



# NIH funding opportunities



Faculty of Medicine and Health Sciences: Research Development and Support

11 May 2020 (#24)

[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](http://www.grants.nih.gov) or [www.sun.ac.za/RDSfunding](http://www.sun.ac.za/RDSfunding) (current & archive).

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

**Tygerberg Campus: [cdevries@sun.ac.za](mailto:cdevries@sun.ac.za) • Stellenbosch Campus [lizelk@sun.ac.za](mailto:lizelk@sun.ac.za)**

## Important Notice

- **[NOT-AI-20-049](#)**: Notice of Clarification to Award Information in [RFA-AI-20-020](#) “Tuberculosis Research Units (U19 Clinical Trial Optional)”. NIAID intends to commit \$10 million in FY 2021 to fund 2-3 awards. Applicants may propose a recommended budget of up to \$1.8 million per year in direct costs. The maximum project period is 5 years.
- **[NOT-HL-20-790](#)**: Notice of Change in Topic Areas of Interest for [NOT-HL-20-761](#), Notice of Special Interest (NOSI): **Pulmonary Complications of Hematopoietic Stem Cell Transplantation in Childhood**.
- **[NOT-DA-20-022](#)**: **Notice of Special Interest (NOSI): Advancing Research on SUD through Computational Neuroscience**. This Notice invites cutting edge computational approaches to utilize substance use disorder (SUD) data to its full potential and provide powerful insights into the etiology, prevention, and treatment of SUD. Research using basic or clinical approaches is appropriate.

### 1. NIH Exploratory/Developmental Research Grant Program (Parent R21, Clinical Trial Required)

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

**Hyperlink:** [PA-20-194](#)

**Type:** R21

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

**Funding Opportunity Announcement:** The NIH Exploratory/Developmental Grant supports exploratory and developmental research projects by providing support for the early and conceptual stages of these projects. These studies may involve considerable risk but may lead to a breakthrough in a particular area, or to the development of novel techniques, agents, methodologies, models, or applications that could have a major impact on a field of biomedical, behavioral, or clinical research. This Parent Funding Opportunity Announcement requires that at least 1 clinical trial be proposed. The proposed project must be related to the programmatic interests of one or more of the participating NIH Institutes and Centers (ICs) based on their scientific missions.

Applicants should note that some ICs (see [Related Notices](#)) only accept applications proposing mechanistic studies that meet NIH's definition of a clinical trial through this funding opportunity announcement.

**Budget:** 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.

### 2. NIH Exploratory/Developmental Research Grant Program (Parent R21, Clinical Trial Not Allowed)

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

**Hyperlink:** [PA-20-195](#)

**Type:** R21

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

**Funding Opportunity Announcement:** The NIH Exploratory/Developmental Grant supports exploratory and developmental research projects by providing support for the early and conceptual stages of these projects. These studies may involve considerable risk but may lead to a breakthrough in a particular area, or to the development of novel techniques, agents, methodologies, models, or applications that could have a major impact on a field of biomedical, behavioral, or clinical research.

**Budget:** 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.

### 3. NIH Small Research Grant Program (Parent R03, Clinical Trial Not Allowed)

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

**Hyperlink:** [PA-20-200](#)

**Type:** R03

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

**Funding Opportunity Announcement:** The NIH Small Research Grant Program supports small research projects that can be carried out in a short period of time with limited resources. This program supports different types of projects including pilot and feasibility studies; secondary analysis of existing data; small, self-contained research projects; development of research methodology; and development of new research technology. This Funding Opportunity Announcement does not accept applications proposing clinical trial(s).

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

### 4. Research Project Grant (Parent R01 Clinical Trial Required)

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

**Hyperlink:** [PA-20-183](#)

**Type:** R01

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

**Funding Opportunity Announcement:** The NIH Research Project Grant supports a discrete, specified, circumscribed project in areas representing the specific interests and competencies of the investigator(s). This Parent Funding Opportunity Announcement requires that at least 1 clinical trial be proposed. The proposed project must be related to the programmatic interests of one or more of the participating NIH Institutes and Centers (ICs) based on their scientific missions. Applicants should note that some ICs Related Notices) only accept applications proposing mechanistic studies that meet NIH's definition of a clinical trial through this funding opportunity announcement.

**Budget:** Application budgets are not limited but need to reflect the actual needs of the proposed project. The maximum project period is 5 years. Applicants requesting \$500,000 or more in direct costs in any year (excluding consortium F&A) must contact a Scientific/ Research Contact at least 8 weeks before submitting the application.

