



## WHO WE ARE

The Third World Academy of Sciences was founded in 1983 by 42 eminent scientists, under the leadership of Abdus Salam, the Pakistani physicist and Nobel laureate. They shared a belief that, by building strength in science and engineering, developing nations could better address challenges such as hunger, disease and poverty.

Now known as The World Academy of Sciences for the advancement of science in developing countries, TWAS is a merit-based science academy representing the best of science in Africa, Asia, Latin America/Caribbean and the Middle East. TWAS has more than 1,200 elected Fellows from more than 90 countries, including 15 Nobel laureates.



“With man’s recent mastery of science and technology, there is no physical reason left for the existence of hunger and want for any part of the human race.”

Abdus Salam, TWAS founder

### TWAS in numbers

- 1983** TWAS FOUNDED
- 1,200+** ELECTED FELLOWS
- 125+** WOMEN FELLOWS
- 90+** COUNTRIES
- 239** CURRENT AND FORMER YOUNG AFFILIATES

## OUR PARTNERS

TWAS receives core funding for its operations from the Italian government, and support for its programmes from other governments and donors.

The United Nations Educational, Scientific and Cultural Organization (UNESCO) in 1991 assumed responsibility for administering TWAS funds and personnel. TWAS is a programme unit within UNESCO.

## SCIENCE DIPLOMACY

TWAS, the American Association for the Advancement of Science (AAAS) and other partners are working together to bridge science and diplomacy.

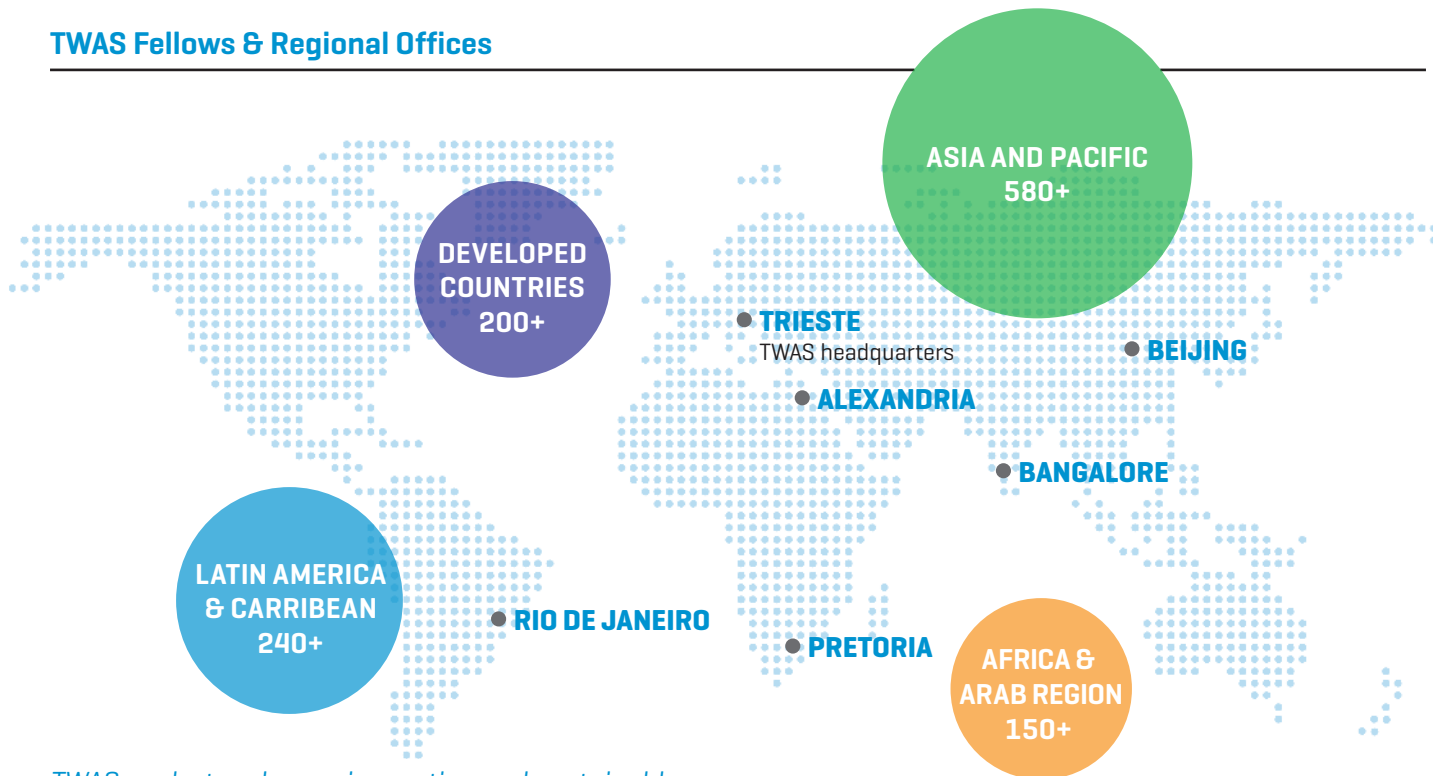
TWAS and AAAS organize regular summer courses on science diplomacy bringing together young scientists and diplomats, mostly from developing countries. Workshops investigate science diplomacy in thematic areas such as water and energy.

