



As the World Academy of Science sub-Saharan Africa Regional Partner (TWAS-SAREP) Coordinator, I wish to appeal to all academies of science, science councils, research institutions and universities in Africa to prioritise nomination of suitable candidates and further dissemination of the below opportunities. The regional partner is campaigning to increase the uptake of TWAS and related opportunities in sub-Saharan Africa and has identified your organisation as a suitable partner to effectively support this endeavour for the advancement of sciences in Africa. We will greatly appreciate your active involvement in nominating suitable candidates beyond disseminating these opportunities. TWAS-SAREP urges you to position your members/ researchers/ collaborators and recognise their remarkable contributions to sciences. The administrators of these opportunities will be pleased to receive nominations directly from institutions in the system of innovation with recommendations written by principals for competitive advantage to other regions. Africa hosts most of the Science and Technology Lagging Countries (STLCs) in the developing world and it is our mandate as science organisations to improve this status, **Stanley Maphosa: International & National Liaison Manager at the Academy of Science of South Africa (ASSAf), and Coordinator of the TWAS Sub-Saharan Africa Regional Partner (TWAS-SAREP).**

COVID-19 RESOURCES

The Global Health Network COVID-19 resources include:

- [COVID-19 Clinical Research Resources](#)
- [Coronavirus Outbreak Knowledge Hub](#)
- [Resources Dashboard](#)
- [Regional Response](#)

TWAS STATEMENT ON COVID-19

TWAS Council issued a Statement on COVID-19 calling for global collaboration inclusive of developing countries to combat the pandemic. The statement has been released and is available in pdf version at <https://twas.org/publications/miscellaneous> and on the TWAS website at: <https://twas.org/node/15027/>

GRANTS AND FELLOWSHIPS

Mastercard Foundation Scholars Program at KNUST

Deadline: 1 May 2020

The [Mastercard Foundation Scholars Program at KNUST](#) provides academically talented yet economically disadvantaged young people in Ghana and Africa with access to quality university education. The Scholarship package includes comprehensive financial support (full tuition, fully paid on-campus accommodation, learning materials, transportation and monthly stipend). Priority shall be given to: Females; Persons (Certified Refugees, Internally Displaced Persons, etc.); and Persons with Disability.

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Address: 1st Floor Block A, The Woods, 41 De Havilland Crescent, Persequor Park
Meiring Naudé Road, Lynnwood 0020, Pretoria, South Africa.

Tel: + 27 12 349 6638 email: kholani@assaf.org.za website: www.twas-rossa.org.za twitter: https://twitter.com/TWAS_SAREP

Elrha Research to Support COVID-19 Response in Humanitarian Settings

Rolling Deadline: 4 May 2020

[This call](#) focuses on priorities related to the COVID-19 outbreak in humanitarian settings in low and middle-income countries (LMICs). Proposals will be eligible for research that targets: *Refugees or IDPs in camps or urban humanitarian settings, or conflict-affected people in humanitarian settings in LMICs; Health systems and health care workers supporting the COVID-19 response in humanitarian settings in LMICs.* The size and number of grants to be awarded will depend on the quality of proposals received that are within the scope of the call. There will be no ceiling to the budgets. Value for money will be one of the criteria for grant approval.

NIH Sickle Pan-African Research Consortium Collaborative Sites (U01 Clinical Trial Optional)

Letter of Intent Deadline: 8 May 2020

This [Funding Opportunity Announcement](#) seeks both applications from established sites of the Sickle Pan-African Research Consortium (SPARCO) and applications from other Sub-Saharan African nations to become the Consortium's new sites. The renewed and expanded SPARCO including a Clinical Coordinating Center, up to three established sites and additional satellite sites, up to three new sites, and the associated Sickle Africa Data Coordinating Center (SADaCC) will together constitute the Sickle Cell Disease (SCD) in Sub-Saharan Africa Network. This network aims at developing a sustainable resource that will advance SCD-related epidemiologic, translational, and clinical studies. Application budgets must not exceed direct costs of US\$100,000 in FY 2021, US\$150,000 in FY 2022 and 2023, and US\$225,000 per year in FY 2024 and 2025. The maximum project period is 5 years.

NIH International Research in Infectious Diseases (R01 Clinical Trial Not Allowed)

Letter of Intent Deadline: 15 May 2020

This [Funding Opportunity Announcement](#) invites applications for support of high-priority, regionally relevant infectious disease research by international investigators in resource-constrained countries. Applicant organizations must be headquartered in foreign (non-US) resource-constrained countries. Applications may request a budget of up to US\$125,000 per year in direct cost and a maximum of US\$625,000 in direct costs over a five-year project period.

TWAS-DFG Cooperation Visits Programme

Deadline: 18 May 2020

The [TWAS-DFG Cooperation Visits Programme](#) provides postdoctoral researchers who have obtained their PhD not earlier than 2015 and are from sub-Saharan Africa, including South Africa, with the opportunity to make a 'Cooperation Visit' to an institute in Germany. Such visits will have a duration of no more than 3 months and must be undertaken within 12 months of the award.

