Purpose

Each year, there are countless funding/scholarship opportunities available all over the world but which are unfortunately left untapped due to lack of awareness. For sensitizing the potential beneficiaries and to reach maximum individuals, the International Office at CICIT has initiated a series of pamphlets for providing important information about such opportunities.

This pamphlet is about the opportunities open under TWAS.

TWAS, the voice for science in the South

TWAS is a global science academy based in Trieste, Italy, working to advance science and engineering for sustainable prosperity in the developing world. Under the leadership of Prof Abdus Salam, the Pakistani physicist and Nobel laureate, TWAS was founded in 1983 by a distinguished group of scientists from the developing world. Today, TWAS has some 1,100 elected Fellows from 90 countries, 15 of whom are Nobel laureates.

TWAS and its partners offer nearly 500 fellowships per year to scientists in the developing world who want to pursue PhDs and post-doctoral research. TWAS prizes and awards are among the most prestigious given for scientific work in the developing world. The Academy distributes more than USD one million in research grants every year to individual scientists and research groups. It supports visiting scientists and provides funding for regional and international science meetings.

Postdoctoral Fellowships

Scientists from developing countries who have recently earned their PhD can gain invaluable experience working with prominent scientists in a developing country through TWAS fellowships. Postdoctoral fellowships, lasting from six months to three years, are hosted in Brazil, India, Iran, Kenya, Malaysia, Mexico, and Thailand.

Further information and application forms: www.twas.org
Purpose

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PhD Fellowships

For developing countries, and especially the Least Developed Countries, PhD fellowships help build a foundation for scientific strength and human prosperity.

TWAS offers more than 300 PhD fellowships a year at some of the most respected institutions in the developing world. These fellowships are hosted in Brazil, China, India, Kenya, Malaysia, Mexico and Pakistan.

1. TWAS-CNPO Postgraduate Fellowship Programme (Brazil)

Institution: Brazilian Council for Scientific and Technological Development
Eligibility: PhD
Period: up to 4 years
Fields: Agricultural Sciences; Structural, Cell and Molecular Biology; Biological Systems and Organisms; Medical and Health Sciences incl. Neurosciences; Chemical Sciences; Engineering Sciences; Astronomy; Space and Earth Sciences; Mathematical Sciences; Physics
Application deadline: July each year
Further information and application forms: www.twas.org

2. CAS-TWAS President’s PhD Fellowship Programme (China)

Organization: Chinese Academy of Sciences
Eligibility: MSc
Age limit: 35
Period: Upto 4 years
Fields: Agricultural Sciences; Structural, Cell and Molecular Biology; Biological Systems and Organisms; Medical and Health Sciences incl. Neurosciences; Chemical Sciences; Engineering Sciences; Astronomy; Space and Earth Sciences; Mathematical Sciences; Physics
Application deadline: March each year
Further information and application forms: www.twas.org

3. TWAS-ICPE Postgraduate Fellowship Programme (Kenya)

Institution: International Centre of Insect Physiology and Ecology
Eligibility: Minimum degree held MSc.
Age limit: 40
Period: Upto 3 years
Fields: Agricultural Sciences; Structural, Cell and Molecular Biology; Biological Systems and Organisms; Medical and Health Sciences incl. Neurosciences; Chemical Sciences; Engineering Sciences; Astronomy; Space and Earth Sciences; Mathematical Sciences; Physics
Application deadline: 15 September, each year
Further information and application forms: www.twas.org

4. TWAS-USM Postgraduate Fellowship Programme (Malaysia)

Institution: Universiti Sains Malaysia
Eligibility: MSc, Age limit: 35
Application deadline: 15 September each year
Period: Upto 3 years
Fields: Agricultural Sciences; Structural, Cell and Molecular Biology; Biological Systems and Organisms; Medical and Health Sciences incl. Neurosciences; Chemical Sciences; Engineering Sciences; Astronomy; Space and Earth Sciences; Mathematical Sciences; Physics
Further information and application forms: www.twas.org

5. TWAS-CEMB Postgraduate Fellowship Programme (Pakistan)

Institution: Centre of Excellence in Molecular Biology, Pakistan
Eligibility: Minimum degree held MSc.
Age limit: 35
Period: Upto 4 years
Fields: Structural, Cell and Molecular Biology
Application deadline: August 31, each year
Further information and application forms: www.twas.org

