



NIH funding opportunities



Faculty of Medicine and Health Sciences: Research Development and Support

04 Nov 2020 (#48)

[Click on blue [hyperlink](#) for further information]

The NIH funding opportunities listed below are only a **selection** of pre-screened, currently open health funding opportunities for which **South African institutions are eligible to apply**. For a comprehensive selection of NIH funding opportunities, please visit www.grants.nih.gov or www.sun.ac.za/RDSfunding (current & archive).

Confirm your intent to apply ASAP, but not later than 60 days before the submission date.

Tygerberg Campus: cdevries@sun.ac.za • Stellenbosch Campus lizek@sun.ac.za

Important Notices

- **[NOT-OD-21-013](#) Final NIH Policy for Data Management and Sharing (DMS)**. The DMS Policy is issued to promote the management and sharing of scientific data generated from NIH-funded or conducted research. This Policy establishes the requirements of submission of Data Management and Sharing Plans. The effective date of the DMS Policy is 25 January 2023.
- **[NOT-OD-21-014](#) Elements of an NIH Data Management and Sharing Plan**. This information outlines the Elements to be addressed in a Plan within two pages or less. A Plan should reflect the proposed approach to data management and sharing at the time it is prepared and be updated during the course of the award/support period to reflect any changes in the management and sharing of scientific data (e.g., new scientific direction, new repository option, timeline revision). NIH recommends addressing all the following elements: Data Type, Related Tools, Software and/or Code, Standards, Data Preservation, Access, and Associated Timelines, Access, Distribution, or Reuse Considerations. Oversight of Data Management and Sharing.
- **[NOT-OD-21-015](#) NIH Policy for Data Management and Sharing: Allowable Costs for Data Management and Sharing**. All allowable costs submitted in budget requests must be incurred e.g., curation fees, data repository fees during the performance period, even for scientific data and metadata preserved and shared beyond the award period. Costs associated with collecting or otherwise gaining access to research data (e.g., data access fees) are considered costs of doing research and should not be included in scientific data management and sharing budgets. Costs may not be double charged or inconsistently charged as both direct and indirect costs.
- **[NOT-OD-21-016](#) NIH Policy for Data Management and Sharing: Selecting a Repository for Data Resulting from NIH-Supported Research**. This information is intended to help researchers choose data repositories suitable for the preservation and sharing of data i.e., scientific data and metadata, resulting from NIH-funded and conducted research.
- **[NOT-AG-21-014](#) NIA Intervention Testing Program (ITP) Announces Annual Call for Compounds to Test for Anti-Aging Activity in Mice**. (ITP) was established to test compounds purported to extend lifespan and/or delay the onset of disease and disability. The NIA ITP tests such compounds in mice, using a variety of measured endpoints to assess the efficacy of interventions. There are three sites that perform the testing, one at the University of Michigan, one at the University of Texas Health Sciences Center-San Antonio, and one at The Jackson Laboratory. It is anticipated that approximately 5 compounds will be accepted for study in 2022. This is not a funding opportunity announcement, but rather a solicitation of suggestions for compounds to be tested in the ITP. The deadline for receipt of proposals is February 28, 2021.
- **[Write a Winning Application—Define Resources](#)** Providing enough data and information to support the feasibility of your project and describing the available resources are just as important as wowing reviewers with the project's innovation and potential impact to advance science within the field.
- NIH recently modernized the **[RePORT \(Research Portfolio Online Reporting Tools\)\(link is external\)](#)** website and its **[NIH RePORTER\(link is external\)](#)** search form.

- [NOT-DA-20-084](#) **Notice of Special Interest (NOSI): Effects of smoking and vaping on the risk and outcome of COVID-19 infection.** The purpose of this notice is to communicate NIDA's interest in supporting research on the effects of smoking or vaping tobacco or marijuana on the risk of acquiring COVID-19 and the clinical course of the infection. This notice applies to due dates on or after January 7, 2021 and subsequent receipt dates through September 8, 2024.
- [NOT-HL-20-815](#) **Notice of Special Interest (NOSI): Use of Predictive Analytics to Accelerate Late-Stage Implementation Research to Address Heart, Lung, Blood, and Sleep Disorders.** NHLBI is issuing this Notice of Special Interest (NOSI) to leverage existing data resources using Predictive Analytics Implementation Research (PAIR) that utilizes complex and innovative methodologies and modeling techniques to rely on integration of existing data to inform the designs (and often test) implementation strategies for heart, lung, blood, and sleep (HLBS) conditions. NHLBI also encourages applications which focus on the development of advance modeling techniques and data reporting, which would be publicly available and could be used to inform subsequent implementation strategies to address HLBS conditions.

