



UNIVERSITY OF GHANA

OFFICE OF RESEARCH, INNOVATION AND DEVELOPMENT (ORID)

P. O. Box LG 571, Legon, Accra-Ghana

FUNDING OPPORTUNITIES NEWSLETTER



NOVEMBER 2020

PROJECT GRANTS

Conservation, Food and Health Foundation, US

Closing date: 01 Jan 21

Concept applications due by 1 January and 1 July annually; full proposals due by 1 March and 3 September annually.

The Conservation, Food and Health Foundation invites concept applications for its project grants. These support projects in the developing world in the fields of conservation, food and health. Funding is available to projects that:

- demonstrate strong local leadership and promote professional development in the conservation, agricultural, and health sciences;
- develop the capacity of local organisations;
- address a particular problem in the field.

NGOs are eligible to apply. Priority is given to organisations located in developing countries or to developed country organisations whose activities are of direct and immediate benefit to developing countries. States of the former Soviet Union or former Eastern Bloc countries are not supported.

The average grant amount is USD 20,000 and they rarely exceed USD 30,000.

<http://cfhfoundation.grantsmanagement08.com/>

Innovational Research Incentives Scheme Veni – Social Sciences and Humanities

Dutch Research Council | Nederlandse Organisatie voor Wetenschappelijk Onderzoek, NL

Closing date: January 7, 2021 14:00

The Netherlands Organisation for Scientific Research (NWO) invites proposals for its innovation research incentives scheme Veni – social sciences and humanities. This enables researchers in the fields of Social Sciences and Humanities, who have recently obtained their PhD, to conduct independent research and develop their ideas. Candidates must have completed their doctorates within the last three years. Researchers from outside the Netherlands may apply, but the project must be carried out at a Dutch institution recognised by NWO. Female researchers are particularly encouraged to apply.



Grants are worth up to **€250,000** each over three years.

<https://www.nwo.nl/en/funding/our-funding-instruments/nwo/innovational-research-incentives-scheme/veni/sgw/sgw.html>

Healthy Habits – Timing for Developing Sustainable Healthy Behaviours in Children and Adolescents (R01 Clinical Trial Optional): AIDS-Related

NIH: National Institute of Nursing Research, US

Closing date: 07 Jan 21

Applications are due by 5pm local time of applicant's organisation every 7 September, 7 January and 7 May until 8 January 2021.

The National Institute of Nursing Research invites applications for its healthy habits – Timing for Developing Sustainable Healthy Behaviours In Children and Adolescents (R01 clinical trial optional): *AIDS-related funding opportunity*. This aims to identify mechanisms of influence and promote positive sustainable health behaviour, or changes to social and cultural norms that influence health, in children and youth up to the age of 18. Projects should target social and cultural factors, including schools, families, communities, population, food industry, age-appropriate learning tools and games, social media, social networking, technology and mass media. Topics to be addressed in this announcement include:

- sustainable processes for influencing young people to make healthy behaviour choices;
- identification of the appropriate stage of influence for learning sustainable lifelong health behaviours;
- the role of technology and new media in promoting healthy behaviour;
- identification of factors that support healthy behaviour development in vulnerable populations, barriers to healthy behaviours and mechanisms and mediators that are common to the development of a habitual health behaviours.

Applications from multidisciplinary teams that include Nurse Scientists are strongly encouraged.

This funding opportunity uses the NIH project grant (R01) grant mechanism and runs in parallel with one of identical scientific scope, PA-18-354, which solicits applications under the NIH exploratory or developmental (R21) grant mechanism.

US and foreign for-profit and non-profit organisations and public or private institutions may apply. Application budgets are not limited but need to reflect actual needs of the proposed project. The maximum project period is five years.

Ref: PA-18-355 (replaces PA-14-177).

<https://grants.nih.gov/grants/guide/pa-files/PA-18-355.html>

Bioengineering Research Grants (R01 Clinical Trial Optional): AIDS-Related

Closing date 07 Jan 21

A total of five Institutes and Centres of the National Institutes of Health invite applications for their bioengineering research AIDS-related grants (R01 clinical trial required). These support collaborations between the life and physical sciences that apply a multidisciplinary bioengineering approach to the solution of a biomedical problem, and integrate, optimise, validate, translate or otherwise accelerate the adoption of promising tools, methods and techniques for a specific research or clinical problem in basic, translational, or clinical science and practice.

Applications may propose design-directed, developmental, discovery-driven, or hypothesis-driven research that is appropriate for small teams applying an integrative approach to increase the understanding of and solve problems in biological, clinical or translational science. The goal is to foster the development of an innovative technology, model, technique, design or method that has the potential for significant impact on biomedical research by infusing principles and concepts from the quantitative sciences. Projects must clearly serve the mission of one or more of the NIH institutes or centres participating in this opportunity.

This funding opportunity uses the NIH research project (R01) grant mechanism and runs in parallel with one of identical scientific scope, PAR-19-158, which solicits applications under the same grant mechanism.

US and foreign for-profit or non-profit organisations and public or private institutions may apply.

Grants are for a maximum period of five years. Application budgets are not limited but need to reflect the actual needs of the proposed project. The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications.

Ref: PAR-19-158 (replaces PAR-18-206).

Deadline information Applications are due by 5pm local time of applicant organisation from 7 January until 8 May 2021.

Award type Clinical trials; Directed grants to institutions, research groups etc

Indexed with these disciplines

Bioengineering; Medicine & Health; HIV/Aids

<https://grants.nih.gov/grants/guide/pa-files/PA-18-206.html>



Science of Learning and Augmented Intelligence Programme

National Science Foundation, US

Closing date: 20 Jan 21

Applications due on the third Wednesday in January and on the second Wednesday in July; repeated annually. The National Science Foundation invites applications for its Science of Learning and Augmented Intelligence Programme. This supports research developing basic theoretical insights and fundamental knowledge about principles, processes and mechanisms of learning and about augmented intelligence. The following research is supported:

- learning in individuals and in groups across a wide range of domains at one or more levels of analysis including molecular or cellular mechanisms, brain systems, cognitive, affective and behavioural processes and social or cultural influences;
- augmented intelligence that clearly articulates principled ways in which human approaches to learning and related processes can be improved through interaction with others or the use of artificial intelligence in technology.

Foreign organisations may apply provided they do so in consortium with US organisations. The proposer must explain why local support is not feasible and why the

foreign organisation can carry out the activity more effectively.

Ref: PD 19-127Y.

https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505731&org=NSF&sel_org=NSF&from=fund

Bernadotte Scholarships

Royal Gustavus Adolphus Academy for Swedish Folk Culture | Kungliga Gustav Adolfs Akademien för svensk folkkultur, SE and other funders

Closing date: January 8, 2021

Royal Gustavus Adolphus Academy for Swedish Folk Culture, together with the Royal Swedish Academy of Fine Arts, the Royal Swedish Academy of Music, and the Royal Swedish Academy of Letters, History and Antiquities invite applications for scholarships within the Bernadotte programme. These support research stays at a Swedish university or research-oriented archive, museum or library for postdoctoral researchers from outside Sweden. The aim is to promote networking and interdisciplinary research between scholarship holders. Projects should involve areas of expertise of at least two of the participating academies, of which one field must be related to Swedish folk culture.

Postdoctoral researchers from outside Sweden, who obtained their PhD within the last five years, may apply.

Two scholarships are available, each worth **SEK 125,000**. Projects must last for at least six months. Scholarships cover costs for travel and living expenses.

<http://gustavadolfsakademien.se/aktuella-utlysningar>

Horizon 2020 Framework Programme: LC-GD-2-3-2020 Accelerating the Green Transition and Energy Access Partnership with Africa;

European Commission

Deadline: 26 January 2021 17:00:00 Brussels time

This action responds to the Joint Communication for a Comprehensive Strategy with Africa[1] adopted on 9/3/2020, which highlights that innovation is key to enable African countries to pursue sustainable pathways to development through a low-carbon, climate resilient and green growth trajectory, leapfrogging fossil fuel technologies. It will contribute to the present R&I Partnership on Climate Change and Sustainable Energy of

the EU/AU High-Level Policy Dialogue[2] on Science, Technology and Innovation that is expected to strongly contribute to Action 1 of the Comprehensive Strategy with Africa.

The African continent has an enormous renewable energy potential which just began to be harnessed successfully. The adoption of innovative, affordable and efficient renewable energy solutions will support Africa in achieving sustainable development growth and economic transformation.

1. Eligible countries: described in Annex A of the Work Programme
2. Eligibility and admissibility conditions: described in Annex B and Annex C of the Work Programme.

At least two partners from at least one African country must be part of the consortium.

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/lc-gd-2-3-2020;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502,31094503;programCode=H2020;programDivisionCode=null;focusAreaCode=null;crossCuttingPriorityCode=null;callCode=H2020-LC-GD-2020;sortQuery=submissionStatus;orderBy=asc;onlyTenders=false;topicListKey=callTopicSearchTableState>

Horizon 2020 Framework Programme: LC-GD-7-1-2020 Restoring Biodiversity and Ecosystem Services

Deadline: 26 January 2021 17:00:00 Brussels time

Underpinned by knowledge in the latest IPCC and IPBES reports, large-scale ecosystem restoration is urgent – the window of opportunity is closing rapidly. It needs a systemic approach to deliver tangible benefits on the European Green Deal actions for climate (mitigation, adaptation and disaster risk reduction), biodiversity, zero pollution and sustainable food systems (from farm to fork), health and wellbeing. Actions under this topic should therefore be pivotal in demonstrating and promoting systemic solutions for upscaling urgent restoration to increase biodiversity and support a wide range of ecosystem services, as requested in the Biodiversity Strategy for 2030 for damaged terrestrial, freshwater, coastal and marine ecosystems.....

1. Eligible countries: described in Annex A of the Work Programme.
2. Eligibility and admissibility conditions: described in Annex B and Annex C of the Work Programme.

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/lc-gd-7-1-2020;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502,31094503;programCode=H2020;programDivisionCode=null;focusAreaCode=null;crossCuttingPriorityCode=null;callCode=H2020-LC-GD-2020;sortQuery=submissionStatus;orderBy=asc;onlyTenders=false;topicListKey=callTopicSearchTableState>

A Multidisciplinary Approach to Study Vaccine-elicited Immunity and Efficacy against Malaria

NIH: Office of the Director, US and other funders

Deadline: February 8, 2021 (5:00 PM local time of applicant organization)

The purpose of this initiative is to support research to advance understanding of the Underlying Immune Mechanisms that Contribute to Malaria Vaccine-Elicited Protection or Vaccine Hypo-Responsiveness in Endemic Regions by capitalizing on recent research advances in systems vaccinology and systems immunology as well as emerging opportunities in data science and informatics. Multidisciplinary science and collaboration among investigators from the malaria vaccine research field and other relevant scientific areas are highly encouraged. The goal is to identify host signatures and mechanistic factors that influence malaria vaccine performance in endemic regions to guide and improve future vaccine design and evaluation.

Non-domestic (non-U.S.) Entities (Foreign Institutions) are eligible to apply.

Application budgets are limited to **\$750,000** per year for a maximum of 5 years.

<http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-20-064.html>



Healthy Habits – Timing for Developing Sustainable Healthy Behaviours in Children and Adolescents (R01 Clinical Trial Optional)

NIH: National Institute of Nursing Research, US

Closing date: 05 Feb 21

Applications open on 5 January 2018 and are due by 5pm local time of applicant's organisation, every 5 February, 5 June and 5 October until 8 January 2021.

The National Institute of Nursing Research invites applications for its healthy habits – timing for developing sustainable healthy behaviours in children and adolescents (R01 clinical trial optional) funding opportunity. This aims to identify mechanisms of influence and promote positive sustainable health behaviour, or changes to social and cultural norms that influence health, in children and youth up to the age of 18. Projects should target social and cultural factors, including schools, families, communities, population, food industry, age-appropriate learning tools and games, social media, social networking, technology and mass media. Topics to be addressed in this announcement include:

- sustainable processes for influencing young people to make healthy behaviour choices;
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Applications from multidisciplinary teams that include nurse scientists are strongly encouraged.

This funding opportunity uses the NIH project grant (R01) grant mechanism, and runs in parallel with one of identical scientific scope, PA-18-354, which solicits applications under the NIH exploratory or developmental (R21) grant mechanism.

US and foreign for-profit and non-profit organisations and public or private institutions may apply.

Application budgets are not limited but need to reflect actual needs of the proposed project. The maximum project period is five years.

Ref: PA-18-355 (replaces PA-14-177).

<https://grants.nih.gov/grants/guide/pa-files/PA-18-355.html>

BRAIN Initiative: Pilot resources for brain cell type-specific access and manipulation across vertebrate species (U01 Clinical Trial Not Allowed)

NIH: Office of the Director, US and other funders

Closing date: February 11, 2021 (5:00 PM local time of applicant organization)

This Funding Opportunity Announcement from the NIH Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Initiative is intended to support the development of technologies, production efforts, and dissemination resources for a cell type-specific armamentarium to study brain function across species. The goal is to promote evaluation of molecular or genetic technologies and creation of pilot production and distribution resources for cell type-specific access and manipulation reagents for several vertebrate species, including in human *ex vivo* tissues or cells. Demonstration projects are sought that would develop reagents that:

1. enable access to molecularly defined neural cell types in a complex brain region or significant brain network of a vertebrate;
2. are easily produced, disseminated, utilized, and stored; and
3. are catalogued for users in a brain atlas. In addition to the above required features, reagents are also sought that exhibit the following qualities:
4. are applicable to both genetically tractable and less tractable vertebrate organisms;
5. exhibit high specificity and efficiency of targeting;
6. show low toxic or perturbative effects;
7. provide flexibility to deliver various reporter, sensor, and effector payloads and are compatible with other methods of access to brain cell types; and
8. are potentially usable in human *ex vivo* brain tissue or cells. The pilot projects should be scalable in the future.

The long-term goal of a potentially scaled-up effort is to achieve near comprehensive, molecular access for monitoring and manipulation reagents in each defined cell type of vertebrate brains relevant to neuroscience research.

Non-domestic (non-U.S.) Entities (Foreign Institutions) are eligible to apply.

<https://grants.nih.gov/grants/guide/rfa-files/RFA-MH-20-556.html>

ClimapAfrica: Climate Research for Alumni and Postdocs in Africa

Closing date: February 15, 2021

The goal is to foster application- oriented research results by enhancing knowledge exchange between the postdoctoral fellows and experienced alumni of German funding initiatives. Fellows and alumni will collaborate in joint working groups that encompass several postdoctoral projects in a specific field related to climate change research. The working groups will benefit from the expertise of distinguished German mentors. Fellows and Alumni will increase their research impact and output through a comprehensive training and support program, including general skills training, science policy advising and science management. Postdoctoral fellows and alumni will connect with peers, regional and international experts and practitioners in their fields and create a growing network. This community will represent an important voice to raise the awareness for climate change as one of the most pressing issues of our time.

The qualification for this program requires a PhD degree, the nationality of an African country and a host institution in western/southern Africa

- must be nationals of an African Country.
- should be willing to contribute to the initiation and the coordination of alumni working groups.
- should be willing to realize their project at a host institution in Western or Southern Africa in one of the listed countries below: Angola, Benin, Botswana, Burkina Faso, Cape Verde Islands, Gambia, Ghana, Guinea, Guinea-Bissau, Ivory Coast, Liberia, Madagascar, Malawi, Mali, Mozambique, Namibia, Niger, Nigeria, Senegal, Sierra Leone, South Africa, Togo, Zambia, Zimbabwe.

