



Photo: Courtesy of the Government of Rwanda/Flickr



## TWAS awards

Through its prestigious awards, UNESCO-TWAS honours scientists from the developing world with global recognition as an incentive to achieve excellence in research. The TWAS-Lenovo Science Award, for example, annually acknowledges accomplishments in various scientific disciplines. From 1985 to 2021 the Academy bestowed more than **1,180 prizes**.

“ It’s a great honour to win this award [...] It is a big encouragement to our colleagues who do very similar research. I am very happy that it acknowledges our contribution. ”

Yang Cuihong of China, Winner of 2020 TWAS-Siwei Cheng Award in Economic Sciences



## Visiting Experts

Scientists can visit developing nations to share their skills and experience in a given field. They can also plug into a network of global centres of excellence to pursue new projects and partnerships.

“ The TWAS Visiting Expert Programme granted me a wonderful opportunity to reach my scientific network in Africa, in developing novel materials for energy and environmental applications. ”

Mirabbos Hojamberdiev, Uzbek Senior Materials Scientist, Winner of a TWAS Young Affiliates Network Collaborative Grant in 2018.



Learn more at [www.twas.org/opportunities](http://www.twas.org/opportunities)

## MAKE A CONTRIBUTION

Donors provide vitally important help to sustain TWAS in its mission of advancing science. Learn how to help at

[www.twas.org/support-twas](http://www.twas.org/support-twas)

## Associated organizations

- The InterAcademy Partnership (IAP), which represents more than 140 national, regional and global academies of science, medicine and engineering worldwide: [www.interacademies.org](http://www.interacademies.org)
- The Organization for Women in Science for the Developing World (OWSD), which has more than 7,440 women members: [www.owsd.net](http://www.owsd.net)
- GenderInSITE (GIS), which promotes the role of women in science, innovation, technology and engineering: [www.genderinsite.net](http://www.genderinsite.net)



GenderInSITE



THE WORLD ACADEMY OF SCIENCES  
for the advancement of science in developing countries

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# THE WORLD ACADEMY OF SCIENCES

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## PhD and postdoctoral fellowships

UNESCO-TWAS helps early-career scientists from the developing world build up new skills at top institutions worldwide. Its South-South PhD and postdoctoral fellowship programme is the world’s largest, offering **240+ fellowships per year**.

“ TWAS-Department of Biotechnology [of the Ministry of Science and Technology of India] fellowship programme gave me the opportunity to pursue my PhD at a premier institute in India. I gained professional skills, and unlocked my potential. ”

Vishaka Dey, Molecular Parasitologist, Dhaka, Bangladesh



## Research grants

The UNESCO-TWAS Research Grants programme supports individual researchers and groups offering **over \$2 million per year** to equip laboratories and sustain scientific projects in areas related to sustainability. Funding comes from the Swedish International Development Cooperation Agency, the German Federal Ministry of Education and Research, and the Islamic Development Bank.

“ With the TWAS Research Grant, I could buy the fermentor I needed to grow bacteria, which are at the core of my research. This helped my work a lot. ”

Amadou Dicko, Assistant Professor, University of Sciences and Technologies, Bamako, Mali



## ABOUT UNESCO-TWAS

UNESCO-The World Academy of Sciences for the advancement of science in developing countries (TWAS) is a global scientific institution founded in 1983 by distinguished scientists from the developing world, under the leadership of Abdus Salam, the Pakistani physicist and Nobel Prize winner. They firmly believed that science, technology and innovation are pillars that can help build prosperity. While TWAS mission has remained consistent over the years, its elected Fellows have increased in number and, as of September 2021, they were almost 1,300, including 11 Nobel laureates. UNESCO-TWAS also established TWAS Young Affiliates Network, a global association of proactive scientists from the developing world, committed to sharing knowledge and competences in the spirit of international collaboration.



“Scientific thought and its creation is the common and shared heritage of mankind.”

Abdus Salam

### TWAS in numbers

-  **1983** TWAS WAS FOUNDED
-  **1,280+** ELECTED FELLOWS
-  **190+** WOMEN FELLOWS
-  **105** COUNTRIES
-  **350+** CURRENT AND FORMER YOUNG AFFILIATES

## OUR PARTNERS

TWAS is a programme unit of UNESCO, which administers the Academy's finances and personnel. The Academy receives support from international donors and partners including the Government of Italy (core funding), the Swedish International Development Cooperation Agency (funding for key programmes), the Kuwait Foundation for the Advancement of Sciences and the TWAS Arab Regional Partner (outreach activities and publications). The Islamic Development Bank and TWAS are partners in promoting the use of science and technology for social and economic development.

