



NIH funding opportunities



Faculty of Medicine and Health Sciences: Research Development and Support 29 May 2017 (#19)

[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.

Please be advised that you **must contact the Research Grants Management Office (RGMO) Pre-Awards** (Dr Christa de Vries cdevries@sun.ac.za) to inform of your intent to apply.

Timelines:

Confirm your intent to apply **as soon as possible, but not later than 30 days** before the submission date.

All final application documents **MUST reach the RGMO seven (7) workdays** before NIH application due date.

The application will be submitted **four (4) workdays** before the application due date.

1. HIV/AIDS and the Tumor Niche

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

Hyperlink: [\(RFA-CA-17-030\)](#)

Type: R01

Application Due Date: August 7, 2017 & August 7, 2018. Apply by 5:00 PM local time of applicant organization.

The purpose of this Funding Opportunity Announcement (FOA) is to advance our understanding of the role of the tumor niche or microenvironment in the risks, development, progression, diagnosis, and treatment of cancer observed in individuals with an underlying HIV infection or Acquired Immune Deficiency Syndrome (AIDS).

Budget: NIH intends to fund an estimate of 4-5 awards, corresponding to a total of \$2,000,000, for fiscal years 2018 and 2019. Future year amounts will depend on annual appropriations. Application budgets are not limited but need to reflect the actual needs of the proposed project. The total project period request may not exceed 5 years.

2. Addressing Suicide Research Gaps: Understanding Mortality Outcomes

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

Hyperlink: [\(RFA-MH-18-410\)](#)

Type: R01

Application Due Date: November 2, 2017. Apply by 5:00 PM local time of applicant organization.

This Funding Opportunity Announcement (FOA) seeks to support efforts focused on linking pertinent data from healthcare system records (e.g., suicide attempt events) to mortality data so that a more accurate understanding of the risk factors for, and the burden of, suicide among those seen in structured healthcare settings can be discerned. Specifically, data are needed on the type, severity, and timing of suicide predictors in the U.S. In addition to improving our national knowledge of the burden of suicide, these data offer the hope of yielding essential benchmarks for both public and private care providers/insurers, who increasingly will be seeking improvements to reduce the frequency of suicide events in their systems. Projects supported by this FOA will help address gaps identified in the [2014 Prioritized Research Agenda for Suicide Prevention](#).

Budget: NIMH intends to commit \$2 million in FY 2018 to fund 3-5 meritorious applications of clear relevance to its mission. NCCIH intends to commit up to \$250,000 to support 1 meritorious application of clear relevance to its mission. NIDA intends to commit up to \$500,000 to support 1 meritorious application of clear relevance to its mission. NIMHD intends to commit up to \$450,000 total costs to support 1 meritorious application of clear relevance to its mission. Application budgets are limited to \$300,000 in direct costs (not including consortium F&A) in any project year, and 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 4 years.

3. Small Grants for Secondary Analyses of Existing Data Sets and Stored Biospecimens

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

Hyperlink: [\(PA-17-299\)](#)

Type: R03

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

This Funding Opportunity Announcement (FOA) encourages applications that propose to conduct secondary analyses of publicly available NICHD-funded data sets or stored biospecimens. The goal of this program is to facilitate innovative yet cost-effective research utilizing data and biospecimens collected with NICHD resources.

Budget: Application budgets are limited to \$50,000 in direct costs per year. The total project period may not exceed two years.

