

4. TWAS-USM Postdoctoral Fellowship Programme (Malaysia)



Institution: Universiti Sains Malaysia
Eligibility: PhD (within 5 years of PhD). No age limit

Period: Minimum of 12 months and maximum of 3 years

Fields: Agricultural Sciences; Structural, Cell and Molecular Biology; Biological Systems and Organisms; Medical and Health Sciences including: 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

5. TWAS-CONACYT Postdoctoral Fellowship Programme (Mexico)



Institution: Mexican National Council for Science and Technology
Eligibility: PhD (within 5 years of PhD). No age limit

Period: Minimum of 6 and maximum of 12 months

Fields: Agricultural Sciences; Structural, Cell and Molecular Biology; Biological Systems and Organisms; Medical and Health Sciences including: 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

6. TWAS-BIOTEC Postdoctoral Fellowship Programme (Thailand)



Institution: Center for Genetic Engineering and Biotechnology, Thailand

Eligibility: PhD (within 5 years of PhD). No age limit

Period: up to 12 months

Fields: Structural, Cell and Molecular Biology; Biological Systems and Organisms

Application Deadline: 15 September, each year

Further information and application forms: www.twas.org



7. TWAS-IROST Postdoctoral Fellowship Programme (Iran)



Institution: Iranian Research Organization for Science and Technology

Eligibility: PhD (within 5 years of PhD). No age limit

Period: Minimum of 12 and maximum of 36 months

Fields: Agricultural Sciences; Structural, Cell and Molecular Biology; Biological Systems and Organisms; Chemical Sciences; Engineering Sciences; Astronomy; Space and Earth Sciences; Physics

Application Deadline: 15 September, each year

Further information and application forms: www.twas.org

8. TWAS-CEMB Postgraduate Fellowship Programme (Pakistan)



Institution: Centre of Excellence in Molecular Biology, Pakistan.

Eligibility: PhD; Age Limit: 45

Period: Minimum of 6 months and a maximum of 12 months.

Fields: Structural, Cell and Molecular Biology

Application Deadline: August 31, each year

Further information and application forms: www.twas.org

Contact: <http://www3.comsats.edu.pk/InternationalOffice/>
Email: io@comsats.edu.pk



TWAS Opportunities Postdoctoral Fellowships

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

Purpose

Each year, there are countless funding/ scholarships 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 CIIT 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.

1. TWAS-CNPO Postdoctoral Fellowship Programme (Brazil)



Institution: Brazil Council for Scientific and Technological Development

Eligibility: PhD

Period: Minimum of 6 and maximum of 12 months

Fields: Agricultural Sciences; Structural, Cell and Molecular Biology; Biological Systems and Organisms; Medical and Health Sciences including: 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. TWAS-ICIPE Postdoctoral Fellowship Programme (Kenya)



Institution: International Centre of Insect Physiology and Ecology

Eligibility: PhD (within 5 years of PhD). No age limit

Period: Up to 12 months

Fields: Agricultural Sciences; Structural, Cell and Molecular Biology; Biological Systems and Organisms; Medical and Health Sciences including: Neurosciences; Chemical Sciences

Application Deadline: 15 September each year

Further information and application forms: www.twas.org

3. TWAS-UPM Postdoctoral Fellowship Programme (Malaysia)



Institution: Universiti Putra Malaysia

Eligibility: PhD (within 5 years of PhD). No age limit

Period: Minimum of 6 months and a maximum of 12 months

Fields: Agricultural Sciences; Structural, Cell and Molecular Biology; Biological Systems and Organisms; Medical and Health Sciences including: 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: Up to 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:** Up to 4 years

Fields: Structural, Cell and Molecular Biology

Application Deadline: August 31, each Year

Further information and application forms: www.twas.org

6. TWAS-ICCB Postgraduate Fellowship Programme (Pakistan)



Institution: International Center for Chemical and Biological Sciences, Pakistan

Eligibility: Minimum degree held MSc.

Age limit: 35, **Period:** Up to 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:** Up to 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



TWAS Opportunities PhD Fellowships

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Email: doi@comsats.edu.pk



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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.

PhD Fellowships

For developing countries, and especially the Least Developed Countries, PhD scientists 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: 35 years

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: 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: March each year

Further information and application forms: www.twas.org

3. TWAS-ICIPE Postgraduate Fellowship Programme (Kenya)



Institution: International Centre of Insect Physiology and Ecology

Eligibility: Minimum degree held MSc.

Age limit: 40

Period: Up to 3 years

Fields: Agricultural Sciences; Structural; Cell and Molecular Biology; Biological Systems and Organisms; Medical and Health Sciences incl. Neurosciences; Chemical Sciences

Application Deadline: 15 September, 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 USD100,000 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 well-being 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-CELSE FURTADO Prize In Social Sciences

With funding from the Brazilian Government for four years, the prize will recognize social scientists that have been living and working in a developing country for at least 10 years. The winner will receive US\$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

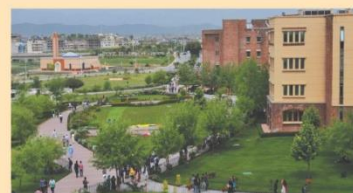
5.TWAS Prizes For Young Scientists in Developing Countries

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 USD5,000, 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

Contact: <http://www3.comsats.edu.pk/InternationalOffice/>
Email: io@comsats.edu.pk



TWAS Research Grants Awards and Prizes

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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.

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.

TWAS-COMSTECH Joint Research Grants

Institution: COMSTECH, Pakistan

Eligibility: PhD. Age limit: 40

Field: Earth sciences; engineering sciences; information technology and computer sciences; materials science including nanotechnology; pharmaceutical sciences and renewable energy

Application Deadline: 31 August, each year

Further information and application forms: www.twas.org

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