



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

March 2020

Highlights –

This month's FFO highlights five different funding opportunity announcements (FOA). The first is an [ACF funding opportunity](#) for Behavioral Interventions Scholars grants to support dissertation research by advanced graduate students who are using approaches grounded in behavioral science or behavioral economics to examine specific research questions of relevance to social services programs and policies. Applications are due by June 1, 2020. Second, is an [ED funding opportunity](#) for projects that will provide support to professionals to collaborate with early learning and early intervention programs, schools, districts, and state agencies to establish the infrastructure, personnel skills, and processes necessary for an effective and sustainable coaching system. Applications are due by May 4, 2020. Third, is a [CDC funding opportunity](#) for research to help inform the development of innovative and promising opportunities to enhance safety and prevent firearm-related injuries, deaths, and crime, and rigorously evaluate the effectiveness of strategies to keep individuals, families, schools, and communities safe. Applications are due by May 5, 2020. Fourth, is a [NIH funding opportunity](#) for research to improve the understanding of the determinants of firearm injury, the identification of those at risk of firearm injury, the development and evaluation 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. Applications are due by May 15, 2020. The fifth is another [NIH funding opportunity](#) supporting domestic institutions to enhance predoctoral and postdoctoral 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. Applications are due by May 25, 2020.

Table of Contents

CAREER DEVELOPMENT AND RECOGNITION.....	3
SCIENTIFIC WORKFORCE DIVERSITY	10
GENERAL FUNDING MECHANISMS.....	13
BY TOPIC	15
ADOLESCENCE	15
ADVERSE EXPERIENCES	17
BEHAVIOR.....	17
BRAIN FUNCTION AND DEVELOPMENT; NEUROBIOLOGY	20
COGNITIVE DEVELOPMENT AND LEARNING SCIENCES.....	23
DATA SHARING AND TRANSLATION.....	23
DEVELOPMENTAL DISABILITIES.....	24
DIVERSE DEVELOPMENTAL CONTEXTS	26
EDUCATION	27
HEALTH.....	28
HIV/AIDS.....	32
INFANTS.....	34
JUVENILE JUSTICE	34

MATERNAL AND CHILD HEALTH	35
MENTAL HEALTH AND ILLNESS	36
METHODOLOGY AND MEASUREMENT	38
NUTRITION	39
POLICY	40
PUBLIC HEALTH.....	41
SCHOOL SAFETY	43
SEXUAL AND GENDER IDENTITY EXPRESSION	44
SOCIAL PSYCHOLOGY	44
SOCIOLOGY	44
SUBSTANCE USE AND ABUSE.....	44
TECHNOLOGY	47

CAREER DEVELOPMENT AND RECOGNITION

AHRQ: Mentored Research Scientist Career Development Award (K01) PA-20-067

Application Submission Deadline: June 12, 2020

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, 2020. [Read more information.](#)

new ACF: Behavioral Interventions Scholars HHS-2020-ACF-OPRE-PD-1824

Application Submission Deadline: June 1, 2020

The Administration for Children and Families (ACF), Office of Planning, Research, and Evaluation (OPRE) anticipates soliciting applications for Behavioral Interventions Scholars grants to support dissertation research by advanced graduate students who are using approaches grounded in behavioral science or behavioral economics to examine specific research questions of relevance to social services programs and policies. These grants are meant to build capacity in the research field to apply a behavioral science or behavioral economics lens to issues facing poor and vulnerable families in the United States, and to foster mentoring relationships between faculty members and high-quality doctoral students. Applicants will be required to demonstrate how their research is grounded in behavioral economics/behavioral science and the applicability of their research to practice or policy serving low-income children, adults, and families, especially those that seek to improve their well-being. Applications are due by June 1, 2020. [Read more information.](#)

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

Application Submission Deadline: May 7, 2020

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, 2020. [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, 2020

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, 2020. [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, 2020

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, 2020. [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 5, 2020

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, 2020. [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 10, 2020

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, 2020. [RFA-NS-19-043](#); [RFA-NS-19-044](#).

NIH: Independent Scientist Award (Parent K02 Independent Basic Experimental Studies with Humans Required) PA-19-085

Application Submission Deadline: June 12, 2020

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. 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, 2020. [Read more information](#).

NIH: Independent Scientist Award (Parent K02 - Independent Clinical Trial Required) (Parent K02 - Independent Clinical Trial Not Allowed)

PA-19-131; PA-19-132

Application Submission Deadline: June 12, 2020

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. Applications are due by 5pm of local time of applicant organization on June 12, 2020. Read more information: [PA-19-131](#); [PA-19-132](#).

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 26, 2020

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 26, 2020. [Read more information](#).

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

PA-19-086

Application Submission Deadline: June 12, 2020

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, 2020. [Read more information](#).

NIH: Mentored Clinical Scientist Research Career Development Award (Parent K08 Independent Clinical Trial Required) (Parent K08 Independent Clinical Trial Not Allowed)

PA-19-116; PA-19-117

Application Submission Deadline: June 12, 2020

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. Applications are due by 5pm local time of applicant organization on June 12, 2020. Read more information: [PA-19-116](#); [PA-19-117](#).

NIH: Mentored Quantitative Research Career Development Award (Parent K25 Independent Basic Experimental Studies with Humans Required)

PA-19-089

Application Submission Deadline: June 12, 2020

The purpose of the Mentored Quantitative Research Career Development Award (K25) is to attract to NIH-relevant research those investigators whose quantitative science and engineering research has thus far not been focused primarily on questions of health and disease. The K25 award will provide support and "protected time" for a period of supervised study and research for productive professionals with quantitative (e.g., mathematics, statistics, economics, computer science, imaging science, informatics, physics, chemistry) and engineering backgrounds to integrate their expertise with NIH-relevant research. 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, 2020. [Read more information](#).

NIH: Midcareer Investigator Award in Patient-Oriented Research (Parent K24 Independent Clinical Trial Required) (Parent K24 Independent Clinical Trial Not Allowed)

PA-19-121; PA-19-122

Application Submission Deadline: June 12, 2020

The purpose of the NIH Midcareer Investigator Award in Patient-Oriented Research (K24) is to provide support to mid-career health-professional doctorates for protected time to devote to patient-oriented research (POR) and to act as research mentors primarily for clinical residents, clinical fellows and/or junior clinical faculty. Applications are due by 5pm local time of applicant organization on June 12, 2020. Read more information: [PA-19-121](#); [PA-19-122](#).

NIH: NIDCD Research Career Enhancement Award for Established Investigators (K18 Independent Basic Experimental Studies with Humans Required)

PAR-19-143

Application Submission Deadline: June 8, 2020

The purpose of the NIDCD Research Career Enhancement Award for Established Investigators (K18) program is to enable established, proven investigators to augment or redirect their research programs through the acquisition of new research skills to answer questions relevant to the hearing, balance, smell, taste, voice, speech and language sciences. 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 8, 2020](#). [Read more information](#).

NIH: 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, 2020

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, 2020](#). [Read more information](#).

NIH: 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, 2020

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, 2020](#). [Read more information](#).

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

PAR-19-286

Application Submission Deadline October 2, 2020

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 2, 2020](#). [Read more information](#).

NIH: NINDS Research Education Opportunities (R25 Clinical Trial Not Allowed)

PAR-18-782**Application Submission Deadline: August 27, 2020**

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The over-arching goal of this NINDS 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. The purpose of this funding opportunity announcement is to encourage applications for the initiation or continuation of nationally-available neuroscience research education programs that will significantly advance the mission of NINDS. The primary focus of programs submitted under this FOA should be on intensive hands-on experience that will provide research experience, an in depth understanding of techniques and analytic approaches and expertise that is only possible with a nationally-organized program. Within the context of gaining expertise primarily through hands-on experience, programs may include immersive coursework and expert discussion when appropriate. Programs appropriate for this FOA must include participants from a nationally recruited cohort, selected through an application process by a well-balanced leadership committee. Letters of intent are due 30 days prior to the application deadline. Applications are due by 5:00pm local time of applicant organization on August 27, 2020. [Read for more information](#).

NIH: Pathway to Independence Award (Parent K99/R00 Independent Basic Experimental Studies with Humans Required)**PA-19-090****Application Submission Deadline: June 12, 2020**

The purpose of the NIH Pathway to Independence Award (K99/R00) program is to increase and maintain a strong cohort of new and talented, NIH-supported, independent investigators. 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. 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, 2020. [Read more information](#).

NIH: Pathway to Independence Award (Parent K99/R00 Independent Clinical Trial Required) (Parent K99/R00 - Independent Clinical Trial Not Allowed)**PA-19-129; PA-19-130****Application Submission Deadline: June 12, 2020**

The purpose of the NIH Pathway to Independence Award (K99/R00) program is to increase and maintain a strong cohort of new and talented, NIH-supported, independent investigators. 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 5pm local time of applicant organization on June 12, 2020. Read more information: [PA-19-129](#); [PA-19-130](#).

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, 2020**

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, 2020. Read more information: [PAR-19-134](#); [PAR-19-135](#).

NIH: Ruth L. Kirschstein National Research Service Award (NRSA) Individual Predoctoral Fellowship (Parent F31) PA-19-195

Application Submission Deadline: April 8, 2020

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 applicant'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 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, but does allow applicants to propose research experience in a clinical trial led by a sponsor or co-sponsor. Applications are due by April 8, 2020. [Read more information.](#)

NIH: Ruth L. Kirschstein National Research Service Award (NRSA) Individual Postdoctoral Fellowship (Parent F32)**PA-19-188****Application Submission Deadline: April 8, 2020**

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 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, but does allow applicants to propose research experience in a clinical trial led by a sponsor or co-sponsor. Applications are due by April 8, 2020. [Read more information.](#)

NIH: Ruth L. Kirschstein National Research Service Award (NRSA) Individual Senior Fellowship (Parent F33)**PA-19-187****Application Submission Deadline: April 8, 2020**

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 study to a clinical trial, but does allow applicants to propose research experience in a clinical trial led by a sponsor or co-sponsor. Applications are due by April 8, 2020. [Read more information.](#)

NIH: Short-term Mentored Career Enhancement Awards in Mobile and Wireless Health Technology and Data Analytics: Cross-Training at the intersection of Behavioral and Social Sciences and STEM Disciplines (K18 Independent Clinical Trial Not Allowed)**PAR-18-881****Application Submission Deadline: July 12, 2020**

The goal of the program is to support the development of research capability in mobile and wireless health technology (e.g., wearable devices, mobile applications, electronic health records, data analytics). Special emphasis will be given to independent behavioral and social sciences investigators who seek to train in a STEM discipline (e.g., big data analysis, computational modeling, engineering, computer science, and mathematics) or to STEM scientists who wish to train in a behavioral and social science discipline. 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. Applicants proposing a clinical trial or an ancillary clinical trial as lead investigator, should apply to the companion FOA (PAR-18-882). Applications are due on July 12, 2020. [Read more information.](#)

NIH: Short-term Mentored Career Enhancement Awards in Mobile and Wireless Health Technology and Data Analytics: Cross-Training at the intersection of Behavioral and Social Sciences and STEM Disciplines (K18 Independent Clinical Trial Required)**PAR-18-882****Application Submission Deadline: July 12, 2020**

The goal of the program is to support the development of research capability in mobile and wireless health technology (e.g., wearable devices, mobile applications, electronic health records, data analytics). Special emphasis will be given to independent behavioral and social sciences investigators who seek to train in a STEM discipline (e.g., big data analysis, computational modeling, engineering, computer science, and mathematics) or to STEM scientists who wish to train in a behavioral and social science discipline. This Funding Opportunity Announcement (FOA) 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. Applicants not planning an independent clinical trial, or proposing to gain research experience in a clinical trial led by another investigator, must apply to companion FOA (PAR-18-881). Applications are due on July 12, 2020. [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 the specific deadlines](#) and [read more information](#).

NIJ: Graduate Research Fellowship

NIJ-2020-17332

Application Submission Deadline: April 15, 2020

The U.S. Department of Justice (DOJ), Office of Justice Programs (OJP), National Institute of Justice (NIJ) is seeking applications for funding innovative doctoral dissertation research that is relevant to preventing and controlling crime, and ensuring the fair and impartial administration of criminal justice in the United States. This program furthers the Department's mission by increasing the pool of researchers who are engaged in providing science-based solutions to problems relevant to criminal and juvenile justice policy and practice in the United States. This integrates into a single solicitation for two previously separate fellowship solicitations in Science, Technology, Engineering, and Mathematics (STEM) and Social and Behavior Sciences (SBS). Applicants considering research in the social and behavioral sciences are encouraged to consult [NIJ's topical research portfolios](#). Applications are due by April 15, 2020. [Read more information](#).

