



TWAS-UNESCO

*twas*

## Associateship Scheme at Centres of Excellence in the South

### *Application Form*

*(to be completed in English)*

**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.**

In 1994, in cooperation with UNESCO, TWAS instituted an Associateship Scheme to help counteract the brain drain affecting many developing countries. The programme supports regular visits by researchers from developing countries to centres of excellence in the South. Almost 300 centres of excellence in the South have agreed to participate in the programme, which is supported with funds from UNESCO and the government of Italy.

- Applicants must hold a PhD or equivalent degree. The selection of associates is highly competitive; appointments are made on the basis of merit and quality of the proposed research. Special consideration is given to scientists from isolated institutions in developing countries. Women scientists are especially encouraged to apply.
- Appointments have a fixed duration of three years. During this time, the associate is entitled to visit the host centre twice, for a period of 2 to 3 months each time. Subject to the availability of funds, the appointment may be renewed for a further 3-year term.
- The Associateship covers the associate's travel expenses and a monthly contribution of US\$300 towards incidental local expenses. The host centre covers accommodation and food, and provides the research facilities.
- Applications for TWAS-UNESCO Associateships should include:
  - the completed application form, including the research proposal;
  - a recent invitation letter - on the host institution's letterhead paper - from one of the Institutions listed here: <http://twas.org/opportunity/twas-unesco-associateship-scheme>  
It should contain the proposed time of the visits (two to three months for each visit) and should refer to the proposed cooperation. It should be made evident that the applicant and the proposed host have been in contact regarding the scientific work to be done during the visit and that the conditions for conducting the work have been agreed in terms of the timing of the visit and the facilities available;
  - the applicant's *curriculum vitae*;
  - the applicant's full list of publications;
  - two recommendation letters, one of which must be from an expert from another country who is familiar with the applicant's work (to be submitted separately).

Applications must reach the TWAS Secretariat by **1 December of each year** at the following address:

TWAS Associateships  
ICTP Campus  
Strada Costiera 11  
34151 Trieste  
Italy

Phone: +39 040 2240-330

Fax: +39 040 2240-689

E-mail: [associateship@twas.org](mailto:associateship@twas.org)

<b>Field</b> (tick <u>one</u> 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 Details:</b>			
Family name:		Given name(s):	Title: (Dr./Prof.)
Gender: <input type="checkbox"/> Male <input type="checkbox"/> Female	Date of Birth:	Place of Birth:	Nationality:
Passport Number:		Date and Place of Issue:	Date of Expiry:
Name and Mailing Address of Home Institution:			Phone:
			Fax:
			E-mail:
			Homepage:
<b>Accompanying Dependents:</b> (Expenses for family members must be covered by the applicant)			
Name:	Relationship:	Period of stay:	
Name:	Relationship:	Period of stay:	
Name:	Relationship:	Period of stay:	
Name:	Relationship:	Period of stay:	

<b>Academic background:</b>			
<b>Degrees held:</b>	<b>Year awarded:</b>	<b>Field:</b>	<b>University:</b>
<b>Current position:</b>			

<b>Field of specialization:</b>	
<b>H-Index<sup>1</sup></b>	
<b>Value:</b>	<b>Source:</b>
<b>List below ten of your most recent &amp; important publications (please also attach your CV and complete list of publications to the form):</b>	
1.	
2.	
3.	

<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.

4.		
5.		
6.		
7.		
8.		
9.		
10.		
<b>HOST CENTRE</b> Provide up to three host centres in order of preference choosing from the list of participating centres "AssocCentres.pdf" available from <a href="http://www.twas.org">www.twas.org</a> by entering 'assoc' in the top right box 'Search':		
<b>Choice No.1</b>	<b>Choice No. 2</b>	<b>Choice No. 3</b>
<b>Have you ever visited any of these centres before?</b> If so, please give dates and purpose of visit:		
<b>Names of scientists you collaborated with in these centres (if any):</b>		

<b>Previous support received by the applicant:</b>	
From	Please indicate the type of support received, the programme under which the support was granted and when it was received.
<input type="checkbox"/> TWAS	
<input type="checkbox"/> IFS	
<input type="checkbox"/> ISP	
<input type="checkbox"/> ICTP	
<input type="checkbox"/> Other (please specify)	

<b>Research proposal (max. 3 pages):</b>
1.0 Title of proposal:
2.0 Scientific Background:
3.1 General objective:
3.2 Specific objectives:
4.0 Methodology:
5.0 Expected output:
6.0 Benefits which the Associateship will provide to you and your home institution:

<b>Signature of Applicant:</b>	<b>Place and Date:</b>

<b>Supporting statement from the head of the Applicant's institution:</b>	
Supporting Statement	
Name and Title of Head of Institution:	
Signature:	Date: