



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

October 2019

## Highlights –

This month's FFO highlights three NIH funding opportunities. The first is a funding opportunity to support research to address ethical issues in translational science research. 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. [RFA-TR-20-001](#). The second is a funding opportunity 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. [PAR-20-031](#); [PAR-20-032](#); [PAR-20-033](#). The third is a funding opportunity to promote a greater understanding of the challenges faced by rural population groups, for the development (or adoption/adaptation) of evidence-based interventions that can reduce health risks faced by rural Americans. [RFA-NR-20-001](#).

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## CAREER DEVELOPMENT AND RECOGNITION

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

#### **Application Submission Deadline: January 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 January 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: February 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 February 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: February 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 February 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: December 13, 2019**

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 December 13, 2019. [Read more information](#).

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

#### **Application Submission Deadline: February 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 February 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: February 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 February 12, 2020. Read more information: [PA-19-131](#); [PA-19-132](#).

**NIH: International Research Scientist Development Award (IRSDA) (K01) Independent Clinical Trial Not Allowed**  
**PAR-18-539**

**Application Submission Deadline: March 6, 2020**

The purpose of the International Research Scientist Development Award (IRSDA) is to provide support and protected time (three to five years) to advanced postdoctoral U.S. research scientists and recently-appointed U.S. junior faculty (applicants must be at least two years beyond conferral of doctoral degree) for an intensive, mentored research career development experience in a low- or middle-income country (LMIC), as defined by the World Bank, leading to an independently-funded research career focused on global health. This Funding Opportunity Announcement (FOA) invites applications from postdoctoral research scientists and junior faculty from any health-related discipline who propose career development activities and a research project that is relevant to the health priorities of the LMIC under the mentorship of LMIC and U.S. mentors. This 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. Applicants proposing a clinical trial or an ancillary study to an ongoing clinical trial as lead investigator, should apply to the companion FOA (PAR-18-540). Applications are due by 5pm local time of applicant organization on March 6, 2020. [Read more information](#).

**NIH: International Research Scientist Development Award (IRSDA) (K01) Independent Clinical Trial Required**  
**PAR-18-540**

**Application Submission Deadline: March 6, 2020**

The purpose of the International Research Scientist Development Award (IRSDA) is to provide support and protected time (three to five years) to advanced postdoctoral U.S. research scientists and recently-appointed U.S. junior faculty (applicants must be at least two years beyond conferral of doctoral degree) for an intensive, mentored research career development experience in a low- or middle-income country (LMIC), as defined by the World Bank leading to an independently-funded research career focused on global health. This Funding Opportunity Announcement (FOA) invites applications from postdoctoral research scientists and junior faculty from any health-related discipline who propose career development activities and a research project that is relevant to the health priorities of the LMIC under the mentorship of LMIC and U.S. mentors. This 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 study to an existing 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-18-539). Applications are due by 5pm local time of applicant organization on March 6, 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: February 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 February 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: February 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 February 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: February 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 February 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: February 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 February 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: February 6, 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 February 6, 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: February 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 February 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: February 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 February 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: February 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 February 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: February 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 February 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: February 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 February 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: December 8, 2019**

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 December 8, 2019. [Read more information](#).

**NIH: Ruth L. Kirschstein National Research Service Award (NRSA) Individual Postdoctoral Fellowship (Parent F32) PA-19-188****PA-19-188****Application Submission Deadline: December 8, 2019**

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 December 8, 2019. [Read more information](#).

**NIH: Ruth L. Kirschstein National Research Service Award (NRSA) Individual Senior Fellowship (Parent F33) PA-19-187**

**Application Submission Deadline: December 8, 2019**

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 December 8, 2019. [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](#).

**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: December 6, 2019**

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 [December 6, 2019](#). [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](#).

**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: 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: December 8, 2019**

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 December 8, 2019. [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: February 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 February 16, 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: December 6, 2019**

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 December 6, 2019. [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: February 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 February 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: February 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 February 12, 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**

**NICHHD: Exploratory/Developmental Research Grant (R21 - Clinical Trial Optional)**

**PA-18-482**

**Application Submission Deadline: February 16, 2020**

The NICHHD Exploratory/Developmental Grant program supports exploratory and developmental research projects that fall within the NICHHD 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 February 16, 2020. [Read more information](#).

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

**Application Submission Deadline: February 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 February 5, 2020. [Read more information](#).

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

**Application Submission Deadline: February 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 February 16, 2020. [Read more information](#).

**NIDA: Program Project Grant Applications (P01 Clinical Trial Optional)**  
**PAR-19-345**

**Application Submission Deadline: January 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 January 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: February 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 February 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: February 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 February 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: February 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 February 5, 2019. 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: February 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 February 5, 2019. [Read more information](#).