NIMH: Administrative Supplement Program to Enable Continuity of Research Experiences of MD/PhDs during Clinical Training (Admin Supp Clinical Trial Optional)

PA-18-642

Application Submission Deadline: April 1, 2020

The purpose of the NIMH Administrative Supplement Program to Enable Continuity of Research Experiences of MD/PhDs during Clinical Training is to support advanced research opportunities for exceptional individuals holding the MD/PhD degree who are early in their research careers and thereby help these individuals transition efficiently and effectively from the period of clinical training to the next stage of their research careers. This administrative supplement program will provide focused, protected research time for eligible individuals during residency and/or clinical fellowship. The proposed research experience must have the potential to contribute significantly to the candidate's research career. Administrative supplements must support work within the scope of the original project. All applicants are encouraged to discuss potential requests with the NIMH prior to submission. Applications are due by April 1, 2020. [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 7, 2020

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 7, 2020. [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: BCSEER)
NSF 20-521**

Application Submission Deadline: February 28, 2020

ECR's Building Capacity for STEM Education Research (ECR: BCSEER) 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: BCSEER 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: BCSEER 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 February 28, 2020. [Read more information.](#)

**NSF: Faculty Early Career Development Program (CAREER)
NSF 20-525**

Application Submission Deadline: July 27, 2020

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 27, 2020. [Read more information.](#)

**NSF: SBE Postdoctoral Research Fellowships
NSF 16-590**

Application Submission Deadline: Second Monday in October, 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. [Read more information.](#)

SCIENTIFIC WORKFORCE DIVERSITY

**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 10, 2020

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, 2020. [RFA-NS-19-043](#); [RFA-NS-19-044](#).

**NIH: NIGMS Postdoctoral Research Associate Training (PRAT) Program (Fi2)
PAR-19-286**

Application Submission Deadline October 2, 2020

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 2, 2020. [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: Ruth L. Kirschstein National Research Service Award (NRSA) Individual Predoctoral Fellowship to Promote Diversity in Health-Related Research (Parent F31 -Diversity)
PA-19-196**

Application Submission Deadline: April 8, 2020

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, 2020. [Read more information](#).

**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, 2020

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, 2020. [Read more information](#).

NIH: 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, 2020

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, 2020. [Read more information](#).

NIH: 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, 2020

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, 2020. [Read more information](#).

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

PA-20-142

Application Submission Deadline: May 25, 2020

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, 2020. [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 7, 2020

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 7, 2020. [Read more information](#).

NIMHD: Research Centers in Minority Institutions (RCMI) (U54 Clinical Trials Optional)

RFA-MD-20-006

Application Submission Deadline: April 14, 2020

The purpose of the Research Centers in Minority Institutions (RCMI) Program is to expand the national capacity for research in the health sciences by providing cooperative agreement support to institutions that offer doctorate degrees in the health professions or in a health-related science and have a historical and current commitment to educating underrepresented students, and for institutions that deliver health care, and provide clinical services to medically underserved communities. The primary goals of the RCMI specialized centers are to: (1) enhance institutional research capacity to conduct world-class basic biomedical, behavioral, and/or clinical research; (2) enable all levels of investigators to become more successful in obtaining competitive extramural support, especially from NIH, particularly for research on diseases and conditions that disproportionately impact minority and health disparity populations; (3) foster environments conducive to career development and enhancement for post-doctoral fellows, junior faculty, and other early stage investigators; (4) enhance the tools for, conduct of, and dissemination of research generally and specifically for advancing minority health and preventing and eliminating health disparities; and (5) establish sustainable relationships with community-based organizations that will partner with the RCMI Institution. Letters of intent are due 30 days prior to application due date. Applications are due by April 14, 2020. [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: Exploratory/Developmental Research Grant (R21 - Clinical Trial Optional)
PA-18-482**

Application Submission Deadline: June 16, 2020

The NICHD Exploratory/Developmental Grant program supports exploratory and developmental research projects that fall within the NICHD 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 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, 2020. [Read more information](#).

**NICHD: Research Project Grant (R01 - Clinical Trial Required)
PA-18-480**

Application Submission Deadline: June 5, 2020

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 June 5, 2020. [Read more information](#).

**NIDA: Small Research Grant Program (R03 Clinical Trial Required)
PA-18-634**

Application Submission Deadline: June 16, 2020

The NIDA 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 requires that at least 1 clinical trial be proposed. The proposed project must be related to the programmatic interests of NIDA. Applications are due by June 16, 2020. [Read more information](#).

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

PAR-19-345

Application Submission Deadline: May 25, 2020

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, 2020. [Read more information](#).

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

PA-19-053; PA-19-054

Application Submission Deadline: June 16, 2020

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, 2020. Read more information: [PA-19-053](#), [PA-19-054](#).

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

PA-19-092

Application Submission Deadline: June 16, 2020

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, 2020. [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 25, 2020

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 25, 2020. [Read more information](#).

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

PA-19-055, PA-19-056

Application Submission Deadline: June 5, 2020

The NIH Research Project Grant supports a discrete, specified, circumscribed project in areas representing the specific interests and competencies of the investigator(s). 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, 2020. Read more information: [PA-19-055](#), [PA-19-056](#).

**NIH: Research Project Grant (Parent R01 Basic Experimental Studies with Humans Required)
PA-19-091**

Application Submission Deadline: June 5, 2020

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 5, 2020. [Read more information](#).

**new NSF: Request for SBIR/STTR Phase I Proposals Addressing COVID-19
NSF 20-065**

Application Submission Deadline: Rolling Basis

The Division of Innovation and Industrial Partnerships (IIP) of the Engineering Directorate at the National Science Foundation invites U.S.-based small businesses to submit Phase I proposals focused on the development and deployment of new technologies, products, processes, and services with the potential to positively impact the nation’s and world’s ability to respond to the COVID-19 crisis. Areas of research that might be considered include, but are not limited to: artificial intelligence, digital health, diagnostics, distributed ledger, environmental technologies, medical devices, pharmaceutical technologies, disinfection and sterilization, and filtration and separations. Interested proposers are invited to submit to the NSF Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) Phase I Program. Applications will be reviewed on a rolling basis. [Read more information](#).

BY TOPIC

ADOLESCENCE

**HHS: Optimally Change the Map of Teen Pregnancy through Replication of Programs Proven Effective
AH-TP1-20-001**

Application Submission Deadline: April 13, 2020

This FOA solicits applications for Tier 1 projects to replicate effective programs and supportive services proven to improve the optimal health of adolescents and reduce teen pregnancy and sexually transmitted infections (STIs). Tier 1 projects will identify multiple leverage points to maximize impact on promoting optimal health and preventing teen pregnancy and STIs. The primary focus of the Office of the Assistant Secretary for Health is leading America to healthier lives, especially for those who are most vulnerable, including those who have suffered historic disparities. In support of this vision, the Office of Population Affairs promotes health across the reproductive lifespan through innovative, evidence-based adolescent health and family planning programs, services, strategic partnerships, evaluation, and research. The Teen Pregnancy Prevention (TPP) Program is designed to give youth the information and skills to promote optimal health and prevent teen pregnancy across the United States, especially among those who are most vulnerable, including those who have suffered historic disparities. Applications are due by April 13, 2020. [Read more information](#).

**HHS: Teen Pregnancy Prevention (TPP) Tier 2, Phase II Rigorous Evaluation of Promising Interventions
AH-TP2-20-001**

Application Submission Deadline: April 17, 2020

This FOA solicits applications to rigorously evaluate promising interventions that could contribute to adolescent optimal health, prevent teen pregnancy, and reduce sexually transmitted infection (STI) rates. Applicants are expected to evaluate interventions that already have project merit, positive preliminary evidence, readiness, and feasibility. The Tier 2 Phase II FOA continues efforts supported through FY18 and FY2019 Phase I New and Innovative Strategies (Tier 2), but is open to any applicant (not just those previously funded through Phase I) who can meet the FOA expectations. The primary focus of the Office of the Assistant Secretary for Health is leading America to healthier lives, especially for those who are most vulnerable, including those who have suffered historic disparities. In support of this vision, the Office of Population Affairs promotes health across the reproductive lifespan through innovative, evidence-based adolescent health and family planning programs, services, strategic partnerships, evaluation, and research. The Teen Pregnancy Prevention (TPP) Program is designed to give youth the information and skills to promote optimal health and prevent teen pregnancy

across the United States, especially among those who are most vulnerable, including those who have suffered historic disparities. Applications are due by April 17, 2020. [Read more information](#).

HHS: Tier 2 Innovation and Impact Network Grants: Achieving Optimal Health and Preventing Teen Pregnancy in Key Priority Areas

AH-TP2-20-002

Application Submission Deadline: April 17, 2020

This FOA solicits applications for Tier 2 projects to establish and support a multidisciplinary network of partners to develop and test innovative interventions in several priority areas to make an impact on optimal adolescent health, teen pregnancy, and sexually transmitted infection (STI) rate disparities. Priority areas include: 1) juvenile justice, 2) foster care/child welfare, 3) caregivers, 4) expectant and parenting youth, 5) youth with disabilities, 6) youth access to and experience with sexual healthcare, and 7) youth engagement. The primary focus of the Office of the Assistant Secretary for Health is leading America to healthier lives, especially for those who are most vulnerable, including those who have suffered historic disparities. In support of this vision, the Office of Population Affairs promotes health across the reproductive lifespan through innovative, evidence-based adolescent health and family planning programs, services, strategic partnerships, evaluation, and research. The Teen Pregnancy Prevention (TPP) Program is designed to give youth the information and skills to promote optimal health and prevent teen pregnancy across the United States, especially among those who are most vulnerable, including those who have suffered historic disparities. Applications are due by April 17, 2020. [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, 2020 (R01); June 16, 2020 (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, 2020 (R01) and June 16, 2020 (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, 2020 (R01), June 16, 2020 (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, 2020 (R01) and June 16, 2020 (R21).

NIH: Developmentally Tailored HIV Prevention and Care Research for Adolescents and Young Adults (R01 Clinical Trial Optional) (R21 Clinical Trial Optional) (R34 Clinical Trial Optional)

PA-18-651, PA-18-652, PA-18-653

Application Submission Deadline: May 7, 2020

This Funding Opportunity Announcement encourages developmentally tailored research focused on adolescents and emerging adults as it relates to HIV prevention and treatment. Research is encouraged to incorporate recent advances in adolescent and young adult developmental research to better understand HIV prevention and care of this heterogeneous population. Applications are due by May 7, 2020. Read more information: [R01](#), [R21](#), [R34](#).

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, 2020 (R01), June 16, 2020 (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, 2020 (R01) and June 16, 2020 (R21).

NEW 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 31, 2020

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 31, 2020. [Read more information](#).

NIMH: Career Enhancement Award to Advance Autism Services Research for Adults and Transition-Age Youth (K18 Independent Clinical Trial Not Allowed) (K18 Clinical Trial Required)
RFA-MH-20-420; RFA-MH-20-421

Application Submission Deadline: October 15, 2020

This NIMH Research Career Enhancement Award (K18) program invites applications from experienced investigators seeking to redirect or expand their research programs through the acquisition of new skills and knowledge in the area of autism services research for adults and transition-age youth, which is beyond and complementary to their current areas of expertise. The program will support research training and career development experiences and a small-scale research project that will provide experienced investigators with the scientific competencies required to conduct research relevant to services for adults or transition-age youth with Autism Spectrum Disorders (ASD). Eligible candidates are independent investigators at any faculty rank or level. Applications are due by October 15, 2020. Read more information: [RFA-MH-20-420](#); [RFA-MH-20-421](#).

ADVERSE EXPERIENCES

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, 2020 (R01), June 16, 2020 (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, 2020 ([R01](#)) and June 16, 2020 ([R21](#)).