### 5. Research Project Grant (Parent R01 Basic Experimental Studies with Humans Required)

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

**Hyperlink:** [PA-20-184](#)

**Type:** R01

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

**Funding Opportunity Announcement:** The NIH Research Project Grant supports a discrete, specified, circumscribed project in areas representing the specific interests and competencies of the investigator(s). This Parent Funding Opportunity Announcement is for basic science experimental studies involving humans, referred to in [NOT-OD-18-212](#) as "prospective basic science studies involving human participants." These studies fall within the NIH definition of a clinical trial and also meet the definition of basic research. Types of studies that should submit under this FOA include studies that prospectively assign human participants to conditions (i.e., experimentally manipulate independent variables) and that assess biomedical or behavioral outcomes in humans for the purpose of understanding the fundamental aspects of phenomena without specific application towards processes or products in mind. Studies conducted with specific applications toward processes or products in mind should submit under the appropriate 'Clinical Trials Required' or 'Clinical Trial Optional' FOA. The proposed project must be related to the programmatic interests of one or more of the participating NIH Institutes and Centers (ICs) based on their scientific missions.

**Budget:** Application budgets are not limited but need to reflect the actual needs of the proposed project. The maximum project period is 5 years. Applicants requesting \$500,000 or more in direct costs in any year (excluding consortium F&A) must contact a Scientific/ Research Contact at least 8 weeks before submitting the application.

### 6. NIH Research Project Grant (Parent R01 Clinical Trial Not Allowed)

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

**Hyperlink:** [PA-20-185](#)

**Type:** R01

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

**Funding Opportunity Announcement:** The NIH Research Project Grant supports a discrete, specified, circumscribed project in areas representing the specific interests and competencies of the investigator(s). The proposed project must be related to the programmatic interests of one or more of the participating NIH Institutes and Centers (ICs) based on their scientific missions. This Funding Opportunity Announcement does not accept applications proposing clinical trial(s).

**Budget:** Application budgets are not limited but need to reflect the actual needs of the proposed project. The maximum project period is 5 years. Applicants requesting \$500,000 or more in direct costs in any year (excluding consortium F&A) must contact a Scientific/ Research Contact at least 8 weeks before submitting the application.

### 7. Large scale mapping and/or molecular profiling of ensembles and/or cell-types mediating opioid action in the rodent brain (R01 - Clinical Trial Not Allowed)

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

**Hyperlink:** [PAR-20-182](#)

**Type:** R01

**Application Due Date:** October 30, 2020. Apply by 5:00 PM local time of applicant organization.

**Funding Opportunity Announcement:** This funding opportunity announcement aims to support research that employs innovative scalable technologies to identify, map, and profile cellular ensembles and/or cell-types that produce and/or respond to opioids or that are engaged during different stages of opioid use (acute, chronic, withdrawal, abstinence, relapse). Emphasis is on approaches that enable high-throughput single-cell resolution mapping, anatomical characterization and/or molecular profiling of cells identified as targets of, or as primary sources of opioids in the brain.

**Budget:** NIDA intends to commit \$2M in FY2021 to fund 1-3 awards. Applications may not request more than \$1M direct costs for any one year. Applicants may not request more than five years of support.

## 8. NIH Exploratory/Developmental Research Grant Program (Parent R21 Basic Experimental Studies with Humans Required)

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

**Hyperlink:** [PA-20-196](#)

**Type:** R21

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

**Funding Opportunity Announcement:** The NIH Exploratory/Developmental Grant supports exploratory and developmental research projects by providing support for the early and conceptual stages of these projects. These studies may involve considerable risk but may lead to a breakthrough in a particular area, or to the development of novel techniques, agents, methodologies, models, or applications that could have a major impact on a field of biomedical, behavioral, or clinical research. This Parent Funding Opportunity Announcement is for basic science experimental studies involving humans, referred to in [NOT-OD-18-212](#) as “prospective basic science studies involving human participants.” These studies fall within the NIH definition of a clinical trial and also meet the definition of basic research. Types of studies that should submit under this FOA include studies that prospectively assign human participants to conditions (i.e., experimentally manipulate independent variables) and that assess biomedical or behavioral outcomes in humans for the purpose of understanding the fundamental aspects of phenomena without specific application towards processes or products in mind. Studies conducted with specific applications toward processes or products in mind should submit under the appropriate ‘Clinical Trials Required’ or ‘Clinical Trial Optional’ FOA. The proposed project must be related to the programmatic interests of one or more of the participating NIH Institutes and Centers (ICs) based on their scientific missions.

**Budget:** 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.

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