## BY TOPIC

### ARTS

**NEA: Sound Health Network**

**NEAPS1903**

**Application Submission Deadline: November 19, 2019**

The Sound Health program seeks to expand public understanding of the connections between music and wellness: how music is processed by the brain, how music can impact development and learning, and the therapeutic use of music for specific health conditions. Launched in 2016, Sound Health is a partnership between the National Institutes of Health (“NIH”) and the John F. Kennedy Center for the Performing Arts (“Kennedy Center”), in association with the National Endowment for the Arts (“Arts Endowment”) (individually known as “Partner” and collectively known as “the Partnership”). It has become clear that greater organizational capacity is needed to create and sustain a trans-disciplinary network of researchers and practitioners to promote knowledge about music’s role in brain development and health and wellness across the lifespan. In response to this need, the Arts Endowment will establish the Sound Health Network to connect relevant subject matter experts (individuals and organizations) and other appropriate entities together in order to leverage and inform each other’s work. The Sound Health Network will identify and distribute compelling research, news, and information across to the public; it will regularly convene Sound Health Network participants with audiences and stakeholders who can benefit directly from this knowledge; and it will provide technical and logistical support for collaborations that may occur between participants within the Sound Health Network. Longer-term, the Sound Health Network also will consider the feasibility of exploring how other art forms, in addition to music, may connect with brain and wellness issues. Applications are due by November 19, 2019. [Read more information](#).

### ADOLESCENCE

**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: February 5, 2020 (R01), February 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 [February 5, 2020 \(R01\)](#) and [February 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: January 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 [January 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: February 5, 2020 (R01), February 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 [February 5, 2020 \(R01\)](#) and [February 16, 2020 \(R21\)](#).

**ADVERSE EXPERIENCES****NCI: Improving Outcomes for Pediatric, Adolescent and Young Adult Cancer Survivors (U01 Clinical Trial Required)****RFA-CA-19-033****Application Submission Deadline: January 3, 2020**

Through this Funding Opportunity Announcement (FOA), the National Cancer Institute (NCI) will stimulate the scientific development of effective, feasible, and scalable interventions to address adverse physical and psychosocial effects in survivors of pediatric and/or adolescent/young adult (AYA) cancers. These interventions may be delivered by providers, communities, and/or healthcare systems. This FOA requests applications from investigators to develop and test interventions that prevent, mitigate or manage adverse outcomes in pediatric and/or AYA cancer survivors and/or evaluate models of care that strengthen coordination, continuity, and quality, or that reduce access barriers to needed services including follow-up care, and that improve outcomes across the survivor's lifespan. Development of interventions to address disparities in outcomes and/or access to needed care, and to address the needs of minority or medically underserved pediatric and/or AYA populations is of high priority. Letters of intent are due 30 days prior to the application due date. Applications are due by 5pm local time of applicant organization on [January 3, 2020](#). [Read more information](#).

**NIH: End-of-Life and Palliative Needs of Adolescents and Young Adults (AYA) with Serious Illnesses (R01 Clinical Trial Optional) (R21 Clinical Trial Optional)****PAR-19-136; PAR-19-153****Application Submission Deadline: February 5, 2020 (R01), February 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 [February 5, 2020 \(R01\)](#) and [February 16, 2020 \(R21\)](#).

**BEHAVIOR**

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

**PA-19-092**

**Application Submission Deadline: February 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 [February 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: February 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 [February 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: February 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 [February 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: February 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 February 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: February 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 February 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: February 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 February 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, 2020**

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, 2020. [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, 2020**

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

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

**PA-19-091**

**Application Submission Deadline: February 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 February 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: February 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 February 16, 2020. [Read more information](#).

**NIH: BRAIN Initiative: Development of Next Generation Human Brain Imaging Tools and Technologies (U01 Clinical Trial Not Allowed)**

**RFA-EB-19-002**

**Application Submission Deadline: September 3, 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: March 6, 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 March 6, 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: March 6, 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. Letters of intent are due on August 3, 2019. Applications are due by 5pm local time of applicant organization on March 6, 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: February 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 February 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: 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: February 5, 2020 (R01), February 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 February 5, 2020 ([R01](#)) and February 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](#).

**NIH: 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: February 5, 2020 (R01), February 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 February 5, 2020 for [R01](#) and by February 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: February 5, 2020 (R01), February 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 February 5, 2020 ([R01](#)) and February 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: Data Sharing for Demographic Research Infrastructure Program (R24 Clinical Trial Not Allowed)**

**RFA-HD-20-001**

**Application Submission Deadline: November 29, 2019**

The purpose of this funding opportunity announcement (FOA) is to increase the impact of NICHD-funded research within the scientific mission of the NICHD Population Dynamics Branch (PDB) by providing research infrastructure to: promote data sharing; support the development of procedures and technologies for data sharing; disseminate best practices in

data sharing; provide a resource that catalogs NICHD-funded data available for secondary analysis; and promote the secondary analysis of data collected through NICHD grants to research teams outside the original grantees. 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 29, 2019. [Read more information](#).

**New NIH: Ethical Issues in Translational Science Research (R01 Clinical Trial Optional)  
RFA-TR-20-001**

**Application Submission Deadline: February 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 February 6, 2020. [Read more information](#).

**NIH: Using Archived Data and Specimen Collections to Advance Maternal and Pediatric HIV/AIDS Research (R21 Clinical Trial Not Allowed)  
RFA-HD-20-020**

**Application Submission Deadline: November 1, 2019**

The purpose of this Funding Opportunity Announcement (FOA) is to address the needs of the maternal and pediatric HIV scientific community for research data translation and sharing. This initiative will support secondary data analyses using archived HIV/AIDS data and specimens to generate new research questions and findings relevant to the scientific mission and priorities of the NICHD, Maternal and Pediatric Infectious Disease Branch (MPIDB) and Office of AIDS Research (OAR). The goal of this initiative is to continue the encouragement of the scientific community to utilize HIV/AIDS archived data sets and specimen collections to answer important questions about the epidemiology, pathogenesis, treatment, clinical manifestations and complications of HIV/AIDS in maternal, pediatric and adolescent populations. Letters of intent are due 30 days prior to the application due date. Applications are due by November 1, 2019. [Read more information](#).

**DEVELOPMENTAL DISABILITIES**

**New 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: December 20, 2019**

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 December 20, 2019. [PAR-20-031](#); [PAR-20-032](#); [PAR-20-033](#).

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

**NIH: Pregnancy in Women with Disabilities (R01)  
PA-17-452**

**Application Submission Deadline: February 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 February 5, 2020. [Read more information](#).

**NIH: Pregnancy in Women with Disabilities (R03)**

**PA-17-451**

**Application Submission Deadline: February 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 February 16, 2020. [Read more information](#).

**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: November 14, 2019**

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 November 14, 2019. 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: Collaborative Minority Health and Health Disparities Research with Tribal Epidemiology Centers (R01 Clinical Trial Not Allowed), (R21 Clinical Trial Not Allowed)**

**PAR-17-484, PAR-17-483**

**Application Submission Deadline: December 4, 2019**

The purpose of this initiative is to support collaborative research between Tribal Epidemiology Centers (TEC) and extramural investigators on topics related to minority health and health disparities in American Indian / Alaska Native (AI/AN) populations. Such partnerships are proposed to support community-responsive, scientifically rigorous projects with findings disseminated to local stakeholders, the Indian Health Service, and the scientific community. One or more TECs may collaborate with academic researchers, tribal governments or other tribal organizations, clinicians, healthcare organizations, public health organizations, school systems, faith-based organizations, or other relevant stakeholders to achieve FOA objectives. Primary data collection may be used to supplement existing data. Research study samples may consist exclusively of AI/AN populations or may include non-AI/AN populations as appropriate to address a specific research question. Appropriate pooling or comparison of health-related data across multiple TECs is strongly encouraged, as are projects that link multiple types of data sources (e.g., IHS, BRFSS, Census, Vital Statistics, health care systems, and administrative data on health-related social determinants.). Projects that do not involve using TEC-generated or TEC-compiled data or public health interventions implemented and/or evaluated by the TEC are not targeted



for support under this FOA. Applications for both activities codes are due on December 4, 2019. Read more information: [R01](#), [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: Reducing Health Disparities Among Minority and Underserved Children (R01 Clinical Trial Optional) (R21 Clinical Trial Optional)**

**PA-18-152, PA-18-169**

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

This initiative encourages research that targets the reduction of health disparities among children. Investing in early childhood development is essential. Specific targeted areas of research include bio-behavioral studies that incorporate multiple factors that influence child health disparities such as biological (e.g., genetics, cellular, organ systems), lifestyle factors, environmental (e.g., physical and family environments) social (e.g., peers), economic, institutional, and cultural and family influences; studies that target the specific health promotion needs of children with a known health condition and/or disability; and studies that test, evaluate, translate, and disseminate health promotion, prevention, and interventions conducted in traditional and non-traditional settings. Applications are due by February 5, 2020 (R01) and February 16, 2020 (R21). Read more information: [R01](#), [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](#).

