



NIH funding opportunities



Faculty of Medicine and Health Sciences: Research Development and Support 16 Oct 2017 (#37)

[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 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 Notice

- [Guidance on Exceptions to the NIH Single IRB Policy \(NOT-OD-18-003\)](#)
- [Guidance on Implementation of the NIH Policy on the use of a single Institutional Review Board for Multi-Site Research \(NOT-OD-18-004\)](#)
- [Publication of the Revised NIH Grants Policy Statement \(Rev. October 2017\) for FY 2018 \(NOT-OD-18-005\)](#)
- [FINDINGS OF RESEARCH MISCONDUCT \(NOT-OD-18-006\)](#)
- [Implementing a New Human Subject and Clinical Trial Information Form](#)
- [New Certificates of Confidentiality Policy in Effect](#)
- [New Video Provides Overview of New NIH Policies on Human Subjects Research and Clinical Trials](#)
- [New NIH Resource for Studies that Randomize Groups or Clusters or that Deliver Interventions to Groups](#)
- [Calculator to estimate sample size requirements for group- or cluster-randomized trials](#)

1. BRAIN Initiative: Theories, Models and Methods for Analysis of Complex Data from the Brain (Clinical Trial Not Allowed)

Letter of Intent: 30 days prior to the application due date **Hyperlink:** [RFA-EB-17-005](#) **Type:** R01

Application Due Date: December 15, 2017; October 17, 2018; October 17, 2019. Apply by 5:00 PM local time of applicant organization.

Funding Opportunity Announcement: This FOA solicits new theories, computational models, and statistical tools to derive understanding of brain function from complex neuroscience data. Proposed tools could include the creation of new theories, ideas, and conceptual frameworks to organize/unify data and infer general principles of brain function; new computational models to develop testable hypotheses and design/drive experiments; and new mathematical and statistical methods to support or refute a stated hypothesis about brain function, and/or assist in detecting dynamical features and patterns in complex brain data. It is expected that the tools developed under this FOA will be made widely available to the neuroscience research community for their use and modification. Investigative studies should be limited to validity testing of the tools being developed.

Budget: Then NIH BRAIN initiative anticipates providing \$6M per year to fund up to 15 awards each year. Application budgets not limited, but are expected to range between \$150,000 to \$250,000 direct costs per year. Investigators are expected to request a budget that is required to accomplish the proposed work. Awards are for three years of support.

2. Fundamental Science Research on Mind and Body Approaches (Clinical Trial Optional)

Letter of Intent: 30 days prior to the application due date **Hyperlink:** [PA-18-322](#) **Type:** R21

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

Funding Opportunity Announcement: This funding opportunity announcement (FOA) encourages exploratory /developmental research grant applications (R21) to investigate the fundamental science of mind and body approaches, including mind/brain-focused practices (e.g., meditation, hypnosis), body-based approaches (e.g., acupuncture, massage, spinal manipulation/mobilization), meditative exercise (e.g., yoga, tai chi, qi gong), art and music therapies, or integrative approaches combining several components. Studies of pharmacologic approaches exclusively are not included in the scope of this FOA.

Budget: The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. 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.

3. Fundamental Science Research on Mind and Body Approaches (Clinical Trial Optional)

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

Hyperlink: [\(PA-18-323\)](#)

Type: R01

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

Funding Opportunity Announcement: This Funding Opportunity Announcement (FOA) encourages research grant applications (R01) to investigate the fundamental science of mind and body approaches, including mind/brain-focused practices (e.g., meditation, hypnosis), body-based approaches (e.g., acupuncture, massage, spinal manipulation/mobilization), meditative exercise (e.g., yoga, tai chi, qi gong), art and music therapies, or integrative approaches combining several components. Studies of pharmacologic approaches exclusively are not included in the scope of this FOA.

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.

4. Limited Competition: Brain Tissue Resource Center for Alcohol Research (Renewal)

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

Hyperlink: [\(PAR-17-305\)](#)

Type: R28

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

Funding Opportunity Announcement: This Funding Opportunity Announcement (FOA) issued by the National Institute on Alcoholism and Alcohol Abuse (NIAAA), National Institutes of Health, is a limited competition FOA encouraging a resource project (R28) application from a center currently supported under an existing grant, entitled "Brain Tissue Resource Center for Alcohol Research" to (i) develop a "bank" of brain tissues (fresh-frozen and formalin-fixed) from alcoholic and control cases with confirmed clinical and pathological diagnoses, (ii) develop and promote a prospective brain donor program in Australia ("Using our Brains") to enhance the "brain bank", (iii) establish an associated DNA (blood) bank from the brain donor group, and (iv) invite research groups with an interest in alcohol-related brain damage to submit applications for studies using these tissues.

Budget: One award is anticipated. Application budgets are not limited but need to reflect the actual needs of the proposed project. The total project period may not exceed five years.

5. HIV Vaccine Research and Design (HIVRAD) Program (Clinical Trial Not Allowed)

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

Hyperlink:

Type: P01

Application Due Date: March 13, 2018; March 13, 2019; March 13, 2020. Apply by 5:00 PM local time of applicant organization.

Funding Opportunity Announcement: The purpose of this Funding Opportunity Announcement (FOA) is to support multi-component, multi-disciplinary projects that address scientific questions relevant to AIDS prophylactic vaccine discovery research. Extensive modeling of vaccine concepts in non-human primates may be included.

Budget: NIH intends to fund an estimate of 1-2 awards, corresponding to a total of \$4M, for fiscal year 2019. Future year amounts will depend on annual appropriations. Application budgets are limited to \$2.5M/year in direct costs and need to reflect the actual needs of the proposed project. The scope of the proposed project should determine the project period. The maximum period is 5 years.

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

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).