



NIH funding opportunities



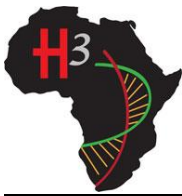
Faculty of Medicine and Health Sciences: Research Development and Support 12 Aug 2016 (#26)

[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.

Important notices



The Human Heredity and Health in Africa (H3Africa) Initiative is a partnership between NIH, the [African Society of Human Genetics](#) and [Wellcome Trust](#) to foster genomic and epidemiological research in African scientific institutions. Participating NIH components include the [NIH Common Fund](#), the [National Human Genome Research Institute \(NHGRI\)](#) and [Fogarty](#).

wellcometrust

NIH National Institutes of Health
Turning Discovery Into Health



- NIH H3Africa Funding Opportunities:
 - Bioinformatics (#1 and #2 below)
 - Research (#3 and #4 below)
 - Ethical, Legal, and Societal Issues (ELSI) (#5 and #6 below)
 - Coordinating Center (#7 below)
- Letter of intent due date: September 15, 2016
- Application due date: November 15, 2016

All final application documents MUST reach the RGMO seven (7) workdays before NIH application due date.

1. Global Health Bioinformatics Research Training Program

Letter of Intent due date: 15 September 2016

Hyperlink: [RFA-RM-16-012](#)

Type: U2R

Application Due Date: 15 November 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 NIH Funding Opportunity Announcement (FOA), supported by funds from the NIH Common Fund (Common Fund), invites applications to support bioinformatics research training programs at low or middle income (LMIC) African country institutions with significant genomics research capacity. African applicants may propose graduate degree and long term postdoctoral bioinformatics research training in collaboration with other African or high income country (HIC) collaborators. It is expected that these training programs will address the need for bioinformatics research expertise in the H3Africa Consortium and result in sustainable centers of bioinformatics research training relevant to global health research for the African continent.

Budget: The NIH Common Fund intends to commit an estimated total of \$1,000,000 per year for up to 5 years to fund up to 4 awards. The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious proposals. Application budgets are limited to \$250,000 per year in total costs. The maximum project period is 5 years. Awards provide stipends as a subsistence allowance to help defray living expenses during the research training experience. The cost of trainee tuition and fees may be supported by the award. Trainee travel, lodging and per diem to attend scientific conferences and workshops that the institution determines to be necessary for the individual's research training experience are allowable expenses. Applicants may include costs to support mentored research projects for trainees. One-time advanced in-country research training support of up to \$20,000 direct costs per trainee for mentored research to be undertaken by a long-term trainee in his/her country may be included. NIH will provide funds to help defray other research training expenses, such as trainee health insurance, staff salaries, consultant costs, research supplies, and faculty/staff travel directly related to the research training program. Other training-related expenses (e.g., books, laptop computers, and English language proficiency courses, etc.) may be included. Support from this award should not be used to acquire major infrastructure (purchase of capital equipment costing more than \$5,000 is not allowed). Software and platform subscription or license costs may be included, as well as internet or cellular connectivity costs that are necessary for establishing the proposed training program.

2. Informatics Network

Letter of Intent due date: 15 September 2016

Hyperlink: [RFA-RM-16-011](#)

Type: U24

Application Due Date: 15 November 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: The purpose of this FOA is to both expand existing, as well as develop novel, capabilities for capacity building and implementation related to genomic research on the African continent by providing support for an Informatics Network for the Human Heredity and Health in Africa (H3Africa) Consortium.

Budget: NIH intends to commit up to \$2.5M per year for up to 5 years for one award. Funding is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. The total costs are not to exceed \$2.5M per year for each of the five years and should reflect the actual needs of the proposed project. The total project period for this FOA is 5 years.

3. Collaborative Centers

Letter of Intent due date: 15 September 2016

Hyperlink: [RFA-RM-16-016](#)

Type: U54

Application Due Date: 15 November 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 NIH Funding Opportunity Announcement (FOA), supported by funds from the NIH Common Fund (Common Fund) and participating NIH Institute(s) and Center(s), invites applications from foreign Institutions in African countries to submit applications for H3Africa Collaborative Centers. These awards will support 3-5 collaborating research projects at three or more African institutions working together as a partnership to accomplish more than each project could accomplish on its own. An H3Africa Collaborative Center should employ state of the art genomics approaches to study genetic and environmental contributors to specific health condition(s) or disease(s) relevant to African populations.

