

NIH funding opportunities

24 Oct 2023 (#32)



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



See all Important Notices, Parent Announcements and Notice of Special Interest below

Plan your application. Before starting your application attend

- 1) *Generic Grant Writing Workshop and then the*
- 2) *NIH Grant Writing Workshop*

To prepare an application can take *4-18 months*.

From submission to receiving a Notice of Award can take *10 months*

Important Notices

[NOT-CA-23-093](#) Request for Information (RFI): Identifying Opportunities to Generate Research Molecular Characterization Data for the Childhood Cancer Data Initiative (CCDI). The National Cancer Institute (NCI) is seeking broad input from persons and entities with interest, expertise, and experience in the conduct of research of cancer in children, adolescents, and young adults (AYA), in line with the overarching goals and objectives of the [Childhood Cancer Data Initiative](#) (CCDI). The NCI is seeking this input to help inform future resource allocation and acquisition strategies to accelerate scientific discovery for improving patient care through enhanced data sharing. Input is requested that will help identify opportunities for the generation of multiple omics research data on pediatric cancer samples that will address unmet scientific and clinical needs aligned with the CCDI research priorities. NCI invites participation from stakeholders across the childhood cancer research enterprise: individual researchers, pediatric oncologists, patients and their families, clinical trial cooperative groups, data scientists, advocacy groups, foundations, etc. All participants are encouraged to respond to as many questions as they are able, no matter their roles in the research enterprise. All comments must be submitted electronically by clicking on this link: [Request for Information: Identifying Opportunities to Generate Research Molecular Characterization Data for the Childhood Cancer Data Initiative \(CCDI\)](#) by 11:59:59 pm (ET) November 30, 2023.

[NOT-AI-23-062](#) Notice of Early Expiration of "Notice of Special Interest (NOSI): Opportunities for HIV Cure Interventions at the Time of ART Initiation", [NOT-AI-22-072](#). The purpose of this Notice is to inform the extramural community that [NOT-AI-22-072](#) expired. Applicants interested in the scientific topic can apply to [PAR-23-297](#), Opportunities for HIV Cure Strategies at the Time of ART Initiation (R01 Clinical Trial Not Allowed) and [PAR-23-296](#), Opportunities for HIV Cure Strategies at the Time of ART Initiation (R21 Clinical Trial Not Allowed).

[NOT-MH-23-385](#) Notice of Clarification of NIMH Research Priorities for [RFA-ES-23-007](#) "Exploratory Grants for Climate Change and Health Research Center Development (P20 Clinical Trial Optional)" The purpose of this Notice is to clarify the National Institute of Mental Health (NIMH) research priorities for "Exploratory Grants for Climate Change and Health Research Center Development (P20 Clinical Trial Optional)". The National Institute of Mental

Health (NIMH) accepts research to transform the understanding and treatment of mental illness through basic and clinical research, paving the way for prevention, recovery, and cure. NIMH strongly encourages applicants to consult with NIMH Program Officials when developing an application.

[NOT-NS-24-008](#) Notice of Intent to Publish a Funding Opportunity Announcement for CCRP Initiative: NIH Countermeasures Against Chemical Threats (CounterACT) Basic Research on Chemical Threats that Affect the Nervous System (R01 Clinical Trial Not Allowed). National Institute of Neurological Disorders and Stroke ([NINDS](#)). intends to reissue [PAR-23-027](#) to solicit applications for basic research projects on chemical warfare agents, toxic industrial chemicals, and pesticides that have primary or secondary effects on the nervous system. Chemical threats are toxic compounds that could be used in a terrorist attack or accidentally released from industrial production, storage, or shipping. Projects supported by this NOFO are expected to generate data that elucidate mechanisms of toxicity of these agents, possible new manifestations of toxic exposures, and potential new targets for therapeutic development. Non-domestic (non-U.S.) Entity (Foreign Organization) will be eligible to apply.