4. Alcohol-Induced Effects on Tissue Injury and Repair

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

Hyperlink: [\(PA-17-297\)](#)
[\(PA-17-296\)](#)

Type: **R01**
R21

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

This Funding Opportunity Announcement (FOA) encourages Research Project Grant (R01) applications or Exploratory/Developmental Research Grant Award (R21) applications to study molecular and cellular mechanisms of tissue injury and repair associated with alcohol use in humans. Excessive alcohol consumption has the potential to adversely affect multiple organ systems including the liver, brain, heart, pancreas, lung, kidney, endocrine and immune systems, as well as bone and skeletal muscle. In addition, there is accumulating evidence that long term alcohol consumption is associated with reduced host capacity for recovery and repair following trauma. The mechanisms for these alcohol-induced effects on tissue injury and repair are currently not fully understood. NIAAA is especially interested in integrative research that elucidates alcohol's effects on complex mechanisms of injury and repair that are either common or specific to each organ system. This FOA also encourages the study of alcohol's effect on stem cells, embryonic development, and regeneration. Also encouraged are studies on molecular and cellular actions of moderate alcohol consumption. A better understanding of these underlying mechanisms may provide new avenues for developing more effective and novel approaches for prognosis, diagnosis, intervention, and treatment of alcohol-induced organ damage.

Budget: R01: 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 total project period for an application submitted in response to this funding opportunity may not exceed 5 years. **R21:** 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.

Brief definitions of some NIH grant mechanisms: [comprehensive list of extramural grant and cooperative agreement activity codes](#)

D71 - International Research Training Planning Grant: To plan for the preparation of an application for a D43 international research training grant or for a U2R international research training cooperative agreement.

D43 - International Research Training Grants: To support research training programs for US and foreign professionals and students to strengthen global health research and international research collaboration.

R01 – NIH Research Project Grant Program: most common NIH program; to support a discrete, specified, circumscribed research project; generally 3-5 years; budget may be specified, but generally <\$500,000 p.a. (direct costs).

R21 – NIH Exploratory/Developmental Research Grant: encourages new, exploratory and developmental research projects (could be used for pilot or feasibility studies); up to 2 years; budget total generally <\$275,000 (direct costs).

R03 – NIH Small Grant Program: limited funding for short period to support e.g. pilot / feasibility study, collection of preliminary data, secondary analysis of existing data, small-contained research projects, development of new research technology, etc.; normally for "new investigators"; not renewable; up to 2 years; budget generally <\$50,000 (direct costs).

R21/R33 - Phased Innovation: The R33 award is to provide a second phase for the support for innovative exploratory and development research activities initiated under the R21 mechanism. Although only R21 awardees are generally eligible to apply for R33 support, specific program initiatives may establish eligibility criteria under which applications could be accepted from applicants demonstrating progress equivalent to that expected under R33.

R25 – NIH Education Projects: used in a wide variety of ways to promote an appreciation for and interest in biomedical research, provide additional training in specific areas, and/or to develop ways to disseminate scientific discovery into public health and community applications.

R34 - Clinical Trial Planning Grant Program: To provide support for the initial development of a clinical trial, including the establishment of the research team; the development of tools for data management and oversight of the research; the development of a trial design and other essential elements of the study, such as the protocol, recruitment strategies, and procedure manuals; and to collect feasibility data.

R35 - Outstanding Investigator Award: To provide long term support to an experienced investigator with an outstanding record of research productivity. This support is intended to encourage investigators to embark on long-term projects of unusual potential.

U01 – NIH Research Project Cooperative Agreement: supports discrete, specified, circumscribed projects to be performed by investigator(s) in an area representing their specific interests and competencies; many types of cooperative agreements, e.g. Clinical Trials Centers; generally no budget upper limit but may be specified.

U24 – Resource-Related Research Projects – Cooperative Agreements: To support research projects contributing to improvement of the capability of resources to serve biomedical research.

U01 – NIH Research Project Cooperative Agreement: supports discrete, specified, circumscribed projects to be performed by investigator(s) in an area representing their specific interests and competencies; many types of cooperative agreements, e.g. Clinical Trials Centers; generally no budget upper limit but may be specified.

U19 - Research Program-Cooperative Agreements: supports a research program of multiple projects directed toward a specific major objective, basic theme or program goal, requiring a broadly based, multidisciplinary and often long-term approach. A cooperative agreement research program generally involves the organized efforts of large groups, members of which are conducting research projects designed to elucidate the various aspects of a specific objective.