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

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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

Important Notices

Gearing Up for Transition to FORMS-H Application Forms: As **announced** over the summer, NIH requires the use of updated application forms (FORMS-H) for due dates **on or after January 25, 2023**.   The How to Apply – Application Guide was updated on October 25 with FORMS-H application form instructions to prepare for the transition. Also see **Guide Notice NOT-OD-23-012.** All form changes are listed in High-level Grant Application Form Change Summary: FORMS-H.

- **A key change in FORMS-H is support for the implementation of the 2023 NIH Data Management and Sharing Policy.** NIH expects applicants to submit a plan for how they will manage and share their data and allows applicants to include certain costs associated with data management and sharing in their budget.
    - **Writing a Data Management & Sharing Plan.** Learn what NIH expects Data Management & Sharing plans to address.
    - **Budgeting for Data Management & Sharing.** Find out what data sharing related costs may be requested in an application for funding.
    - **Sample DMS Plans to get you started**

- **Data Management and Sharing Policy does** apply to all research and career development grants but not apply to training grants. Make sure you do **not** include hypertext (e.g., hyperlinks and URLs) in the DMS Plan attachment**.** The **hyperlink policy** applies to DMS Plans as well, and NIH may withdraw your application from consideration if you include them. Don't risk it!

Notices of Special Interest (NOSI)

NOT-CA-23-018 **Research on the Etiology, Early Detection, Screening and Prevention of Early-Onset Colorectal Cancer**. The purpose of this Notice of Special Interest (NOSI) is to solicit applications directed toward identifying, characterizing, and mitigating risk factors, identifying biomarkers for early detection, best screening modalities, and preventive interventions for early-onset colorectal cancer (EOCRC), defined as occurring before 50 years of age. This notice applies to due dates on or after January 5, 2023, and subsequent receipt dates through July 02, 2025.

NOT-CA-23-037 Technology Development for Cancer Control and Population Science Research. The purpose of this Notice of Special Interest (NOSI) is to encourage grant applications for the development of novel technologies to support the needs of cancer control and population sciences research including healthcare delivery research, surveillance research, behavioral research, cancer epidemiology, and population scale -omics research with the goal of driving innovation in this field. This notice applies to due dates on or after March 01, 2023 and subsequent receipt dates through the expiration date of this notice.

NOT-HL-22-040 Understanding Sudden Death in the Young Through Research. This Notice of Special Interest (NOSI) highlights interest in receiving grant applications focused on mechanistic, genetic, and other studies to evaluate causes and consequences of, and risk factors for sudden death in the young (SDY)*. **Studies are required to use phenotypic data and/or DNA samples and/or associated sequence data from the NIH/CDC Sudden Death in the Young (SDY) Case Registry as foundations for their research.** Studies may use SDY Case Registry phenotypic data and/or samples and/or sequence data alone or in combination with other cohorts. Results of such studies are required to adhere to the NIH Data Sharing Policy so that the data is disseminated widely and provides an evidence base to advance discussions about screening and prevention of SDY. This notice applies to due dates on or after October 5, 2023, and subsequent receipt dates through January 6, 2028.

NOT-LM-23-001 Computational and Statistical Methods to Enhance Discovery from Health Data. The National Library of Medicine is issuing this Notice to highlight its interest in receiving grant applications focused on research that aims to reduce or mitigate gaps and errors in health data sets. NLM invites research grant applications that propose innovative state-of-the-art methods and generalizable approaches to address problems with large health data sets or analytic tools, whether the data are obtained from electronic health records, public health data sets, biomedical imaging, omics repositories, literature, and social media data, or other biomedical or social/behavioral data sets. Applications in response to this NOSI are expected to help address AI ethical issues and mitigate algorithm bias caused by data problems. Areas of interest include but are not limited to (1) developing and testing innovative, generalizable and scalable computational or statistical approaches, including ones for a cloud computing environment, applied to large and/or merged health data sets holding human or non-human data, with a focus on understanding and characterizing the gaps, errors, biases, and other limitations in the data or inferences based on the data; (2) exploring approaches to correct biases or compensate for missing data, including but not limited to the introduction of debiasing techniques, novel imputing methods, effective data sample strategies, and policies or the use of synthetic data; (3) testing new statistical algorithms or other computational approaches to strengthen research designs for use with specific types of biomedical, biological, and social/behavioral data; (4) generating metadata that adequately characterizes the data, including its provenance, intended use, and processes by which it was collected and verified; (5) improving approaches for integrating, mining, and analyzing health data from multiple sites, sources, cohorts and research domains that preserve the confidentiality, accuracy, completeness and overall security of the data. Applicants should address ethical issues that might arise from their proposed approach. This notice applies to due dates on or after February 5, 2023 and subsequent receipt dates through January 8, 2026.

NOT-MH-23-140 Priority Research Opportunities in Crisis Response Services. The National Institute of Mental Health (NIMH), National Institute on Drug Abuse (NIDA), and Office of Research on Women's Health (ORWH) are issuing this NOSI to outline priorities for research in crisis response services. Research is sought that is conducted in real-world settings, where a wide range of clinical presentations, psychosocial factors, age-related (e.g., youth; adult; older adult), geographic (rural/remote settings), cultural considerations, and health disparities influence the types of care that are provided. Studies are encouraged that address the continuum of crisis service systems, as well as applications that address crisis services for children and under-resourced populations. Applicants must select the IC and associated FOA to use for submission of an application in response to the NOSI. The selection must align with the IC requirements listed in order to be considered responsive to that FOA. Non-responsive applications will be withdrawn from consideration for this initiative. This notice applies to due dates on or after February 5, 2023 and subsequent receipt dates through May 8, 2025.

Funding Opportunity Announcements (FOA)

1. Time-Sensitive Research Opportunities in Environmental Health Sciences (R21 Clinical Trial Not Allowed)

Letter of Intent: 30 days prior to the application due date   **Hyperlink: RFA-ES-23-004**   **Type: R21**

Application Due Date: February 27, 2023; April 03, 2023; June 01, 2023; August 01, 2023; October 02, 2023; December 01, 2023 through to December 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.

Funding Opportunity Announcement: This funding opportunity announcement (FOA) is intended to support novel environmental health research in which an unpredictable event or policy change provides a limited window of opportunity to collect human biological samples or environmental exposure data. The primary motivation of the FOA is to understand the consequences of natural and human-made disasters, emerging environmental public health threats, and policy changes in the U.S. and abroad. A distinguishing feature of an appropriate study is the need for rapid review and funding, substantially shorter than the typical NIH grant review/award cycle, for the research question to be addressed and swiftly implemented. The shortened timeframe will be achieved by more frequent application due dates and expediting peer review, council concurrence and award issuance. The entire cycle, from submission to award, is expected to be within 4-6 months.

Budget: NIEHS intends to commit $800,000 per year for fiscal years 2023, 2024, 2025, 2026 to fund 4-5 awards each year. Future year amounts will depend on annual appropriations. The combined budget for direct costs for the 2-year project period may not exceed $275,000. No more than $200,000 may be requested in any single year. The maximum period may not exceed 2 years.