



# NIH funding opportunities



Faculty of Medicine and Health Sciences: Research Development and Support 09 Feb 2016 (#4)

[\[Click on blue hyperlink for further information\]](#)

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).

Please be advised that you **must contact the Research Grants Management Office (RGMO) at least 60 days before the submission date**, Mr Eugene Baugaard ([eugeneb@sun.ac.za](mailto:eugeneb@sun.ac.za)), or as soon as you commit to apply for an NIH grant and that the grant is submitted institutionally. **All final application documents MUST reach the RGMO seven (7) workdays before NIH application due date.**

## Important notices

- Notice of Changes to PAR-15-131 "Global Infectious Disease Research Administration Development Award for Low-and Middle-Income Country Institutions (G11)" ([NOT-AI-16-029](#))
- Notice of Information: Announcement of Q&As and Pre-application Webinar for PAR-15-131 "Global Infectious Disease Research Administration Development Award for Low-and Middle-Income Country Institutions (G11)" ([NOT-AI-16-032](#))
- Notice of NICHD, NINDS, NIDCR and NIAID's Interest to Prioritize Zika Virus (ZIKV) Research Areas ([NOT-HD-16-004](#))
- Notice of Intent to Publish a Funding Opportunity Announcement for Hypertension Outcomes for T4 REsearch within Lower Middle-Income Countries (Hy-TREC) (UH2/UH3) ([NOT-HL-16-299](#))

## 1. Targets of Low Dose Alcohol in the Brain

**Letter of Intent due date:** Usually 30 days prior to the application due date      **Hyperlink:** [\(RFA-AA-16-008\)](#)      **Type:** R01  
[\(RFA-AA-16-009\)](#)      R21

**Application Due Date:** April 21, 2016. 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** (of both Grants.gov and eRA Commons errors) on the application due date.

**Purpose:** This Funding Opportunity Announcement (FOA) solicits research grant applications that define molecular and cellular targets mediating alcohol effects at concentrations of 10 mM and below. It has been well established that alcohol at relatively high concentrations modulate a variety of receptors and ion channels, intracellular signaling cascades, and gene expression in the brain. Significant knowledge gaps, however, remain in understanding how the brain responds to low doses of alcohol and what molecular targets mediate alcohol action at concentrations below 10 mM. The purpose of this FOA is to support research efforts to identify targets mediating effects of low-dose alcohol at molecular, cellular, and circuit levels.

**Budget:** NIAAA intends to commit a combined \$2.5 Million in FY 2016 to fund 7 - 8 applications in response to this FOA and the companion FOA, RFA-AA-16-009. Future year amounts will depend on annual appropriations. **R01:** Applications for an R01 award need to reflect the actual needs of the proposed project. Application budgets are limited to \$250,000 direct costs annually. The award project period may not exceed 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.

## 2. Mechanistic Basis of Diffuse White Matter Disease in Vascular Contributions to Cognitive Impairment and Dementia (VCID)

**Letter of Intent due date:** Usually 30 days prior to the application due date      **Hyperlink:** [\(RFA-NS-16-021\)](#)      **Type:** R01

**Application Due Date:** April 19, 2016. 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** (of both Grants.gov and eRA Commons errors) on the application due date.

**Purpose:** The purpose of this funding opportunity announcement (FOA) is to support hypothesis-testing research to elucidate cellular and molecular mechanisms that underlie diffuse white matter disease of vascular origin including multifocal, small, and silent brain infarcts that may contribute to cognitive impairment and dementia.

**Budget:** NINDS intends to commit up to \$1,300,000 in FY 2016 to fund up to 3-4 awards. Application budgets are limited to up to \$500,000 direct costs per year, and should 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](#)

**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.

**DP1 – NIH Director’s Pioneer Award (NDPA):** To support individuals who have the potential to make extraordinary contributions to medical research. The NIH Director’s Pioneer Award is not renewable.

**DP3 – Institutional Training and Director Program Projects -Type 1 Diabetes Targeted Research Award:** To support research tackling major challenges in type 1 diabetes and promoting new approaches to these challenges by scientific teams.

**P20 – Research Program Projects and Centers -Exploratory Grant:** To support planning for new programs, expansion or modification of existing resources, and feasibility studies to explore various approaches to the development of interdisciplinary programs that offer potential solutions to problems of special significance to the mission of the NIH. These exploratory studies may lead to specialized or comprehensive centers.

**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.

**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.

**UH2/UH3 – NIH Phase Innovation Awards Cooperative Agreement:** To support the development of new research activities in categorical program areas. (Support generally is restricted in level of support and in time.) The UH3 award is to provide a second phase for the support for innovative exploratory and development research activities initiated under the UH2 mechanism. Although only UH2 awardees are generally eligible to apply for UH3 support, specific program initiatives may establish eligibility criteria under which applications could be accepted from applicants demonstrating progress equivalent to that expected under UH2.

**U2R – International Research Training Cooperative Agreements:** Cooperative agreement mechanism for D43 to support research training programs for US and foreign professionals and students to strengthen global health research and international research collaboration.

**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.

#### 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](#)