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IsDB-TWAS Postdoctoral Fellowship Programme

Deadline: 18 May 2020

Early-career researchers from 21 Least Developed Member Countries of the Islamic Development Bank (IsDB) are eligible for a [new postdoctoral programme](#). The fellowships will support research related to the UN Sustainable Development Goals in areas relevant to sustainability science. The selected scientist will be provided with a monthly allowance on the basis of the cost of living in the host country; an allowance for bench fee costs up to US\$2,565 necessary for the awardee's research; and the cost of a round-trip air ticket up to US\$1,000.

NIH Partnerships for Countermeasures against Select Pathogens

Letter of Intent Deadline: 29 May 2020

This [Funding Opportunity Announcement](#) is soliciting research applications for milestone-driven projects focused on pre-clinical development of lead candidate therapeutics, vaccines, and related countermeasures against select NIAID Emerging Infectious Diseases/Pathogens. Applications must include a Product Development Strategy attachment and demonstrate substantive investment by at least one industrial participant. Up to US\$750,000 per year may be requested for a maximum project period of 5 years.

NIH Engineering Immunity to HIV-1 Through Next Generation Vaccines

Letter of Intent Deadline: 29 May 2020

The objective of this [Funding Opportunity Announcement](#) (FOA) is to pair Bioengineers and Immunologists to leverage emerging innovative knowledge in physical and computational sciences for the design and development of an HIV-1 vaccine. Application budgets are not limited, and the total project period for an application submitted in response to this FOA cannot exceed five years.

TWAS-ICCBS Postgraduate Fellowship Programme

Deadline: 1 June 2020

The International Centre for Chemical and Biological Sciences (ICCBS) — comprising the H.E.J. Research Institute of Chemistry and the Dr. Panjwani Centre for Molecular and Drug Research in Karachi, Pakistan — and TWAS offer [fellowships](#) to young scientists from developing countries (other than Pakistan) who wish to pursue research towards a PhD in chemical and biological sciences. ICCBS will provide a monthly stipend which should be used to cover living costs.

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AWARDS AND CONTESTS

Rolex Awards for Enterprise

Deadline: 15 April 2020

The [Awards for Enterprise](#) are open to anyone over 18 years of age, of any nationality, whose ground-breaking project is helping to expand knowledge of our world and improve the quality of life on the planet. Candidates can apply in five areas: science and health, applied technology, exploration, cultural heritage, and the environment. Laureates each receive 200,000 Swiss francs to advance their projects as well as a Rolex chronometer.

TWAS—Abdool Karim Award in Biological Sciences

Deadline: 30 April 2020

This [award](#), named after TWAS Fellow Quarraisha Abdool Karim, carries a cash award of US\$5,000 provided by Professor Abdool Karim. It is designed to honour women scientists in Low Income African countries for their achievements in Biological Sciences.

TWAS-Fayzah M. Al-Kharafi Award

Deadline: 30 April 2020

This annual [award](#), named after the TWAS Fellow Fayzah M. Al-Kharafi, recognizes women scientists from Scientifically and Technologically Lagging (STL) countries. It carries a cash award of US\$4,000 provided by Professor Al-Kharafi and this year is in the fields of Chemistry, Mathematics, Physics, or Engineering Sciences.

World Food Prize

Deadline: 1 May 2020

The World Food Prize is awarded for a specific, exceptionally significant, individual achievement that advances human development with a demonstrable increase in the quantity, quality, availability of, or access to food through creative interventions at any point within the full scope of the food system. Full nomination criteria are available [here](#).

TWAS-CAS Young Scientist Award for Frontier Science

Deadline: 15 May 2020

The new [TWAS-CAS Young Scientist Award for Frontier Science](#) will recognize achievements in the physical sciences, including physics and chemistry, by scientists no older than 45 who are living and working in a developing country. The recipient will receive US\$10,000.

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GCHERA World Agriculture Prize

Deadline: 31 May 2020

The [Global Confederation of Higher Education Associations for the Agricultural and Life Sciences World Agriculture Prize](#) aims to encourage the development of the mission of higher education institutions in education, research, innovation, and outreach in the agricultural and life sciences by recognizing the distinguished contribution of individuals to this mission. Two US\$100,000 prizes will be awarded in 2020 with at least one recipient coming from a country NOT classified as having a developed economy.

Africa Food Prize

Deadline: 1 June 2020

The [Africa Food Prize](#) is the preeminent award recognizing an outstanding individual or institution that is leading the effort to change the reality of farming in Africa—from a struggle to survive to a business that thrives. The US \$100,000 prize celebrates Africans who are taking control of Africa's agriculture agenda. It puts a spotlight on bold initiatives and technical innovations that can be replicated across the continent to create a new era of food security and economic opportunity for all Africans.

TWAS Regional Award 2020: Building Scientific Institutions

Deadline: 30 June 2020

The World Academy of Sciences Sub-Saharan Africa Regional Partner (TWAS-SAREP) seeks to honour an outstanding scientist/candidate who has played key roles in the [establishment of lively scientific institutions](#) and also who has significantly expanded the activities of established institution(s) in the developing world. The award comprises a certificate with a citation of the winner's scientific achievement, as well as a cash award of 3000 USD. The award is awarded in fulfilment of the TWAS objective of recognising, supporting and promoting scientific capacity and excellence in the developing world.

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