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 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

[NOT-MH-23-350](#) Advancing Data Science Research in HIV: Responding to a Dynamic, Complex, and Evolving HIV Epidemic with Artificial Intelligence/Machine Learning. This NOSI seeks to advance data science research in HIV by encouraging the generation of cutting-edge synthetic datasets, artificial intelligence, and machine learning approaches to expand our capacity to address the dynamic, complex, and evolving HIV epidemic. Team science approaches where the strength and expertise of multiple individuals across data and computational sciences, biostatistics, behavioral and social sciences, computer science, and HIV prevention and care, among others, is strongly encouraged. For the purposes of this announcement, AI/ML refers to AI and its subsets (machine learning, deep learning, neural networks, natural language processing). The NOSI is aligned with the priorities outlined by the [Office of AIDS Research](#), the [NIH Strategic Plan for Data Science](#), and the [NIMH Division of AIDS Research's Program in Data Science and Emerging Methodologies in HIV](#). This notice applies to due dates on or after January 7, 2024 and subsequent receipt dates through January 8, 2027. Submit applications for this initiative using one of the NOFO's listed in the NOSI. Investigators are strongly encouraged to contact and discuss their proposed research with the scientific contact.

Notice of Funding Opportunity (NOFO)

1. **[PAR-23-296](#) Opportunities for HIV Cure Strategies at the Time of ART Initiation (R21 Clinical Trial Not Allowed)**
The purpose of this Notice of Funding Opportunity (NOFO) is to identify cure strategies suitable for administration at the start of combination antiretroviral therapy (cART) and/or at cART restart after an analytical treatment interruption (ATI), with the ultimate goal of achieving sustained treatment-free remission.

Due dates: January 07, 2024 through to September 07, 2026. 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. **Letter of Intent:** 30 days prior to the application due date.

Budget: The combined budget for direct costs for the two-year project period may not exceed \$275,000. No more than \$200,000 may be requested in any single year.

2. [PAR-23-297](#) Opportunities for HIV Cure Strategies at the Time of ART Initiation (R01 Clinical Trial Not Allowed)

The purpose of this Notice of Funding Opportunity (NOFO) is to identify cure strategies suitable for administration at the start of combination antiretroviral therapy (cART) and/or at cART restart after an analytical treatment interruption (ATI), with the ultimate goal of achieving sustained treatment-free remission.

Due Date: January 07, 2024 through to September 07, 2026. 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. **Letter of Intent:** 30 days prior to the application due date.

Budget: Application budgets are not limited but need to reflect the actual needs of the proposed project. Applicants requesting \$500,000 or more in direct costs in any year (excluding consortium F&A) must contact a Scientific/Research Contact at least 6 weeks before submitting the application.

3. [PAR-23-305](#) Computationally-Defined Behaviors in Psychiatry (R21 Clinical Trial Optional)

This Notice of Funding Opportunity (NOFO) solicits applications for research projects that will apply computational approaches to develop parametrically detailed behavioral assays across mental-health relevant domains of function. These projects should focus on behavior in humans and test computational models in healthy, trans-diagnostic, unselected, or community samples. NIMH is particularly interested in the study of behavioral measures, models, and parameters that have the potential for back-translation from humans to animals, especially for pre-clinical therapeutics development, and in models that have the potential to be extended to clinical populations. To maximize prospects of back-translation and to provide a neurobiological foundation for future research, studies will need to consider behavioral models and parameters that are linked to the underlying neural processes that may be involved in their computation. Finally, in order to ensure ecological validity of behavioral assays, models derived from lab-based behavioral tasks will need to be tested for generalizability to behavioral data collected in a real-world setting.

Due Date: November 01, 2023. 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. **Letter of Intent:** 30 days prior to the application due date

Budget: Direct costs are limited to \$275,000 over a two-year project period, with no more than \$200,000 in direct costs allowed in any single year.

4. [PAR-23-307](#) Computational Approaches for Validating Dimensional Constructs of Relevance to Psychopathology (R01 Clinical Trial Optional)

