions and 4) where a sufficient body of knowledge on intervention efficacy exists, research on dissemination and implementation that develops and tests strategies to overcome barriers to the adoption, integration, scale-up, and sustainability of effective interventions. Existing data suggest that significant acute and chronic disease inequities exist for NA populations. Concurrently, NA populations experience unique sociopolitical, historical, and environmental stressors and risks that may exacerbate health conditions and/or impact the effectiveness of existing solutions to address the conditions. They also possess unique strengths and resiliencies that can mitigate stressors or inform intervention strategies. Through this initiative, intervention and related research is sought to build upon community knowledge, resources, and resilience to test science-based, culturally appropriate solutions to reduce morbidity and mortality through identification and remediation of precursors to diseases and disorders and through culturally informed treatment. Interventions should be designed with a consideration for sustainability within the communities where they are tested, and have the flexibility to be readily adapted, disseminated, and scaled up to other communities where culturally appropriate. For the purposes of this FOA, Native Americans include the following populations: Alaska Natives, American Indians (whose ancestral lands fall at least partially within the U.S. mainland border), and Native Hawaiians. The term 'Native Hawaiian' means any individual any of whose ancestors were natives, prior to 1778, of the area which now comprises the State of Hawaii. Applications are due by May 17, 2021. [Read more information.](#)

NIH: Research to Improve Native American Health (R21 Clinical Trials Optional)

PAR-20-214

Application Submission Deadline: May 17, 2021

The purpose of this funding opportunity announcement (FOA) is to support developmental/exploratory studies in preparation for health promotion, disease prevention, treatment, or treatment services research to improve health in Native American (NA) populations. Applications may include 1) etiologic research, where there is a significant gap in knowledge, that will directly inform intervention development or adaptations, 2) research to develop and pilot test new or adapted interventions for feasibility, acceptability, and scalability, 3) research to test the short-term efficacy of interventions, 4) where a sufficient body of knowledge on intervention efficacy exists, research on strategies to overcome barriers to the adoption, integration, scale-up, and sustainability of effective interventions. Existing data suggest that significant acute and chronic disease inequities exist for NA populations. Concurrently, NA populations experience unique sociopolitical, historical, and environmental stressors and risks that may exacerbate health conditions and/or impact the

effectiveness of existing solutions to address the conditions. They also possess unique strengths and resiliencies that can mitigate stressors or inform intervention strategies. Through this announcement, culturally informed exploratory/developmental research is sought that builds upon community knowledge, resources, and resilience to provide foundational knowledge for future science-based, culturally appropriate solutions to reduce morbidity and mortality through identification and remediation of precursors to diseases and disorders and through culturally informed treatment. For the purposes of this FOA, Native Americans include the following populations: Alaska Natives, American Indians (whose ancestral lands fall at least partially within the U.S. mainland border), and Native Hawaiians. The term 'Native Hawaiian' means any individual any of whose ancestors were natives, prior to 1778, of the area which now comprises the State of Hawaii. Applications are due by May 17, 2021. [Read more information.](#)

NIH: Addressing the Etiology of Health Disparities and Health Advantages Among Immigrant Populations (R01 Clinical trial not allowed)

PAR-21-080

Application Submission Deadline: June 5, 2021

The purpose of this Funding Opportunity Announcement (FOA) is to support innovative research to understand factors uniquely associated with the immigration experience that contribute to health disparities or health advantages among U.S. immigrant populations. This includes but is not limited to risk/protective factors associated with immigration processes from influences that push migration from the sending country, through the experience of immigration, to the experience of resettlement, short and long term residence in the U.S. and the process of acculturation that affect the health of U.S. immigrant populations (particularly migrant workers, recent and 1st generation immigrants). All applications are due by 5:00 PM local time of applicant organization on June 5, 2021. [Read more information.](#)

NIH: Addressing Health Disparities among Immigrant Populations through Effective Interventions (R01 Clinical Trial Optional)

PAR-21-081

Application Submission Deadline: June 5, 2021

The purpose of this initiative is to support research to design and implement effective interventions to enhance health advantages and reduce the health disparities among US immigrant populations. Given the scientific literature documenting health inequities among immigrant populations, this announcement calls for multidisciplinary/multilevel research focusing on the design and implementation of effective interventions that will address immigrant-specific factors to reduce health disparities, particularly among migrant workers, recent and 1st generation immigrants. The intervention research under this FOA should be aimed at improving the health outcome among immigrant groups by targeting the complex causes or consequences of health disparities. All applications are due by 5:00 PM local time of applicant organization on June 5, 2021. [Read more information.](#)

NIH: Tobacco Control Policies to Promote Health Equity (R21 Clinical Trial Optional)

PAR-20-302; PAR-20-303

Application Submission Deadline: June 16, 2021

The purpose of this Funding Opportunity Announcement (FOA) is to support observational or intervention research focused on reducing disparities in tobacco use and secondhand smoke (SHS) exposure in the U.S. Specifically, this FOA aims to stimulate scientific inquiry focused on innovative state and local level tobacco prevention and control policies. The long-term goal of this FOA is to reduce disparities in tobacco-related cancers, and in doing so, to promote health equity among all populations. Applicants submitting applications related to health economics are encouraged to consult NOT-OD-16-025 to ensure that the research projects align with NIH mission priorities in health economics research. Applications are due by June 16, 2021. Read more information: [PAR-20-303](#); [PAR-20-302](#).

New NIH: Secondary Analyses of Existing Datasets of Tobacco Use and Health (R21 Clinical Trial Not Allowed)

RFA-OD-21-003

Application Submission Deadline: October 8, 2021

The purpose of this Funding Opportunity Announcement (FOA) is to invite R21 applications proposing the innovative analysis of existing (publicly available) nationally representative U.S. cross-sectional and longitudinal data, including the National Youth Tobacco Survey (NYTS), 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). Other publicly available data sets would be considered depending on the analyses to be conducted; however, nationally representative analyses will receive priority. Applications not using nationally representative data sets will need to provide justification why the data set is unique, and why the research questions cannot be answered from a (publicly available) nationally representative data set. This FOA encourages the analyses of public use datasets that may inform tobacco regulatory actions in the United States (U.S.). The awards under this FOA will be administered by NIH using funds that have been made available

through FDA-CTP and the Family Smoking Prevention and Tobacco Control Act (P.L. 111-31). 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. Research Projects must address the research priorities related to the regulatory authority of the Food and Drug Administration (FDA) - Center for Tobacco Products (CTP). Applications are due by 5:00 PM local time of applicant organization on October 8, 2021. [Read more information.](#)

