



NIH funding opportunities



Faculty of Medicine and Health Sciences: Research Development and Support 10 Apr 2017 (#14)

[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.

Important notices

1. [NIAID helps New Investigators with a Higher Payline](#)
2. [How should I time my renewal application?](#)
3. [Consortium of Universities for Global Health releases Global Health Education Competencies Tool Kit](#)
4. National Institute on Alcohol Abuse and Alcoholism (NIAAA) Policy for Submission of Applications Containing Genome-Wide Association Studies ([NOT-AA-17-002](#))

1. Global Infectious Disease Research Training Program

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

Hyperlink: [PAR-17-057](#)

Type: D43

Application Due Date: July 27, 2017. Apply by 5:00 PM local time of applicant organization.

This Funding Opportunity Announcement (FOA) encourages applications for the Global Infectious Disease (GID) Research Training Program from U.S. and low- and middle-income country (LMIC) institutions. The application should propose a collaborative training program that will strengthen the capacity of an LMIC institution to conduct infectious disease research. FIC will support research-training programs that focus on major endemic or life-threatening emerging infectious diseases, neglected tropical diseases, infections that frequently occur as co-infections in HIV infected individuals or infections associated with non-communicable disease conditions of public health importance in LMICs.

Budget: Applications budgets are limited to \$230,000 per year for new awards and \$276,000 per year for renewal awards (total direct costs). The maximum project period is up to 5 years.

2. Mobile Health: Technology and Outcomes in Low and Middle Income Countries

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

Hyperlink: [PAR-16-292](#)

Type: R21

Application Due Date: August 31, 2017. Apply by 5:00 PM local time of applicant organization.

This Funding Opportunity Announcement (FOA) is to encourage exploratory/developmental research applications that propose to conduct research to develop or adapt innovative mobile health (mHealth) technology specifically suited for low and middle income countries (LMICs) and determine the health-related outcomes associated with implementation of the technology. Of highest interest are innovative, well-designed multidisciplinary projects that aim to generate generalizable knowledge for the field. The overall goal of the FOA is to contribute to the evidence base for the use of mobile technology to improve clinical outcomes and public health while building research capacity in LMICs and establishing research networks in this area. Applicants are required to propose partnerships between at least one U.S. institution and one LMIC institution and the proposed research plan should strengthen the mHealth research capabilities at the LMIC institution

Budget: Applicants may request up to \$125,000 direct costs per year. The total project period may not exceed 2 years.

3. Fogarty HIV Research Training Program for Low-and Middle-Income Country Institutions

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

Hyperlink: [PAR-16-279](#)

Type: D43

Application Due Date: August 23, 2017. Apply by 5:00 PM local time of applicant organization.

This Funding Opportunity Announcement (FOA) The purpose of this FOA is to encourage applications for research training programs to strengthen the scientific capacity of institutions in low- and middle-income countries (LMICs) to conduct HIV research relevant to the evolving HIV epidemic in their country. An application should focus the proposed training program to strengthen research capacity in a defined HIV scientific area at a specific LMIC institution or at LMIC sites in an established HIV research network. This FOA can support training for a broad range of HIV research areas:

- basic, epidemiologic, clinical, behavioral, and social science research across HIV prevention, care and treatment;
- pathophysiology and therapeutics research to address HIV infection, the effects of HIV on body systems, and HIV's interaction with other co-morbidities and co-infections;
- implementation, operations, health services, and health systems research to improve the HIV prevention, care and treatment care continuum;
- research on HIV co-infections, AIDS-defining and HIV-related cancers, neurological and neuro-psychiatric morbidities, and other co-morbidities and health conditions, both infectious and non-infectious, that contribute to HIV transmission or poor health in HIV-infected individuals, including HIV infected substance (drug and alcohol) users;
- research on integrated bio-behavioral HIV prevention, care and treatment among high risk populations, including polysubstance drug (injection and non-injection) and alcohol use;
- community-based HIV research, HIV research on complex/multi-component interventions, structural interventions, and comparative effectiveness, and HIV research on impact evaluation or health economics;
- cross-disciplinary HIV research among vulnerable or under-researched LMIC populations, including women, substance (drug and alcohol) users, men who have sex with men, transgendered populations, aging populations, orphans, and children;
- clinical research for team members to support HIV clinical research and HIV clinical trials;
- bio-statistics for HIV research design and methodology
- bioinformatics, data analysis, data management, data quality assurance and control to support HIV research;
- laboratory capacity, including bio-safety, and maintenance of lab quality assurance for HIV clinical research.

