

# TWAS Fellowships for Research and Advanced Training

## APPLICATION FORM

**TWAS, the world academy of sciences - for the advancement of science in developing countries** – [www.twas.org](http://www.twas.org) – is a global science academy based in Trieste, Italy, working to advance science and engineering for sustainable prosperity in the developing world. TWAS represents the best of science in the developing world. Its principal aim is to promote scientific capacity and excellence for sustainable development in the South. Since 1986, TWAS has been supporting scientists and institutions in developing countries through a wide range of programmes that focus on scientific capacity building largely through South-South cooperation.

**The administration and financial operation of TWAS is undertaken by UNESCO in accordance with an agreement between UNESCO and the Italian Government for TWAS.**

The Research and Advanced Training Fellowship is offered to young scientists in developing countries to enable them to spend between three and twelve months at a research institution in a developing country other than their own. The purpose of these fellowships is to enhance the research capacity of promising scientists, especially those at the beginning of their research career, helping them to foster linkages for further collaboration.

### ELIGIBILITY

- The fellowships are for research and advanced training. They are offered to young scientists holding at least an MSc or equivalent degree.
- Eligible applicants for the fellowships are young scientists working in any area of natural sciences who are citizens of a developing country and are employed by a research institution in a developing country.
- There is no age limit. However, preference is given to young scientists at the beginning of their research career and those working in Least Developed Countries (LDCs). A list of LDCs is available at <http://twas.ictp.it/prog/exchange/fells/fellows-adv/twas-fells>
- Institutes of the Chinese Academy of Sciences (CAS), China, are not eligible host institutions under this programme. Applicants interested in conducting a fellowship in China are required to check whether their chosen host is a CAS institute. For a complete list of CAS institutes, see: <http://english.cas.ac.cn/CASI/> Applicants wishing to attend a CAS institute should either apply to the TWAS-CAS President's Postgraduate Fellowship Programme <http://twas.ictp.it/prog/exchange/fells/fells-pg/cas-pg> or consider the TWAS Fellowships for Postdoctoral and Visiting Scholars from Developing Countries [http://english.bic.cas.cn/AF/Fe/201304/t20130425\\_101309.html](http://english.bic.cas.cn/AF/Fe/201304/t20130425_101309.html)
- Women scientists are especially encouraged to apply.
- Applicants already on site in the host country are not eligible.

### TERMS OF THE FELLOWSHIP

- The fellowships are offered for a minimum of three months and a maximum of twelve months.
- TWAS covers international low-cost airfare, visa costs plus a contribution towards subsistence amounting to a maximum of US\$ 300 per month. No other costs will be provided by TWAS.
- The above contribution is not designed to cover living costs and the host institution is expected to provide accommodation and food as well as research facilities.

### APPLICATION AND SELECTION PROCEDURE

- Fellowships are awarded by the TWAS Fellowships Committee on the basis of scientific merit.
- Applications should be completed in English.  
**Part 1** of the application form should be completed by the applicant and the head of the applicant's HOME institution, and sent to the TWAS secretariat.

Material requested:

- (a) the completed application form
- (b) passport-size photograph as a separate JPEG file
- (c) copy of passport, even if expired. Only the page with personal details is required
- (d) the applicant's curriculum vitae
- (e) full list of publications (do not enclose reprints of articles)
- (f) letters of recommendation, which must be submitted separately to TWAS by two referees who are familiar with the applicant's work. N.B. Only signed reference letters can be accepted

# TWAS Fellowships for Research and Advanced Training

**Part 2** must be sent by the applicant to the head of the institution s/he intends to visit, together with a completed copy of Part 1. Part 2 should then be completed by the head of that institution and sent to the TWAS secretariat.

- The call for applications is open **from 1 March until 1 October** of each year.
- **Applicants may apply to only one TWAS Fellowship Programme per year.** For example, applicants to the Research and Advanced Training programme cannot also apply to other TWAS Fellowship Programmes, including those provided through CAS (China), CNPq (Brazil), CEMB, ICCBS (Pakistan), IACS, DBT, CSIR and S.N. Bose (India), *icipi* (Kenya), USM (Malaysia), CONACYT (Mexico), BIOTEC (Thailand) and OWSDW Postgraduate Training Fellowships.
- Only for applicants selecting the S.N. Bose National Centre for Basic Sciences, India, as their host choice: please direct the request for Part 2 to Prof. Chakrabarti (Dean, Academic Programme by email: [deanap@bose.res.in](mailto:deanap@bose.res.in)), accompanying your request with a copy of your CV, research proposal and two reference letters.
- TWAS shall be entitled to a repayment of all or part of any funds paid to an applicant hereunder, in the event that the applicant intentionally or negligently fails to fulfil any or all of the present conditions. The applicant agrees to pay any reasonable legal and/or collection costs incurred by TWAS to obtain the repayment.