This NOFO solicits applications for research projects that will use computational approaches to test the validity of dimensional constructs in the NIMH [Research Domain Criteria \(RDoC\) matrix](#) (or similar constructs based on comparable criteria). Some elements of the RDoC matrix have been updated since its first release, but a thorough data-driven validation that broadly explores, compares, and validates the constructs within the matrix has not been performed. This NOFO seeks research that addresses the following questions: Do the different domains of behavior segregate from each other? How much do they rely on distinct versus overlapping neural circuits? What are the relationships between domains, constructs, and subordinate sub-constructs, both in terms of their correlational structure and their underlying neural circuitry? By answering these questions, proposed research projects will test integrative models of functioning and identify dysregulation in psychopathology-related mechanisms that may cut across traditional diagnostic categories and may change over time. This NOFO seeks to promote projects where the computational and the experimental components are well integrated. To ensure ecological validity of these studies, models derived from lab-based behavioral tasks will need to be tested for generalizability to behavioral data collected in a real-world setting. The goal is to advance translational research that will identify novel classification approaches and/or treatment targets, and lead to more effective and timely interventions for serious mental illnesses.

Due Date: November 01, 2023. 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. **Letter of Intent:** 30 days prior to the application due date

Budget: Application budgets may not exceed \$500,000 Direct Costs annually, including any consortium F&A, and are expected to reflect actual needs of the proposed project. The total project period for an application submitted in response to this NOFO may not exceed five years.

5. [RFA-DA-25-016](#) Single Cell Opioid Responses in the Context of HIV (SCORCH) Program: Data Mining and Functional Validation (R01 Clinical Trial Not Allowed)

The purpose of this notice of funding opportunity (NOFO) is to support data mining of single cell data sets to identify cell types, transcripts, enhancers, or transcriptional networks that play a role in HIV/antiretroviral therapy (ART) or Substance Use Disorder (SUD)-relevant molecular responses, and/or to support functional validation studies (e.g. epigenomic or transcriptomic manipulation, high throughput secondary screening) to confirm or deny a biological role for one or more of the data-mined cell types, transcripts, enhancers, or transcriptional networks in HIV/ART and SUD molecular responses. This NOFO requires a Plan for Enhancing Diverse Perspectives (PEDP), which will be assessed as part of the scientific and technical peer review evaluation. Applications that fail to include a PEDP will be considered incomplete and will be withdrawn. Applicants are strongly encouraged to read the NOFO instructions carefully and view the available [PEDP guidance material](#).

Due Date: August 13, 2024. 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. **Letter of Intent:** 30 days prior to the application due date

Budget: Application budgets are limited to \$350k direct costs and need to reflect the actual needs of the proposed project. The total project period may not exceed 5 years.

6. [RFA-DA-25-017](#) Single Cell Opioid Responses in the Context of HIV (SCORCH) Program: Data Mining and Functional Validation (R21 Clinical Trial Not Allowed)

The purpose of this notice of funding opportunity (NOFO) is to support data mining of single cell data sets to identify cell types, transcripts, enhancers, or transcriptional networks that play a role in HIV/antiretroviral therapy (ART) or Substance Use Disorder (SUD)-relevant molecular responses, and/or to support functional validation studies (e.g. epigenomic or transcriptomic manipulation, high throughput secondary screening) to confirm or deny a biological role for one or more of the data-mined cell types, transcripts, enhancers, or transcriptional networks in HIV/ART and SUD molecular responses. This NOFO requires a Plan for Enhancing Diverse Perspectives (PEDP), which will be assessed as part of the scientific and technical peer review evaluation. Applications that fail to include a PEDP will be considered incomplete and will be withdrawn. Applicants are strongly encouraged to read the NOFO instructions carefully and view the available [PEDP guidance material](#).

Due Date: August 13, 2024. 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. **Letter of Intent:** 30 days prior to the application due date

Budget: The combined budget for direct costs for the two-year project period may not exceed \$275,000. No more than \$200,000 may be requested in any single year. The total project period may not exceed 2 years.

7. [RFA-EY-23-001](#) BRAIN Initiative: New Concepts and Early-Stage Research for Recording and Modulation in the Nervous System (R21 Clinical Trial Not Allowed)

This NOFO seeks applications for unique and innovative recording and/or modulation technologies that are in the earliest stage of development, including new and untested ideas that are in the initial stages of conceptualization. Some projects may aim to increase recording or modulation capabilities by many orders of magnitude, while others may aim to improve the precision and selectivity of recording or modulation (also referred to as stimulation, perturbation, or manipulation). A wide range of modalities are appropriate including acoustic, chemical, electrical, magnetic, and optical, as well as the use of genetic tools. Invasive or non-invasive approaches are sought that will enable large-scale recording and/or precise manipulation of neural activity, and that would ultimately be compatible with experiments in humans or behaving animals. Applications are encouraged from any qualified individual, including chemists, physicists, engineers, theoreticians, materials scientists, and others from fields not typically involved with neuroscience research. This NOFO requires a Plan for Enhancing Diverse Perspectives (PEDP), which will be assessed as part of the scientific and technical peer review evaluation. Applications that fail to include a PEDP will be considered incomplete and will be withdrawn.

