



# NIH funding opportunities



Faculty of Medicine and Health Sciences: Research Development and Support 29 May 2023 (#19)

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

Tygerberg Campus: [cdevries@sun.ac.za](mailto:cdevries@sun.ac.za) • Stellenbosch Campus [lizelk@sun.ac.za](mailto:lizelk@sun.ac.za)

**To prepare an application can take 4-18 months, depending on many factors:**

1. Mechanism for which you will apply e.g. U54, R01, D43, K43
2. Requirement of preliminary data
3. Time to assemble the research team
4. Time available to work on the grant, taking into consideration other responsibilities
5. Time for internal review

**Before starting your application, attend the 1) Generic Grant Writing Workshop and then the 2) NIH Grant Writing Workshop.**

## Important Notices

**[NOT-HL-23-086](#) National Heart, Lung, and Blood Institute ([NHLBI](#)) TOPMed Announces Fellowship Program to Promote Diversity, Equity, and Inclusion in the Genomic Data Science Research Workforce.** The purpose of this Notice is to inform the research community of the release of a program solicitation on May 1, 2023, announcing the availability of a fellowship program opportunity with activities intended to develop a cadre of scientists from diverse backgrounds, including those from underrepresented groups in biomedical research, that will have expertise in the areas of genetics and genomics relevant to heart, lung, blood, and sleep diseases and disorders. The program solicitation was released on the TOPMed Administrative Coordinating Center (ACC) website: [2023 TOPMed Fellowship](#). **Open only to those foreign institutions that have received funds from major NIH initiatives on genomics/data science (e.g., H3Africa and DS-I Africa).** Application Due Date: July 31, 2023, 5:00PM EDT. **Award Budget:** Award budgets are composed of salary supporting trainee's effort between 25% to 100% and travel budget for a trip to the TOPMed annual meeting held in Washington, D.C.'s metro area, as well as an additional trip to a relevant national/international conference if trainee presents poster or oral presentation. The direct cost should not to exceed \$70,000 and the indirect cost will be at 10% of direct cost. **Period of Performance:** The award project period is one year.

An informational webinar session will be held for applicants prior to application submission. Slides will be made available on this webpage after the webinar. Date and time: June 5th, 2023, 2:00pm ET Meeting link:

<https://westat.zoomgov.com/j/1603168579?pwd=TzM2Szh5OTI5SFJGamNVNlFkdGtqZz09>

- Meeting ID: 160 316 8579
- Passcode: 577928

**[NOT-OD-23-132](#) Updates to NIH Genomic Data Sharing Policy Institutional Certification Forms.** This Notice describes minor updates to NIH Institutional Certification forms and [instructions](#) for completing those forms, which are required for submission of human genomic data subject to the [NIH Genomic Data Sharing \(GDS\) Policy](#). The Institutional Certification form assures NIH that submission of [large-scale human genomic data](#) and subsequent sharing for research purposes to an NIH-designated data repository is consistent with applicable laws, regulations and institutional policies, the informed consent of research participants from whom data was obtained, and that risks to participants and others have been considered.

**[NOT-HL-23-088](#) Updated Notice of Information for HIV research priorities at the National Heart, Lung, and Blood Institute.** The purpose of this Notice is to inform the scientific community of HIV-focused research priorities that are

of interest to the National Heart, Lung, and Blood Institute (NHLBI). NHLBI supports research on HIV-associated heart, lung, blood and sleep (HLBS) comorbidities, coinfections, and complications, including ancillary studies using established cohorts and repository data and specimens, in all people regardless of age, sex, gender identity, sexual orientation, race, ethnicity, religion, disability, geographic location, or socioeconomic circumstance, especially people who are both aging and are HIV-infected. NHLBI also supports a range of cross-cutting implementation research as well as basic and health disparities research, and training. Priority topics of research listed in the notice.