<https://www2.daad.de/deutschland/stipendium/datenbank/en/21148-scholarship-database/?detail=57516492>

Understanding the Role of the M. Tuberculosis Granuloma in Tuberculosis (TB) Disease and Treatment Outcomes (R01 Clinical Trial Not Allowed)

NIH: Office of the Director, US and other funders

Closing date: February 22, 2021 (5:00 PM local time of applicant organization)

This Funding Opportunity Announcement is to support research to better define the role of the granuloma, the hallmark structure of pulmonary tuberculosis (TB), in TB disease and disease outcomes. Improved understanding of the granuloma will provide a much-needed knowledge base for the development of improved therapeutic approaches.

Non-domestic (non-U.S.) Entities (Foreign Institutions) are eligible to apply.

Application budgets are limited to **\$500,000** per year for a maximum of 5 years.

<https://grants.nih.gov/grants/guide/rfa-files/RFA-AI-20-057.html>

Cohort Studies to Improve Our Understanding of Influenza Immunity, Vaccine Response and Effectiveness in Older Adults (65 years and older) (U01 Clinical Trial Not Allowed)

NIH: Office of the Director, US and other funders

Closing date: February 22, 2021 (5:00 PM local time of applicant organization)

This initiative will support the use of longitudinal cohorts to develop greater understanding of important elements of influenza immunity that impact vaccine response and vaccine effectiveness in older adults (those 65 and older). In addition, this work will increase our understanding of how these elements relate to severe outcomes from influenza virus infection in older adults (i.e., hospitalization and death).

Non-domestic (non-U.S.) Entities (Foreign Institutions) are eligible to apply.

Application budgets are not limited but need to reflect the actual needs of the proposed project.

<https://grants.nih.gov/grants/guide/rfa-files/RFA-AI-20-060.html>

Population and Systems Medicine – Partnership Grant

Closing date: January 21, 2021

The partnership grant scheme is designed to support novel partnerships between diverse groupings of researchers. Funding will be provided to establish new, high-value collaborative activities/capabilities that should add value to high-quality scientific programmes that are already supported by grants from the MRC and

other funders. It is not designed to fund stand-alone, hypothesis-driven research projects, which may otherwise be eligible for MRC research or programme grant type funding. The PI must be based at a university unit, but not MRC institutes and units. Candidates based at an MRC institute and unit may apply as co-applicants. Funds are available for one to five years.

<https://mrc.ukri.org/funding/how-we-fund-research/partnership-grant/>

Early-life Factors and Cancer Development Later in Life (R03 Clinical Trial Not Allowed)

Closing date: January 7, 2021

The purpose of this Funding Opportunity Announcement (FOA) is to stimulate research focused on the role of early-life factors (maternal-paternal, in utero, birth and infancy, puberty, adolescence, and young adult years) in cancer development later in life. Given that the current emerging evidence from limited research indicates a potentially important role for early-life events and exposures in cancer development, it is necessary to better understand

FELLOWSHIPS



Research Fellowships for Health Professionals

Closing date 05 Jan 21

Wellcome invites preliminary applications for its research fellowships for health professionals. These enable practising health professionals to carry out

Those wishing to do a PhD must have a relevant master's degree, or equivalent experience, and an offer of a place on a PhD programme or evidence that they expect to receive one. Those wishing to conduct a postdoctoral project must have a relevant PhD or equivalent research experience. Candidates should be sponsored by someone who holds an established post at the institution and is committed to helping the candidate achieve their career aspirations, and have a supervisor or research mentor with a strong track record in humanities or social sciences.

1) the early-life (maternal-paternal, in utero, birth and infancy, puberty, adolescence, and young adult years) factors that are associated with later cancer development; 2) how early-life factors mediate biological processes relevant to carcinogenesis; and 3) whether predictive markers for cancer risk based on what happens biologically at early life can be measured and developed for use in cancer prevention strategies. Markers that predict malignancy or pre-malignant conditions would allow assessment of early-life exposures with relevant outcomes without having to wait decades for cancer development. Ultimately, a better mechanistic understanding of how early-life events and exposures contribute to the etiology of cancer later in life will allow for the development of effective interventions during pregnancy or early life that may have a profound impact on cancer prevention. Direct costs are limited to \$100,000 direct costs over the 2-year period, with no more than \$50,000 in direct costs allowed in a single year.