Due Date: June 18, 2024; June 17, 2025, June 15, 2026. 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. **Letter of Intent:** 30 days prior to the application due date
Budget: NIH intends to fund an estimated 10 awards per fiscal year, corresponding to a total of \$3-4 million in new awards per year. Application budgets may not exceed \$400,000 total direct costs over a maximum three-year funding period. No more than \$200,000 in direct costs may be requested in any single year. The scope of the proposed project should determine the project period. The maximum project period is 3 years.

8. [RFA-MH-24-330](#) Improving Choice, Use, and Equitable Implementation of Biomedical HIV Prevention for Women (R01 Clinical Trial Optional)

This NOFO invites applications to understand factors that impact uptake and adherent and persistent use of biomedical HIV prevention options, to inform and advance approaches to support choice and use among these options, and to understand and advance equitable delivery of biomedical HIV prevention options for cisgender and transgender women in settings where multiple prevention options are available. This NOFO uses the R01 grant mechanism, while [RFA-MH-24-331](#) uses the R21 mechanism and [RFA-MH-24-332](#) uses the R34 mechanism. High risk/high payoff projects that lack preliminary data or utilize existing data may be most appropriate for the R21 mechanism. Applications with preliminary data and/or those including longitudinal analysis or proposing a large-scale clinical trial should consider using the R01 mechanism. Applicants proposing to develop and pilot test an intervention should consider the R34 mechanism.

Due Date: November 22, 2023. 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. **Letter of Intent:** 30 days prior to the application due date

Budget: NIMH intends to commit a total of \$2,000,000 in FY 2024 to fund 3-5 awards in response to this NOFO and the companions ([RFA-MH-24-331](#) and [RFA-MH-24-332](#)). NICHD intends to commit a total of \$500,000 in FY 2024 to fund 1-2 awards in response to this NOFO and the R21 companion ([RFA-MH-24-331](#)). 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 project period is 5 years.

9. [RFA-MH-24-331](#) Improving Choice, Use, and Equitable Implementation of Biomedical HIV Prevention for Women (R21 Clinical Trial Optional)

This Notice of Funding Opportunity (NOFO) invites applications to understand factors that impact uptake and adherent and persistent use of biomedical HIV prevention options, to inform and advance approaches to support choice and use among these options, and to understand and advance equitable delivery of biomedical HIV prevention options for cisgender and transgender women in settings where multiple prevention options are available. This NOFO uses the R21 grant mechanism, while [RFA-MH-24-330](#) uses the R01 mechanism and [RFA-MH-24-332](#) uses the R34 mechanism. High risk/high payoff projects that lack preliminary data or utilize existing data may be most appropriate for the R21 mechanism. Applications with preliminary data and/or those including longitudinal analysis or proposing a large-scale clinical trial should consider using the R01 mechanism. Applicants proposing to develop and pilot test an intervention should consider the R34 mechanism.

Due Date: November 22, 2023. 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.

Budget: The combined budget for direct costs for the two-year project period may not exceed \$275,000. No more than \$200,000 may be requested in any single year.

<p>Faculty of Medicine and Health Sciences Research & Internationalisation Development & Support (RIDS) & Grants Management Office (GMO) 009 Kth Floor, Teaching Block, Tygerberg Campus.</p>	<p>Stellenbosch Campus Division for Research Development (DRD) 2041 Krotoa Building, Ryneveld Street</p>
<p>Enquiries: fmhsgmo@sun.ac.za</p>	<p>Enquiries: research@sun.ac.za</p>
<p>Add <i>"Interest in NIH opportunity"</i> in the subject line. Add the <i>notice number</i> in the text of the email.</p>	