## CENTRES OF EXCELLENCE

TWAS works with almost 300 centres of excellence across the developing world, offering opportunities to scientists in various fields. Argentina hosts 175 of the centres.

The Chinese Academy of Sciences (CAS) and 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 & Regional Offices



TWAS works to advance innovation and sustainable prosperity in the developing world.

### TWAS FILMS [www.youtube.com/user/TWASvideos](http://www.youtube.com/user/TWASvideos)

*Seeds of Science* - illustrates how TWAS supports sustainable agriculture and water sanitation in Kenya.

The new *TWAS Research Grants* film, supported by SIDA, shows how creative research turns science into solutions.

*Elsevier Foundation Awards* - portrays inspiring stories of five women scientists who won the 2016 awards, co-sponsored by OWSD and TWAS.

### TWAS in numbers

- 2,400+** RESEARCH GRANTS DISTRIBUTED [1986-2016]
- 835+** SCIENTIFIC MEETINGS SUPPORTED [1986-2016]
- 575** FELLOWSHIPS OFFERED PER YEAR
- 1,050+** PRIZES [1985-2016]
- 27** GENERAL MEETINGS [1983-2016]





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### Prizes and awards

TWAS prizes and awards are among the most prestigious given for scientific research in the developing world. The TWAS-Lenovo Science Prize annually recognizes the pinnacle of scientific accomplishment. From 1985 to 2016 the Academy awarded more than **1050 prizes**.



### Visiting scientists

Experienced scientists can travel to developing nations to teach and build expertise in a given field. Or they can plug into a network of global centres of excellence to pursue new projects and partnerships.

“ It’s gratifying to see that... I was able to share with the Congolese knowledge and expertise on food safety practiced in Canada. ”

Akier Assanta Maf, food safety researcher and TWAS visiting scientist



### Support for scientific meetings

TWAS offers financial assistance to the organizers of international and regional scientific conferences, workshops and symposia in the developing world.



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 Abdus Salam International Centre for Theoretical Physics [ICTP]
- The InterAcademy Partnership [IAP] represents 130 academies worldwide.
- The Organization for Women in Science for the Developing World [OWSD]



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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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## OPPORTUNITIES



### PhD and postdoctoral fellowships

TWAS has the world’s largest South-South fellowship programme, with partners in ten countries and **575 fellowships per year**. Early-career scientists may follow PhD courses and get postdoctoral posts at top universities in the developing world.

“ This is the best thing that ever happened to me – to get a scholarship to go abroad and study for my PhD in Brazil. ”

Vitalis Wekesa [Kenya], microbiologist, Technical University of Kenya



### Research grants

TWAS research grants [**USD1.57 million/year**] help to equip laboratories and support publications. Grants go to individual researchers, groups and consortia, plus young scientists from countries in the Organization of Islamic Cooperation. Funding comes from the Swedish International Development Cooperation Agency, the Italian government and COMSTECH in Pakistan.

“ It was very useful to have these apparatuses, because it was not otherwise possible to carry out modern experiments and have good results. ”

Rasim Jabbarov, physicist, National Academy of Sciences of Azerbaijan