**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](#).

## **FAMILIES**

**ACF: Secondary Analyses of Strengthening Families Datasets  
HHS-2020-ACF-OPRE-PR-1565**

**Application Submission Deadline: November 25, 2019**

The Office of Planning, Research, and Evaluation (OPRE) within the Administration for Children and Families (ACF) in the Department of Health and Human Services (HHS) plans to award up to ten cooperative agreements to fund research to conduct secondary data analysis of archived data, specifically the Building Strong Families (BSF), Supporting Healthy Marriage (SHM), and Parents and Children Together (PACT) datasets. These datasets are from large-scale federal evaluation impact studies, which addressed questions related to healthy marriage and/or responsible fatherhood. Successful applicants will demonstrate a familiarity with the proposed data for their analysis and an adequate understanding of the variables, sampling, methodology, etc. used to construct the dataset necessary for completion of the work proposed in the application. Proposed research should address topics relevant to strengthening families to improve the lives of children and parents, as well as promote economic stability. Topics of interest include, but may not be limited to the following: mediators of healthy marriage, relationship education, and/or fatherhood programs; measurement issues related to healthy marriage, relationship education, and/or fatherhood programs with low-income families; or father involvement in low-income families. Letters of intent are due by September 11, 2019. Applications are due by November 25, 2019. [Read more information](#).

## **EDUCATION**

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

**Application Submission Deadline: Second Friday in December, Annually**

The Alliances for Graduate Education and the Professoriate (AGEP) program seeks to advance knowledge about models to improve pathways to the professoriate and success for historically underrepresented minority doctoral students,

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

## **HEALTH**

### **AHRQ: Health Services Research Projects (R01)**

**PA-18-795**

#### **Application Submission Deadline: February 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 February 5, 2020. [Read more information](#).

### **NCI: Improving Outcomes for Pediatric, Adolescent and Young Adult Cancer Survivors (U01 Clinical Trial Required)**

**RFA-CA-19-033**

#### **Application Submission Deadline: January 20, 2020**

Through this Funding Opportunity Announcement (FOA), the National Cancer Institute (NCI) will stimulate the scientific development of effective, feasible, and scalable interventions to address adverse physical and psychosocial effects in survivors of pediatric and/or adolescent/young adult (AYA) cancers. These interventions may be delivered by providers, communities, and/or healthcare systems. This FOA requests applications from investigators to develop and test interventions that prevent, mitigate or manage adverse outcomes in pediatric and/or AYA cancer survivors and/or evaluate models of care that strengthen coordination, continuity, and quality, or that reduce access barriers to needed services including follow-up care, and that improve outcomes across the survivor's lifespan. Development of interventions to address disparities in outcomes and/or access to needed care, and to address the needs of minority or medically underserved pediatric and/or AYA populations is of high priority. Letters of intent are due 30 days prior to the application due date. Applications are due by 5pm local time of applicant organization on January 20, 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: February 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 February 16, 2020. [Read more information](#).

**NEW NIH: Strategies to Improve Health Outcomes and to Reduce Disparities in Rural Populations (R01 Clinical Trial Optional)**

**RFA-NR-20-001****Application Submission Deadline: December 13, 2019**

This RFA encourages research to promote a greater understanding of the challenges faced by rural population groups, for the development (or adoption/adaptation) of evidence-based interventions that can reduce health risks faced by rural Americans. Both prevention and treatment interventions are needed to address rural health issues. Prevention strategies should address and measure reductions in risk factors and enhancement of protective factors, while treatment approaches would seek to measure and address amelioration of health in individuals living with existing conditions. To accomplish these goals, the research community will be encouraged to use a wide range of culturally appropriate methodological approaches that can enhance access to and acceptability of interventions in rural settings, such as telehealth and community-based prevention research, where appropriate. It is our hope that research supported under this RFA will contribute to our knowledge of the sustainability of health promotion and disease prevention strategies in rural settings. Applications are due by December 13, 2019. [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: November 14, 2019**

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 November 14, 2019. Read more information : [R21](#), [R01](#).

**NIH: Clinical Sites for the ECHO IDeA States Pediatric Clinical Trials Network - 2 (UG1 Clinical Trial Required)****RFA-OD-19-026****Application Submission Deadline: December 2, 2019**

This funding opportunity announcement (FOA), issued by the Office of the Director (OD), National Institutes of Health (NIH), invites applications from entities/institutions in Institutional Development Award (IDeA)-eligible States to participate as Clinical Sites in the Environmental Influences on Child Health Outcomes (ECHO) IDeA States Pediatric Clinical Trials Network (ISPCTN). The Clinical Sites of the ISPCTN will conduct multicenter clinical trials research, assuring the participation of children living in rural or underserved communities located in IDeA states, and build pediatric research capacity for IDeA states to support the conduct of clinical trials of relevance to rural or underserved children in IDeA states. The Clinical Sites and the Data Coordinating and Operations Center, together, will form the ISPCTN. The ISPCTN is the intervention part of the ECHO program and supports its overall mission: to enhance the health of children for generations to come. The award will support clinical trial pediatric research in the 5 focus areas of the ECHO program including: pre-, peri-, and postnatal outcomes; obesity; upper and lower airways; neurodevelopment; and positive health. Letters of intent are due by November 2, 2019. Applications are due by 5pm local time of applicant organization on December 2, 2019. [Read more information](#).

