



NIH funding opportunities



Faculty of Medicine and Health Sciences: Research Development and Support 18 July 2016 (#22)

[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.**

Important notices

- Notice of Correction to Advisory Council Review Dates for PAR-16-281 "Planning Grant for Fogarty HIV Research Training Program for Low- and Middle-Income Country Institutions (D71)" ([NOT-TW-16-004](#)) and PAR-16-279 "Fogarty HIV Research Training Program for Low-and Middle-Income Country Institutions (D43)" ([NOT-TW-16-005](#))

1. International Tobacco, and Health Research and Capacity Building Program

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

Hyperlink: [RFA-TW-16-003](#)

Type: R01

Application Due Date: Oct 13, 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** (to both Grants.gov and eRA Commons) on the application due date.

Purpose: This Funding Opportunity Announcement (FOA) solicits applications to support collaborative research projects that address the health burden of tobacco use in low-and middle-income countries (LMICs). Trans-disciplinary research in LMICs may be proposed, with the overall goal of reducing the global burden of morbidity and mortality caused by tobacco use. The program is designed to promote international research collaborations between investigators in the U.S. and scientists/institutions in LMICs to pursue research on tobacco control and prevention in LMICs where tobacco consumption poses a public health challenge. The goal of the program is focused on strengthening the research base in LMICs. To this end, research capacity strengthening in the LMIC(s) must be an integrated and significant part of the research application. Note that in this FOA, the term "tobacco" includes smoked and smokeless (non-combustible) forms of tobacco, and electronic nicotine delivery systems.

Budget: The issuing IC and partner components intend to commit an estimated total of \$2.0 million in FY 2017 for 6-8 awards. Application budgets are limited to direct costs of up to \$250,000 per year. The maximum project period is 5 years.

2. NIDCR Small Research Grants for Secondary Analysis of FaceBase Data

Letter of Intent due date: N/A

Hyperlink: [PAR-16-362](#)

Type: R03

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 FaceBase Consortium is developing a variety of comprehensive datasets on craniofacial development that are available to the wider scientific community at www.facebase.org. This funding opportunity announcement (FOA) will support meritorious research projects that conduct secondary data analyses of these FaceBase datasets relevant to craniofacial development, human craniofacial conditions or traits, and animal models of those craniofacial conditions. Informatics projects that integrate data from multiple FaceBase datasets are especially encouraged.

Budget: Direct costs of up to \$200,000 per year are allowed with a maximum direct cost of \$200,000 for the entire funding period. The scope of the proposed project will determine the project period but the maximum period is 2 years

3. Dual Purpose with Dual Benefit: Research in Biomedicine and Agriculture Using Agriculturally Important Domestic Animal Species

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

Hyperlink: [\(PAR-16-366\)](#)

Type: R01

Application Due Date: September 27, 2016; September 27, 2017; September 27, 2018. 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 purpose of this interagency Funding Opportunity Announcement (FOA) is to invite the submission of grant applications that utilize agriculturally important domestic animal species to improve human health through the advancement of basic and translational research deemed highly relevant to both agricultural and biomedical research. This initiative is designed to facilitate and encourage comparative medicine research studies through the careful selection and refinement of farm animal models that mimic human developmental, physiological and etiological processes to better understand the biology of fertility and infertility, normal and abnormal metabolism, developmental origin of diseases, and improve prevention and treatment of infectious diseases in both human and agriculturally important domestic animals. The anticipated outcomes include both the elucidation of fundamental information relevant for the improvement of human health and an increase in food animal production and improvement in animal health and product quality. It is envisioned that each application will address mission-relevant areas of both agencies.

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. Phenotypic and Functional Characterization of ApoE2 to Inform Translation Strategies for Aging-Related

Letter of Intent due date: N/A

Hyperlink: [\(PAR-16-370\)](#)
[\(PAR-16-371\)](#)

Type: R01
R21

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 purpose of this FOA is to conduct basic and translational studies on ApoE2 and other variants to improve understanding of physiologic and cellular differences attributable to the ApoE e2 allele (vs. other ApoE alleles), and how they mediate ApoE e2's differential effects on longevity and risk for age-related conditions. This will aid in the identification of potential therapeutic targets for interventions that prevent or ameliorate aging-related diseases by mimicking favorable differential effects of the ApoE e2 variant, while avoiding adverse effects.

Budget: R01 = Application budgets are not limited but need to reflect the actual needs of the proposed project. The scope of the project period 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](#)

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.

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.

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](#)