



NIH funding opportunities



Faculty of Medicine and Health Sciences: Research Development and Support 31 Oct 2016 (#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 Coetsee cdevries@sun.ac.za) **as soon as possible to inform of your intent to apply and then confirm at least 30 days before the submission date**. The NIH grant is submitted institutionally. **All final application documents MUST reach the RGMO seven (7) workdays before NIH application due date.**

1. Interdisciplinary Research to Understand the Complex Biology of Resilience to Alzheimers Disease

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

Hyperlink: [\(RFA-AG-17-061\)](#)

Type: R01

Application Due Date: February 21, 2017. Apply by 5:00 PM local time of applicant organization. Applicants are encouraged to apply early to allow adequate time to make any corrections to errors found in the application during the submission process by the due date.

Applicants should be aware that on-time submission means that an application is submitted error free (to both Grants.gov and eRA Commons) on the application due date.

Purpose: This funding opportunity announcement invites comprehensive, cross-disciplinary studies aimed at building predictive molecular models of cognitive resilience based on high-dimensional molecular data collected in individuals who remain free of dementia despite being at high risk for Alzheimer's disease.

Budget: NIA intends to commit \$4.5 million in FY 2017 to fund 3-4 awards. The number of awards is contingent upon NIH appropriations. Annual direct costs are capped at \$750,000. The maximum project period is 5 years.

2. Selective Cell and Network Vulnerability in Aging and Alzheimers Disease

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

Hyperlink: [\(PAR-17-047\)](#)

Type: R01

Application Due Date: [Standard dates](#) apply. Apply by 5:00 PM local time of applicant organization. Applicants are encouraged to apply early to allow adequate time to make any corrections to errors found in the application during the submission process by the due date.

Applicants should be aware that on-time submission means that an application is submitted error free (to both Grants.gov and eRA Commons) on the application due date.

Purpose: The goal of this FOA is to define and characterize neural cell populations, neural circuits, and brain networks and regions that are vulnerable to brain aging and Alzheimer's disease (AD). Understanding mechanisms underlying selective vulnerability from cells to networks in AD is critical to fully define the disease process and to develop effective therapies.

Budget: NIA intends to commit \$8M in FY2017 to fund 10-12 awards. Application budgets are not limited but need to reflect the actual needs of the proposed project. The maximum project 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).

[Glossary of selected acronyms:](#)

FOA Funding Opportunity Announcement

PA Program Announcements ([click on "PA" to search for further funding opportunities](#))

RFA Request for Applications ([click on "RFA" to search for further funding opportunities](#))

Complete [Glossary and acronym list of NIH Terms](#)