



the academy of sciences for the developing world

TWAS International Programme for Higher Education and Research (IPHER) for scientists from developing countries

TWAS's International Programme for Higher Education and Research (IPHER) provides some 250 fellowships tenable in developing countries such as Brazil, China and India for scientists from developing countries. Fellowships, which run for various lengths of time, are available for postgraduate, postdoctoral and advanced research. Brief details of each programme are provided below. For additional information, including eligibility criteria and application forms, please visit <http://www.twas.org/Exchange>.

Fellowships for Postgraduate Training

Doctoral Fellowships in Brazil Leading to a PhD in Natural Sciences

CNPq* and TWAS offer fellowships for students from developing countries (other than Brazil) who wish to earn a PhD in the natural sciences.

Duration: 4 years

Deadline for applications: 31 August each year

CAS-TWAS Fellowships for Postgraduate Research in China

CAS* and TWAS offer fellowships for students from developing countries (other than China) who hold a master's degree and wish to undertake the final year of their PhD research in the natural sciences.

Duration: 1 year

Deadline for applications: 31 August each year

CSIR-TWAS Fellowships for Postgraduate Studies in India

CSIR* and TWAS offer fellowships in for students from developing countries (other than India) who wish to obtain a PhD.

Duration: 3 years

Deadline for applications: 1 June each year

DBT-TWAS Biotechnology Fellowships for Postgraduate Studies in India

DBT* and TWAS offer fellowships for students from developing countries (other than India) who wish to carry out postgraduate research in biotechnology.

Duration: 3 years

Deadline for applications: 31 August each year

Postgraduate Fellowships in Physical Sciences at the S.N. Bose National Centre for Basic Sciences

S.N. Bose* and TWAS offer fellowships to students from developing countries (other than India) who wish to pursue research leading towards a PhD in the physical sciences.

Duration: 4-5 years

Deadline for applications: 31 August each year

Fellowships office	
Academy of Sciences for the Developing World (TWAS)	
c/o ICTP	
Strada Costiera 11	
Trieste 34140	
Italy	
	Tel.: +39 040 2240 314
	Fax: +39 040 2240 689
	Email: fellowships@twas.org

IACS-TWAS Fellowships for Postgraduate Research in India

IACS* and TWAS offer fellowships for students from developing countries (other than India) who hold a Master's degree and wish to earn a PhD in a field of natural sciences.

Duration: up to 4 years Deadline for applications: 30 June each year

ICCBS-TWAS Fellowships for Postgraduate Research in Pakistan

ICCBS* and TWAS offer fellowships for students from developing countries (other than Pakistan) who hold a Master's degree in a field of natural sciences and wish to continue their research towards a PhD in chemical or biological sciences.

Duration: up to 4 years Deadline for applications: 30 June each year

CEMB-TWAS Fellowships for Postgraduate Research in Pakistan

CEMB* and TWAS offer fellowships for students from developing countries (other than Pakistan) who hold a Master's degree and wish to earn a PhD in molecular biology and molecular genetics.

Duration: up to 4 years Deadline for applications: 30 June each year

Fellowships for Postdoctoral Research

Fellowships for Postdoctoral Research in Brazil

CNPq and TWAS offer fellowships to young scientists from developing countries (other than Brazil) who hold a PhD and wish to carry out postdoctoral research in natural sciences.

Duration: 6-12 months Deadline: 31 August each year

CAS-TWAS Fellowships for Postdoctoral Research in China

CAS and TWAS offer fellowships to young scientists from developing countries (other than China) who hold a PhD and wish to carry out postdoctoral research in natural sciences.

Duration: 12 months Deadline: 31 August each year

CSIR-TWAS Fellowships for Postdoctoral Research in India

CSIR and TWAS offer fellowships to young scientists from developing countries (other than India) who hold a PhD and wish to carry out postdoctoral research.

Duration: 12 months Deadline: 1 June each year

DBT-TWAS Biotechnology Fellowships for Postdoctoral Research in India

DBT and TWAS offer fellowships to young scientists from developing countries (other than India) who wish to carry out postdoctoral research in biotechnology.

Duration: 12 months Deadline: 31 August each year

IACS-TWAS Fellowships for Postdoctoral Research in India

IACS* and TWAS offer fellowships to young scientists from developing countries (other than India) who hold a PhD degree and wish to conduct postdoctoral research in the natural sciences.

Duration: 6 to 12 months Deadline for applications: 30 June each year

ICCBS-TWAS Fellowships for Postdoctoral Research in Pakistan

ICCBS* and TWAS offer fellowships to young scientists from developing countries (other than Pakistan) who hold a PhD and wish to carry out postdoctoral research in chemical or biological sciences.

Duration: 6 to 12 months Deadline: 30 June each year

CEMB-TWAS Fellowships for Postdoctoral Research in Pakistan

CEMB* and TWAS offer fellowships to young scientists from developing countries (other than Pakistan) who hold a PhD and wish to pursue postdoctoral research in molecular biology and molecular genetics.

Duration: 6 to 12 months Deadline: 30 June each year

Associateships for Advanced Research

TWAS Fellowships for Research and Advanced Training

TWAS provides travel support for scientists from developing countries to carry out research at a research institution in another developing country.

Duration: 3-12 months Deadline: 1 October each year

CAS-TWAS Fellowships for Visiting Scholars in China

CAS and TWAS offer fellowships to scientists from developing countries (other than China) who wish to pursue advanced research in the natural sciences.

Duration: 1-3 months Deadline: 31 August each year

TWAS-UNESCO Associateship Scheme

TWAS and the United Nations Educational, Scientific and Cultural Organization (UNESCO), in collaboration with a number of centres of excellence in the South, enable competent researchers from the South to visit these centres regularly. An associate is appointed for three years during which s/he can visit a centre on two occasions for research collaboration. Over 100 research centres in developing countries participate in the scheme.

Details

TWAS covers the costs of travel (air ticket and visa fees) to and from the host country while the partner organizations* provide a monthly stipend to cover food and accommodation expenses. In the case of TWAS Fellowships for Research and Advanced Training and appointments under the TWAS-UNESCO Associateship Scheme, TWAS provides travel expenses and a monthly stipend of US\$300.00.

***Institutions participating in TWAS's IIPHER scheme:**

CNPq, National Council for Scientific and Technological Development (Brazil): Fellowships are tenable in Brazilian research institutions recognized by CAPES (*Coordenação de Aperfeiçoamento de Pessoal de Nível Superior*, www.capes.gov.br) as among the best in the country.

CAS, Chinese Academy of Sciences (China): Fellowships are tenable in any one of the CAS institutions.

CSIR, Council of Scientific and Industrial Research (India): Fellowships are tenable in any one of CSIR's institutions or laboratories.

DBT, Department of Biotechnology, Government of India (India): Fellowships are tenable in any biotechnology institution or university department in India.

S.N.Bose, S.N.Bose National Centre for Basic Sciences (India): Fellowships are only tenable at the S.N.Bose National Centre for Basic Sciences, Kolkata, India.

IACS, The Indian Association for the Cultivation of Science (India): Fellowships are tenable in any one of IACS's units or laboratories, Kolkata, India.

ICCBS, The International Center for Chemical Sciences and Biological Sciences (Pakistan): Fellowships are tenable in the H.E.J. Research Institute of Chemistry or the Dr. Panjwani Center for Molecular and Drug Research, Karachi, Pakistan.

CEMB, National Centre of Excellence in Molecular Biology (Pakistan): Fellowships are tenable in any departments of the National Centre of Excellence in Molecular Biology, Lahore, Pakistan.