**NIH: NLM Information Resource Grants to Reduce Health Disparities (G08 Clinical Trial Not Allowed).
PAR-20-283**

Application Submission Deadline: October 22, 2021

This Funding Opportunity Announcement (FOA) solicits resource grant applications for projects that will bring useful, usable health information to health disparity populations and their health care providers. Access to useful, usable, understandable health information is an important factor when making health decisions. Proposed projects should exploit the capabilities of computer and information technology and health sciences libraries to bring health-related information to consumers and their health care providers. Because this FOA focuses on providing health information to health disparity populations, institutions with demonstrated commitment to the needs of health disparity communities (including Tribal Colleges and Universities (TCU), Historically Black Colleges and Universities (HBCU), Hispanic-Serving Institutions (HSI) and other Minority-Serving Institutions (MSI)) are encouraged to apply. Applications are due by October 22, 2021. [Read more information.](#)

**NIH: Health Services Research on Minority Health and Health Disparities (R01- Clinical Trial Optional)
PAR-20-310**

Application Submission Deadline: November 17, 2021

As the Nation's steward of biomedical and behavioral research, NIH has devoted considerable resources to characterize the root causes of health disparities, uncovering a complex web of interconnected and overlapping factors (i.e., biological, behavioral, environmental, and societal). As an important next step, research is needed that capitalizes upon knowledge about causal pathways to directly and demonstrably contribute to the reduction of health disparities. The purpose of this FOA is to encourage health services research that can directly contribute to the improvement of minority health and/or the reduction of health disparities, while taking into consideration the interaction between system-level healthcare, individual clinical care and social determinants of health, including the role of structural systemic factors, place and neighborhood factors. The focus of this FOA is on all services provided in the healthcare setting where individuals from health disparity populations seek care with a clinician for preventive services, chronic disease management, urgent symptomatic care, emergency care, and hospital care. Applications are due by 5:00 PM local time of the applicant organization on November 17, 2021. [Read more information.](#)

NIH: Human-Animal Interaction (HAI) Research (R01 Clinical Trial Optional) (R03 Clinical Trial Optional) (R21 Clinical Trial Optional)

PAR-20-031; PAR-20-032; PAR-20-033

Application Submission Deadline: November 30, 2021

This Funding Opportunity Announcement (FOA) invites grant applications for research to examine 1) the impact of Human-Animal Interactions (HAI) on typical and atypical child development and health; 2) the evaluation of animal-assisted intervention for children and adults with disabilities or in need of rehabilitative services; 3) the effects of animals on public health, including cost effectiveness of involving animals in reducing and preventing disease. Applications are due by November 20, 2021. Read more information: [R01](#); [R03](#); [R21](#).

NEW NIMH: Pilot Effectiveness Trials for Treatment, Preventive and Services Interventions (R34 Clinical Trial Required)

PAR-21-131

Application Submission Deadline: June 15, 2021

NIMH solicits clinical trial applications through a series of Funding Opportunity Announcements (FOAs) that cover the intervention development pipeline, from first-in-human, early testing of new interventions, confirmatory efficacy trials, through to effectiveness trials. The purpose of this 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. Consistent with the NIMH experimental therapeutics approach, this FOA is intended to support pilot studies of intervention effectiveness or service delivery approaches that explicitly address whether the intervention engages the target(s)/mechanism(s) presumed to underlie the intervention effects (i.e., the mechanism(s) that accounts for changes in clinical/functional outcomes, changes in provider behavior, improved access or continuity of services, etc.). In this pilot effectiveness phase of research, NIMH places highest priority on intervention

and service delivery approaches that can be justified in terms of their potential to substantially impact practice and public health. This FOA supports pilot studies and provides resources for evaluating the feasibility, tolerability, acceptability and safety and preliminary effectiveness 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 effectiveness trial (e.g., comparative effectiveness study, pragmatic trial). Support for fully-powered effectiveness studies is provided through separate FOAs that utilize the R01 mechanism for single-site effectiveness trials (PAR-21-130; "Clinical Trials to Test the Effectiveness of Treatment, Preventive, and Services Interventions (R01).") and collaborative R01 mechanism for multi-site effectiveness trials (PAR-21-129; "Clinical Trials to Test the Effectiveness of Treatment, Prevention, and Services Interventions (Collaborative R01 Clinical Trial Required)"). Applicants pursuing other stages of the clinical trial pipeline should consider one of the companion FOAs listed on the site. Applications are due by 5:00 PM local time of applicant organization on June 15, 2021. [Read more information.](#)

NIMH: Practice-Based Research for Implementing Scalable Evidence-Based Prevention Interventions in Primary Care Settings (R01 Clinical Trial Optional) (R34 Clinical Trial Required)
RFA-MH-20-505; RFA-MH-20-506

Application Submission Deadline: July 1, 2021

The purpose of this Funding Opportunity Announcement (FOA) is to encourage practice-based research aimed at refining and pilot testing developmentally-focused, theory-based efficacious prevention interventions that may impact mental health outcomes, including suicide behaviors and serious mental illness. The research should test prevention approaches that are both scalable and sustainable for implementation in pediatric-serving primary care settings, with an emphasis on populations experiencing mental health disparities. Applications are due by 5pm local time of applicant organization on July 1, 2021. Read more information: [R01](#), [R34](#).