BEHAVIOR

NIH: Exploratory/Developmental Research Grant Program (Parent R21 Basic Experimental Studies with Humans Required)
PA-19-092

Application Submission Deadline: June 16, 2020

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, 2020. [Read more information](#).

NIH: Healthy Habits: Timing for Developing Sustainable Healthy Behaviors in Children and Adolescents (R01 Clinical Trial Optional)

PA-18-355

Application Submission Deadline: June 5, 2020

This Funding Opportunity Announcement (FOA), issued by the National Institute of Nursing Research (NINR), is intended to encourage Research Project Grant (R01) applications that employ innovative research to identify mechanisms of influence and/or promote positive sustainable health behavior(s) in children and youth (birth to age 18). Positive health behaviors may include: developing healthy sleep patterns, developing effective self-regulation strategies, adaptive decision-making in risk situations, practicing proper dental hygiene, eating a balanced and nutritious diet, engaging in age-appropriate physical activity and/or participating in healthy relationships. Applications to promote positive health behavior(s) should target social and cultural contexts, including, but not limited to: schools, families, communities, population, food industry, age-appropriate learning tools and games, social media, social networking, technology and mass media. Topics to be addressed in this announcement include: effective, sustainable processes for influencing young people to make healthy behavior choices; identification of the appropriate stage of influence for learning sustainable lifelong health behaviors; the role of technology and new media in promoting healthy behavior; identification of factors that support healthy behavior development in vulnerable populations; and identification of mechanisms and mediators that are common to the development of a range of habitual health behaviors. Given the many factors involved in developing sustainable health behaviors, applications from multidisciplinary team that include nurse scientists are strongly encouraged. Applications are due by 5pm local time of applicant organization on June 5, 2020. [Read more information](#).

NIH: Healthy Habits: Timing for Developing Sustainable Healthy Behaviors in Children and Adolescents (R21 Clinical Trial Optional)

PA-18-354

Application Submission Deadline: June 16, 2020

This Funding Opportunity Announcement (FOA), issued by the National Institute of Nursing Research (NINR), is to encourage Exploratory/Developmental Research Grant (R21) applications that employ innovative research to identify mechanisms of influence and/or promote positive sustainable health behavior(s) in children and youth (birth to age 18). Positive health behaviors may include: developing healthy sleep patterns, developing effective self-regulation strategies, adaptive decision-making in risk situations, practicing proper dental hygiene, eating a balanced and nutritious diet, engaging in age-appropriate physical activity and/or participating in healthy relationships. Applications to promote positive health behavior(s) should target social and cultural contexts, including, but not limited to: schools, families, communities, population, food industry, age-appropriate learning tools and games, social media, social networking, technology and mass media. Topics to be addressed in this announcement include: effective, sustainable processes for influencing young people to make healthy behavior choices; identification of the appropriate stage of influence for learning sustainable lifelong health behaviors; the role of technology and new media in promoting healthy behavior; identification of factors that support healthy behavior development in vulnerable populations; and, identification of mechanisms and mediators that are common to the development of a range of habitual health behaviors. Given the many factors involved in developing sustainable health behaviors, applications from multidisciplinary teams that include nurse scientists are strongly encouraged. Applications are due by 5pm local time of applicant organization on June 16, 2020. [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, 2020

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, 2020. [Read more information](#).

NIH: Mentored Quantitative Research Development Award (Parent K25 Independent Basic Experimental Studies with Humans Required)

PA-19-089

Application Submission Deadline: June 12, 2020

The purpose of the Mentored Quantitative Research Career Development Award (K25) is to attract to NIH-relevant research those investigators whose quantitative science and engineering research has thus far not been focused primarily on questions of health and disease. The K25 award will provide support and "protected time" for a period of supervised study and research for productive professionals with quantitative (e.g., mathematics, statistics, economics, computer

science, imaging science, informatics, physics, chemistry) and engineering backgrounds to integrate their expertise with NIH-relevant research. 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, 2020. [Read more information](#).

NIH: Pathway to Independence Award (Parent K99/R00 Independent Basic Experimental Studies with Humans Required)
PA-19-090

Application Submission Deadline: June 12, 2020

The purpose of the NIH Pathway to Independence Award (K99/R00) program is to increase and maintain a strong cohort of new and talented, NIH-supported, independent investigators. 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. 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, 2020. [Read more information](#).

NIH: Research on Biopsychosocial Factors of Social Connectedness and Isolation on Health, Well-being, Illness, and Recovery (R01 Basic Experimental Studies with Humans Required)
PAR-19-384

Application Submission Deadline: March 17, 2021

This funding opportunity announcement (FOA) invites research projects that seek to explain the underlying mechanisms, processes, and trajectories of social relationships and how these factors affect outcomes in human health, illness, recovery, and overall well-being. Types of projects submitted under this FOA include studies that prospectively assign human participants to conditions (i.e., experimentally manipulate independent variables) and that assess biomedical and/or behavioral outcomes in humans to understand fundamental aspects of phenomena related to social connectedness and isolatedness. NIH considers such studies as “prospective basic science studies involving human participants” that meet the NIH definition of basic research and fall within the NIH definition of a clinical trials (see, e.g., NOT-OD-19-024) 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 March 17, 2021. [Read more information](#).

NIH: Research on Biopsychosocial Factors of Social Connectedness and Isolation on Health, Well-being, Illness, and Recovery (R01 Clinical Trials Not Allowed)
PAR-19-373

Application Submission Deadline: March 17, 2021

This funding opportunity announcement (FOA) solicits research projects that seek to model the underlying mechanisms, processes, and trajectories of social relationships and how these factors affect outcomes in health, illness, recovery, and overall well-being. Both animal and human subjects research projects are welcome. Researchers proposing basic science experimental studies involving human participants should consider this FOA's companion for basic experimental studies with humans. Applications are due by 5pm local time of applicant organization on March 17, 2021. [Read more information](#).

NIH: Research Project Grant (Parent R01 Basic Experimental Studies with Humans Required)
PA-19-091

Application Submission Deadline: June 5, 2020

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 5, 2020. [Read more information](#).

BRAIN FUNCTION AND DEVELOPMENT; NEUROBIOLOGY

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

Application Submission Deadline: June 16, 2020

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, 2020. [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 10, 2020

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, 2020. [RFA-NS-19-043](#); [RFA-NS-19-044](#).

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, 2020

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, 2020. [Read more information](#).

NIH: BRAIN Initiative: Integration and Analysis of BRAIN Initiative Data (R01 Clinical Trial Not Allowed) RFA-MH-19-147

Application Submission Deadline: September 9, 2020

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. Letters of intent are due 30 days prior to the application deadline. Applications are due by 5pm local time of applicant organization on September 9, 2020. [Read more information](#).

NIH: BRAIN Initiative: Non-Invasive Neuromodulation - New Tools and Techniques for Spatiotemporal Precision (R01 Clinical Trial Optional) RFA-MH-20-310

Application Submission Deadline: October 15, 2020

This Funding Opportunity Announcement (FOA) solicits grant applications in two related but distinct areas. The first area is in the development and testing of novel tools and methods of neuromodulation that go beyond the existing forms of neural stimulation. The second distinct area that this FOA seeks to encourage is the optimization of existing stimulation methods. Applications are due by 5pm local time of applicant organization on October 15, 2020. [Read more information](#).

NIH: BRAIN Initiative: Research on the Ethical Implications of Advancements in Neurotechnology and Brain Science (R01 Clinical Trial Optional)

RFA-MH-19-400

Application Submission Deadline: October 9, 2020

This funding opportunity announcement (FOA), in support of the NIH Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Initiative, is one of several FOAs aimed at supporting transformative discoveries that will lead to breakthroughs in understanding human brain function. Guided by the long-term scientific plan, "[BRAIN 2025: A Scientific Vision](#)," this FOA specifically seeks to support efforts addressing core ethical issues associated with research focused on the human brain and resulting from emerging technologies and advancements supported by the BRAIN Initiative. Letters of intent are due 30 days prior to the application due date. Applications are due by October 9, 2020. [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: June 19, 2020

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 June 19, 2020. [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: November 27, 2020

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 November 27, 2020. [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 30, 2020

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 30, 2020. Read more information: [RFA-NS-19-002](#); [RFA-NS-19-003](#).

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 26, 2020

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 26, 2020.

[Read more information.](#)

NIH: Mechanistic Investigations of Psychosocial Stress Effects on Opioid Use Patterns (R01- Clinical Trial Optional) (R21- Clinical Trial Optional)

PAS-18-624, PAS-18-625

Application Submission Deadline: June 5, 2020 (R01), June 16, 2020 (R21)

This funding opportunity announcement (FOA) invites innovative research to characterize the consequences of psychosocial stress on affective/cognitive functioning and/or pain processing as it relates to opioid use disorder (OUD). This FOA encourages research that elucidates mechanisms of action and determinants of vulnerability and/or resilience by which psychosocial stress influence OUD trajectories. Research using basic or clinical approaches is appropriate. Letters of intent are due 30 days prior to the application deadline. Applications are due by June 5, 2020 (R01) and June 16, 2020 (R21).

NIH: NINDS Research Education Opportunities (R25 Clinical Trial Not Allowed)

PAR-18-782

Application Submission Deadline: August 27, 2020

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The over-arching goal of this NINDS 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. The purpose of this funding opportunity announcement is to encourage applications for the initiation or continuation of nationally-available neuroscience research education programs that will significantly advance the mission of NINDS. The primary focus of programs submitted under this FOA should be on intensive hands-on experience that will provide research experience, an in depth understanding of techniques and analytic approaches and expertise that is only possible with a nationally-organized program. Within the context of gaining expertise primarily through hands-on experience, programs may include immersive coursework and expert discussion when appropriate. Programs appropriate for this FOA must include participants from a nationally recruited cohort, selected through an application process by a well-balanced leadership committee. Letters of intent are due 30 days prior to the application deadline. Applications are due by August 27, 2020. [Read more information.](#)

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

PAR-19-286

Application Submission Deadline October 2, 2020

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 2, 2020. [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, 2020 (R01), June 16, 2020 (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, 2020](#) for [R01](#) and by [June 16, 2020](#) for [R21](#).

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, 2020 (R01), June 16, 2020 (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, 2020](#) ([R01](#)) and [June 16, 2020](#) ([R21](#)).

NIH: National Institute on Deafness and Other Communication Disorders (NIDCD) Research Grants for Translating Basic Research into Clinical Tools (R01- Clinical Trials Optional)

PAR-18-533

Application Submission Deadline: June 18, 2020

This Funding Opportunity Announcement (FOA) is intended to provide an avenue for basic scientists, clinicians and clinical scientists to jointly initiate and conduct translational research projects which translate basic research findings into clinical tools for better human health. The scope of this FOA includes a range of activities to encourage translation of basic research findings which will impact the diagnosis, treatment and prevention of communication disorders. Connection to the clinical condition must be clearly established and the outcomes of the grant must have practical clinical impact. Letters of intent are due 30 days prior to the application deadline. Applications are due by [June 18, 2020](#). [Read more information](#).

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](#).

DATA SHARING AND TRANSLATION

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

PAR-20-064

Application Submission Deadline: June 16, 2020

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, 2020. [Read more information](#).

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

RFA-TR-20-001

Application Submission Deadline: October 6, 2020

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, 2020. [Read more information](#).

DEVELOPMENTAL DISABILITIES

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, 2020

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, 2020. [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, 2020

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, 2020. More information: [R01](#); [R03](#); [R21](#).

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, 2020

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, 2020. [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, 2020

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, 2020. [Read more information](#).

**NIH: Pregnancy in Women with Disabilities (R01)
PA-17-452****Application Submission Deadline: June 5, 2020**

This funding opportunity announcement (FOA) issued by the *Eunice Kennedy Shriver* National Institute of Child Health and Human Development (NICHD) encourages research project grants (R01) investigating the incidence, course, and outcomes of pregnancy among women with disabilities. Areas of interest also include studies to inform preconceptional and antenatal counseling and strategies for addressing barriers to prenatal care, and management of pregnancy, the puerperium, and the transition to parenthood in order to optimize outcomes for women with physical, intellectual and developmental, and/or sensory disabilities and their families. Applicants are encouraged to include women with disabilities and members of the community in the design and conduct of their research. Letters of intent are due 30 days prior to the application deadline. Applications are due by June 5, 2020. [Read more information](#).