## Parent Announcements

**[NOT-OD-23-105](#) Notice to Extend Parent R01/R03/R21 Parent Notices of Funding Opportunities.** Current Key Dates *Expiration Date: May 8, 2023* **Modified Key Dates** *Expiration Date: May 8, 2024*

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)

## Notice of Special Interest (NOSI)

**[NOT-CA-23-064](#) Administrative Supplement to Support the NCI Cancer Prevention-Interception Targeted Agent Discovery Program (CAP-IT) Research.** The Division of Cancer Prevention (DCP) at the National Cancer Institute (NCI) announces the opportunity for current NCI grant awardees or cooperative agreement program participants to collaborate with the NCI Cancer Prevention-Interception Targeted Agent Discovery Program (CAP-IT) Specialized Centers to support the [CAP-IT Program](#) research. Collaborations should be proposed by investigators, who are not currently CAP-IT Center investigators (non-CAP-IT investigators) and whose research scope, interests and activities as specified in the parent awards are within the CAP-IT Program's research objectives. All potential applicants are encouraged to contact the NCI Program Director to discuss the planned collaboration and application. *Submissions must be received by July 6, 2023* at 5:00 PM local time of applicant organization for FY 2023 funding.

**[NOT-HL-23-083](#) Assessing Real-World Effectiveness and Implementation of Telehealth-Guided Provider-to-Provider Communication among Rural Communities.** This Notice of Special Interest (NOSI) aims to support research that generates evidence on the real-world effectiveness of telehealth collaboration among healthcare providers for consultation, second opinions, and other purposes, referred to as provider-to-provider telehealth (PPT). PPT offers remote access to critical health expertise that might not exist locally in certain communities. For the purpose of this NOSI, PPT is defined broadly to include any health technology meant to connect healthcare providers to one another for the care of patients (e.g., video, chat or audio consults with a clinical specialist for patients under the care of a primary care clinician located in another healthcare facility). This notice applies to due dates on or after October 5, 2023 and subsequent receipt dates through October 9, 2026.

**[NOT-MH-23-270](#) Intersectional Stigma and Discrimination (ISD), or Other Social and Structural Determinants of Health (SSDOH) in HIV Prevention and Treatment.** The purpose of this Notice is to call for research to understand and address the impact of HIV-related intersectional stigma and discrimination (ISD), or other social and structural determinants of health (SSDOH) as they relate to HIV prevention and treatment. This NOSI is a reissue of [NOT-MH-20-020](#). This NOSI solicits theoretically- and empirically-driven research applications which will: 1) advance measurements and understanding of HIV-related ISD or intersectional social-structural factors to examine the mechanisms and pathways by which they are barriers to HIV prevention and HIV treatment; 2) develop and test interventions to address their impact to improve HIV prevention and HIV treatment outcomes; or 3) conduct implementation science research of evidence-based interventions. Applicants are strongly encouraged to adopt a community-centered approach to engage communities most impacted by HIV-related ISD or intersectional social-structural determinants. Given the importance of incorporating input throughout the entire research process, the inclusion and input of a community

advisory board in the conceptualization, design, conduct, analysis and publication is a minimum requirement required for all submissions to this Notice.

It is strongly recommended that applicants review the NIMH Division of AIDS Research current Notice of Funding Opportunities (available on our website at <https://www.nimh.nih.gov/about/organization/dar/aids-related-funding-opportunity-announcements-foas>) and consult with a Program Officer before application submission. This notice applies to due dates on or after September 7, 2023 and subsequent receipt dates through September 8, 2026.

## Notice of Funding Opportunity (NOFO)

### 1. International Research in Infectious Diseases (R01 Clinical Trial Not Allowed)

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

**Hyperlink:** [RFA-AI-23-023](#)

**Type:** R01

**Application Due Date:** August 02, 2023; August 02, 2024; August 01, 2025. Applications are due by 5:00 PM local time of applicant organization. Applicants are encouraged to apply early to allow adequate time to make any corrections to errors found in the application during the submission process by the due date.

**Announcement:** The purpose of this Funding Opportunity Announcement (FOA) is to support applications for high-priority, regionally relevant infectious diseases research by international investigators in resource-constrained countries. Applicant organizations must be headquartered in foreign (non-U.S.) resource-constrained countries (i.e. low-income economies, lower-middle-income economies, and upper-middle-income economies by [World Bank Classification](#)). Applicant organizations headquartered in low- and lower-middle income economy countries are particularly encouraged to apply. Eligibility status of applicant organizations will be determined by the World Bank Classification list at the time of application submission.

**Budget:** NIAID intends to commit \$1,360,000 in FY 2024 to fund 7-8 awards. Application budgets should not exceed \$125,000 in direct costs per year, and should reflect the actual needs of the project. The scope of the proposed project should determine the project period. The maximum project period is 5 years.