**NIH: Collaborative Minority Health and Health Disparities Research with Tribal Epidemiology Centers (R01 Clinical Trial Not Allowed), (R21 Clinical Trial Not Allowed)****PAR-17-484, PAR-17-483****Application Submission Deadline: December 4, 2019**

The purpose of this initiative is to support collaborative research between Tribal Epidemiology Centers (TEC) and extramural investigators on topics related to minority health and health disparities in American Indian / Alaska Native (AI/AN) populations. Such partnerships are proposed to support community-responsive, scientifically rigorous projects with findings disseminated to local stakeholders, the IHS, and the scientific community. One or more TECs may collaborate with academic researchers, tribal governments or other tribal organizations, clinicians, healthcare organizations, public health organizations, school systems, faith-based organizations, or other relevant stakeholders to achieve FOA objectives. Primary data collection may be used to supplement existing data. Research study samples may consist exclusively of AI/AN populations or may include non-AI/AN populations as appropriate to address a specific research question. Appropriate pooling or comparison of health-related data across multiple TECs is strongly encouraged, as are projects that link multiple types of data sources (e.g., IHS, BRFSS, Census, Vital Statistics, health care systems, and administrative data on health-related social determinants.). Projects that do not involve using TEC-generated or TEC-compiled data or public health interventions implemented and/or evaluated by the TEC are not targeted for support under this FOA. Applications for both activities codes are due on December 4, 2019. Read more information: [R01](#), [R21](#).

**NIH: Community Partnerships to Advance Research (CPAR) (R01 Clinical Trial Optional), (R21 Clinical Trial Optional)**

**PA-18-377, PA-18-381**

**Application Submission Deadline: February 5, 2020 (R01), February 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 February 5, 2020 ([R01](#)) and February 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: January 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 January 7, 2020. Read more information: [R01](#), [R21](#), [R34](#).

**NEW 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: December 20, 2019**

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 December 20, 2019. [PAR-20-031](#); [PAR-20-032](#); [PAR-20-033](#).

**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: Limited Competition: Specialized Centers of Excellence on Environmental Health Disparities Research [P50 Clinical Trial Optional]**

**RFA-MD-20-001**

**Application Submission Deadline: November 22, 2019**

This Funding Opportunity Announcement (FOA) invites applications from eligible institutions of higher education for specialized center grants to support multidisciplinary research, research capacity building, and community-engaged research activities focused on understanding and reducing or eliminating environmental health disparities, defined as inequities in population health mediated by disproportionate adverse exposures associated with the physical, chemical, social and built environments. 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 22, 2019. [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: February 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 February 5, 2020. [Read more information](#).

**NIH: Nutrition and Alcohol-Related Health Outcomes (R03) (R01) (R21)**

**PA-17-212, PA-17-211, PA-17-213**

**Application Submission Deadline: February 5, 2020 (R01), February 16, 2020 (R03, R21)**

This Funding Opportunity Announcement (FOA) encourages applications that propose to examine associations between nutrition and alcohol-related health outcomes in humans and animal models. The goal of this FOA is to stimulate a broad range of research on the role of nutrition in the development, prevention, and treatment of a variety of alcohol-related health outcomes including alcohol use disorder and chronic disease. Applications are due by 5pm local time of applicant organization on February 5, 2020 ([R01](#)), February 16, 2020 ([R03](#), [R21](#)).

**NIH: Planning Grants for Pragmatic Research in Healthcare Settings to Improve Diabetes and Obesity Prevention and Care (R34 Clinical Trial Required)**

**PAR-18-924**

**Application Submission Deadline: November 1, 2019**

The purpose of this Funding Opportunity Announcement (FOA) is to seek research applications that pilot test approaches to improve diabetes and obesity prevention and/or treatment in healthcare settings where individuals receive their medical care. Research applications should be developed to pilot test practical and sustainable strategies to improve processes of care and health outcomes for individuals with or at risk of diabetes and/or obesity. The research should also focus on approaches with the potential to be broadly disseminated outside the specific setting where it is being tested. The goal is that, if the pilot study shows promising results, the data from the R34 will be used to support a full-scale trial focused on improving routine healthcare practice and informing healthcare policy for the prevention or management of diabetes and obesity. Therefore, interventions must be integrated into the existing healthcare structure and/or processes. The healthcare setting may not be used solely as a venue for recruitment. Applications are due by 5pm local time of applicant organization on November 1, 2019. [Read more information](#).

**NIH: Reducing Health Disparities Among Minority and Underserved Children (R01 Clinical Trial Optional) (R21 Clinical Trial Optional)**

**PA-18-152, PA-18-169**

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

This initiative encourages research that targets the reduction of health disparities among children. Investing in early childhood development is essential. Specific targeted areas of research include bio-behavioral studies that incorporate multiple factors that influence child health disparities such as biological (e.g., genetics, cellular, organ systems), lifestyle factors, environmental (e.g., physical and family environments) social (e.g., peers), economic, institutional, and cultural and family influences; studies that target the specific health promotion needs of children with a known health condition and/or disability; and studies that test, evaluate, translate, and disseminate health promotion, prevention, and interventions conducted in traditional and non-traditional settings. Applications are due by February 5, 2020 (R01) and February 16, 2020 (R21). Read more information: [R01](#), [R21](#).