6. TWAS-ICBB Postgraduate Fellowship Programme (Pakistan)

Institution: International Center for Chemical and Biological Sciences, Pakistan
Eligibility: Minimum degree held MSc.
Age limit: 35
Period: Upto 4 years
Fields: Structural, Cell and Molecular Biology; Biological Systems and Organisms; Chemical Sciences
Application deadline: August 31, each year
Further information and application forms: www.twas.org

7. TWAS-CIIT Postgraduate Fellowship Programme (Pakistan)

Institution: COMSATS Institute of Information Technology
Eligibility: Minimum degree held MSc.
Age limit: 35
Period: Upto 3 years
Fields: Structural, Cell and Molecular Biology; Biological Systems and Organisms; Chemical Sciences; Engineering Sciences; Mathematical Sciences; Physics
Application deadline: August 31, each year
Further information and application forms: www.twas.org
2. TWAS-LENOVO Science Prize

The TWAS-Lenovo Science Prize is one of the most prestigious honours given to scientists from the developing world. The winner will receive USD 100,000 accompanied by a medal.

Eligibility: All developing countries
Field: Biological sciences
Application Deadline: 22 May each year
Further information and application forms: www.twas.org

3. TWAS Prizes (Science)

Each year the Academy awards eight prizes of USD 15,000 (accompanied by a medal) each to individual scientists who are meeting one of the following qualifications:
- Scientific research achievement of outstanding significance for the development of scientific thought
- Outstanding contribution to the application of science and technology to industry or to human wellbeing in a developing country

Eligibility: All developing countries
Eligible Nominees: No Age Limit
Fields: Agricultural Sciences, Biology, Chemistry, Earth Sciences, Engineering Sciences, Mathematics, Medical sciences and Physics
Application Deadline: 16 March each year
Further information and application forms: www.twas.org

4. TWAS-CELSO FURTADO Prize in Social Sciences

With funding from the Brazilian Government for four years, the prize will recognize social scientists who have been living and working in a developing country for at least 10 years. The winner will receive USD 15,000 along with a medal. The candidates must have made outstanding contributions in both understanding and addressing social sciences disciplines such as economics, political sciences and sociology.

Eligibility: All Developing Countries
No Age Limit
Field: Social Sciences
Application Deadline: 1 April each year
Further information and application forms: www.twas.org

5. TWAS Prizes for Young Scientists in Developing Countries

The objective of this prize is to recognize and support individual scientists in developing countries who have made excellent contributions to the advancement of science, measured in terms of the number and impact of scientific research papers published in internationally recognized journals.

Eligibility: 40 years
Field: Any
Application deadline: None
Further information and application forms: www.twas.org

6. THE ELSEVIER Awards for Early-Career Women Scientists in the Developing World

The Elsevier Foundation, the Organization for Women in Science for the Developing World (OWSD) and TWAS have established this award to recognize and spotlight talented early career women scientists living and working in developing countries. The winner will receive a cash prize of USD 5,000, a year’s free subscription to ScienceDirect and an all-expenses paid trip to the American Association for the Advancement of Science (AAAS) conference, which takes place in the USA in February each year.

Eligible Nominees: All developing countries
No Age Limit
Field: Chemical Sciences
Application deadline: Call announced each year
Further information and application forms: www.twas.org

TWAS Research Grants and Prizes

TWAS is a global science academy based in Trieste, Italy, working to advance science and engineering for sustainable prosperity in the developing world. Under the leadership of Prof. Abdus Salam, the Pakistani physicist and Nobel laureate, TWAS was founded in 1983 by a distinguished group of scientists from the developing world.

TWAS-comstech Joint Research Grants

TWAS funds several programmes that provide grants to researchers in some developing countries for specialized equipment, consumable supplies and scientific publications. Grants are awarded to individual scientists and research groups.

AWARDS AND PRIZES

Awards and Prizes

TWAS has long recognized that prizes and awards provide an incentive for scientists to do their best work, while winning global recognition. Today, honours awarded by TWAS and its partners are among the most prestigious given for research in the developing world. They range from the TWAS-Lenovo Science Prize, which celebrates the very best research in the South, to prizes awarded to early-career scientists already making impressive contributions to their field.

1. Abdus Salam Medal

This medal is awarded to highly distinguished personalities who have served the cause of science in the Developing World.

Eligible Nominees: Any, No Age Limit
Field: Any
Application Deadline: None
Further information and application forms: www.twas.org