RACIAL AND ETHNIC MINORITIES

NIH: Intervention Research to Improve Native American Health (R01 Clinical Trial Optional)
PAR-20-238

Application Submission Deadline: May 17, 2021

The purpose of this funding opportunity announcement (FOA) is to support research on interventions to improve health in Native American (NA) populations. This includes 1) etiologic research, where there is a significant gap in knowledge, that will directly inform intervention development or adaptations, 2) research that develops, adapts, or tests the efficacy or effectiveness of health promotion and disease prevention interventions, 3) research that tests culturally informed treatment or recovery interventions and 4) where a sufficient body of knowledge on intervention efficacy exists, research on dissemination and implementation that develops and tests strategies to overcome barriers to the adoption, integration, scale-up, and sustainability of effective interventions. Existing data suggest that significant acute and chronic disease inequities exist for NA populations. Concurrently, NA populations experience unique sociopolitical, historical, and environmental stressors and risks that may exacerbate health conditions and/or impact the effectiveness of existing solutions to address the conditions. They also possess unique strengths and resiliencies that can mitigate stressors or inform intervention strategies. Through this initiative, intervention and related research is sought to build upon community knowledge, resources, and resilience to test science-based, culturally appropriate solutions to reduce morbidity and mortality through identification and remediation of precursors to diseases and disorders and through culturally informed treatment. Interventions should be designed with a consideration for sustainability within the communities where they are tested, and have the flexibility to be readily adapted, disseminated, and scaled up to other communities where culturally appropriate. For the purposes of this FOA, Native Americans include the following populations: Alaska Natives, American Indians (whose ancestral lands fall at least partially within the U.S. mainland border), and Native Hawaiians. The term 'Native Hawaiian' means any individual any of whose ancestors were natives, prior to 1778, of the area which now comprises the State of Hawaii. Applications are due by May 17, 2021. [Read more information.](#)

NIH: Research to Improve Native American Health (R21 Clinical Trials Optional)
PAR-20-214

Application Submission Deadline: May 17, 2021

The purpose of this funding opportunity announcement (FOA) is to support developmental/exploratory studies in preparation for health promotion, disease prevention, treatment, or treatment services research to improve health in Native American (NA) populations. Applications may include 1) etiologic research, where there is a significant gap in knowledge, that will directly inform intervention development or adaptations, 2) research to develop and pilot test new or adapted interventions for feasibility, acceptability, and scalability, 3) research to test the short-term efficacy of interventions, 4) where a sufficient body of knowledge on intervention efficacy exists, research on strategies to overcome barriers to the adoption, integration, scale-up, and sustainability of effective interventions. Existing data suggest that significant acute and chronic disease inequities exist for NA populations. Concurrently, NA populations experience unique

sociopolitical, historical, and environmental stressors and risks that may exacerbate health conditions and/or impact the effectiveness of existing solutions to address the conditions. They also possess unique strengths and resiliencies that can mitigate stressors or inform intervention strategies. Through this announcement, culturally informed exploratory/developmental research is sought that builds upon community knowledge, resources, and resilience to provide foundational knowledge for future science-based, culturally appropriate solutions to reduce morbidity and mortality through identification and remediation of precursors to diseases and disorders and through culturally informed treatment.

For the purposes of this FOA, Native Americans include the following populations: Alaska Natives, American Indians (whose ancestral lands fall at least partially within the U.S. mainland border), and Native Hawaiians. The term 'Native Hawaiian' means any individual any of whose ancestors were natives, prior to 1778, of the area which now comprises the State of Hawaii. Applications are due by May 17, 2021. [Read more information.](#)

NIH: Addressing the Etiology of Health Disparities and Health Advantages Among Immigrant Populations (R01 Clinical trial not allowed)

PAR-21-080

Application Submission Deadline: June 5, 2021

The purpose of this Funding Opportunity Announcement (FOA) is to support innovative research to understand factors uniquely associated with the immigration experience that contribute to health disparities or health advantages among U.S. immigrant populations. This includes but is not limited to risk/protective factors associated with immigration processes from influences that push migration from the sending country, through the experience of immigration, to the experience of resettlement, short and long term residence in the U.S. and the process of acculturation that affect the health of U.S. immigrant populations (particularly migrant workers, recent and 1st generation immigrants). Projects must focus on immigrants from one or more NIH-designated populations that experience health disparities in the United States, which include racial and ethnic minorities (Blacks or African Americans, Hispanics/Latinos, Asian Americans, and Pacific Islanders). For this FOA, residents of U.S. territories (Guam, Puerto Rico, American Samoa, Commonwealth of the Northern Mariana Islands, and U.S. Virgin Islands) who migrate to the U.S. mainland are also considered to be immigrants. All applications are due by 5:00 PM local time of applicant organization on June 5, 2021. [Read more information.](#)

NIH: Addressing Health Disparities among Immigrant Populations through Effective Interventions (R01 Clinical Trial Optional)

PAR-21-081

Application Submission Deadline: June 5, 2021

The purpose of this initiative is to support research to design and implement effective interventions to enhance health advantages and reduce the health disparities among US immigrant populations. Given the scientific literature documenting health inequities among immigrant populations, this announcement calls for multidisciplinary/multilevel research focusing on the design and implementation of effective interventions that will address immigrant-specific factors to reduce health disparities, particularly among migrant workers, recent and 1st generation immigrants. The intervention research under this FOA should be aimed at improving the health outcome among immigrant groups by targeting the complex causes or consequences of health disparities. Projects must focus on immigrants from one or more NIH-designated populations that experience health disparities in the United States, which include racial and ethnic minorities (Blacks or African Americans, Hispanics/Latinos, Asian Americans, and Pacific Islanders). For this FOA, residents of U.S. territories (Guam, Puerto Rico, American Samoa, Commonwealth of the Northern Mariana Islands, and U.S. Virgin Islands) who migrate to the U.S. mainland are also considered to be immigrants. All applications are due by 5:00 PM local time of applicant organization on February 5, 2021. [Read more information.](#)

NIH: NLM Information Resource Grants to Reduce Health Disparities (G08 Clinical Trial Not Allowed).

PAR-20-283

Application Submission Deadline: October 22, 2021

This Funding Opportunity Announcement (FOA) solicits resource grant applications for projects that will bring useful, usable health information to health disparity populations and their health care providers. Access to useful, usable, understandable health information is an important factor when making health decisions. Proposed projects should exploit the capabilities of computer and information technology and health sciences libraries to bring health-related information to consumers and their health care providers. Because this FOA focuses on providing health information to health disparity populations, institutions with demonstrated commitment to the needs of health disparity communities (including Tribal Colleges and Universities (TCU), Historically Black Colleges and Universities (HBCU), Hispanic-Serving Institutions (HSI) and other Minority-Serving Institutions (MSI)) are encouraged to apply. Applications are due by October 22, 2021. [Read more information.](#)

NIH: Health Services Research on Minority Health and Health Disparities (R01- Clinical Trial Optional)