## IMPORTANT

- Incomplete/unsigned applications will NOT be accepted.
- **Applications cannot be considered unless Part 2 has been completed by the head of the host institute.**
- Please send the application to:

TWAS Exchanges Office  
ICTP Campus, Strada Costiera 11  
34151 Trieste, Italy

Tel: +39 040 2240 330  
Fax: +39 040 2240 689  
E-mail: [exchanges@twas.org](mailto:exchanges@twas.org)

# TWAS Fellowships for Research and Advanced Training

## STEP BY STEP GUIDELINES ON HOW TO APPLY

It is important to note that applicants cannot apply for fellowships tenable in their home country, for instance an Indian applicant applying for a fellowship tenable in India will be considered ineligible. Applicants already in the host country are also ineligible.

In order to apply to the TWAS Research and Advanced Training fellowship each applicant is requested to follow a few key steps:

### 1. CHECK ELIGIBILITY CRITERIA:

You should verify that you meet ALL the eligibility criteria specified in the application form for your chosen programme.

### 2. CHOOSE AN ELIGIBLE HOST INSTITUTE:

Select a suitable host institution in a developing country other than your own. A list of suggested host institutes (centres of excellence) is available on request by email to [exchanges@twas.org](mailto:exchanges@twas.org). Please specify preferred scientific field.

### 3. GET THE COMPLETED PART 2 FROM THE HOST INSTITUTE

Applying is subject to acceptance at a host institute. After choosing an eligible host institute, you must seek to obtain acceptance and request the head of the host institute to complete Part 2 of the application form (see the last page of this document). To this purpose, you must contact the chosen host institution, sending them your CV, research proposal and the sample copy of the Part 2 provided in the application form.

Both Part 1 and Part 2 of the application form must indicate a starting date in the year following the application e.g. if applying in 2011, the letter must indicate 2012 as the starting date.

Obtaining preliminary acceptance at an eligible host institute is the responsibility of the applicant and applications cannot be processed if Part 2 is not received from a host institute.

### 4. SUBMIT THE APPLICATION:

Once you have received Part 2 completed by a host institution, you should submit it to the TWAS Fellowships office together with the completed Part 1 of the application form by e-mail in MS Word format (NOT PDF, jpeg or embedded as a jpeg in a Word document), together with ALL the required enclosures, in ONE zipped (compressed) electronic file.

Please make sure you sign the application form as it cannot otherwise be accepted.

An official acknowledgement will be sent confirming the status of your application once it has been processed and not directly upon receipt.

**If awarded, the fellowship must be taken up in the year following the application.**

# TWAS Fellowships for Research and Advanced Training

## PART 1 – TO BE COMPLETED BY THE APPLICANT

For our records, please indicate the scientific field in which you work. (Please tick one box only)			
<input type="checkbox"/> Agricultural Sciences	<input type="checkbox"/> Medical & Health Sciences, including Neurosciences	<input type="checkbox"/> Astronomy, Space & Earth Sciences	
<input type="checkbox"/> Structural, Cell & Molecular Biology	<input type="checkbox"/> Chemical Sciences	<input type="checkbox"/> Mathematical Sciences	
<input type="checkbox"/> Biological Systems & Organisms	<input type="checkbox"/> Engineering Sciences	<input type="checkbox"/> Physics	
<b>PERSONAL INFORMATION</b> Please remember to attach a photo of yourself as a separate JPEG file and copy of your passport, even if expired. Only the page with personal details is required. <b>In completing this form, please provide your surname and name exactly as they are indicated in your passport.</b>			
Surname (family name):		First name(s):	
Gender <input type="checkbox"/> male <input type="checkbox"/> female		Passport Number	
Date of birth		Date of issue	
Place of birth (country)		Place of issue	
Nationality		Date of expiry	
Name and mailing address of home institution			
Phone	Fax	E-mail	
ACADEMIC / PROFESSIONAL INFORMATION			
Degree Awarded	Year	Field/Discipline	University
Date of commencement of PhD studies at the home institute (if applicable):			
Previous and present employment			
Name and address of employer		Position	From – To
Field of specialization			
H-Index <sup>1</sup>			
Value:		Source:	
Honours / awards / scholarships received, if any			
List of ten of the applicant's most recent and important publications (also enclose curriculum vitae and full list of publications with this application)			
HOST INSTITUTION INFORMATION			
Name and mailing address of host institution in a DEVELOPING COUNTRY to be visited:			
Phone	Fax	E-mail	
Name of the head of the host institution to whom a copy of this application will be sent			
Previous visits to the host institution (give dates and purpose)			
Details concerning the visit for which the applicant is requesting support			
Length of stay (min. 3 and max 12 months)	Expected date of arrival in host country	Expected date of return to home country	