**NIH: Pregnancy in Women with Disabilities (R03)
PA-17-451****Application Submission Deadline: June 16, 2020**

This funding opportunity announcement (FOA) issued by the *Eunice Kennedy Shriver* National Institute of Child Health and Human Development (NICHD) encourages small research project grants (R03) investigating the incidence, course, and outcomes of pregnancy among women with disabilities. Areas of interest also include studies to inform preconceptional and antenatal counseling and strategies for addressing barriers to prenatal care, and management of pregnancy, the puerperium, and the transition to parenthood in order to optimize outcomes for women with physical, intellectual and developmental, and/or sensory disabilities and their families. Applicants are encouraged to include women with disabilities and members of the community in the design and conduct of their research. Letters of intent are due 30 days prior to the application deadline. Applications are due by June 16, 2020. [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, 2020**

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, 2020. [Read more information](#).

**NIMH: Career Enhancement Award to Advance Autism Services Research for Adults and Transition-Age Youth (K18 Independent Clinical Trial Not Allowed) (K18 Clinical Trial Required)
RFA-MH-20-420; RFA-MH-20-421****Application Submission Deadline: October 15, 2020**

This NIMH Research Career Enhancement Award (K18) program invites applications from experienced investigators seeking to redirect or expand their research programs through the acquisition of new skills and knowledge in the area of autism services research for adults and transition-age youth, which is beyond and complementary to their current areas of expertise. The program will support research training and career development experiences and a small-scale research project that will provide experienced investigators with the scientific competencies required to conduct research relevant to services for adults or transition-age youth with Autism Spectrum Disorders (ASD). Eligible candidates are independent

investigators at any faculty rank or level. Applications are due by October 15, 2020. Read more information: [RFA-MH-20-420](#); [RFA-MH-20-421](#).

DIVERSE DEVELOPMENTAL CONTEXTS

NIH: Addressing the Challenges of the Opioid Epidemic in Minority Health and Health Disparities Research in the U.S. (R21 Clinical Trial Optional) (R01 Clinical Trial Optional)

PAR-18-745, PAR-18-747

Application Submission Deadline: June 15, 2020

The purpose of this Funding Opportunity Announcement (FOA) is to encourage developmental and exploratory research focused on determining the mechanisms for the variation in the prevalence of Opioid Use Disorder (OUD), and understanding and reducing disparities in opioid care in minority health and health disparity populations in the U.S. This initiative will also seek to identify multi-level intervention strategies at the institutional and systems level for addressing OUD in these populations. Letters of intent are due 30 days prior to application deadline. Applications are due by June 15, 2020. Read more information : [R21](#), [R01](#).

NIH: Administrative Supplements to Support Cancer Disparity Collaborative Research (Clinical Trial Optional)

PA-18-842

Application Submission Deadline: September 10, 2020

The purpose of this trans-National Cancer Institute (NCI) Funding Opportunity Announcement (FOA) is to promote new cancer disparities research among investigators who do not normally conduct it and to encourage the partnership of experienced cancer research investigators with cancer disparities-focused researchers. This FOA is intended to accelerate and strengthen multi-disciplinary cancer disparities research in wide ranging areas. Cancer disparities research includes, but is not limited to basic, translational, behavioral, observational, interventional, environmental and population research studies that address the adverse differences in cancer incidence, prevalence, mortality, survivorship, burden and/or response to treatment in racial/ethnic minorities and/or underserved population groups. Proposed collaborations should focus on achieving research objectives that by necessity rely on diverse and complementary expertise, technical capabilities, and resource sets. Importantly, the supplemental request is required to be within the scope of the parent award and should expand the original aims to include a cancer disparity component. Applications are due by 5pm local time of applicant organization on September 10, 2020. [Read more information](#).

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

PAR-17-496

Application Submission Deadline: May 14, 2020

The purpose of this funding opportunity announcement (FOA) is to encourage exploratory developmental research to improve Native American (NA) health. Such research can include: conducting secondary analysis of existing data (such as databases that the Tribal Epidemiology Centers have collected); merge various sources of data to answer critical research questions; conduct pilot and feasibility studies; and/or assess and validate measures that are being developed and/or adapted for use in NA communities. For the purposes of this FOA, the term 'Native Americans' includes the following populations: Alaska Native, American Indian, and Native Hawaiian. The term 'Native Hawaiian' means any individual whose ancestors were natives, prior to 1778, belonging to the area that now comprises the State of Hawaii. Studies should: be culturally appropriate and result in promoting the adoption of healthy lifestyles; improve behaviors and social conditions and/or improve environmental conditions related to chronic disease; prevent or reduce the consumption of tobacco, alcohol, and other drugs; improve mental health outcomes; reduce risk of HIV infection; improve treatment adherence and/or health-care systems adopting standards of care to improve overall quality of life. Letters of intent are due 30 days prior to the application deadline. Applications are due by 5pm local time of application organization on May 14, 2020. [Read more information](#).

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

PAR-17-464

Application Submission Deadline: May 14, 2020

The purpose of this funding opportunity announcement (FOA) is to encourage exploratory developmental research to improve Native American (NA) health. Such research can include: conducting secondary analysis of existing data (such as databases that the Tribal Epidemiology Centers have collected); merge various sources of data to answer critical research questions; conduct pilot and feasibility studies; and/or assess and validate measures that are being developed and/or adapted for use in NA communities. For the purposes of this FOA, the term 'Native Americans' includes the following populations: Alaska Native, American Indian, and Native Hawaiian. The term 'Native Hawaiian' means any individual whose ancestors were natives, prior to 1778, belonging to the area that now comprises the State of Hawaii. Studies should: be culturally appropriate and result in promoting the adoption of healthy lifestyles; improve behaviors and social conditions and/or improve environmental conditions related to chronic disease; prevent or reduce the consumption

of tobacco, alcohol, and other drugs; improve mental health outcomes; reduce risk of HIV infection; improve treatment adherence and/or health-care systems adopting standards of care to improve overall quality of life. Letters of intent are due 30 days prior to the application deadline. Applications are due by 5pm local time of application organization on May 14, 2020. [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 to Support the Reduction and Elimination of Mental Health Disparities (Admin Supp)

PA-17-165

Application Submission Deadline: June 1, 2020

The purpose of this FOA is to support Administrative Supplements to active NIMH grants to foster research across the NIMH Strategic Objectives that target the reduction and elimination of mental health disparities by race and ethnicity, geography, and socioeconomic status in the United States. This initiative aims to generate research within the scientific scope of the parent grant that identifies mechanisms underlying disparities or differences in mental health status and/or enhances optimal delivery of mental health interventions among diverse groups. Applications are due by June 1, 2020. [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](#).

EDUCATION

NEW ED: Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities – Model Demonstration Projects to Develop Coaching Systems

ED-GRANTS-030320-001

Application Submission Deadline: May 4, 2020

The Department of Education (Department) is issuing a notice inviting applications for new awards for fiscal year (FY) 2020 for Model Demonstration Projects to Develop Coaching Systems. These projects will provide support to professionals to collaborate with early learning and early intervention programs, schools, districts, and State agencies to establish the infrastructure, personnel skills, and processes necessary for an effective and sustainable coaching system. The purpose of this priority is to fund three cooperative agreements to establish and operate evidence-based model demonstration projects. The purpose of the Technical Assistance and Dissemination to Improve Services and Results for

Children with Disabilities program is to promote academic achievement and to improve results for children with disabilities by providing technical assistance (TA), supporting model demonstration projects, disseminating useful information, and implementing activities that are supported by scientifically based research. Applications are due by May 4, 2020. [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](#).

**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](#).

HEALTH

**AHRQ: Health Services Research Projects (R01)
PA-18-795**

Application Submission Deadline: June 5, 2020

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, 2020. [Read more information](#).

**HRSA: Children's Healthy Weight State Capacity Building Program
HRSA-20-043**

Application Submission Deadline: April 16, 2020

This notice announces the opportunity to apply for funding under the Children's Healthy Weight State Capacity Building Program. The purpose of this program is to build state capacity around maternal and child health (MCH) nutrition by increasing the MCH nutrition competency of the state Title V workforce and optimizing MCH nutrition-related data sources to contribute to data-driven programs and activities related to assessment, policy development, and assurance. The specific objective of the Children's Healthy Weight State Capacity Building Program is to develop three state models in MCH nutrition integration, which can then be implemented and replicated in states nationwide. The state models will

increase access to high-quality, evidence-based nutrition services for MCH populations, including all women of childbearing age and their children, using innovative strategies to build state capacity to integrate nutrition statewide into Title V programs. This program will support states to strengthen, align, and coordinate current nutrition programs, services, and resources in order to build and expand capacity around MCH nutrition. Applications are due April 16, 2020. [Read more information](#).

**HHS: Optimally Change the Map of Teen Pregnancy through Replication of Programs Proven Effective
AH-TP1-20-001**

Application Submission Deadline: April 13, 2020

This FOA solicits applications for Tier 1 projects to replicate effective programs and supportive services proven to improve the optimal health of adolescents and reduce teen pregnancy and sexually transmitted infections (STIs). Tier 1 projects will identify multiple leverage points to maximize impact on promoting optimal health and preventing teen pregnancy and STIs. The primary focus of the Office of the Assistant Secretary for Health is leading America to healthier lives, especially for those who are most vulnerable, including those who have suffered historic disparities. In support of this vision, the Office of Population Affairs promotes health across the reproductive lifespan through innovative, evidence-based adolescent health and family planning programs, services, strategic partnerships, evaluation, and research. The Teen Pregnancy Prevention (TPP) Program is designed to give youth the information and skills to promote optimal health and prevent teen pregnancy across the United States, especially among those who are most vulnerable, including those who have suffered historic disparities. Applications are due by April 13, 2020. [Read more information](#).

**HHS: Teen Pregnancy Prevention (TPP) Tier 2, Phase II Rigorous Evaluation of Promising Interventions
AH-TP2-20-001**

Application Submission Deadline: April 17, 2020

This FOA solicits applications to rigorously evaluate promising interventions that could contribute to adolescent optimal health, prevent teen pregnancy, and reduce sexually transmitted infection (STI) rates. Applicants are expected to evaluate interventions that already have project merit, positive preliminary evidence, readiness, and feasibility. The Tier 2 Phase II FOA continues efforts supported through FY18 and FY2019 Phase I New and Innovative Strategies (Tier 2), but is open to any applicant (not just those previously funded through Phase I) who can meet the FOA expectations. The primary focus of the Office of the Assistant Secretary for Health is leading America to healthier lives, especially for those who are most vulnerable, including those who have suffered historic disparities. In support of this vision, the Office of Population Affairs promotes health across the reproductive lifespan through innovative, evidence-based adolescent health and family planning programs, services, strategic partnerships, evaluation, and research. The Teen Pregnancy Prevention (TPP) Program is designed to give youth the information and skills to promote optimal health and prevent teen pregnancy across the United States, especially among those who are most vulnerable, including those who have suffered historic disparities. Applications are due by April 17, 2020. [Read more information](#).

**HHS: Tier 2 Innovation and Impact Network Grants: Achieving Optimal Health and Preventing Teen Pregnancy in Key Priority Areas
AH-TP2-20-002**

Application Submission Deadline: April 17, 2020

This FOA solicits applications for Tier 2 projects to establish and support a multidisciplinary network of partners to develop and test innovative interventions in several priority areas to make an impact on optimal adolescent health, teen pregnancy, and sexually transmitted infection (STI) rate disparities. Priority areas include: 1) juvenile justice, 2) foster care/child welfare, 3) caregivers, 4) expectant and parenting youth, 5) youth with disabilities, 6) youth access to and experience with sexual healthcare, and 7) youth engagement. The primary focus of the Office of the Assistant Secretary for Health is leading America to healthier lives, especially for those who are most vulnerable, including those who have suffered historic disparities. In support of this vision, the Office of Population Affairs promotes health across the reproductive lifespan through innovative, evidence-based adolescent health and family planning programs, services, strategic partnerships, evaluation, and research. The Teen Pregnancy Prevention (TPP) Program is designed to give youth the information and skills to promote optimal health and prevent teen pregnancy across the United States, especially among those who are most vulnerable, including those who have suffered historic disparities. Applications are due by April 17, 2020. [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, 2020

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, 2020. [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, 2020 (R01); June 16, 2020 (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, 2020 (R01) and June 16, 2020 (R21). Read more information: [R01](#), [R21](#)

NIH: Addressing the Challenges of the Opioid Epidemic in Minority Health and Health Disparities Research in the U.S. (R21 Clinical Trial Optional) (R01 Clinical Trial Optional)
PAR-18-745, PAR-18-747

Application Submission Deadline: June 15, 2020

The purpose of this Funding Opportunity Announcement (FOA) is to encourage developmental and exploratory research focused on determining the mechanisms for the variation in the prevalence of Opioid Use Disorder (OUD), and understanding and reducing disparities in opioid care in minority health and health disparity populations in the U.S. This initiative will also seek to identify multi-level intervention strategies at the institutional and systems level for addressing OUD in these populations. Letters of intent are due 30 days prior to application submission deadline. Applications are due by June 15, 2020. Read more information : [R21](#), [R01](#).