PAR-20-310**Application Submission Deadline: November 17, 2021**

As the Nation's steward of biomedical and behavioral research, NIH has devoted considerable resources to characterize the root causes of health disparities, uncovering a complex web of interconnected and overlapping factors (i.e., biological, behavioral, environmental, and societal). As an important next step, research is needed that capitalizes upon knowledge about causal pathways to directly and demonstrably contribute to the reduction of health disparities. The purpose of this FOA is to encourage health services research that can directly contribute to the improvement of minority health and/or the reduction of health disparities, while taking into consideration the interaction between system-level healthcare, individual clinical care and social determinants of health, including the role of structural systemic factors, place and neighborhood factors. The focus of this FOA is on all services provided in the healthcare setting where individuals from health disparity populations seek care with a clinician for preventive services, chronic disease management, urgent symptomatic care, emergency care, and hospital care. Applications are due by 5:00 PM local time of the applicant on November 17, 2021. [Read more information.](#)

NIH: Research Supplements to Promote Diversity in Health-Related Research (Admin Supp - Clinical Trial Not Allowed)**PA-18-906****Application Submission Deadline: NIH Institutes and Centers (ICs) dependent**

The National Institutes of Health (NIH) and the Center for Disease Control and Prevention hereby notify Program Director(s)/Principal Investigator(s) (PD(s)/PI(s)) holding specific types of research grants that funds are available for administrative supplements to improve the diversity of the research workforce by recruiting and supporting students, postdoctorates, and eligible investigators from diverse backgrounds, including those from groups that have been shown to be underrepresented in health-related research. This supplement opportunity is also available to PD(s)/PI(s) of research grants who are or become disabled and need additional support to accommodate their disability in order to continue to work on the research project. Administrative supplements must support work within the scope of the original project. This Funding Opportunity Announcement (FOA) is designed specifically for applicants proposing research that does not involve leading an independent clinical trial, a clinical trial feasibility study, or an ancillary clinical trial. Applicants to this FOA are permitted to propose research experience in a clinical trial led by a mentor or co-mentor. The application deadline varies by IC. [See specific deadlines](#) and [read more information](#).

NIMHD: Exploratory/Developmental Research Grant Program (R21 - Clinical Trial Optional)**PAR-20-150****Application Submission Deadline: June 16, 2021**

NIMHD invites applications to support short-term exploratory or developmental research projects that have the potential to break new ground in the fields of minority health and/or health disparities or extend previous discoveries toward new directions or applications that can directly contribute to improving minority health and/or reducing health disparities in the U.S. Applications are due by June 16, 2021. [Read more information.](#)

NIJ: Research and Evaluation on Violence Against Women, Fiscal Year 2021**O-NIJ-2021-45009****Application Submission Deadline: April 13, 2021**

With this solicitation, the National Institute of Justice, NIJ, seeks proposals for rigorous research and evaluation projects to support the development of objective and independent knowledge and validated tools to reduce violence against women (VAW) (including violence against elderly women and American Indian and Alaska Native women and girls[1]), promote justice for victims of crime, and enhance criminal justice responses. For that reason, this solicitation seeks applications for grant funding to conduct research and evaluation projects examining a broad range of topics, including the crimes of domestic and family violence, homicide, intimate partner and dating violence, rape, sexual assault, stalking, and sex trafficking, along with the associated criminal justice system response, procedures, and policies. In Fiscal Year (FY) 2021, NIJ is interested in research responding to the following two priority areas: 1) evaluation research on VAW programs, models, practices and 2) VAW research. Applications are due by April 13, 2021. [Read more information.](#)

NSF: Alliances for Graduate Education and the Professoriate**16-552****Application Submission Deadline: Second Friday in December, Annually**

The Alliances for Graduate Education and the Professoriate (AGEP) program seeks to advance knowledge about models to improve pathways to the professoriate and success for historically underrepresented minority doctoral students, postdoctoral fellows and faculty, particularly African Americans, Hispanic Americans, American Indians, Alaska Natives, Native Hawaiians, and Native Pacific Islanders, in specific STEM disciplines and/or STEM education research fields. New and innovative models are encouraged, as are models that reproduce and/or replicate existing evidence-based alliances in significantly different disciplines, institutions, and participant cohorts. The AGEP program goal is to increase the number

of historically underrepresented minority faculty, in specific STEM disciplines and STEM education research fields, by advancing knowledge about pathways to career success. The program objectives include: To support the development, implementation and study of innovative models of doctoral education, postdoctoral training, and faculty advancement for historically underrepresented minorities in specific STEM disciplines and/or STEM education research fields; and to advance knowledge about the underlying issues, policies and practices that have an impact on the participation, transitions and advancement of historically underrepresented minorities in the STEM academy. Applications are due by the second Friday in December, annually. [Read more information.](#)

SEXUAL AND GENDER MINORITIES

New NIH: Fogarty Global Trauma and Injury Research Training Program (D43 Clinical Trial Optional) RFA-TW-21-003

Application Submission Deadline: April 16, 2021

The participating NIH institutes and centers for this FOA are: the Fogarty International Center (FIC), the National Institute of Neurological Disorders and Stroke (NINDS), and the Office of Research on Women's Health (ORWH). The overall objective of this Funding Opportunity Announcement (FOA) is to strengthen trauma and injury research capacity at academic institutions in low- and middle-income countries (LMICs) through support for research training programs. Research training and capacity training programs should: 1) provide in depth training in research design, methods, and analytic techniques appropriate for trauma and injury research; 2) support trainees to conduct mentored research using state-of-the-art methods; 3) provide training in scientific presentation and publication; 4) support trainees to obtain advanced degrees (Master's or Ph.D.) in trauma and injury research; and 5) support research faculty/mentors to strengthen trauma and injury research capacity at LMIC institutions, and to contribute to national and global trauma and injury research initiatives and networks. Examples of research training areas include prevention and care of injuries specific to girls and women and gender-based violence prevention and intervention. This Funding Opportunity Announcement (FOA) allows trainees to propose to serve as the lead investigator of an independent clinical trial; or proposing a separate ancillary clinical trial; or proposing to gain research experience in a clinical trial led by another investigator, as part of their research and career development. Applications are due by 5:00 PM local time of applicant organization on April 16, 2021. [Read more information.](#)

SOCIAL PSYCHOLOGY

New NIMH: Development of Psychosocial Therapeutic and Preventive Interventions for Mental Disorders (R33 Clinical Trial Required) PAR-21-134