### 2. Accelerating Behavioral and Social Science through Ontology Development and Use: Dissemination and Coordination Center (U24) Clinical Trial Not Allowed

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

**Hyperlink:**

**Type:** U24

**Application Due Date:** October 03, 2023. Applications are due by 5:00 PM local time of applicant organization. Applicants are encouraged to apply early to allow adequate time to make any corrections to errors found in the application during the submission process by the due date.

**Announcement:** This Notice of Funding Opportunity (NOFO) invites applications from multi-disciplinary teams to establish a Dissemination and Coordination Center (DCC) for the Behavioral and Social Science Ontology Development U01 Research Network Projects ([PAR-23-182](#)). Teams must include subject matter experts in 1) one or more fields of behavioral or social science, 2) ontology-related informatics and computational approaches, and 3) Team Science or the Science of Science. The primary responsibilities of the DCC are to: 1) Coordinate and provide logistical support to facilitate collaboration and cross-project learning; 2) Provide ontology-related technical, computational, and informatics expertise and support; 3) Facilitate dissemination of resources and training to support ontology expansion, development, and use; and 4) Provide active outreach and coordination with relevant stakeholders to increase understanding of and demand for BSSR ontology-related tools and resources.

**Budget:** The plan is to make one award. Funding is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. Application budgets are limited to \$500,000 per year in direct cost. The project period is expected to be 5 years.

### 3. Accelerating Behavioral and Social Science through Ontology Development and Use: Research Network Projects (U01 Clinical Trial Not Allowed)

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

**Hyperlink:** [PAR-23-182](#)

**Type:** U01

**Application Due Date:** October 03, 2023. Applications are due by 5:00 PM local time of applicant organization. Applicants are encouraged to apply early to allow adequate time to make any corrections to errors found in the application during the submission process by the due date.

**Announcement:** This Notice of Funding Opportunity (NOFO) invites applications to support research projects focused on the expansion of existing or development of new ontologies for behavioral or social science research (BSSR). The research projects must include multi-disciplinary teams of subject matter experts in one or more BSSR fields, as well as ontology related informatics and computational approaches. Projects should address health-related behavioral and social science problems not easily solved without improvement in semantic knowledge structures (e.g., controlled vocabularies, taxonomies, and ontologies). Each project should identify one or more BSSR use cases and elucidate how the proposed ontological resources or tools to be developed and tested will advance BSSR research capabilities and efficiencies. This includes a plan for promoting dissemination and use of the resources and tools. Tools or resources proposed should include health-relevant terminology related to constructs, measures, and/or intervention components. Tools or resources must also account for socio-behavioral cultural context in vocabulary/ontology development. As part of a cooperative agreement, each project will focus on independent ontology development research aims and be expected to work collaboratively with the Dissemination and Coordination Center (DCC; [PAR-23-181](#)) and the other funded projects in a Behavioral and Social Science Ontology Development U01 Research Network.

**Budget:** Application budgets are limited to <\$500,000 in direct costs per year. The scope of the proposed project should determine the project period. The maximum project period is 5 years.

#### 4. Center for Inherited Disease Research (CIDR) High Throughput Sequencing and Genotyping Resource Access (X01 Clinical Trial Not Allowed)

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

**Hyperlink:** [PAR-23-184](#)

**Type:** X01

**Application Due Date:** Applications are due by 5:00 PM local time of applicant organization. Applicants are encouraged to apply early to allow adequate time to make any corrections to errors found in the application during the submission process by the due date.

**Announcement:** The Center for Inherited Disease Research (CIDR) carries out high-throughput genotyping and sequencing and supports statistical genetics services designed to 1) aid identification of genes or genetic modifications that contribute to human health and disease or 2) enhance the classification and characterization of well-phenotyped specimens by the addition of genotype or next-generation sequence data. The laboratory specializes in genomic services that cannot be efficiently carried out in individual investigator laboratories. CIDR provides the most up-to-date platforms, services, and statistical genetic support. This is an NIH-wide initiative that is administered by NHGRI. Information about current services offered can be accessed via: <https://cidr.jhmi.edu>.

