



NIH funding opportunities



Faculty of Medicine and Health Sciences: Research Development and Support 10 Oct 2021 (#33)

[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.

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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)

Notices of Special Interest

- [NOT-CA-21-108](#) **Notice of Special Interest (NOSI): Dietary, Physical Activity, Sedentary Behavior and Sleep Assessment Methodologies Among Infants and Young Children (Birth to 5 years) through Adults.** The purpose of this NOSI is to invite investigator-initiated applications addressing approaches that improve the measurement of diet, physical activity, sedentary behavior, and sleep and their environmental influences through the development of improved methods (e.g., device-based, self-report, or other innovations). Such instruments should be based on innovative technologies (including advanced statistical and computational and/or analytical approaches), and/or integration of measurements across multiple behaviors (e.g., consumption, sleep, sedentary and active time). Applications that explore and optimize innovative combinations of instruments across these behaviors are encouraged, as are efforts to develop combined measures of perceived and objective or physical features of the physical environments in which they occur. Studies addressing infants and young children (birth to 5 years) and individuals from underserved subgroups are especially encouraged, although all populations are eligible for study under this notice. This notice applies to due dates on or after February 5, 2022, and subsequent receipt dates through May 8, 2023. Submit applications for this initiative using the following funding opportunity announcement (FOA) or any reissues of these announcement:
 - [PA-20-185](#) - NIH Research Project Grant (Parent R01 Clinical Trial Not Allowed).
- [NOT-CA-21-121](#) **Notice of Special Interest (NOSI): Dietary Effects on Nutrient Sensing Pathways in Tumor Etiology and Prevention.** This Notice of Special Interest (NOSI) seeks to support new and ongoing basic research that provides a deeper understanding of the biology and molecular mechanisms that determine the outcome of key diet/nutrient/cell interactions during early tumor development. Specifically, studies that examine the tumor preventive or tumor-promoting effects of dietary modulation of nutrient sensor signaling pathways during early tumor formation (initiation and malignant progression from early lesions) in preclinical cell, organoid, and animal models, with the goal of identifying and testing potential molecular intervention targets. This notice applies to

due dates on or after February 5, 2022, and subsequent receipt dates through September 8, 2024. Submit applications for this initiative using one of the following funding opportunity announcements (FOAs) or any reissues of these announcements

- [PA-20-185](#) - NIH Research Project Grant (Parent R01 Clinical Trial Not Allowed)
- [PAR-20-292](#) - NCI Clinical and Translational Exploratory/Developmental Studies (R21 Clinical Trial Optional)

- **[NOT-DE-21-013](#) Notice of Special Interest (NOSI): Biologic Factors Underlying Dental, Oral, and Craniofacial Health Disparities.** The National Institute of Dental and Craniofacial Research (NIDCR) is issuing this Notice of Special Interest (NOSI) to encourage research studies designed to identify and understand the mechanisms by which biologic factors (microbial, immune, genetic) contribute to disparities in dental, oral, and craniofacial disease onset, progression, and persistence. This notice applies to due dates on or after February 5, 2022 and subsequent receipt dates through January 8, 2025. Submit applications for this initiative using one of the following FOAs or any reissues of these announcement. **NIDCR** encourages applicants to use the following FOAs in response to this NOSI:

- [PA-20-195](#) (Parent R21 Clinical Trial Not Allowed)
- [PA-20-196](#) (Parent R21 Basic Experimental Studies with Humans Required)
- [PA-20-184](#) (Parent R01 Basic Experimental Studies with Humans Required)
- [PA-20-185](#) (Parent R01 Clinical Trial Not Allowed)

NIMHD will not accept applications that propose to use only animal and/or in vitro model systems under this NOSI. The applications responding to this NOSI and NIMHD's areas of research interest must use R01 parent FOAs as NIMHD does not participate in parent R21 FOAs.

Funding Opportunity Announcements (FOA)

1. Research on Biopsychosocial Factors of Social Connectedness and Isolation on Health, Wellbeing, Illness, and Recovery (R01 Basic Experimental Studies with Humans Required)

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

Hyperlink: [PAR-21-349](#)

Type: R01

Application Due Date: June 21, 2022; June 21, 2023; June 21, 2024. Apply by 5:00 PM local time of applicant organization

Funding Opportunity Announcement: 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 isolation. NIH considers such studies as Basic Experimental Studies with Humans (BESH) that are prospective basic science studies involving human participants that meet the NIH definition of basic research and fall within the NIH definition of clinical trials (see, e.g., [NOT-OD-19-024](#)). Applications should not propose a goal of clinical outcomes or products. Applications that propose studies including model animal research or observational studies involving humans should submit under the companion FOA, [PAR-21-350](#) "Research on Biopsychosocial Factors of Social Connectedness and Isolation on Health, Wellbeing, Illness, and Recovery (R01 Clinical Trials Not Allowed).

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 project period is 5 years.

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