Application Submission Deadline: June 15, 2021

The National Institute of Mental Health (NIMH) solicits clinical trial applications through a series of Funding Opportunity Announcements (FOAs) that cover the intervention development pipeline, from first-in-human, early testing of new interventions, confirmatory efficacy trials, through to effectiveness trials. The purpose of this FOA is to encourage pilot research developing and testing innovative psychosocial intervention approaches in which the target and/or intervention strategy is novel. Consistent with NIMH's experimental therapeutics approach, this FOA is intended to speed the translation of emergent research on mechanisms and processes underlying mental disorders into promising novel psychosocial preventative or therapeutic interventions. Targets may include, but are not limited to, potentially modifiable behavioral, cognitive, affective and/or interpersonal factors or processes, neural circuits or neural activity subserving specific behaviors or cognitive processes, and/or other neurobiological mechanisms. Novel psychosocial intervention strategies might include in-person or technology-assisted delivery, provided the target and/or the intervention strategy is novel. They may also be standalone interventions or augmentations of efficacious interventions for which there is an empirical rationale by which the augmentation (and corresponding target) is expected to substantially enhance outcomes. Support will be provided for up to 3 years for studies to replicate previous target engagement findings, and to relate change in the intervention target/mechanism to clinical benefit. Ultimately, trials must be designed so that results, whether positive or negative, will provide information of high scientific utility and will support "go/no-go" decisions about further development and/or testing of the intervention. This FOA is designed for applicants seeking to fund pilot stages of research. Applicants pursuing other stages of the clinical trial pipeline should consider one of the companion FOAs listed on the site. Applications are due by 5:00 PM local time of applicant organization on June 15, 2021. [Read more information.](#)

NSF: Social Psychology

NSF 98-1332

Application Submission Deadline: January 15 and July 15 annually

The Social Psychology Program at NSF supports basic research on human social behavior, including cultural differences and development over the life span. Among the many research topics supported are: attitude formation and change, social cognition, personality processes, interpersonal relations and group processes, the self, emotion, social comparison and social influence, and the psychophysiological and neurophysiological bases of social behavior. The scientific merit of a proposal depends on four important factors: (1) The problems investigated must be theoretically grounded. (2) The research should be based on empirical observation or be subject to empirical validation. (3) The research design must be appropriate to the questions asked. (4) The proposed research must advance basic understanding of social behavior. Grant applications are due by January 15 and July 15 annually. [Read more information.](#)

SOCIOLOGY

NSF: National Science Foundation Sociology Program PD-98-1331

Application Submission Deadline: January 15 and August 15 annually

The Sociology Program supports basic research on all forms of human social organization -- societies, institutions, groups and demography -- and processes of individual and institutional change. The Program encourages theoretically focused empirical investigations aimed at improving the explanation of fundamental social processes. Included is research on organizations and organizational behavior, population dynamics, social movements, social groups, labor force participation, stratification and mobility, family, social networks, socialization, gender roles, and the sociology of science and technology. The Program supports both original data collections and secondary data analysis that use the full range of quantitative and qualitative methodological tools. Theoretically grounded projects that offer methodological innovations and improvements for data collection and analysis are also welcomed. Applications are due on January 15 and August 15 annually. [Read more information.](#)

NSF: Human Networks and Data Science (HNDS) NSF 21-514

Application Submission Deadline: First Thursday in February, Annually

The Human Networks and Data Science program (HNDS) supports research that enhances understanding of human behavior and how humans interact with and are influenced by their environments by leveraging data science and network science research across a broad range of topics. HNDS research will identify ways in which dynamic, distributed, and heterogeneous data can provide novel answers to fundamental questions about individual and group behavior. HNDS is especially interested in proposals that provide data-rich insights about human networks to support improved health, prosperity, and security. The HNDS program offers two tracks: one for infrastructure projects and one for core research activities. Infrastructure projects (HNDS-I) will develop user-friendly large-scale next-generation data resources and relevant analytic techniques to advance fundamental research in SBE areas of study. Core research projects (HNDS-R) will address theoretically motivated questions about the nature, causes, and/or consequences of human behavior (broadly defined) that occurs within the multidimensional contexts defined by the networks that determine the human experience, from the biological networks in the human body to the sociocultural, economic and geospatial networks that comprise human societies. All applications are due by 5:00 PM local time of applicant organization on the first Thursday in February, annually. [Read more information.](#)

SUBSTANCE USE AND ABUSE.

NEW CDC: Promoting Population Health through Increased Capacity in Alcohol Epidemiology & the Prevention of Excessive Alcohol Use

CDC-RFA-DP21-2105

Application Submission Deadline: April 26, 2021

CDC announces the availability of fiscal year (FY) 2021 funds to implement CDC-RFA-DP21-2105, Promoting Population Health through Increased Capacity in Alcohol Epidemiology and the Prevention of Excessive Alcohol Use. The purpose of this Notice of Funding Opportunity (NOFO) is to build state capacity in alcohol epidemiology and provide the tools and information needed to perform core public health functions related to excessive alcohol use prevention in states. This increased epidemiologic capacity will help build the public health infrastructure that is needed to reduce excessive alcohol use – a leading preventable cause of death in the U.S. The NOFO includes an additional component for the delivery of expert technical assistance and training on population-level evidence-based strategies for preventing excessive alcohol use and related harms in states and communities, such as those recommended by the Community Preventive Services Task Force. Applications are due by April 26, 2021. [Read more information.](#)

NEW FDA: Data Standards for Tobacco Research and Scientific Review Program (U24) Clinical Trial Not Allowed RFA-FD-22-002

The FDA Center for Tobacco Products is encouraging applications for projects to expedite development of data standards and terminologies to facilitate tobacco research, scientific review, harm reduction, and information exchange. The primary objective is to facilitate the development of non-proprietary, consensus-based, standards for use in studies of tobacco products. Projects may focus on solutions to general data standards development and implementation challenges and/or on specific concepts, domains or areas where standardization is needed. Applications are due by 11:59 PM Eastern Time on June 1, 2021. [Read more information.](#)

NIAAA: SARS-CoV-2, COVID-19 and Consequences of Alcohol Use (R01 Clinical Trial Not Allowed); (R03 Clinical Trial Not Allowed); (R21 Clinical Trial Not Allowed)