**Budget:** Not applicable: there is no budget associated with X01 Resource Access awards.

#### 5. National Eye Institute (NEI) Collaborative Clinical Vision Research Project: Resource Center Grant (UG1 Clinical Trial Required)

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

**Hyperlink:** [PAR-23-201](#)

**Type:** UG1

**Application Due Date:** July 13, 2023 through to May 07, 2026. Applications are due by 5:00 PM local time of applicant organization. Applicants are encouraged to apply early to allow adequate time to make any corrections to errors found in the application during the submission process by the due date.

**Announcement:** The NEI uses UG1 cooperative agreement awards to support investigator-initiated large-scale clinical trials, human gene-transfer, stem cell therapy trials, and other complex or high resource- or safety-risk clinical trials. These projects are multifaceted and of high public health significance requiring clear delineation of study organization including roles and responsibilities and require careful performance oversight and monitoring. For purposes of this Notice of Funding Opportunity (NOFO), the proposed study must be intended to evaluate interventions aimed at screening, diagnosing, preventing, or treating vision disorders, or to compare the effectiveness of two or more established interventions. The NEI UG1-supported studies are typically funded as a group of single-component companion grant awards including the Chair's Grant, the Coordinating Center, and Resource Centers, when appropriate. Specifically, this NOFO encourages applications for the Resource Center grant which provides imaging, laboratory, or other requisite services for a multi-center clinical trial or other complex or high-risk clinical trial.

**Budget:** Application budgets are not limited but need to reflect the actual needs of the proposed project. The scope of the proposed project should determine the project period. The maximum period is five years.

#### 6. National Eye Institute (NEI) Collaborative Clinical Vision Research Project: Coordinating Center Grant (UG1 Clinical Trial Required)

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

**Hyperlink:** [PAR-23-204](#)

**Type:** UG1

**Application Due Date:** July 13, 2023 through to May 07, 2026. Applications are due by 5:00 PM local time of applicant organization. Applicants are encouraged to apply early to allow adequate time to make any corrections to errors found in the application during the submission process by the due date.

**Announcement:** The NEI uses UG1 cooperative agreement awards to support investigator-initiated large-scale clinical trials, human gene-transfer, stem cell therapy trials, and other complex or high resource- or safety-risk clinical trials. These projects are multifaceted and of high public health significance requiring clear delineation of study organization including roles and responsibilities and require careful performance oversight and monitoring. For purposes of this Notice of Funding Opportunity (NOFO), the proposed study must be intended to evaluate interventions aimed at screening, diagnosing, preventing, or treating vision disorders, or to compare the effectiveness of two or more established interventions. The NEI UG1-supported studies are typically funded as a group of single-component companion grant awards including the Chair's Grant, the Coordinating Center, and Resource Centers, when appropriate. Specifically, this NOFO encourages applications for the Coordinating Center grant, which provides details of the Coordinating Center's responsibilities and operations.

**Budget:** Application budgets are not limited but need to reflect the actual needs of the proposed project. The scope of the proposed project should determine the project period. The maximum period is five years.

#### 7. National Eye Institute (NEI) Collaborative Clinical Vision Research: Chair's Grant (UG1-Clinical Trial Required)

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

**Hyperlink:** [PAR-23-209](#)

**Type:** UG1

**Application Due Date:** July 13, 2023 through to May 07, 2026. Applications are due by 5:00 PM local time of applicant organization. Applicants are encouraged to apply early to allow adequate time to make any corrections to errors found in the application during the submission process by the due date.

**Announcement:** The NEI uses UG1 cooperative agreement awards to support investigator-initiated large-scale clinical trials, human gene-transfer, stem cell therapy trials, and other complex or high resource- or safety-risk clinical trials. These projects are multifaceted and of high public health significance requiring clear delineation of study organization including roles and responsibilities and require careful performance oversight and monitoring. For purposes of this Notice of Funding Opportunity (NOFO), the proposed study must be intended to evaluate interventions aimed at screening, diagnosing, preventing, or treating vision disorders, or to compare the effectiveness of two or more established interventions. The NEI UG1-supported studies are typically funded as a group of single-component companion grant awards including the Chair's Grant, the Coordinating Center, and Resource Centers, when appropriate. Specifically, this NOFO encourages applications for the Chair's grant, which includes the scientific rationale, study aims and significance of the research project.

**Budget:** Application budgets are not limited but need to reflect the actual needs of the proposed project. The scope of the proposed project should determine the project period. The maximum period is five years.

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