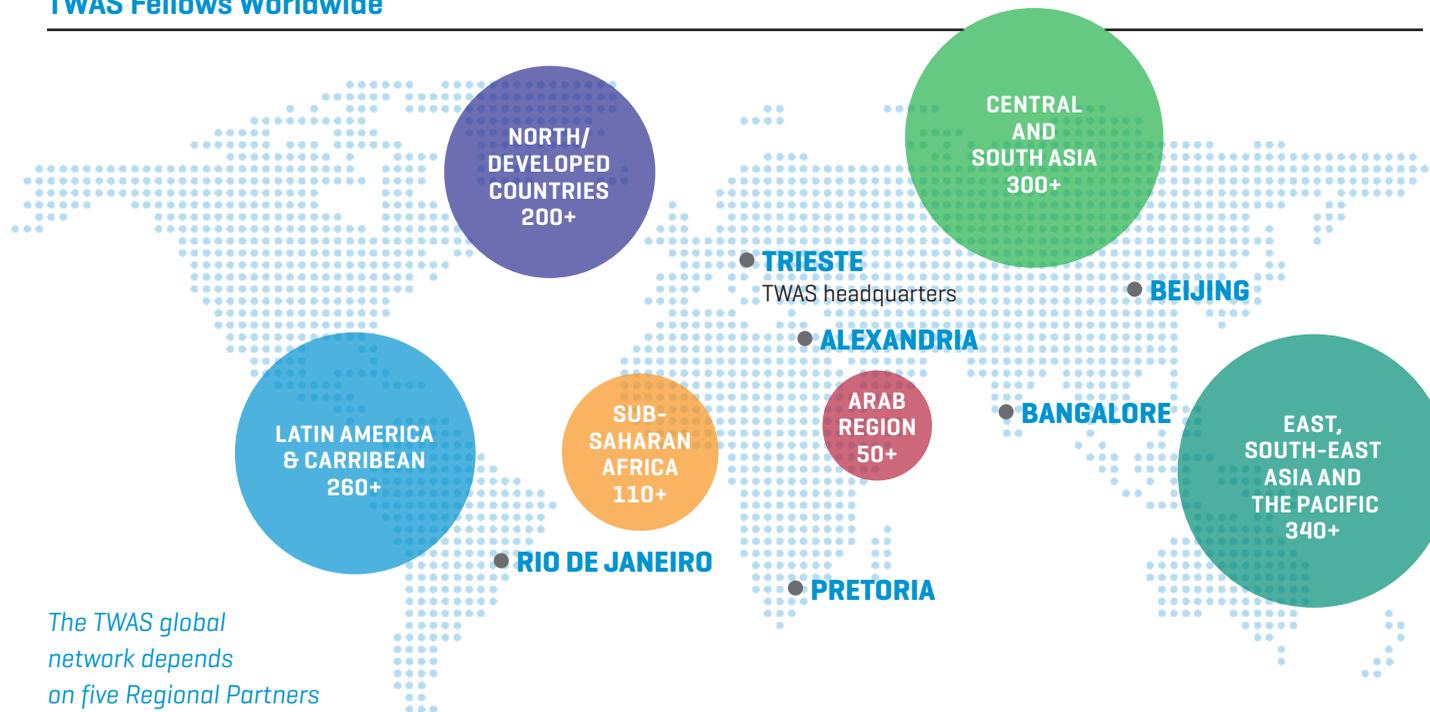
## SCIENCE DIPLOMACY

Science diplomacy is a collaborative approach involving politicians, scientists, diplomats and citizens to bring society into the best possible future. Since 2011, TWAS offers a Science Diplomacy programme, aimed at enhancing the capacity of young scientists in policymaking and diplomatic fields, through workshops, international meetings and a renowned annual course, organized with the American Association for the Advancement of Science. Seed funding comes from the Swedish International Development Cooperation Agency.

## CENTRES OF EXCELLENCE

To support its Associateship Scheme, the Academy relies on almost 300 host centres, out of which 175 are in Argentina and 98 in the other developing countries. The Chinese Academy of Sciences (CAS) and UNESCO-TWAS offer education and training to scientists and engineers at five centres of excellence based in Beijing. They work on climate, water, biotechnology, green technology and space technology for disaster mitigation.

### TWAS Fellows Worldwide



The TWAS global network depends on five Regional Partners in the developing world.

### SOCIAL MEDIA NETWORK

TWAS can be found on:

- FaceBook
- Twitter (@TWASnews)
- LinkedIn
- Flickr: follow our activities and enjoy almost 5,000 downloadable photos.
- YouTube: more than 10 films describe TWAS recent achievements.

### TWAS in numbers

-  **2,690** RESEARCH GRANTS DISTRIBUTED [until 2021]
-  **240+** FELLOWSHIPS OFFERED PER YEAR
-  **1,180+** AWARDS
-  **29** GENERAL MEETINGS [1983-2021]