NIH: Community Partnerships to Advance Research (CPAR) (R01 Clinical Trial Optional), (R21 Clinical Trial Optional)
PA-18-377, PA-18-381

Application Submission Deadline: June 5, 2020 (R01), June 16, 2020 (R21)

This funding opportunity announcement seeks to promote partnerships between researchers and community agencies, using Community Engaged Research (CEnR) methodologies. These partnerships are intended to enhance relationships in community settings, with the goal of producing better interventions. In turn, these enhanced interventions are expected to lead to positive health outcomes. Partnership is defined as an association of two or more persons or entities that conduct a study as equal co-investigators. Community Engagement (CE) lies on a continuum that reflects the level of involvement of community members, or representatives of community populations, in research. This continuum of involvement in research efforts ranges from community consent to research, to full participation and shared leadership of community members in research design and eventual dissemination and implementation. Applications are due by June 5, 2020 (R01) and June 16, 2020 (R21).

NIH: Developmentally Tailored HIV Prevention and Care Research for Adolescents and Young Adults (R01 Clinical Trial Optional) (R21 Clinical Trial Optional) (R34 Clinical Trial Optional)
PA-18-651, PA-18-652, PA-18-653

Application Submission Deadline: May 7, 2020

This Funding Opportunity Announcement encourages developmentally tailored research focused on adolescents and emerging adults as it relates to HIV prevention and treatment. Research is encouraged to incorporate recent advances in adolescent and young adult developmental research to better understand HIV prevention and care of this heterogeneous population. Applications are due by May 7, 2020. Read more information: [R01](#), [R21](#), [R34](#).

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, 2020

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, 2020. Read more information: [R01](#); [R03](#); [R21](#).

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

PAR-17-496

Application Submission Deadline: May 14, 2020

The purpose of this funding opportunity announcement (FOA) is to encourage exploratory developmental research to improve Native American (NA) health. Such research can include: conducting secondary analysis of existing data (such as databases that the Tribal Epidemiology Centers have collected); merge various sources of data to answer critical research questions; conduct pilot and feasibility studies; and/or assess and validate measures that are being developed and/or adapted for use in NA communities. For the purposes of this FOA, the term 'Native Americans' includes the following populations: Alaska Native, American Indian, and Native Hawaiian. The term 'Native Hawaiian' means any individual whose ancestors were natives, prior to 1778, belonging to the area that now comprises the State of Hawaii. Studies should: be culturally appropriate and result in promoting the adoption of healthy lifestyles; improve behaviors and social conditions and/or improve environmental conditions related to chronic disease; prevent or reduce the consumption of tobacco, alcohol, and other drugs; improve mental health outcomes; reduce risk of HIV infection; improve treatment adherence and/or health-care systems adopting standards of care to improve overall quality of life. Letters of intent are due 30 days prior to the application deadline. Applications are due by 5pm local time of application organization on May 14, 2020. [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, 2020

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, 2020. [Read more information](#).

NEW 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 31, 2020

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 31, 2020. [Read more information](#).

NIH: Research on Biopsychosocial Factors of Social Connectedness and Isolation on Health, Wellbeing, Illness, and Recovery (R01 Basic Experimental Studies with Humans Required)

PAR-19-384

Application Submission Deadline: March 17, 2021

This funding opportunity announcement (FOA) invites research projects that seek to explain the underlying mechanisms, processes, and trajectories of social relationships and how these factors affect outcomes in human health, illness, recovery, and overall wellbeing. Types of projects submitted under this FOA include studies that prospectively assign human participants to conditions (i.e., experimentally manipulate independent variables) and that assess biomedical and/or behavioral outcomes in humans to understand fundamental aspects of phenomena related to social connectedness and isolatedness. NIH considers such studies as "prospective basic science studies involving human participants" that meet the NIH definition of basic research and fall within the NIH definition of a clinical trials (see, e.g., NOT-OD-19-024) 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 March 17, 2021. [Read more information](#).

NIH: Research on Biopsychosocial Factors of Social Connectedness and Isolation on Health, Wellbeing, Illness, and Recovery (R01 Clinical Trials Not Allowed)

PAR-19-373

Application Submission Deadline: March 17, 2021

This funding opportunity announcement (FOA) solicits research projects that seek to model the underlying mechanisms, processes, and trajectories of social relationships and how these factors affect outcomes in health, illness, recovery, and overall wellbeing. Both animal and human subjects research projects are welcome. Researchers proposing basic science experimental studies involving human participants should consider this FOA's companion for basic experimental studies with humans. Applications are due by 5pm local time of applicant organization on March 17, 2021. [Read more information](#).

NIH: Research on the Health of Transgender and Gender Nonconforming Populations (R01 Clinical Trial Optional) (R21 Clinical Trial Optional)**PA-18-729, PA-18-728****Application Submission Deadline: June 5, 2020 (R01), June 16, 2020 (R21)**

This funding opportunity announcement (FOA) calls for research on the health of transgender and gender nonconforming people of all ages, including both youth and adults who are questioning their gender identity and those individuals who are making or who have made a transition from being identified as one gender to the other. This group encompasses individuals whose gender identity differs from the sex on their original birth certificate or whose gender expression varies significantly from what is traditionally associated with or typical for that sex. Applications are due by June 5, 2020 (R01) or June 16, 2020 (R21).

NIH: Research to Improve Native American Health (R21 Clinical Trial Optional)**PAR-17-464****Application Submission Deadline: May 14, 2020**

The purpose of this funding opportunity announcement (FOA) is to encourage exploratory developmental research to improve Native American (NA) health. Such research can include: conducting secondary analysis of existing data (such as databases that the Tribal Epidemiology Centers have collected); merge various sources of data to answer critical research questions; conduct pilot and feasibility studies; and/or assess and validate measures that are being developed and/or adapted for use in NA communities. For the purposes of this FOA, the term 'Native Americans' includes the following populations: Alaska Native, American Indian, and Native Hawaiian. The term 'Native Hawaiian' means any individual whose ancestors were natives, prior to 1778, belonging to the area that now comprises the State of Hawaii. Studies should: be culturally appropriate and result in promoting the adoption of healthy lifestyles; improve behaviors and social conditions and/or improve environmental conditions related to chronic disease; prevent or reduce the consumption of tobacco, alcohol, and other drugs; improve mental health outcomes; reduce risk of HIV infection; improve treatment adherence and/or health-care systems adopting standards of care to improve overall quality of life. Letters of intent are due 30 days prior to the application deadline. Applications are due by 5pm local time of application organization on May 14, 2020. [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: October 15, 2020**

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 October 15, 2020. Read more information: [R01](#), [R34](#).

New NSF: Request for SBIR/STTR Phase I Proposals Addressing COVID-19**NSF 20-065****Application Submission Deadline: Rolling Basis**

The Division of Innovation and Industrial Partnerships (IIP) of the Engineering Directorate at the National Science Foundation invites U.S.-based small businesses to submit Phase I proposals focused on the development and deployment of new technologies, products, processes, and services with the potential to positively impact the nation's and world's ability to respond to the COVID-19 crisis. Areas of research that might be considered include, but are not limited to: artificial intelligence, digital health, diagnostics, distributed ledger, environmental technologies, medical devices, pharmaceutical technologies, disinfection and sterilization, and filtration and separations. Interested proposers are invited to submit to the NSF Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) Phase I Program. Applications will be reviewed on a rolling basis. [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, 2020

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, 2020. [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, 2020

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, 2020. [Read more information](#).

NIH: Developmentally Tailored HIV Prevention and Care Research for Adolescents and Young Adults (R01 Clinical Trial Optional) (R21 Clinical Trial Optional) (R34 Clinical Trial Optional)

PA-18-651, PA-18-652, PA-18-653

Application Submission Deadline: May 7, 2020

This Funding Opportunity Announcement encourages developmentally tailored research focused on adolescents and emerging adults as it relates to HIV prevention and treatment. Research is encouraged to incorporate recent advances in adolescent and young adult developmental research to better understand HIV prevention and care of this heterogeneous population. Applications are due by May 7, 2020. Read more information: [R01](#), [R21](#), [R34](#).

NIH: Implementing the Most Successful Interventions to Improve HIV/AIDS Outcomes in U.S. Communities (R01 Clinical Trial Optional) (R21 Clinical Trial Optional)

PAR-17-491, PAR-17-490

Application Submission Deadline: June 5, 2020 (R01), June 16, 2020 (R21)

The goal of this funding opportunity announcement (FOA) is to translate and adapt the most successful global, evidence-based HIV-related service provision strategies to marginalized populations in the United States (U.S.) with a substantial risk of HIV-infection and AIDS. The ultimate goal, is to produce improvements in HIV-related health outcomes in these key populations through strategies that successfully and durably reach them with timely HIV testing, prevention and treatment technologies that lead to the achievement of the UNAIDS 90-90-90 benchmarks: by 2020, 90 percent of all people living with HIV will know their HIV status, 90 percent of all people with diagnosed HIV infection will receive sustained antiretroviral therapy and 90 percent of all people receiving antiretroviral therapy will have viral suppression. Applications are due by 5pm local time of application organization on June 5, 2020 ([R01](#)) and June 16, 2020 ([R21](#)).

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

PAS-18-915

Application Submission Deadline: May 7, 2020

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, 2020. [Read more information](#).

NIH: NIDA Avant-Garde Award Program for HIV/AIDS and Drug Use Research (DP1)

RFA-DA-18-019

Application Submission Deadline: August 14, 2020

The NIDA Avant-Garde Award Program for HIV/AIDS Research supports individual scientists of exceptional creativity who propose high-impact research that will open new areas of HIV/AIDS research relevant to drug abuse and/or lead to new avenues for prevention and treatment of HIV/AIDS among drug abusers. The term “avant-garde” is used to describe highly innovative approaches that have the potential to be transformative. The proposed research should reflect approaches and ideas that are substantially different from those already being pursued by the investigator or others and should support the NIH HIV/AIDS Research Priorities <https://grants.nih.gov/grants/guide/notice-files/NOT-OD-15-137.html>. The NIDA Avant-Garde award supports innovative, basic research that may lead to improved preventive interventions or therapies; creative, new strategies to prevent disease transmission; novel approaches to improve disease outcomes; and creative approaches to eradicating HIV or improving the lives of those living with HIV. Applications are due by 5pm local time of applicant organization on August 14, 2020. [Read more information](#).

INFANTS

NIH: Pregnancy in Women with Disabilities (R01)

PA-17-452

Application Submission Deadline: June 5, 2020

This funding opportunity announcement (FOA) issued by the *Eunice Kennedy Shriver* National Institute of Child Health and Human Development (NICHD) encourages research project grants (R01) investigating the incidence, course, and outcomes of pregnancy among women with disabilities. Areas of interest also include studies to inform preconceptional and antenatal counseling and strategies for addressing barriers to prenatal care, and management of pregnancy, the puerperium, and the transition to parenthood in order to optimize outcomes for women with physical, intellectual and developmental, and/or sensory disabilities and their families. Applicants are encouraged to include women with disabilities and members of the community in the design and conduct of their research. Letters of intent are due 30 days prior to the application deadline. Applications are due by June 5, 2020. [Read more information](#).

