

TWAS RESEARCH GRANTS PROGRAMME

INTERDISCIPLINARY RESEARCH

FOR

COLLABORATIVE GRANT

*IN SCIENCE AND TECHNOLOGY-LAGGING COUNTRIES **

GUIDE

Applicants are advised to read this guide to ensure that they fulfil all the requirements in preparing applications and are familiar with TWAS general policies and guidelines concerning grants.

General Information

- **The World Academy of Sciences (TWAS) - for the advancement of science in developing countries – www.twas.org** – is an autonomous international organization founded in Trieste, Italy, in 1983. TWAS represents the best of science in the developing world. Its principal aim is to promote scientific capacity and excellence for science-based development in the South.
- The administrative and financial operation of TWAS is undertaken by UNESCO, in accordance with an agreement between UNESCO and the Italian government for TWAS.
- Since 1986, TWAS has been supporting scientists and institutions in developing countries through a wide range of programmes that include providing merit-based grants to research projects.
- The TWAS Research Grants Programme in Basic Sciences for Research Units has been established in response to the needs of research team leaders in developing countries, particularly those attached to institutions that lack appropriate research facilities.
- Under this scheme, heads of research units in 66 Science and Technology Lagging Countries (S&TLCs) working in the basic sciences are awarded grants to enable them to purchase the research equipment and facilities they need to enhance their productivity.
- The specific aims of the programme are to encourage the pursuit of scientific excellence in S&TLCs by identifying and supporting the best scientists in these countries; to reinforce and promote scientific research in the S&TLCs; to strengthen the endogenous capacity in science and technology; and to counteract the brain drain thus reducing the exodus of scientific talent from the S&TLCs.
- The programme is generously supported by the Swedish International Development Cooperation Agency (Sida).
- A collaborative grant amounts to a maximum of US\$ 30,000 for equipment and consumables per PI.
- Additional funds will be provided for visits between the two institutions of each PI.
- A grant is normally provided for a period of 24 months.

- A grant may be used to purchase scientific equipment and consumables. The grant does not cover salaries of researchers and/or students, or field expenses. In addition, the purchase of laptop computers, tablets and laboratory animals are not supported.

Subject Areas

- The Collaborative Grants programme provides support for inter disciplinary research projects that combine and integrate skills from multiple disciplines.

Eligibility of Applicants

- Applying *Principal Investigators* must be two renowned researchers who are nationals of a developing country, who hold a PhD and has good research experience. The grant should operate within a university or a research institution in one of the S&TLCs and should include a minimum of two Principal Investigators submitting one combined application. The PI may choose to include additional members such as researchers or PhD and MSc students, technicians, etc. There is no age limit for the PIs.
- A collaborative grant application must comprise of two previous TWAS Research Grant award recipients (for Individual or Group). One Principal Investigator (PI) MUST be from an LDC and the other from any other country from the STLC list of countries.
- Both PIs MUST be in two different countries (either both from an LDC or one from an LDC and the other from the remaining list (see below) of STLC).
- Both PIs must choose two different fields to ensure the research project is interdisciplinary across two different subject areas.
- TWAS would give priority to applications showing gender balance where one PI is female and the other male.
- Applicant must at the time of application NOT have an active research grant with TWAS or OWSD Early Career Women Scientists (ECWS) Fellowship.
- You must submit a strong Research Proposal, you may find further information on how to write a strong proposal by visiting [AuthorAID](#).
- Both Principal Investigators must have completed and submitted a satisfactory final report on their previous grant.
- Please be advised that applicants may apply for only one programme per calendar year in the TWAS and OWSD portfolio. Applicants will not be eligible to visit another institution in that year under the TWAS [Visiting Professor](#) programmes. One exception: The head of an institution who *invites* an external scholar to share his/her expertise under the TWAS [Visiting Professor](#) programmes may still apply for another programme.

Agreement

- On selection by an expert committee and approval by the TWAS Executive Director, a written agreement is made between TWAS, the grantee and his/her institute. The institute undertakes to administer the grant according to the agreement and to provide laboratory space, salaries and other

facilities necessary for the project. Equipment and consumables provided for the project through the TWAS Research Grants Programme remain the property of the institute after the project is completed.

- The research grant funds are kept at TWAS for the purchase of all items requested by the grantee. TWAS contacts the supplier(s) upon receipt of proforma invoices submitted by the grantee in accordance with the itemized budget.
- Both PIs are required to submit a final report within one year of receipt of the last items purchased.

How to apply

- The application must be submitted via the online form portal, the link to which can be found on the TWAS website.
- A researcher may only submit one application at a time and for only one kind of grant (e.g. individual, research unit, collaborative, IsDB-TWAS Research Grant or OWSD Early Career Women Scientists (ECWS) Fellowship) for consideration by TWAS.

- For any queries please contact:
Research Grants Office
TWAS — ICTP Campus — Strada Costiera 11 — 34151 Trieste — Italy
E-mail: researchgrants@twas.org
Phone: +39 040 2240531

When to apply

- The deadline for receiving applications is **3 April 2024**. However, we strongly recommend that you do not wait until the deadline to submit your application. No support will be available after 16:00 (Italian time) on the day of the deadline.

Notification of TWAS decision

- The TWAS Research Grants Committees will meet by the end of the year. Notification of the results will be made shortly after.

*** COUNTRIES ELIGIBLE FOR THE GRANTS**

Afghanistan, Angola, Bangladesh, Benin, Bhutan, Bolivia, Burkina Faso, Burundi, Cambodia, Cameroon, Central African Republic, Chad, Comoros, Republic of the Congo, Côte d'Ivoire, Democratic Republic of Congo, Djibouti, El Salvador, Equatorial Guinea, Kingdom of Eswatini, Eritrea, Ethiopia, Gambia, Ghana, Guatemala, Guinea, Guinea-Bissau, Haiti, Honduras, Kenya, Kiribati, Lao People's Democratic Republic, Lesotho, Liberia, Madagascar, Malawi, Mali, Mauritania, Mongolia, Mozambique, Myanmar, Nepal, Nicaragua, Niger, State of Palestine, Paraguay, Rwanda, São Tome and Príncipe, Senegal, Sierra Leone, Solomon Islands, Somalia, South Sudan, Sri Lanka, Sudan, Syrian Arab Republic, Tajikistan, United Republic of Tanzania, Timor-Leste, Togo, Tuvalu, Uganda, Vanuatu Republic, Yemen, Zambia, Zimbabwe.