RFA-AA-21-002; RFA-AA-21-003; RFA-AA-21-004

Application Submission Deadline: April 14, 2021

This Funding Opportunity Announcement (FOA) will support research grants to address urgent, time-sensitive research questions on the relationships between alcohol consumption and COVID-19 related outcomes and consequences. The principal area of focus is research that can improve public health in the near term by informing responses to the current COVID-19 pandemic, in view of 1) the impact of alcohol misuse on incidence and severity of COVID-19 disease or 2) the effect of the COVID-19 disease and pandemic-induced restrictions on alcohol use and alcohol use disorder (AUD). Time-sensitive applications for which standard NIH review and funding timelines would compromise either the ability to conduct the research or the value of the knowledge and with the potential to inform responses to the current pandemic will be considered. Applications to RFA-AA-21-002 should be accomplished within a three-year project duration. The RFA-AA-21-003 FOA uses the R03 mechanism, which is intended to support research projects that can be carried out in a short period of time with limited resources and that may provide preliminary data to support a subsequent R01, or equivalent, application. The RFA-AA-21-004 FOA uses the R21 grant mechanism, which is intended to support investigation of novel scientific ideas or new model systems, tools, or technologies that have the potential for significant impact on biomedical or biobehavioral research. Read more information: [RFA-AA-21-002](#); [RFA-AA-21-003](#); [RFA-AA-21-004](#).

NIAAA Resource-Related Research Projects (R24 Clinical Trial Not Allowed)

PAR-21-072

Application Submission Deadline: May 25, 2021

The purpose of the Resource-Related Research Projects (R24) grant provided by the National Institute on Alcohol Abuse and Alcoholism (NIAAA) is to support investigator-initiated resources designed to provide materials and services to support and advance biomedical research on a national basis. An R24 resource grant mechanism is a non-hypothesis-driven activity to provide data, materials, tools, or services that are essential to making timely, high quality, and cost-efficient progress in a field. Hypothesis-driven research applications should not be submitted in response to this program announcement but to another mechanism that encourages this type of research. The resource should be available to any qualified investigator, and should be highly quality controlled, and not duplicate resources available commercially or through other sources. Resources should be designed to provide services to the broad alcohol research community and should not be limited by any specific regional focus. Applications are due by 5:00 PM local time of applicant organization on May 25, 2021. [Read more information.](#)

NIAAA Prevention and Intervention Approaches for Fetal Alcohol Spectrum Disorders (R34 Clinical Trial Optional; R61/R33 Clinical Trial Optional)

PAR-21-097; PAR-21-098

Application Submission Deadline: June 17, 2021

This Funding Opportunity Announcement (FOA) focuses on prevention and intervention strategies for fetal alcohol spectrum disorders (FASD) throughout the lifespan. The intent of this FOA is to support research that advances (1) prevention approaches to reduce prenatal alcohol exposure and the incidence of FASD and (2) interventions for FASD. Research conducted via the R34 mechanism will consist of studies that are a pre-requisite for preparing and submitting subsequent applications for larger scale FASD prevention or intervention studies. The R61 phase will support pilot studies or secondary data analysis for hypothesis development and feasibility, and research testing the hypotheses can be expanded in the R33 phase. Applications are due by 5:00 PM local time of applicant organization on June 17, 2021. Read more information: [PAR-21-097](#); [PAR-21-098](#).

NIDA: Mentored Clinical Scientist Development Program Award in Substance Use and Substance Use Disorder Research (K12 Clinical Trial Optional)

PAR-20-249

Application Submission Deadline: August 2, 2021

This funding opportunity announcement (FOA) encourages applications for institutional research career development (K12) programs that propose to support intensive supervised research and career development experiences for clinician scientists (Scholars) leading to research independence in the area of substance use and substance use disorder

research. For this FOA, clinician scientists may include (but are not limited to) physicians, clinical psychologists, epidemiologists, doctoral level social workers, pharmacists, and behavioral scientists. Scholars are expected to be supported for 3-5 years on consecutive 12-month appointments. Candidates selected for support as scholars must hold a doctorate and commit a minimum of 9 person months (equivalent to 75% of full-time professional effort) to conducting clinical research and career development activities associated with the proposed program. Applications are due by August 2, 2021. [Read more information](#).

**NIDA: Behavioral Science Track Award for Rapid Transition (B/Start)(R03 Clinical Trial Optional)
PAR-19-310**

Application Submission Deadline: June 16, 2021

This Funding Opportunity from the National Institute on Drug Abuse (NIDA) will use a NIH Small Research Grant (R03) award mechanism to support studies that apply affective, cognitive and behavioral science approaches to research questions relevant to substance use disorders (SUD). With this R03 mechanism, NIDA aims to seed innovative affective, cognitive and behavioral hypotheses, models, and methods in preclinical and clinical SUD research. The B/START R03 is intended for recently-independent investigators with expertise in behavioral science as well as established investigators who are using behavioral science approaches to SUD for the first time. Studies supported by B/START are expected to produce a coherent set of preliminary findings that would inform the design of a more complete study and serve as preliminary data supporting feasibility or scientific rationale in an R01, R21 or similar application. Applications are due by 5pm local time of applicant organization on June 16, 2021. [Read more information](#).

**NIDA: Small Research Grant Program (R03 Clinical Trial Required)
PA-20-146**

Application Submission Deadline: June 16, 2021

The NIDA Small Research Grant Program supports small clinical trials that can be carried out in a short period of time with limited resources. This program supports different types of projects including pilot, feasibility, or small clinical trials with medications, behavioral interventions, immunotherapies, therapeutic devices, therapeutic digital applications, health services, prevention interventions, biomarkers, and development of research methodology. This Funding Opportunity Announcement requires that a clinical trial be proposed. The proposed project must be related to the programmatic interests of NIDA. Applications are due by June 16, 2021. [Read more information](#).

**NIDA: Substance Use/Substance Use Disorder Dissertation Research Award (R36 - Clinical Trials Optional)
PA-20-208**

Application Submission Deadline: June 16, 2021

The goal of this FOA is to support doctoral candidates from a variety of academic disciplines for up to two years for the completion of the doctoral dissertation research project. Research projects should align with NIDA funding priorities or within the NIDA Strategic Plan. 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. Applications are due by 5pm local time of applicant organization on June 16, 2021. [Read more information](#)

**NIDA: Exploratory Studies to Investigate Mechanisms of HIV Infection, Replication, Latency, and/or Pathogenesis in the Context of Substance Use Disorders (R61/R33 - Clinical Trial Not Allowed)
RFA-DA-22-004**

Application Submission Deadline: July 14, 2021

The purpose of this FOA is to support exploratory studies developing or using novel tools or technologies or testing novel hypotheses to investigate mechanistic questions in HIV infection, replication, latency, and/or pathogenesis (including neuroHIV) in the context of Substance Use Disorders (SUDs). This initiative focuses on exploration and characterization of signaling pathways that are involved in central nervous system (CNS) HIV establishment and expansion. The FOA aims to promote research to investigate the underlying molecular mechanisms by which HIV infection is initiated, established, and maintained in the CNS and to determine how addictive substances modulate HIV infection, latency and the size and persistence of CNS HIV reservoirs. [Read more information](#).