Upcoming Deadlines

- [Harnessing Data Science for Health Discovery and Innovation in Africa \(DS-I Africa\):](#)
 Research Training Program due date: 24 November 2020
 Ethical, Legal, and Social Implications Research due date: 1 December 2020
 Open Data Science Platform and Coordinating Center due date: 3 December 2020
 Research Hubs non-AIDS application due date: 8 December 2020
 Research Hubs AIDS application due date: 8 February 2021
- [Mobile Health: Technology and Outcomes in LMICs](#) AIDS deadline 3 December 2020
- [Chronic, Noncommunicable Diseases and Disorders Research Training \(NCD-Lifespan\)](#) D43 13 November 2020
- [Ecology and Evolution of Infectious Diseases Initiative \(EEID\)](#) 18 November 2020
- [Strengthening Institutional Capacity to Conduct Global Cancer Research in Low- and Middle-Income Countries](#) D43 24 June 2021

Parent Announcements

Parent Announcements (PA) for unsolicited are broad funding opportunity announcements allowing applicants to submit investigator-initiated applications. They are open for up to 3 years and use standard due dates.

- [PA-20-185](#) NIH Research Project Grant (Parent R01 Clinical Trial Not Allowed)
- [PA-20-184](#) Research Project Grant (Parent R01 Basic Experimental Studies with Humans Required)
- [PA-20-183](#) Research Project Grant (Parent R01 Clinical Trial Required)
- [PA-20-200](#) NIH Small Research Grant Program (Parent R03 Clinical Trial Not Allowed)
- [PA-20-195](#) NIH Exploratory/Developmental Research Grant Program (Parent R21 Clinical Trial Not Allowed)
- [PA-20-194](#) NIH Exploratory/Developmental Research Grant Program (Parent R21 Clinical Trial Required)
- [PA-20-196](#) NIH Exploratory/Developmental Research Grant Program (Parent R21 Basic Experimental Studies with Humans Required)

Funding Opportunities

1. Ruth L. Kirschstein National Research Service Award (NRSA) Individual Postdoctoral Fellowship (Parent F32)

Letter of Intent: 30 days prior to the application due date

Hyperlink: [PA-21-048](#)

Type: Parent F32

Application Due Date: [Standard dates](#) and [Standard AIDS dates](#) Apply by 5:00 PM local time of applicant organization.

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

Budget: Award budgets are composed of stipends, tuition and fees, and institutional allowance. Individuals may receive up to 5 years of aggregate Kirschstein-NRSA support at the predoctoral level (up to 6 years for dual degree training, e.g., MD/PhD), and up to 3 years of aggregate Kirschstein-NRSA support at the postdoctoral level, including any combination of support from institutional training grants (e.g., T32) and an individual fellowship award.

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

Letter of Intent: 30 days prior to the application due date

Hyperlink: [PA-21-052](#)

Type: F31-Diversity

Application Due Date: [Standard dates](#) and [Standard AIDS dates](#) Apply by 5:00 PM local time of applicant organization.

Funding Opportunity Announcement: 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. This Funding Opportunity Announcement (FOA) does not allow candidates to propose to lead an independent clinical trial, a clinical trial feasibility study, or an ancillary clinical trial, but does allow candidates to propose research experience in a clinical trial led by a sponsor or co-sponsor.

Budget: Award budgets are composed of stipends, tuition and fees, and institutional allowance. Individuals may receive up to 5 years of aggregate Kirschstein-NRSA support at the predoctoral level (up to 6 years for dual degree training, e.g., MD/PhD), and up to 3 years of aggregate Kirschstein-NRSA support at the postdoctoral level, including any combination of support from institutional training grants (e.g., T32) and an individual fellowship award.

3. Discovery of the Genetic Basis of Childhood Cancers and of Structural Birth Defects: Gabriella Miller Kids First Pediatric Research Program (X01 Clinical Trial Not Allowed)

Letter of Intent: 30 days prior to the application due date

Hyperlink: [PAR-21-040](#)

Type: X01

Application Due Date: February 19, 2021. Apply by 5:00 PM local time of applicant organization.

Funding Opportunity Announcement: As part of the Gabriella Miller Kids First Pediatric Research Program (Kids First), the NIH invites applications to submit samples from pediatric cohorts for whole genome sequencing at a Kids First-supported sequencing center. Applicants are encouraged to propose sequencing of existing pediatric cancer cohorts to elucidate the genetic contribution to childhood cancers, or to expand the range of disorders included within the Kids First Data Resource to investigate the genetic etiology of structural birth defects. Whole genome, exome, and transcriptome sequencing may be available for tumor or affected tissue when justified. These data, and associated clinical and phenotypic data, will become part of the Gabriella Miller Kids First Pediatric Data Resource (Kids First Data Resource) for the pediatric research community.

Budget: Not applicable; there are no funds associated with a resource access award. The scope of the proposed project should determine the project period. The maximum project period is 1 year.

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