**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, 2020**

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, 2020. [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, 2020**

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, 2020. [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: February 5, 2020 (R01), February 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 February 5, 2020 (R01) or February 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](#).

**HIV/AIDS**

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

**PA-18-916**

**Application Submission Deadline: January 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 January 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: February 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 February 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: January 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 January 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: February 5, 2020 (R01), February 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 February 5, 2020 ([R01](#)) and February 16, 2020 ([R21](#)).

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

**Application Submission Deadline: January 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 January 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](#).

**NIH: Using Archived Data and Specimen Collections to Advance Maternal and Pediatric HIV/AIDS Research (R21 Clinical Trial Not Allowed)**  
**RFA-HD-20-020**

**Application Submission Deadline: November 1, 2019**

The purpose of this Funding Opportunity Announcement (FOA) is to address the needs of the maternal and pediatric HIV scientific community for research data translation and sharing. This initiative will support secondary data analyses using archived HIV/AIDS data and specimens to generate new research questions and findings relevant to the scientific mission and priorities of the NICHD, Maternal and Pediatric Infectious Disease Branch (MPIDB) and Office of AIDS Research (OAR). The goal of this initiative is to continue the encouragement of the scientific community to utilize HIV/AIDS archived data sets and specimen collections to answer important questions about the epidemiology, pathogenesis, treatment, clinical manifestations and complications of HIV/AIDS in maternal, pediatric and adolescent populations. Letters of intent are due 30 days prior to the application due date. Applications are due by November 1, 2019. [Read more information](#).

## **INFANTS**

### **NIH: Pregnancy in Women with Disabilities (R01)**

**PA-17-452**

#### **Application Submission Deadline: February 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 February 5, 2020. [Read more information](#).

### **NIH: Pregnancy in Women with Disabilities (R03)**

**PA-17-451**

#### **Application Submission Deadline: February 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 February 16, 2020. [Read more information](#).

## **INTERNATIONAL**

### **NIH: International Research Scientist Development Award (IRSDA) (K01) Independent Clinical Trial Not Allowed PAR-18-539**

#### **Application Submission Deadline: March 6, 2020**

The purpose of the International Research Scientist Development Award (IRSDA) is to provide support and protected time (three to five years) to advanced postdoctoral U.S. research scientists and recently-appointed U.S. junior faculty (applicants must be at least two years beyond conferral of doctoral degree) for an intensive, mentored research career development experience in a low- or middle-income country (LMIC), as defined by the World Bank, leading to an independently-funded research career focused on global health. This Funding Opportunity Announcement (FOA) invites applications from postdoctoral research scientists and junior faculty from any health-related discipline who propose career development activities and a research project that is relevant to the health priorities of the LMIC under the mentorship of LMIC and U.S. mentors. This 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. Applicants proposing a clinical trial or an ancillary study to an ongoing clinical trial as lead investigator, should apply to the companion FOA (PAR-18-540). Applications are due by 5pm local time of applicant organization on March 6, 2020. [Read more information](#).

### **NIH: International Research Scientist Development Award (IRSDA) (K01) Independent Clinical Trial Required PAR-18-540**

#### **Application Submission Deadline: March 6, 2020**

The purpose of the International Research Scientist Development Award (IRSDA) is to provide support and protected time (three to five years) to advanced postdoctoral U.S. research scientists and recently-appointed U.S. junior faculty (applicants must be at least two years beyond conferral of doctoral degree) for an intensive, mentored research career

development experience in a low- or middle-income country (LMIC), as defined by the World Bank leading to an independently-funded research career focused on global health. This Funding Opportunity Announcement (FOA) invites applications from postdoctoral research scientists and junior faculty from any health-related discipline who propose career development activities and a research project that is relevant to the health priorities of the LMIC under the mentorship of LMIC and U.S. mentors. This 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 study to an existing 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-18-539). Applications are due by 5pm local time of applicant organization on March 6, 2020. [Read more information](#).

## **MATERNAL AND CHILD HEALTH**

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

**PA-18-776**

**Application Submission Deadline: February 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 February 5, 2020.

[Read more information](#).

### **NIH: Pregnancy as a Vulnerable Time Period for Women's Health (R01 Clinical Trial Not Allowed)**

**RFA-ES-20-003**

**Application Submission Deadline: December 6, 2019**

The purpose of this Funding Opportunity Announcement (FOA) is to accelerate multidisciplinary research projects studying the effects of environmental chemicals on maternal physiology, and endocrine and metabolic functions during and shortly after pregnancy, as well as potential long-term maternal health effects caused by environmental exposures. Letters of intent are due 30 days prior to the application due date. Applications are due by 5pm local time of applicant organization on December 6, 2019. [Read more information](#).