<sup>1</sup> The h-index is an index that attempts to measure both the productivity and impact of the published work of a scientist or scholar. The index is based on the set of the scientist's most cited papers and the number of citations that they have received in other publications. There are several online resources that can be used to directly calculate the h-index. The most established are ISI Web of Knowledge, and Scopus, both of which require a subscription (perhaps via your institute), but there are free options too, one of which is Publish or Perish. Note, different databases, may provide slightly different h-index values.

# TWAS Fellowships for Research and Advanced Training

**Accompanying dependants, if any (N.B. The Fellowships do not provide support for family members.**  
This information is provided for the host institution only)

Name	Relationship	Period of stay

## PROJECT INFORMATION

Purpose of visit and brief outline of the research project. (Use separate sheet, if necessary)

## PREVIOUS SUPPORT RECEIVED BY THE APPLICANT

From	Please indicate the type of support received and the programme under which the support was granted
<input type="checkbox"/> TWAS	
<input type="checkbox"/> OWSD [formerly TWOWS]	
<input type="checkbox"/> IFS	
<input type="checkbox"/> ISP	
<input type="checkbox"/> ICTP	
<input type="checkbox"/> Other (please specify)	

## SIGNATURE OF THE APPLICANT:

Signature Place Date

*N.B. Please note that unsigned applications cannot be accepted. If you are unable to add your electronic signature or to send a scanned version via e-mail, please send the page with the signatures by fax.*

## SECTION TO BE COMPLETED BY THE HEAD OF THE APPLICANT'S HOME INSTITUTION

Name and position of the head of the institution

**Statement in support of the applicant's visit** (*indicating benefits expected from the visit*)

## SIGNATURE OF THE HEAD OF HOME INSTITUTE:

Signature Date

*N.B. Please note that unsigned applications cannot be accepted. If you are unable to add your electronic signature or to send a scanned version via e-mail, please send the page with the signatures by fax.*

## ENCLOSURES

**Important: Ensure that ALL relevant enclosures are included with the completed application form**

- The completed application form
- Passport size photograph
- Copy of passport, even if expired. Only the page with personal details is required
- Detailed description of the proposed study/research plan
- Curriculum Vitae and complete list of publications (do not send papers)
- Reference letters: Referees must send SIGNED letters as attachment via e-mail directly to TWAS ([exchanges@twas.org](mailto:exchanges@twas.org)), the subject must contain the candidate's surname OR letters must be sent in sealed envelopes by post. N.B. Only signed reference letters can be accepted

# TWAS Fellowships for Research and Advanced Training

## OTHER INFORMATION

How did you find out about TWAS Fellowship Programmes?
<input type="checkbox"/> Direct mailing [to institution]
<input type="checkbox"/> TWAS website
<input type="checkbox"/> Word of mouth/email from colleague
<input type="checkbox"/> Other (please specify):

# TWAS Fellowships for Research and Advanced Training

## PART 2 - TO BE COMPLETED BY THE HEAD OF HOST INSTITUTE

<b>HOST INSTITUTION INFORMATION *</b>		
Name and mailing address of host institution receiving the visitor	Phone	
	Fax	
	E-mail	
	Homepage	
<b>Name / position of head of the host institution</b>	<b>Name of prospective visitor</b>	
<b>Facilities available at the host institutions (equipment, field centres, literature, etc.)</b>		
<b>Local support offered other than accommodation and meals**</b>		
The host Institution is expected to cover accommodation and meals for the candidate. Please list below other facilities/ support that will be offered.		
<b>Individuals in the host institution who will collaborate with the visitor</b>		
Name and position	Research interests	Contacts with prospective visitor established (yes/no)
<b>Benefits for the host institution likely to be derived from the visit</b>		
<b>Signature of the head of the host institution, with place and date</b>		
Signature		Date

\* For details about applying to the S.N. Bose National Centre for Basic Sciences, India, see information under Application and Selection Procedure.

\*\* Please note that the host institute is expected to provide at least meals and accommodation.

\*\*\* Institutes of the Chinese Academy of Sciences (CAS), China, are NOT eligible under the programme. For a complete list of CAS Institutes, see: [english.cas.ac.cn/CASI/](http://english.cas.ac.cn/CASI/)