Budget: The NIH Common Fund and partner components intend to commit up to \$6M per year for up to five years to fund up to 6 awards. The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. The requested budget needs to reflect the actual needs of the proposed project. H3Africa Collaborative Center applications are limited to \$1,000,000 total costs per year, which include salaries, supplies, equipment, travel, and other allowed expenses for research grants. In order to address H3Africa's goals to build infrastructure, applications for new H3Africa Collaborative Centers may also request up to an additional \$250,000 for equipment in the first or second year. All requests for equipment must be very well justified in terms of the needs of the proposed project. The maximum project period is five years.

4. Research Projects

Letter of Intent due date: 15 September 2016

Hyperlink: [RFA-RM-16-015](#)

Type: U01

Application Due Date: 15 November 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 NIH Funding Opportunity Announcement (FOA), supported by funds from the NIH Common Fund (Common Fund) and participating NIH Institute(s) and Center(s), invites applications from foreign Institutions in African countries. The purpose of this FOA is to call for applications for investigator-initiated H3Africa Research Projects. An H3Africa Research Project is a discrete, specified, circumscribed research project, conducted by a single investigator or multiple investigators, that employs state-of-the-art genomics approaches and relates to the study of genetic and/or environmental contributors to specific health condition(s) or disease(s) relevant to African populations.

Budget: The NIH Common Fund and partner components intend to commit up to \$2M per year for FY17-21 to fund 4-8 awards. The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. Application budgets need to reflect the actual needs of the proposed project and are limited to \$250,000 total costs per year which includes salaries, supplies, equipment, travel, and other allowed expenses for research grants. The scope of the proposed project should determine the project period. The maximum project period is 5 years.

5. ELSI Collaborative Centers

Letter of Intent due date: 15 September 2016

Hyperlink: [RFA-RM-16-014](#)

Type: U54

Application Due Date: 15 November 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) encourages applications to establish Collaborative Centers to study ethical, legal and societal issues (ELSI) of human genome research across the African continent. Of particular interest are projects that propose bioethical, legal, and social science analyses of new or emerging issues that affect multiple communities across the continent of Africa. These awards will support 3-5 collaborating research projects at three or more African institutions working together as a partnership to accomplish more than each project could accomplish on its own.

Budget: The NIH Common Fund intends to commit up to a total of \$500,000 per year for up to 5 years. NIH intends to fund at least 1 award. The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. Application budgets are limited to \$500,000 total costs per year, and must reflect actual needs of the proposed project. The scope of the proposed project should determine the project period. The maximum project period is 5 years.

6. ELSI Research Program

Letter of Intent due date: 15 September 2016

Hyperlink: [RFA-RM-16-013](#)

Type: U01

Application Due Date: 15 November 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) encourages applications to study the ethical, legal and societal issues (ELSI) of human genome research in African populations. Of particular interest are projects that propose focused bioethical, legal, and social science analyses of new or emerging issues. This FOA is complementary to the H3Africa: ELSI Collaborative Centers (RFA-RM-16-014).

Budget: The NIH Common Fund intends to commit up to a total of \$600,000 per year for up to 3 years. NIH intends to fund an estimate of 5-7 awards. The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. Application budgets are limited to \$100,000 direct costs per year but need to reflect the actual needs of the proposed project. The scope of the proposed project should determine the project period. The maximum period is 3 years.

7. Coordinating Center

Letter of Intent due date: 15 September 2016

Hyperlink: [RFA-RM-16-017](#)

Type: U24

Application Due Date: 15 November 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: The purpose of this FOA is to solicit applications from foreign institutions in African countries to provide an Administrative Coordinating Center for the H3Africa Consortium. H3Africa research projects employ state of the art genomics approaches to study genetic and environmental contributors to specific health condition(s) or disease(s) relevant to African populations. The H3Africa Administrative Coordinating Center will provide the organizational framework for the management, direction, and overall coordination of all common H3Africa activities (i.e. Consortium activities).

Budget: The NIH Common Fund and NHGRI intend to commit up to a total of \$400,000 per year for up to 5 years for one award. Funding is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. Application need to reflect the actual needs of the proposed project and are limited to \$400,000 total costs/year. The maximum project period is 5 years.

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).

R25 – 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.

U54 – Specialized Centers – Cooperative Agreements: To support any part of the full range of research and development from very basic to clinical; may involve ancillary supportive activities such as protracted patient care necessary to the primary research or R&D effort. The spectrum of activities comprises a multidisciplinary attack on a specific disease entity or biomedical problem area. These differ from program project in that they are usually developed in response to an announcement of the programmatic needs of an Institute or Division and subsequently receive continuous attention from its staff. Centers may also serve as regional or national resources for special research purposes, with funding component staff helping to identify appropriate priority needs.

U2R – International Research Training Cooperative Agreements – 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.

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](#)