NIH: Pregnancy in Women with Disabilities (R03)

PA-17-451

Application Submission Deadline: June 16, 2020

This funding opportunity announcement (FOA) issued by the *Eunice Kennedy Shriver* National Institute of Child Health and Human Development (NICHD) encourages small research project grants (R03) investigating the incidence, course, and outcomes of pregnancy among women with disabilities. Areas of interest also include studies to inform preconceptional and antenatal counseling and strategies for addressing barriers to prenatal care, and management of pregnancy, the puerperium, and the transition to parenthood in order to optimize outcomes for women with physical, intellectual and developmental, and/or sensory disabilities and their families. Applicants are encouraged to include women with disabilities and members of the community in the design and conduct of their research. Letters of intent are due 30 days prior to the application deadline. Applications are due by June 16, 2020. [Read more information](#).

JUVENILE JUSTICE

HHS: Tier 2 Innovation and Impact Network Grants: Achieving Optimal Health and Preventing Teen Pregnancy in Key Priority Areas

AH-TP2-20-002

Application Submission Deadline: April 17, 2020

This FOA solicits applications for Tier 2 projects to establish and support a multidisciplinary network of partners to develop and test innovative interventions in several priority areas to make an impact on optimal adolescent health, teen pregnancy, and sexually transmitted infection (STI) rate disparities. Priority areas include: 1) juvenile justice, 2) foster care/child welfare, 3) caregivers, 4) expectant and parenting youth, 5) youth with disabilities, 6) youth access to and experience with sexual healthcare, and 7) youth engagement. The primary focus of the Office of the Assistant Secretary for Health is leading America to healthier lives, especially for those who are most vulnerable, including those who have suffered historic disparities. In support of this vision, the Office of Population Affairs promotes health across the reproductive lifespan through innovative, evidence-based adolescent health and family planning programs, services, strategic partnerships, evaluation, and research. The Teen Pregnancy Prevention (TPP) Program is designed to give youth the information and skills to promote optimal health and prevent teen pregnancy across the United States, especially among those who are most vulnerable, including those who have suffered historic disparities. Applications are due by April 17, 2020. [Read more information](#).

NIJ: Graduate Research Fellowship

NIJ-2020-17332

Application Submission Deadline: April 15, 2020

The U.S. Department of Justice (DOJ), Office of Justice Programs (OJP), National Institute of Justice (NIJ) is seeking applications for funding innovative doctoral dissertation research that is relevant to preventing and controlling crime, and ensuring the fair and impartial administration of criminal justice in the United States. This program furthers the Department's mission by increasing the pool of researchers who are engaged in providing science-based solutions to problems relevant to criminal and juvenile justice policy and practice in the United States. This integrates into a single solicitation for two previously separate fellowship solicitations in Science, Technology, Engineering, and Mathematics (STEM) and Social and Behavior Sciences (SBS). Applicants considering research in the social and behavioral sciences are encouraged to consult [NIJ's topical research portfolios](#). Applications are due by April 15, 2020. [Read more information](#).

new NIJ: Research on Juvenile Reoffending

NIJ-2020-18254

Application Submission Deadline: May 18, 2020

With this solicitation, NIJ, in collaboration with the Office of Juvenile Justice and Delinquency Prevention, seeks proposals for rigorous research projects that improve measurement of juvenile reoffending. NIJ encourages applicants to submit proposals for studies that advance knowledge and understanding of juvenile reoffending and aid jurisdictions and juvenile justice agencies in measuring and using juvenile reoffending data appropriately in their efforts to identify priorities, develop responses, and monitor and assess policies and programs. Applications are due by May 18, 2020. [Read more information](#).

MATERNAL AND CHILD HEALTH

HRSA: Children's Healthy Weight State Capacity Building Program

HRSA-20-043

Application Submission Deadline: April 16, 2020

This notice announces the opportunity to apply for funding under the Children's Healthy Weight State Capacity Building Program. The purpose of this program is to build state capacity around maternal and child health (MCH) nutrition by increasing the MCH nutrition competency of the state Title V workforce and optimizing MCH nutrition-related data sources to contribute to data-driven programs and activities related to assessment, policy development, and assurance. The specific objective of the Children's Healthy Weight State Capacity Building Program is to develop three state models in MCH nutrition integration, which can then be implemented and replicated in states nationwide. The state models will increase access to high-quality, evidence-based nutrition services for MCH populations, including all women of childbearing age and their children, using innovative strategies to build state capacity to integrate nutrition statewide into Title V programs. This program will support states to strengthen, align, and coordinate current nutrition programs, services, and resources in order to build and expand capacity around MCH nutrition. Applications are due April 16, 2020. [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, 2020

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, 2020. [Read more information](#).

NIH: Pregnancy in Women with Disabilities (R03)

PA-17-451

Application Submission Deadline: June 16, 2020

This funding opportunity announcement (FOA) issued by the *Eunice Kennedy Shriver* National Institute of Child Health and Human Development (NICHD) encourages small research project grants (R03) investigating the incidence, course, and outcomes of pregnancy among women with disabilities. Areas of interest also include studies to inform preconceptional and antenatal counseling and strategies for addressing barriers to prenatal care, and management of pregnancy, the puerperium, and the transition to parenthood in order to optimize outcomes for women with physical, intellectual and developmental, and/or sensory disabilities and their families. Applicants are encouraged to include women with disabilities and members of the community in the design and conduct of their research. Letters of intent are due 30 days prior to the application deadline. Applications are due by June 16, 2020. [Read more information](#).

MENTAL HEALTH AND ILLNESS

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, 2020

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, 2020. [Read more information](#).

NIH: Initiation of a Mental Health Family Navigator Model to Promote Early Access, Engagement and Coordination of Needed Mental Health Services for Children and Adolescents (R01 Clinical Trial Required)

PAR-18-428

Application Submission Deadline: June 5, 2020

The purpose of this Funding Opportunity Announcement (FOA) is to encourage research applications to develop and test the effectiveness and implementation of family navigator models designed to promote early access, engagement and coordination of mental health treatment and services for children and adolescents who are experiencing early symptoms of mental health problems. For the purposes of this FOA, NIMH defines a family navigator model as a health care professional or paraprofessional whose role is to deploy a set of strategies designed to rapidly engage youth and families in needed treatment and services, work closely with the family and other involved treatment and service providers to optimize care and monitor the trajectory of mental health symptoms and outcomes over time. Applicants are encouraged to develop and test the navigator model's ability to promote early access, engagement and coordination of mental health treatment and services for children and adolescents as soon as symptoms are detected. Of interest are navigator models that coordinate needed care strategies, determine the "personalized match" to the level of needed service amount, frequency and intensity, and harness novel technologies to track and monitor the trajectory of clinical, functional and behavioral progress toward achieving intended services outcomes. 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 5, 2020. [Read more information](#).

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

RFA-MH-18-706

Application Submission Deadline: June 15, 2020

The purpose of this Funding Opportunity Announcement (FOA) is to encourage pilot research consistent with NIMH's priorities for: 1) effectiveness research on preventive and therapeutic interventions with previously demonstrated efficacy, for use with broader target populations or for use in community practice settings, and 2) research on the development and preliminary testing of innovative services interventions. Applications should provide resources for evaluating the feasibility, tolerability, acceptability and safety of approaches to improve mental health/functional outcomes, to modify risk factors, or to improve service delivery, and for obtaining the preliminary data needed as a pre-requisite to a larger-scale intervention trial (e.g., comparative effectiveness study, practical trial) or large-scale services study. 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 15, 2020. [Read more information](#).

NIH: Pilot Studies to Test the Initiation of a Mental Health Family Navigator Model to Promote Early Access, Engagement and Coordination of Needed Mental Health Services for Children and Adolescents (R34 Clinical Trial Required)

PAR-18-429

Application Submission Deadline: June 16, 2020

The purpose of this Funding Opportunity Announcement (FOA) is to encourage research applications to develop and pilot test the effectiveness and implementation of family navigator models designed to promote early access, engagement and coordination of mental health treatment and services for children and adolescents who are experiencing early symptoms of mental health problems. For the purposes of this FOA, NIMH defines a family navigator model as a health care professional or paraprofessional whose role is to deploy a set of strategies designed to rapidly engage youth and families in needed treatment and services, work closely with the family and other involved treatment and service providers to optimize care and monitor the trajectory of mental health symptoms and outcomes over time. Applicants are encouraged to develop and pilot test the navigator model's ability to promote early access, engagement and coordination of mental health treatment and services for children and adolescents as soon as symptoms are detected. Of interest are navigator

models that coordinate needed care strategies, determine the “personalized match” to the level of needed service amount, frequency and intensity, and harness novel technologies to track and monitor the trajectory of clinical, functional and behavioral progress toward achieving intended services outcomes. 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, 2020. [Read more information](#).

NIMH: Administrative Supplement Program to Enable Continuity of Research Experiences of MD/PhDs during Clinical Training (Admin Supp Clinical Trial Optional)

PA-18-642

Application Submission Deadline: April 1, 2020

The purpose of the NIMH Administrative Supplement Program to Enable Continuity of Research Experiences of MD/PhDs during Clinical Training is to support advanced research opportunities for exceptional individuals holding the MD/PhD degree who are early in their research careers and thereby help these individuals transition efficiently and effectively from the period of clinical training to the next stage of their research careers. This administrative supplement program will provide focused, protected research time for eligible individuals during residency and/or clinical fellowship. The proposed research experience must have the potential to contribute significantly to the candidate's research career. Administrative supplements must support work within the scope of the original project. All applicants are encouraged to discuss potential requests with the NIMH prior to submission. Applications are due by April 1, 2020. [Read more information](#).

NIMH: Effectiveness of Implementing Sustainable Evidence-Based Mental Health Practices in Low-Resource Settings to Achieve Mental Health Equity for Traditionally Underserved Populations (R01 Clinical Trial Optional)

RFA-MH-20-400

Application Submission Deadline: August 25, 2020

This Funding Opportunity Announcement (FOA) encourages studies that develop and test the effectiveness of strategies for implementation and sustainable delivery of evidence-based mental health treatments and services to improve mental health outcomes for underserved populations in under-resourced settings in the United States. Studies should identify and use innovative approaches to remediate barriers to provision, receipt, and/or benefit from evidence-based practices (EBPs) and generate new information about factors integral to achieving equity in mental health outcomes for underserved populations. Research generating new information about factors causing/reducing disparities are strongly encouraged, including due consideration of the needs of individuals across the life span. Applications are due by 5pm local time of applicant organization on August 25, 2020. [Read more information](#).

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

PA-18-350

Application Submission Deadline: June 16, 2020

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 June 16, 2020. [Read more information](#).

NIMH: Implementing and Sustaining Evidence-Based Mental Health Practices in Low-Resource Settings to Achieve Equity in Outcomes (R34 Clinical Trial Required)

RFA-MH-20-401

Application Submission Deadline: August 25, 2020

This Funding Opportunity Announcement (FOA) supports pilot work for subsequent studies testing the effectiveness of strategies to deliver evidence-based mental health services, treatment interventions, and/or preventive interventions (EBPs) in low-resource mental health specialty and non-specialty settings within the United States. The FOA targets settings where EBPs are not currently delivered or delivered with fidelity, such that there are disparities in mental health and related functional outcomes (e.g., employment, educational attainment, stable housing, integration in the community, treatment of comorbid substance use disorders, etc.) for the population(s) served. Implementation strategies should identify and use innovative approaches to remediate barriers to provision, receipt, and/or benefit from EBPs and generate new information about factors integral to achieving equity in mental health outcomes for underserved populations. Research generating new information about factors causing/reducing disparities is strongly encouraged, including due consideration for the needs of individuals across the life span. Applications are due by 5pm local time of applicant organization on August 25, 2020. [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 7, 2020**

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 7, 2020. [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, 2020 (R01), June 16, 2020 (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, 2020 for [R01](#) and by June 16, 2020 for [R21](#).