**NIDA: Research Education Program for Clinical Researchers and Clinicians (R25 Clinical Trial Not Allowed)
PAR-19-258**

Application Submission Deadline: August 10, 2021

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The over-arching goal of this NIDA 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. This FOA is intended to support research education activities that enhance the knowledge of substance use (SU) and substance use disorder (SUD) research. The program is intended for those in clinically focused careers and/or those training for careers as

clinicians/health service providers, clinical researchers, or optimally a combination of the two. This mechanism may not be used to support non-research-related clinical training. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on Courses for Skills Development and Research Experiences. The proposed research education programs must include both courses for skills development and research experiences with primary emphasis on research experiences. Proposed courses should be developed in conjunction with and support research experiences to enhance skills development. Letters of intent are due 30 days prior to the application due date. Applications are due by August 10, 2021. [Read more information.](#)

NIDA: High-throughput Discovery and Validation of Novel Signal Transducers or Small Molecules that Modulate Opioid or other Substance Use Disorder Relevant Pathways (R01 - Clinical Trials Not Allowed)

RFA-DA-22-006

Application Submission Deadline: September 15, 2021

This FOA will support high-throughput screening approaches to identify novel receptors, signal transducers, or small molecules that modulate Substance Use Disorder (SUD)-relevant signal transduction pathways (dopamine, opioid, cannabinoid, nicotinic, or other appropriately justified pathway). Applicants may also propose secondary screens and/or validation of high value identified targets. [Read more information.](#)

NIDA: Research Center of Excellence Grant Program (P50 Clinical Trial Optional)

PAR-19-259

Application Submission Deadline: September 25, 2021

This Funding Opportunity Announcement (FOA) is to provide support for research Centers that (1) conduct drug abuse and addiction research in any area of NIDA's mission, (2) have outstanding innovative science, (3) are multidisciplinary, thematically integrated, synergistic, and (4) serve as national resource(s) to provide educational and outreach activities to drug abuse research communities, educational organizations, the general public, and policy makers in the NIDA research fields. It is expected that a Center will transform knowledge in the sciences it is studying. Incremental work should not be the focus of Center activities; rather, new and creative directions are required. The P50 Center of Excellence is expected to foster the career development and mentoring of new investigators who would be given meaningful roles to play in the Center projects. A goal of this program is to create NIDA Centers that are national community resources for furthering drug abuse research by sharing their findings, their data, and their resources as appropriate for researchers to use and build upon and to advance research in this field. Letters of intent are due 30 days prior to the application due date. Applications are due by September 25, 2021. [Read more information.](#)

NEW NIDA: Advancing Technologies to Improve Delivery of Pharmacological, Gene Editing, and Other Cargoes for HIV and SUD Mechanistic or Therapeutic Research (R01- Clinical Trial Optional)

RFA-DA-22-010

Application Submission Deadline: October 25, 2021

The purpose of this funding opportunity is to develop technologies to improve the delivery of pharmacological, gene editing, or other cargoes for HIV and substance use disorder (SUD) mechanistic research. Current anti-retroviral therapies also have problems with drug toxicity, bioavailability, and have not been formulated for sustained release. Long term sustained delivery is needed among people with substance use disorders where compliance with an anti-retroviral therapy regimen may be problematic. To address these issues the development of improved reagents or technologies to enable targeted delivery of reagents (e.g. small molecules, biologics, gene editing reagents, etc.) to particular CNS regions or cell types is of great interest. Applications are due by 5:00 PM local time of applicant organization on October 25, 2021. [Read more information.](#)

NEW NIH: Firearm Injury and Mortality Prevention Research (R21/R33 Clinical Trial Optional); (R01 Clinical Trial Optional)

PAR-21-191; PAR-21-192

Application Submission Deadline: April 30, 2021

Nearly 40,000 people in the U.S. die from firearm-related deaths each year, primarily from suicide (60%) or homicide (37%), and many more have experienced non-fatal firearm injuries, both intentional and nonintentional. When firearms are involved with violent events (including suicide, intimate partner violence, child or elder maltreatment, youth and gang related violence, sexual assault, and hate crimes), the risk for injury and mortality increases. The Joint Explanatory Statement accompanying the Consolidated Appropriations Act, 2021 (Public Law 116-260) included funding for the NIH to conduct research on firearm injury and mortality prevention and recommended that NIH take a comprehensive approach to studying the underlying causes and evidence-based methods of prevention of firearm injury, including crime prevention. Within the legislative mandates and limitations of NIH funding (NOT-OD-21-058, NOT-OD-21-056), the NIH encourages research to improve understanding of the determinants of firearm injury, the identification of those at risk of firearm injury (including both victims and perpetrators), the development and piloting of innovative interventions to prevent firearm injury

and mortality, and the examination of approaches to improve the implementation of existing, evidence-based interventions to prevent firearm injury and mortality. The research scope includes improving understanding of developmental, situational, structural and contextual factors associated with firearm injury and mortality that extends individual risk assessment to include factors related to the specific incident (e.g. concurrent use of alcohol or substances) as well as other potential contextual influences (e.g., current social and public health crises). Applications are due by 5:00 PM local time of applicant organization on [April 30, 2021](#). Read more information: [PAR-21-191](#), [PAR-21-192](#).