### **NIH: Pregnancy in Women with Disabilities (R03)**

**PA-17-451**

**Application Submission Deadline: February 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 February 16, 2020. [Read more information](#).

### **NIH: Using Archived Data and Specimen Collections to Advance Maternal and Pediatric HIV/AIDS Research (R21 Clinical Trial Not Allowed)**

**RFA-HD-20-020**

**Application Submission Deadline: November 1, 2019**

The purpose of this Funding Opportunity Announcement (FOA) is to address the needs of the maternal and pediatric HIV scientific community for research data translation and sharing. This initiative will support secondary data analyses using archived HIV/AIDS data and specimens to generate new research questions and findings relevant to the scientific mission and priorities of the NICHD, Maternal and Pediatric Infectious Disease Branch (MPIDB) and Office of AIDS Research (OAR). The goal of this initiative is to continue the encouragement of the scientific community to utilize HIV/AIDS archived data sets and specimen collections to answer important questions about the epidemiology, pathogenesis, treatment, clinical manifestations and complications of HIV/AIDS in maternal, pediatric and adolescent populations. Letters of intent are due 30 days prior to the application due date. Applications are due by November 1, 2019. [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: February 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 February 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: February 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 February 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: February 14, 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 February 14, 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: February 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 February 16, 2020. [Read more information](#).

**NIH: Secondary Data Analyses to Explore NIMH Research Domain Criteria (R03)**

**PAR-17-158**

**Application Submission Deadline: February 16, 2020**

This FOA seeks applications which propose secondary analyses of existing clinical research datasets to investigate constructs identified in the NIMH's Research Domain Criteria (RDoC) initiative and to test novel hypotheses using the RDoC framework. Applications are due by 5pm local time of applicant organization by February 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: Exploratory/Developmental Research Grant (R21 - Clinical Trial Not Allowed)**

**PA-18-350**

**Application Submission Deadline: February 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 February 16, 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: December 6, 2019**

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 December 6, 2019. [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: February 5, 2020 (R01), February 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 February 5, 2020 for [R01](#) and by February 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: February 14, 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 February 14, 2020. [Read more information](#).

**NIMH: Refinement and Testing of Interventions to Sustain ADHD Treatment Effects Across Settings and Developmental Transitions (R34 Clinical Trial Required)**

**RFA-MH-20-100**

**Application Submission Deadline: November 15, 2019**

The National Institute of Mental Health (NIMH) seeks applications for pilot projects to evaluate the preliminary effectiveness of augmented or modified interventions designed to promote sustained improvement in attention-deficit/hyperactivity disorder (ADHD) symptoms and functional impairments across settings and transitions in children, adolescents, and young adults. An emphasis is placed on trials that go beyond seeking incremental gains in intervention effects, and instead take a theory-driven, empirical approach to applying modifications that will have a significant and enduring impact on functioning. In this pilot phase of effectiveness research, the trial should be designed to evaluate the feasibility, tolerability, acceptability, safety, and potential effectiveness of the approach; to address whether the intervention engages the target mechanism(s) presumed to underlie the intervention effects; and to obtain necessary preliminary data as a pre-requisite to a larger-scale, definitive effectiveness trial. Applications are due by 5pm local time of applicant organization on November 15, 2019. [Read more information](#).

**NIH: Secondary Data Analysis to Examine Long-Term and/or Potential Cross-Over Effects of Prevention Interventions: What are the Benefits for Preventing Mental Health Disorders? (R01 Clinical Trial Not Allowed)**  
**RFA-MH-20-110**

**Application Submission Deadline: January 2, 2020**

The purpose of this funding opportunity announcement (FOA) is to encourage research to integrate/harmonize existing data sets from preventive intervention trials implemented early in life to: 1) examine risk and protective factors relevant to later mental health outcomes in childhood, adolescence and young adulthood; and 2) determine whether preventive interventions delivered earlier in life have long-term effects, and/or cross-over effects (e.g., unanticipated beneficial effects), on important mental health outcomes, including serious mental illness (e.g., depression, anxiety, suicide ideation and behaviors, psychosis behaviors). Applications are due by 5pm local time of applicant organization on January 2, 2020. [Read more information](#).

**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: February 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 February 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: February 5, 2020 (R01), February 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 February 5, 2020 ([R01](#)) and February 16, 2020 ([R21](#)).

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

**PA-17-467**

**Application Submission Deadline: February 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 February 5, 2020. [Read more information](#).

