



# NIH funding opportunities



Faculty of Medicine and Health Sciences: Research Development and Support 22 Oct 2018 (#32)

[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 30 days before the submission date.**

Contact: RGMO Pre-Awards [cdevries@sun.ac.za](mailto:cdevries@sun.ac.za)

## Important Notices

- Responsibilities of Recipient Institutions in Communicating Research Misconduct to the NIH ([NOT-OD-19-020](#))
- REQUEST FOR PROPOSAL (RFP): BIOINFORMATICS RESOURCE CENTERS FOR INFECTIOUS DISEASES, RFP-NIAID-DMID-NIHAI201800005 ([NOT-AI-19-009](#)). Any responsible Offeror may submit a proposal which will be considered by the Agency. The Request For Proposal (RFP) is available electronically and may be accessed through FedBizOpps <https://www.fbo.gov>.

### 1. Lymphatics in Health and Disease in the Digestive System (Clinical Trial Not Allowed)

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

**Hyperlink:** ([RFA-DK-18-021](#))

**Type:** R01

**Application Due Date:** February 21, 2019. Apply by 5:00 PM local time of applicant organization.

**Funding Opportunity Announcement:** The purpose of this FOA is to invite applications that investigate aspects of lymphatic vessel physiology, development and pathophysiology related to health and diseases of the digestive system. Studies to understand the factors that control local lymphatic vessel functional anatomy and physiology and development during health or disease in this system and its organs, and the mechanisms by which alterations of lymphatic vessel function affect organ function, are of interest. However, studies with the major focus on immune mechanisms, role of lymphatics in cancer metastasis and study of lymphatic vessels in organs other than those from the digestive system will not be considered responsive.

**Budget:** NIDDK intends to commit \$1,000,000 in FY 2019 to fund up to 3 awards. Application budgets are limited to \$250,000 direct costs per year. Budgets should reflect the actual needs of the proposed project. The maximum project period is 5 years.

### 2. BRAIN Initiative: Research on the Ethical Implications of Advancements in Neurotechnology and Brain Science (Clinical Trial Optional)

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

**Hyperlink:** ([RFA-MH-19-400](#))

**Type:** R01

**Application Due Date:** February 4, 2019, October 9, 2019 and October 9, 2020. Apply by 5:00 PM local time of applicant organization.

**Funding Opportunity Announcement:** This funding opportunity announcement (FOA), in support of the NIH Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Initiative, is one of several FOAs aimed at supporting transformative discoveries that will lead to breakthroughs in understanding human brain function. Guided by the long-term scientific plan, "[BRAIN 2025: A Scientific Vision](#)," this FOA specifically seeks to support efforts addressing core ethical issues associated with research focused on the human brain and resulting from emerging technologies and advancements supported by the BRAIN Initiative. Efforts supported under this FOA are intended to be both complementary and integrative with the transformative, breakthrough neuroscience discoveries supported through the BRAIN Initiative.

**Budget:** Issuing IC and partner components intend to commit an estimated total of \$3 million in FY2019 to fund up to 8 awards.

Application budgets are limited to \$300,000 in direct costs 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. Basic Neurodevelopmental Biology of Circuits and Behavior (Clinical Trial Not Allowed)

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

**Hyperlink:** [\(PAR-19-027\)](#)  
[\(PAR-19-028\)](#)

**Type:** R01  
R21

**Application Due Date:** February 4, 2019. Apply by 5:00 PM local time of applicant organization.

**Funding Opportunity Announcement:** This Funding Opportunity Announcement (FOA) encourages research projects focused on the dynamic and mechanistic links between the maturation of brain circuits and behaviors across development in rodents and non-human primates. The goal is to build a foundation for understanding how interactions within and among brain regions change over pre- and post-natal development, allowing for the emergence of cognitive, affective and social behaviors. To this end, projects supported will focus on neurodevelopmental trajectories and investigate questions using in vivo neural measures in awake, behaving animals. This FOA uses the R01 grant mechanism, whereas its companion funding opportunity seeks shorter, higher-risk R21 grant applications.

**Budget:** R01 - Application budgets are limited to \$500,000 direct costs, annually. The scope of the proposed project should determine the project period. The maximum project period is 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](#)

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