NIMH: Pilot Effectiveness Trials for Treatment, Preventive and Services Interventions (R34- Clinical Trial Required)**RFA-MH-18-706****Application Submission Deadline: June 15, 2020**

The purpose of this Funding Opportunity Announcement (FOA) is to encourage pilot research consistent with the National Institute of Mental Health's (NIMH) priorities. Applications should provide resources for evaluating the feasibility, tolerability, acceptability and safety of approaches to improve mental health/functional outcomes, to modify risk factors, or to improve service delivery, and for obtaining the preliminary data needed as a pre-requisite to a larger-scale intervention trial (e.g., comparative effectiveness study, practical trial) or large-scale services study. In this pilot phase of effectiveness research, NIMH places highest priority on approaches that can be justified in terms of their potential to substantially impact practice and public health and approaches that are empirically grounded. Adaptations or augmentations of efficacious interventions should only be undertaken if there is an empirical rationale for the adaptation target and for the corresponding mechanism by which the adapted intervention or augmentation is expected to substantially enhance outcomes. This FOA is intended to support pilot effectiveness trials that are designed to explicitly address whether the intervention engages the target(s)/mechanism(s) presumed to underlie the intervention effects. Applications are due by 5pm local time of applicant organization on June 15, 2020. [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: October 15, 2020**

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 October 15, 2020. 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: November 27, 2020**

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 November 27, 2020. [Read more information](#).

**NIH: BRAIN Initiative: Research on the Ethical Implications of Advancements in Neurotechnology and Brain Science (R01 Clinical Trial Optional)
RFA-MH-19-400**

Application Submission Deadline: October 9, 2020

This funding opportunity announcement (FOA), in support of the NIH Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Initiative, is one of several FOAs aimed at supporting transformative discoveries that will lead to breakthroughs in understanding human brain function. Guided by the long-term scientific plan, "[BRAIN 2025: A Scientific Vision](#)," this FOA specifically seeks to support efforts addressing core ethical issues associated with research focused on the human brain and resulting from emerging technologies and advancements supported by the BRAIN Initiative. Letters of intent are due 30 days prior to the application due date. Applications are due by October 9, 2020. [Read more information](#).

**NIH: Community Partnerships to Advance Research (CPAR) (R01 Clinical Trial Optional), (R15 Clinical Trial Not Allowed), (R21 Clinical Trial Optional)
PA-18-377, PA-18-475, PA-18-381**

Application Submission Deadline: June 5, 2020 (R01), June 16, 2020 (R21)

This funding opportunity announcement seeks to promote partnerships between researchers and community agencies, using Community Engaged Research (CEnR) methodologies. These partnerships are intended to enhance relationships in community settings, with the goal of producing better interventions. In turn, these enhanced interventions are expected to lead to positive health outcomes. Partnership is defined as an association of two or more persons or entities that conduct a study as equal co-investigators. Community Engagement (CE) lies on a continuum that reflects the level of involvement of community members, or representatives of community populations, in research. This continuum of involvement in research efforts ranges from community consent to research, to full participation and shared leadership of community members in research design and eventual dissemination and implementation. Applications are due by June 5, 2020 ([R01](#)) and June 16, 2020 ([R21](#)).

**NIH: Secondary Analyses of Existing Alcohol Research Data (R01)
PA-17-467**

Application Submission Deadline: June 5, 2020

This Funding Opportunity Announcement (FOA) encourages the submission of investigator-initiated research grant applications to support the secondary analysis of existing data sets with the goal of enhancing our understanding of patterns of alcohol consumption, the epidemiology and etiology, including genetics, of alcohol-related problems. Research grants for the Secondary Analyses of Existing Alcohol Research Data are intended to provide support for studies that utilize currently available data sets to increase our understanding of the incidence, prevalence and etiology of alcohol related problems and disorders in the population, as well as the risk and protective factors associated with them. Research that employs analytic techniques which demonstrate or promote methodological advances in alcohol-related epidemiologic and Genetics/Genomics research is also of interest. Applications are due by June 5, 2020. [Read more information](#).

NUTRITION

**HRSA: Children's Healthy Weight State Capacity Building Program
HRSA-20-043**

Application Submission Deadline: April 16, 2020

This notice announces the opportunity to apply for funding under the Children's Healthy Weight State Capacity Building Program. The purpose of this program is to build state capacity around maternal and child health (MCH) nutrition by increasing the MCH nutrition competency of the state Title V workforce and optimizing MCH nutrition-related data sources

to contribute to data-driven programs and activities related to assessment, policy development, and assurance. The specific objective of the Children's Healthy Weight State Capacity Building Program is to develop three state models in MCH nutrition integration, which can then be implemented and replicated in states nationwide. The state models will increase access to high-quality, evidence-based nutrition services for MCH populations, including all women of childbearing age and their children, using innovative strategies to build state capacity to integrate nutrition statewide into Title V programs. This program will support states to strengthen, align, and coordinate current nutrition programs, services, and resources in order to build and expand capacity around MCH nutrition. Applications are due [April 16, 2020](#). [Read more information](#).

NIH: Diet and Physical Activity Assessment Methodology (R01) (R21)
PA-18-856, PAR-18-857

Application Submission Deadline: June 5, 2020 (R01), June 16, 2020 (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, 2020 \(R01\)](#), [June 16, 2020 \(R21\)](#).

NIH: Nutrition Obesity Research Centers (NORCs) (P30 Clinical Trial Optional)
RFA-DK-19-002

Application Submission Deadline: June 2, 2020

This Funding Opportunity Announcement (FOA) invites applications from institutions/organizations that propose to establish core centers that are part of an integrated and existing program of nutrition and/or obesity research. The Nutrition Obesity Research Centers (NORC) program is designed to support and enhance the national research effort in nutrition and obesity. NORCs support three primary research-related activities: Research Core services, a Pilot and Feasibility (P and F) program, and an Enrichment program. All activities pursued by Nutrition Obesity Research Centers are designed to enhance the efficiency, productivity, effectiveness and multidisciplinary nature of research in nutrition and obesity. The NIDDK Nutrition Obesity Research Centers program consists of 12 Centers, each located at outstanding research institutions with documented programs of excellence in nutrition and/or obesity research. Letter of intent is due 30 days prior to the application due date. Applications are due by 5pm local time of applicant organization on [June 2, 2020](#). [Read more information](#).

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

Application Submission Deadline: April 7, 2020

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 7, 2020](#). [Read more information](#).

POLICY

New ACF: Behavioral Interventions Scholars
HHS-2020-ACF-OPRE-PD-1824

Application Submission Deadline: June 1, 2020

The Administration for Children and Families (ACF), Office of Planning, Research, and Evaluation (OPRE) anticipates soliciting applications for Behavioral Interventions Scholars grants to support dissertation research by advanced graduate students who are using approaches grounded in behavioral science or behavioral economics to examine specific research questions of relevance to social services programs and policies. These grants are meant to build capacity in the research

field to apply a behavioral science or behavioral economics lens to issues facing poor and vulnerable families in the United States, and to foster mentoring relationships between faculty members and high-quality doctoral students. Applicants will be required to demonstrate how their research is grounded in behavioral economics/behavioral science and the applicability of their research to practice or policy serving low-income children, adults, and families, especially those that seek to improve their well-being. Applications are due by June 1, 2020. [Read more information](#).

PUBLIC HEALTH

NIH: Addressing the Challenges of the Opioid Epidemic in Minority Health and Health Disparities Research in the U.S. (R21 Clinical Trial Optional) (R01 Clinical Trial Optional)
PAR-18-745, PAR-18-747

Application Submission Deadline: June 15, 2020

The purpose of this Funding Opportunity Announcement (FOA) is to encourage developmental and exploratory research focused on determining the mechanisms for the variation in the prevalence of Opioid Use Disorder (OUD), and understanding and reducing disparities in opioid care in minority health and health disparity populations in the U.S. This initiative will also seek to identify multi-level intervention strategies at the institutional and systems level for addressing OUD in these populations. Letters of intent are due 30 days prior to application deadline. Applications are due by June 15, 2020. Read more information : [R21](#), [R01](#).

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, 2020

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, 2020. Read more information: [R01](#); [R03](#); [R21](#).

NIH: Research on the Health of Transgender and Gender Nonconforming Populations (R01 Clinical Trial Optional) (R21 Clinical Trial Optional)
PA-18-729, PA-18-728

Application Submission Deadline: June 5, 2020 (R01), June 16, 2020 (R21)

This funding opportunity announcement (FOA) calls for research on the health of transgender and gender nonconforming people of all ages, including both youth and adults who are questioning their gender identity and those individuals who are making or who have made a transition from being identified as one gender to the other. This group encompasses individuals whose gender identity differs from the sex on their original birth certificate or whose gender expression varies significantly from what is traditionally associated with or typical for that sex. Applications are due by June 5, 2020 ([R01](#)) or June 16, 2020 ([R21](#)).

NIH: Research to Action: Assessing and Addressing Community Exposures to Environmental Contaminants (R01 Clinical Trial Optional)
RFA-ES-20-002

Application Submission Deadline: December 4, 2020

This Funding Opportunity Announcement (FOA) encourages multidisciplinary projects to investigate the potential health risks of environmental exposures of concern to a community and to implement an environmental public health action plan based on research findings. Projects supported under this program are expected to employ community-engaged research methods to not only conduct research but also to seamlessly translate research findings into public health action. This announcement reflects NIEHS goals in bi-directional communications and in supporting research to address environmental health disparities and environmental justice concerns. The Research to Action program is part of the National Institute of Environmental Health Sciences (NIEHS) "[Partnerships for Environmental Public Health](#)" (PEPH) network. Applications are due by 5pm local time of applicant organization on December 4, 2020. [Read more information](#).

NIMH: Addressing Suicide Research Gaps: Understanding Mortality Outcomes (R01 Clinical Trial Not Allowed)
RFA-MH-20-305

Application Submission Deadline: June 10, 2020

This Funding Opportunity Announcement (FOA) seeks to support efforts focused on linking pertinent data from healthcare system records (e.g., suicide attempt events) to mortality data so that a more accurate understanding of the risk factors for, and the burden of, suicide among those seen in structured healthcare settings can be discerned. Specifically, data are needed on the type, severity, and timing of suicide predictors in the U.S. In addition to improving our national knowledge

of the burden of suicide, these data offer the hope of yielding essential benchmarks for both public and private care providers/insurers, who increasingly will be seeking improvements to reduce the frequency of suicide events in their systems. Projects supported by this FOA will help address gaps identified in the [2014 Prioritized Research Agenda for Suicide Prevention](#). Applications are due by 5pm local time of applicant organization June 10, 2020. [Read more information](#).

NIMH: Effectiveness of Implementing Sustainable Evidence-Based Mental Health Practices in Low-Resource Settings to Achieve Mental Health Equity for Traditionally Underserved Populations (R01 Clinical Trial Optional) RFA-MH-20-400

Application Submission Deadline: August 25, 2020

This Funding Opportunity Announcement (FOA) encourages studies that develop and test the effectiveness of strategies for implementation and sustainable delivery of evidence-based mental health treatments and services to improve mental health outcomes for underserved populations in under-resourced settings in the United States. Studies should identify and use innovative approaches to remediate barriers to provision, receipt, and/or benefit from evidence-based practices (EBPs) and generate new information about factors integral to achieving equity in mental health outcomes for underserved populations. Research generating new information about factors causing/reducing disparities are strongly encouraged, including due consideration of the needs of individuals across the life span. Applications are due by 5pm local time of applicant organization on August 25, 2020. [Read more information](#).

NIMH: Implementing and Sustaining Evidence-Based Mental Health Practices in Low-Resource Settings to Achieve Equity in Outcomes (R34 Clinical Trial Required) RFA-MH-20-401

Application Submission Deadline: August 25, 2020

This Funding Opportunity Announcement (FOA) supports pilot work for subsequent studies testing the effectiveness of strategies to deliver evidence-based mental health services, treatment interventions, and/or preventive interventions (EBPs) in low-resource mental health specialty and non-specialty settings within the United States. The FOA targets settings where EBPs are not currently delivered or delivered with fidelity, such that there are disparities in mental health and related functional outcomes (e.g., employment, educational attainment, stable housing, integration in the community, treatment of comorbid substance use disorders, etc.) for the population(s) served. Implementation strategies should identify and use innovative approaches to remediate barriers to provision, receipt, and/or benefit from EBPs and generate new information about factors integral to achieving equity in mental health outcomes for underserved populations. Research generating new information about factors causing/reducing disparities is strongly encouraged, including due consideration for the needs of individuals across the life span. Applications are due by 5pm local time of applicant organization on August 25, 2020. [Read more information](#).