<https://grants.nih.gov/grants/guide/pa-files/PA-18-531.html>

humanities or social science research in any area of health. The research should aim to improve understanding of health and disease using humanities or social science methods. Applicants must want to do a PhD or a project at postdoctoral level. Examples of eligible areas include:

- how social, environmental and political structures determine health;
- how governments, communities and individuals respond to disease and pursue wellbeing;
- the cultural meanings and significance of sickness and health;
- the challenges of modern biomedicine.

Practising Health Professionals with some research experience may apply. Research fellowships must be held at an eligible UK, Republic of Ireland or low- or middle-income country institution, except for mainland China.

Fellowships are tenable for up to three years and are usually worth up to £400,000, providing a basic salary, research expenses and personal removal expenses.

Deadline information Preliminary applications due by 5pm GMT, 5 January 2021; full applications due by 5pm GMT, 18 March 2021. This call is repeated 2 times a year.

- Award type Early-Career fellowships; Predoctoral fellowships
- Award amount max £400,000

<https://wellcome.org/grant-funding/schemes/research-fellowships-health-professionals>



Structural Transformation of African Agriculture and Rural Spaces Fellowship Programme

Cornell University, US

Closing date: 24 Jan 21

We have no information from the funder yet about the next call. Based on experience, we forecast the deadline to be around January 2021. This call is repeated once a year.

Cornell University, in collaboration with CGIAR Research Program on Policies, Institutions and Markets, the African Development Bank, the African Economic Research Consortium, the Partnership for Economic Policy and the World Bank, invites applications for the structural transformation of African agriculture and rural spaces fellowship programme. This enables early-career African researchers to be paired with mentors at Cornell University to jointly author a paper on a topic relating to structural transformation in Sub-Saharan Africa. Proposals should address the following topics:

- dynamics of agriculture input use, technological change, and productivity growth in Africa south of the Sahara;
- rural factor market performance, labour exits and productivity in sub-Saharan Africa;
- food security, nutrition and health linkages in sub-Saharan Africa;
- poverty dynamics and resilience against shocks in sub-Saharan Africa.
- Applicants must be early-career African researchers who are either PhD students or have completed their PhD in 2015 or later.

Researchers must be based and working in Africa. Applications from women are particularly encouraged. Fellowships cover travel and training.

<https://pim.cgiar.org/2019/12/16/staars-fellowship-program-2020-call-for-proposals/>

APPLYING FOR FUNDING?

The Office of Research, Innovation and Development (ORID) aids faculty and postgraduate students when applying for research grant funding.

THE GRANT APPLICATION PROCESS:

1. Notify ORID's representative at designated Satellite Office;
2. Obtain departmental approval: Please consult with your immediate Head/Dean/Provost to confirm that the research proposal has their approval.
3. The Head/Dean/Provost will then endorse the Research Support Request form
4. The application, together with the Research Support Request Form can then be submitted to ORID through its Satellite Offices for Endorsement by the Pro Vice Chancellor (Research, Innovation and Development)
5. The Satellite Office will support you confirm eligibility and develop the application for submission.

Research Support Letters

Where the funder requests a letter of support to be signed by the Pro Vice Chancellor (RID) to be submitted for funding, the requests for support letter are to be submitted to ORID 5 working days ahead of the funder's deadline.

This is to allow for sufficient time for the review and signing of letters.

What is the role of ORID in the Proposal Submission Process?

Our aim is to ensure that all applications meet the criteria set out by the funder requirements vis-à-vis UGs rules and regulations; and that our chances of success are enhanced and that we are able to mitigate any risk that may arise in the conduct of the research. We also aim to ensure that applications are submitted on time before the funder's deadline.

Need further information?: Contact us at:

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orid-iso@ug.edu.gh

College of Health Sciences (Korle-Bu Campus): orid-kso@ug.edu.gh

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