## **NUTRITION**

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

**PA-18-856, PAR-18-857**

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

**NIH: Nutrition and Alcohol-Related Health Outcomes (R03) (R01) (R21)**

**PA-17-212, PA-17-211, PA-17-213****Application Submission Deadline: February 5, 2020 (R01), February 16, 2020 (R03, R21)**

This Funding Opportunity Announcement (FOA) encourages applications that propose to examine associations between nutrition and alcohol-related health outcomes in humans and animal models. The goal of this FOA is to stimulate a broad range of research on the role of nutrition in the development, prevention, and treatment of a variety of alcohol-related health outcomes including alcohol use disorder and chronic disease. Applications are due by 5pm local time of applicant organization on February 5, 2020 (R01), February 16, 2020 (R03, 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: November 13, 2019**

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 November 13, 2019. [Read more information](#).

**POLICY****NIH: Public Policy Effects on Alcohol-, Marijuana-, and Other Substance-Related Behaviors and Outcomes (R01) (R21) (R03)****PA-17-135, PA-17-132, PA-17-134****Application Submission Deadline: February 5, 2020 (R01), February 16, 2020 (R21, R03)**

This Funding Opportunity Announcement (FOA) encourages applications to conduct research on the effects of public policies on health-related behaviors and outcomes associated with alcohol, marijuana, and other substances. The purpose of the FOA is to advance understanding of how public policy may serve as a tool for improving public health and welfare through its effects on behaviors and outcomes pertaining to alcohol and other drugs. This FOA is intended to support innovative research to examine policy effects that have the potential to lead to meaningful changes in public health. Research projects that may be supported by this FOA include, but are not necessarily limited to: causal analyses of the effects of one or multiple public policies; evaluations of the effectiveness of specific public policies as tools for improving public health through their effects on alcohol-, marijuana-, and other substance-related behaviors and outcomes; and research to advance methods and measurement used in studying relationships between public policies and alcohol-, marijuana-, and other substance-related behaviors and outcomes. Applications are due by 5pm local time of applicant organization by February 5, 2020 (R01), and February 16, 2020 (R21, R03).

**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:** February 5, 2020 (R01), February 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 February 5, 2020 (R01) or February 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:** February 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 February 16, 2020. [Read more information](#).

**NIDA: Small Research Grant Program (R03 Clinical Trial Required)**

**PA-18-634**

**Application Submission Deadline:** February 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 February 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: February 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 February 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: November 14, 2019**

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

OAD in these populations. Letters of intent are due 30 days prior to application submission deadline. Applications are due by November 14, 2019. 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: February 5, 2020 (R01), February 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 February 5, 2020 ([R01](#)) and February 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: February 24, 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 February 24, 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: February 5, 2020 (R01), February 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 February 5, 2020 ([R01](#)) and February 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: November 13, 2019**

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 November 13, 2019. 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: Nutrition and Alcohol-Related Health Outcomes (R03) (R01) (R21)**

**PA-17-212, PA-17-211, PA-17-213**

**Application Submission Deadline: February 5, 2020 (R01), February 16, 2020 (R03, R21)**

This Funding Opportunity Announcement (FOA) encourages applications that propose to examine associations between nutrition and alcohol-related health outcomes in humans and animal models. The goal of this FOA is to stimulate a broad range of research on the role of nutrition in the development, prevention, and treatment of a variety of alcohol-related health outcomes including alcohol use disorder and chronic disease. Applications are due by 5pm local time of applicant organization on [February 5, 2020 \(R01\)](#), [February 16, 2020 \(R03, R21\)](#).

**NIH: Public Policy Effects on Alcohol-, Marijuana-, and Other Substance-Related Behaviors and Outcomes (R01) (R21) (R03)**

**PA-17-135, PA-17-132, PA-17-134**

**Application Submission Deadline: February 5, 2020 (R01), February 16, 2020 (R21, R03)**

This Funding Opportunity Announcement (FOA) encourages applications to conduct research on the effects of public policies on health-related behaviors and outcomes associated with alcohol, marijuana, and other substances. The purpose of the FOA is to advance understanding of how public policy may serve as a tool for improving public health and welfare through its effects on behaviors and outcomes pertaining to alcohol and other drugs. This FOA is intended to support innovative research to examine policy effects that have the potential to lead to meaningful changes in public health. Research projects that may be supported by this FOA include, but are not necessarily limited to: causal analyses of the effects of one or multiple public policies; evaluations of the effectiveness of specific public policies as tools for improving public health through their effects on alcohol-, marijuana-, and other substance-related behaviors and outcomes; and research to advance methods and measurement used in studying relationships between public policies and alcohol-, marijuana-, and other substance-related behaviors and outcomes. Applications are due by 5pm local time of applicant organization by [February 5, 2020 \(R01\)](#), and [February 16, 2020 \(R21\) \(R03\)](#).

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

**PA-17-467**

**Application Submission Deadline: February 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 [February 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](#).