NIMH: Pilot Effectiveness Trials for Treatment, Preventive and Services Interventions (R34- Clinical Trial Required) RFA-MH-18-706

Application Submission Deadline: June 15, 2020

The purpose of this Funding Opportunity Announcement (FOA) is to encourage pilot research consistent with the National Institute of Mental Health's (NIMH) priorities. Applications should provide resources for evaluating the feasibility, tolerability, acceptability and safety of approaches to improve mental health/functional outcomes, to modify risk factors, or to improve service delivery, and for obtaining the preliminary data needed as a pre-requisite to a larger-scale intervention trial (e.g., comparative effectiveness study, practical trial) or large-scale services study. In this pilot phase of effectiveness research, NIMH places highest priority on approaches that can be justified in terms of their potential to substantially impact practice and public health and approaches that are empirically grounded. Adaptations or augmentations of efficacious interventions should only be undertaken if there is an empirical rationale for the adaptation target and for the corresponding mechanism by which the adapted intervention or augmentation is expected to substantially enhance outcomes. This FOA is intended to support pilot effectiveness trials that are designed to explicitly address whether the intervention engages the target(s)/mechanism(s) presumed to underlie the intervention effects. Applications are due by 5pm local time of applicant organization on June 15, 2020. [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: October 10, 2020

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 October 10, 2020. Read more information: [R01](#), [R34](#).

NEW NSF: Request for SBIR/STTR Phase I Proposals Addressing COVID-19
NSF 20-065

Application Submission Deadline: Rolling Basis

The Division of Innovation and Industrial Partnerships (IIP) of the Engineering Directorate at the National Science Foundation invites U.S.-based small businesses to submit Phase I proposals focused on the development and deployment of new technologies, products, processes, and services with the potential to positively impact the nation's and world's ability to respond to the COVID-19 crisis. Areas of research that might be considered include, but are not limited to: artificial intelligence, digital health, diagnostics, distributed ledger, environmental technologies, medical devices, pharmaceutical technologies, disinfection and sterilization, and filtration and separations. Interested proposers are invited to submit to the NSF Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) Phase I Program. Applications will be reviewed on a rolling basis. [Read more information](#).

SCHOOL SAFETY

NEW CDC: Research Grants to Prevent Firearm-Related Violence and Injuries (R01)
RFA-CE-20-006

Application Submission Deadline: May 5, 2020

The Centers for Disease Control and Prevention's (CDC) National Center for Injury Prevention and Control (NCIPC, Injury Center) is soliciting investigator-initiated research to understand and prevent firearm-related injuries, deaths, and crime. For the purposes of this announcement, firearm-related injuries, deaths, and crime include mass shooting incidents, other firearm homicides/assaults, firearm suicides/self-harm, unintentional firearm deaths and injuries, and firearm-related crime. The intent of this announcement is to support research to help inform the development of innovative and promising opportunities to enhance safety and prevent firearm-related injuries, deaths, and crime, and rigorously evaluate the effectiveness of innovative and promising strategies to keep individuals, families, schools, and communities safe from firearm-related injuries, deaths, and crime. Applications are due by [May 5, 2020](#). [Read more information](#).

NEW NIH: Firearm Injury and Mortality Prevention Research (R61 Clinical Trial Optional)
PAR-20-143

Application Submission Deadline: May 15, 2020

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. The Joint Explanatory Statement accompanying the FY2020 Further Consolidated Appropriations Act (H.R. 1865) 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-20-068, NOT-OD-20-066), 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 evaluation 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 letter of intent is due 30 days prior to the application due date. Applications are due by 5pm local time of applicant organization on [May 15, 2020](#). [Read more information](#).

NEW NIH: Notice of Special Interest (NOSI): Competitive Revisions for Firearms Injury and Mortality Prevention Research

NOT-OD-20-089

Application Submission Deadline: May 15, 2020

This Notice solicits competitive revision applications to support the expansion of existing R01 and R21 programs well poised to expand their focus to include firearms research as described below. Revision applications can support a significant expansion of the scope and research protocol approved and funded for the "parent" award on which the revision application is based. Prospective investigators can consult the contact list below to ensure that projects will contribute considerably to achieving the goal of this Notice. 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. The Joint Explanatory Statement accompanying the FY2020 Further Consolidated Appropriations Act (H.R. 1865) 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-20-068](#), [NOT-OD-20-066](#)), the NIH, via this NOSI, 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 evaluation 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. Applications are due by May 15, 2020. [Read more information](#).

**NIJ: Research and Evaluation on School Safety
NIJ-2020-17308**

Application Submission Deadline: April 13, 2020

The U.S. Department of Justice (DOJ), Office of Justice Programs (OJP), National Institute of Justice (NIJ) is seeking applications for funding to conduct research and evaluation to enhance knowledge to improve the safety of schools and students. Specifically, applicants should propose research and evaluation projects that will study the root causes of school violence and/or the activities or purpose areas addressed by STOP School Violence Act projects. This program furthers the Department's mission by developing knowledge to advance school safety operations and practices to deliver school safety services to communities more effectively and efficiently at the state, local, and tribal levels. Applications are due by April 13, 2020. [Read more information](#).

SEXUAL AND GENDER IDENTITY EXPRESSION

**NIH: Research on the Health of Transgender and Gender Nonconforming Populations (R01 Clinical Trial Optional)
(R21 Clinical Trial Optional)**

PA-18-729, PA-18-728

Application Submission Deadline: June 5, 2020 (R01), June 16, 2020 (R21)

This funding opportunity announcement (FOA) calls for research on the health of transgender and gender nonconforming people of all ages, including both youth and adults who are questioning their gender identity and those individuals who are making or who have made a transition from being identified as one gender to the other. This group encompasses individuals whose gender identity differs from the sex on their original birth certificate or whose gender expression varies significantly from what is traditionally associated with or typical for that sex. Applications are due by June 5, 2020 (R01) or June 16, 2020 (R21).

SOCIAL PSYCHOLOGY

**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](#).

SUBSTANCE USE AND ABUSE

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

Application Submission Deadline: June 16, 2020

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, 2020. [Read more information](#).

**NIDA: Research Center of Excellence Grant Program (P50 Clinical Trial Optional)
PAR-19-259**

Application Submission Deadline: September 25, 2020

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, 2020. [Read more information](#).

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

Application Submission Deadline: July 22, 2020

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 July 22, 2020. [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, 2020

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, 2020. [Read more information](#).

NIH: Addressing the Challenges of the Opioid Epidemic in Minority Health and Health Disparities Research in the U.S. (R21 Clinical Trial Optional) (R01 Clinical Trial Optional)

PAR-18-745, PAR-18-747**Application Submission Deadline: June 15, 2020**

The purpose of this Funding Opportunity Announcement (FOA) is to encourage developmental and exploratory research focused on determining the mechanisms for the variation in the prevalence of Opioid Use Disorder (OUD), and understanding and reducing disparities in opioid care in minority health and health disparity populations in the U.S. This initiative will also seek to identify multi-level intervention strategies at the institutional and systems level for addressing OUD in these populations. Letters of intent are due 30 days prior to application submission deadline. Applications are due by June 15, 2020. Read more information: [R21](#), [R01](#).

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, 2020 (R01), June 16, 2020 (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, 2020 ([R01](#)) and June 16, 2020 ([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 27, 2020**

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 27, 2020. Read more information: [R01](#), [R21](#).

NIH: Mechanistic Investigations of Psychosocial Stress Effects on Opioid Use Patterns (R01- Clinical Trial Optional) (R21- Clinical Trial Optional)**PAS-18-624, PAS-18-625****Application Submission Deadline: June 5, 2020 (R01), June 16, 2020 (R21)**

This funding opportunity announcement (FOA) invites innovative research to characterize the consequences of psychosocial stress on affective/cognitive functioning and/or pain processing as it relates to opioid use disorder (OUD). This FOA encourages research that elucidates mechanisms of action and determinants of vulnerability and/or resilience by which psychosocial stress influence OUD trajectories. Research using basic or clinical approaches is appropriate. Letters of intent are due 30 days prior to the application deadline. Applications are due by June 5, 2020 ([R01](#)) and June 16, 2020 ([R21](#)).

NIH: Multi-Site Studies for System-Level Implementation of Substance Use Prevention and Treatment Services (R01, R34)**PAR-18-222, PAR-18-223****Application Submission Deadline: July 17, 2020**

As part of the Collaborative Research on Addiction at NIH (CRAN) initiative, NIDA, NIAAA, and NCI join to issue this FOA. The purpose of this FOA is to support the development and testing of interventions, models, and/or frameworks that examine system-level implementation of evidence-based interventions, guidelines, or principles to improve the delivery, uptake, quality, and sustainability of substance use prevention and treatment interventions and services. Letters of intent are due 30 days prior to the application due date. Applications are due by 5:00 PM local time of applicant organization on July 17, 2020. Read more information: [R01](#), [R34](#).

NIH: NIDA Avant-Garde Award Program for HIV/AIDS and Drug Use Research (DP1)**RFA-DA-18-019****Application Submission Deadline: August 14, 2020**

The NIDA Avant-Garde Award Program for HIV/AIDS Research supports individual scientists of exceptional creativity who propose high-impact research that will open new areas of HIV/AIDS research relevant to drug abuse and/or lead to new avenues for prevention and treatment of HIV/AIDS among drug abusers. The term “avant-garde” is used to describe highly innovative approaches that have the potential to be transformative. The proposed research should reflect approaches and ideas that are substantially different from those already being pursued by the investigator or others and should support the NIH HIV/AIDS Research Priorities <https://grants.nih.gov/grants/guide/notice-files/NOT-OD-15-137.html>. The NIDA Avant-Garde award supports innovative, basic research that may lead to improved preventive

interventions or therapies; creative, new strategies to prevent disease transmission; novel approaches to improve disease outcomes; and creative approaches to eradicating HIV or improving the lives of those living with HIV. Applications are due by 5pm local time of applicant organization on August 14, 2020. [Read more information](#).

NIH: Secondary Analyses of Existing Alcohol Research Data (R01)

PA-17-467

Application Submission Deadline: June 5, 2020

This Funding Opportunity Announcement (FOA) encourages the submission of investigator-initiated research grant applications to support the secondary analysis of existing data sets with the goal of enhancing our understanding of patterns of alcohol consumption, the epidemiology and etiology, including genetics, of alcohol-related problems. Research grants for the Secondary Analyses of Existing Alcohol Research Data are intended to provide support for studies that utilize currently available data sets to increase our understanding of the incidence, prevalence and etiology of alcohol related problems and disorders in the population, as well as the risk and protective factors associated with them. Research that employs analytic techniques which demonstrate or promote methodological advances in alcohol-related epidemiologic and Genetics/Genomics research is also of interest. Applications are due by June 5, 2020. [Read more information](#).

TECHNOLOGY

NIH: Short-term Mentored Career Enhancement Awards in Mobile and Wireless Health Technology and Data Analytics: Cross-Training at the intersection of Behavioral and Social Sciences and STEM Disciplines (K18 Independent Clinical Trial Not Allowed)

PAR-18-881

Application Submission Deadline: July 12, 2020

The goal of the program is to support the development of research capability in mobile and wireless health technology (e.g., wearable devices, mobile applications, electronic health records, data analytics). Special emphasis will be given to independent behavioral and social sciences investigators who seek to train in a STEM discipline (e.g., big data analysis, computational modeling, engineering, computer science, and mathematics) or to STEM scientists who wish to train in a behavioral and social science discipline. 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. Applicants proposing a clinical trial or an ancillary clinical trial as lead investigator, should apply to the companion FOA (PAR-18-882). Applications are due on July 12, 2020. [Read more information](#).

NIH: Short-term Mentored Career Enhancement Awards in Mobile and Wireless Health Technology and Data Analytics: Cross-Training at the intersection of Behavioral and Social Sciences and STEM Disciplines (K18 Independent Clinical Trial Required)

PAR-18-882

Application Submission Deadline: July 12, 2020

The goal of the program is to support the development of research capability in mobile and wireless health technology (e.g., wearable devices, mobile applications, electronic health records, data analytics). Special emphasis will be given to independent behavioral and social sciences investigators who seek to train in a STEM discipline (e.g., big data analysis, computational modeling, engineering, computer science, and mathematics) or to STEM scientists who wish to train in a behavioral and social science discipline. This Funding Opportunity Announcement (FOA) 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. Applicants not planning an independent clinical trial, or proposing to gain research experience in a clinical trial led by another investigator, must apply to companion FOA (PAR-18-881). Applications are due on July 12, 2020. [Read more information](#).