Budget: Application budgets are limited to \$280,000 direct costs per year exclusive of consortium indirect costs. The maximum project period is 5 years.

4. Emerging Global Leader Award

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

Hyperlink: [PAR-17-001](#)

Type: K43

Application Due Date: December 14, 2017. Apply by 5:00 PM local time of applicant organization.

This Funding Opportunity Announcement (FOA) provides research support and protected time (three to five years) to an early career research scientist from a low- or middle-income country (LMIC) who holds a junior faculty position at an LMIC academic or research institution, as defined by the World Bank (<http://data.worldbank.org/about/country-classifications/country-and-lending-groups>, including "low-income," "lower-middle-income," and "upper-middle-income" countries). This intensive, mentored research career development experience is expected to lead to an independently funded research career at the LMIC institution or in another LMIC. This Funding Opportunity Announcement (FOA) invites applications from LMIC scientists from any health-related discipline who propose career development activities and a research project that is relevant to the health priorities of their country under the mentorship of LMIC and U.S. mentors.

Budget: NIH will contribute up to \$ 75,000 (for a minimum of 75% effort or 9 person months) per year toward the salary of the career award recipient. NIH will contribute up to \$ 30,000 per year toward the research development costs of the award recipient, which must be justified and consistent with the stage of development of the candidate and the proportion of time to be spent in research or career development activities. Research development costs include, but are not limited to, supplies, equipment, technical personnel, non-degree related tuition or registration fees for activities related to the proposed career development plan, fees for statistical and computational services, and travel to research sites, research meetings, or training, as detailed in Section IV. Salary for mentors, secretarial and administrative assistants, etc is not allowed.

5. Dysregulation of Immune Cell Regulatory Pathways by Mtb in the Context of HIV Infection

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

Hyperlink: [\(RFA-AI-17-010\)](#)

Type: R61/R33

Application Due Date: August 1, 2017. Apply by 5:00 PM local time of applicant organization.

This Funding Opportunity Announcement (FOA) invite applications to support innovative preclinical research to identify Mycobacterium tuberculosis (Mtb)-mediated changes in key immune cell regulatory pathways in the context of HIV infection and evaluate strategies to reverse these changes to treat TB and TB/HIV infection, limit long-term disease associated tissue damage, and/or potentiate vaccine effectiveness

Budget: NIAID intends to commit \$2,900,000 in FY 2018 to fund 3-5 awards. 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 of the combined R61 and R33 phases is 5 years with up to 2 years for the R61 phase and up to 3 years for the R33 phase. Applications with a project period less than 5 years are encouraged where feasible.

6. Extracellular Vesicles and Substance Use Disorders

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

Hyperlink: [\(PAR-17-242\)](#)
[\(PAR-17-250\)](#)

Type: R21
R01

Application Due Date: August 15, 2017, January 16, 2018. Apply by 5:00 PM local time of applicant organization.

This Funding Opportunity Announcement (FOA) encourage research projects that investigate the interplay between extracellular vesicles (EVs) and substance use disorders (SUDs). In particular, NIDA is interested in the potential utility of EVs with respect to understanding neuroplastic mechanisms relevant to SUDs or as biomarkers or therapeutics.

Budget: R21: The combined budget for direct costs for the two year project period may not exceed \$275,000. No more than \$200,000 in direct costs may be requested in any single year. Applicants may request a project period of up to two years. **R01:** Application budgets need to reflect the actual needs of the proposed project. A project period of up to five years may be requested.

7. Research Projects to Enhance Applicability of Mammalian Models for Translational Research

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

Hyperlink: [\(PAR-17-245\)](#)

Type: R01

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

This Funding Opportunity Announcement (FOA) invite applications for projects to expand, improve, or transform the utility of mammalian cancer and tumor models for translational research. With this FOA, the NCI intends to encourage submission of projects devoted to demonstrating that mammalian models or their derivatives used for translational research are robust representations of human biology, are appropriate to test questions of clinical importance, and provide reliable information for patients' benefit. These practical goals contrast with the goals of many mechanistic, NCI-supported R01 projects that employ mammals, or develop and use mammalian cancer models, transplantation tumor models, or models derived from mammalian or human tissues or cells for hypothesis testing, non-clinical research. Among many other possible endeavors, applicants in response to this FOA could propose demonstrations of how to overcome translational deficiencies of mammalian oncology models, define new uses of mammalian models or their genetics for unexplored translational challenges, advance standard practices for use of translational models, test approaches to validate and credential models, or challenge current practices for how models are used translationally

Budget: Application budgets are limited to \$450,000 direct costs per year. The scope of the proposed project should determine the project period. The maximum project period is 5 years.

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.