NIH: Integrative Neuroscience Initiative on Alcoholism (INIA) Consortia (U01 Clinical Trial Optional) (U24 Clinical Trial Optional)

RFA-AA-20-013; RFA-AA-20-012

Application Submission Deadline: May 26, 2021

The National Institute on Alcohol Abuse and Alcoholism (NIAAA) seeks to continue the Integrative Neuroscience Initiative on Alcoholism (INIA), a translational, multidisciplinary, collaborative research effort studying brain mechanisms of excessive alcohol drinking associated with alcohol use disorder (AUD). The research focus includes mechanisms behind changes in the brain that result from excessive alcohol use and are associated with the development of AUD, brain changes that result in excessive use that is then correlated with AUD, and also the relationship between excessive drinking, stress, and anxiety. The primary goal of INIA is to identify brain adaptations at multiple levels of analysis that result in excessive alcohol consumption. Each consortium supported under this initiative will integrate analysis at the molecular, cellular, extracellular, synaptic, physiological and behavioral level. INIA has also helped to define factors that contribute to an individual's risk for the development of AUD and has identified novel targets for therapeutic intervention including medications. The linked set of FOAs will support two consortia each comprised of an administrative core, multiple component projects (this FOA) and relevant scientific resource cores as needed. Applications are due by 5:00 PM local time of applicant organization on [May 26, 2021](#). Read more information: [U01](#), [U24](#)

NIH: Accelerating the Pace of Drug Abuse Research Using Existing Data (R01 Clinical Trial Optional)

PAR-19-368

Application Submission Deadline: June 5, 2021

The purpose of this Funding Opportunity Announcement (FOA) is to invite applications proposing innovative analysis of existing social science, behavioral, administrative, and neuroimaging data to study the etiology and epidemiology of substance using behaviors (defined as alcohol, tobacco, prescription and other substances) and related disorders, prevention of substance use and HIV, and health service utilization. This FOA encourages the analyses of public use and other extant community-based or clinical datasets to their full potential in order to increase our knowledge of etiology, trajectories of substance using behaviors and their consequences including morbidity and mortality, risk and resilience in the development of psychopathology, strategies to guide the development, testing, implementation, and delivery of high quality, effective and efficient services for the prevention and treatment of substance use disorder and HIV. Applications are due by [June 5, 2021](#). [Read more information](#).

NIH: Alcohol and Other Drug Interactions: Unintentional Injuries and Overdoses: Epidemiology and Prevention (R01 - Clinical Trial Optional), (R03 - Clinical Trial Optional), (R21 - Clinical Trial Optional)

PA-18-861, PA-18-862, PA-18-863

Application Submission Deadline: June 5, 2021 (R01), June 16, 2021 (R03, R21)

The purpose of this funding announcement (FOA) issued by the National Institute on Alcohol Abuse and Alcoholism (NIAAA) of the National Institutes of Health (NIH) is to encourage research grant applications that explore whether and how alcohol and other illicit drugs or illicitly used prescription drugs interact to contribute to unintentional injuries and poisonings and how to prevent and/or reduce simultaneous use of alcohol or drugs singly or in combination. Applications are due by 5pm local time of applicant organization by [June 5, 2021](#) ([R01](#)) and [June 16, 2021](#) ([R03](#), [R21](#)).

NIH: Electronic Nicotine Delivery Systems (ENDS): Population, Clinical and Applied Prevention Research (R01 – Clinical Trial Optional) (R21 – Clinical Trial Optional)

PAR-18-847, PAR-18-848

Application Submission Deadline: June 15, 2021 (R01); June 25, 2021 (R21)

The purpose of this funding opportunity announcement is to support studies on electronic nicotine delivery systems (ENDS) that examine population-based, clinical and applied prevention of disease, including etiology of use, epidemiology of use, potential risks, benefits and impacts on other tobacco use behavior among different populations. Applications are due by 5pm local time of applicant organization by [June 15, 2021](#) ([R01](#)) and [June 25, 2021](#) ([R21](#)). Read more information: [R01](#), [R21](#).

NIH: Multi-Site Studies for System-Level Implementation of Substance Use Prevention and Treatment Services (R01 Clinical Trial Optional; R01 Clinical Trial Optional)

PAR-21-022; PAR-21-023

Application Submission Deadline: July 19, 2021

As part of the Collaborative Research on Addiction at NIH (CRAN) initiative, the National Institute on Drug Abuse (NIDA), the National Institute on Alcohol Abuse and Alcoholism (NIAAA), and the National Cancer Institute (NCI) join to issue this FOA. The purpose of this FOA is to support the development and testing of implementation strategies to achieve system-level adoption of evidence-based interventions, guidelines, or practices to improve the delivery, quality, and sustainability of prevention or treatment services for substance use disorders. This FOA seeks research projects that will test implementation strategies intended to achieve system-wide integration of evidence-based practices (interventions, guidelines, or service delivery models) to prevent or treat substance use disorders (broadly defined to include alcohol, tobacco and other drugs, as well as prescription medications). Areas of interest also include implementation of guidelines related to the appropriate use of opioids for pain management in individuals with or at risk for opioid use disorder. All applications are due by 5:00 PM local time of applicant organization on July 19, 2021. Read more information: [PAR-21-022](#); [PAR-21-023](#)

NIH: Providing Research Education Experiences to Enhance Diversity in the Next Generation of Substance Use and Addiction Scientists (R25 Clinical Trials Not Allowed)**PAR-20-236****Application Submission Deadline: August 10, 2021**

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The overarching goal of this R25 program is to support educational activities that encourage individuals from diverse backgrounds, including those from groups underrepresented in the biomedical and behavioral sciences, to pursue further studies or careers in research. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on: Research Experiences and Courses for Skills Development. Applications are due by 5:00 PM local time of applicant organization on August 10, 2021. [Read more information.](#)

new NIH: Secondary Analyses of Existing Datasets of Tobacco Use and Health (R21 Clinical Trial Not Allowed) RFA-OD-21-003**Application Submission Deadline: October 8, 2021**

The purpose of this Funding Opportunity Announcement (FOA) is to invite R21 applications proposing the innovative analysis of existing (publicly available) nationally representative U.S. cross-sectional and longitudinal data, including the National Youth Tobacco Survey (NYTS), 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). Other publicly available data sets would be considered depending on the analyses to be conducted; however, nationally representative analyses will receive priority. Applications not using nationally representative data sets will need to provide justification why the data set is unique, and why the research questions cannot be answered from a (publicly available) nationally representative data set. This FOA encourages the analyses of public use datasets that may inform tobacco regulatory actions in the United States (U.S.). The awards under this FOA will be administered by NIH using funds that have been made available through FDA-CTP and the Family Smoking Prevention and Tobacco Control Act (P.L. 111-31). 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. Research Projects must address the research priorities related to the regulatory authority of the Food and Drug Administration (FDA) - Center for Tobacco Products (CTP). Applications are due by 5:00 PM local time of applicant organization on October 8, 2021. [Read more information.](#)