



the academy of sciences for the developing world



OIC Standing Committee on Scientific and Technological Cooperation

COMSTECH-TWAS

JOINT RESEARCH GRANTS PROGRAMME FOR YOUNG SCIENTISTS *IN OIC COUNTRIES **

GUIDE

Applicants are advised to read this guide to ensure that they fulfil all the requirements in preparing applications and are familiar with general policies and guidelines concerning grants.

General Information

- TWAS, the academy of sciences for the developing world – www.twas.org – is an autonomous international organization founded in Trieste, Italy in 1983. Its principal aim is to promote scientific capacity and excellence for science-based development in the South.
- The administration and financial operation of TWAS is undertaken by UNESCO in accordance with an agreement signed by the two organizations.
- OIC Standing Committee on Scientific and Technological Cooperation (COMSTECH) – www.comstech.org – is an international organization based in Islamabad, Pakistan. Its principal aim is to promote the development of indigenous science and technology capability in OIC member states.
- The COMSTECH-TWAS Joint Research Grants Programme is established in response to the needs of promising young researchers in OIC countries, particularly those attached to institutions that lack appropriate research facilities.
- Under this scheme, individual researchers in OIC countries working in science and technology are awarded grants to enable them to purchase the research facilities they need to enhance their productivity.
- The specific aims of the programme are to encourage the pursuit of scientific excellence in OIC countries by identifying and supporting the best young scientists in these countries; to reinforce and promote scientific research and to strengthen the endogenous capacity in science and technology; to counteract the brain drain and reduce the exodus of scientific talent from the OIC countries.
- The COMSTECH-TWAS Joint Research Grants Programme complements the TWAS Research Grants Programme in Basic Sciences and the Research Grants Programme of the International Foundation for Science (IFS).
- COMSTECH-TWAS Joint Research Grants are awarded to high-level and promising research projects carried out by young individual scientists in OIC countries.
- A Research Grant amounts to a maximum of US\$15,000.
- A grant is normally provided for a period of 18 months and is renewable once.
- A grant may be used to purchase scientific equipment, consumables and specialized literature (textbooks and proceedings only). The grant does not cover salaries of researchers and/or students, field expenses, travel expenses and/or participation in international conferences.

Subject Areas

- The COMSTECH-TWAS Joint Research Grants programme provides support for research projects in the following fields of science and technology: earth sciences, engineering sciences, information technology and computer sciences, materials science including nanotechnology, pharmaceutical sciences and renewable energy.

Eligibility of Applicants

- Individual applicants must be nationals of OIC Member States with a PhD and some research experience, though at the beginning of their careers. They should hold positions at universities or research institutions in one of the OIC countries. As a general rule, the grants are awarded to competent scientists under the age of 40 years.
- Scientists who submit a satisfactory final report on a previous grant may apply for a renewal.

Agreement

- A written agreement is made between TWAS, the grantee and his/her institute. The institute undertakes to administer the grant according to the agreement and to provide laboratory space, salaries and other facilities necessary for the project. Equipment, consumables and literature provided for the project through the COMSTECH-TWAS Joint Research Grants Programme remain the property of the institute after the project is completed.
- The research grant is kept at TWAS for the purchase of all items requested by the grantee. TWAS contacts the supplier(s) upon receipt of proforma invoices submitted by the grantee in accordance with the itemized budget.
- Awardees are required to submit a final report within one year of receipt of the last items purchased.

How to apply

- Complete the electronic application form using Microsoft Word or any other word-processing programme.
- The first page of the application must be signed.
- If extra space is needed, please attach separate Word documents.
- Applicants should send separately, as an attachment, a detailed CV with full list of publications.
- Incomplete and/or unsigned applications cannot be considered.
- Complete application form together with CV and list of publications should be sent by email to mahdavi@twas.org
- TWAS will acknowledge receipt of an application within two weeks. If you do not receive an acknowledgment within this period please contact:
Mrs M.T. Mahdavi
TWAS — ICTP Campus — Strada Costiera 11 — 34014 Trieste — Italy
Phone: +39 040 2240325 — Fax: +39 040 224559 — E-mail: mahdavi@twas.org
- A researcher who has applied for the TWAS Research Grants Programme (either for individual grants or for grants for research groups) cannot apply for the COMSTECH-TWAS Joint Research Grants Programme in the same year and vice versa.

When to apply

- For the year **2009** there are two deadlines for receiving applications: **31 March** and **31 August**. However, we strongly recommend that you do not wait until the deadline but submit your application as early as you can to enable us to process your application as quickly as possible.

Notification of TWAS decision

- The COMSTECH-TWAS Joint Research Grants Committee will meet at the end of October 2009 and at the end of March 2010 to consider applications received by March and August, respectively. Notification of the results will be made shortly afterwards.

**** COUNTRIES ELIGIBLE FOR THE GRANTS***

Afghanistan, Albania, Algeria, Azerbaijan, Bahrain, Bangladesh, Benin, Brunei, Burkina Faso, Cameroon, Chad, the Comoros, Côte d'Ivoire, Djibouti, Egypt, Gabon, Gambia, Guinea, Guinea-Bissau, Guyana, Indonesia, Iran (I.R.), Iraq, Jordan, Kazakhstan, Kuwait, Kyrgyzstan, Lebanon, Libya, Madagascar, Malaysia, Maldives, Mali, Mauritania, Morocco, Mozambique, Niger, Nigeria, Oman, Pakistan, Palestine, Qatar, Saudi Arabia, Senegal, Sierra Leone, Somalia, Sudan, Suriname, Syria, Tajikistan, Togo, Tunisia, Turkey, Turkmenistan, Uganda, United Arab Emirates, Uzbekistan, Yemen.

**PLEASE REPLY TO ALL QUESTIONS
AND ATTACH YOUR COMPLETE CV AND LIST OF PUBLICATIONS**

<p>This application is for a grant in (please select only one). No other areas can be considered. Earth Sciences <input type="checkbox"/> Engineering Sciences <input type="checkbox"/> Information Technology and Computer Sciences <input type="checkbox"/> Materials Sciences including Nanotechnology <input type="checkbox"/> Pharmaceutical Sciences <input type="checkbox"/> Renewable Energy <input type="checkbox"/></p>	
1. Applicant (applications for grants to research units should be completed by the unit leader)	
<p>Select title and gender: Dr. <input type="checkbox"/> Prof. <input type="checkbox"/> male <input type="checkbox"/> female <input type="checkbox"/> Family name (as it appears in the publications) Personal name(s)</p>	<p>Name and postal address of department and institution where the project will be carried out</p>
<p>Nationality Place and Date of birth (Year/Month/Day)</p>	
<p>Major field of specialization</p>	<p>Applicant's coordinates Phone: Fax: E-mail:</p>
<p>Name of head of institution</p>	<p>Mailing address if different from the above institute</p>
<p>Name of immediate supervisor (for individuals)</p>	
2. Education (post graduate degrees earned after BSc)	
<p>MSc (date and institution) PhD (date and institution)</p>	
3. Research Project	
<p>Project title</p>	
<p>Short summary of the project (200 words max.)</p>	
<p>Keywords (3 – 5 concepts)</p>	
<p>Estimated budget for the proposed project (US Dollars)</p>	
<p>Signature of the applicant Date and location</p>	
SUPPORTING STATEMENT OF HEAD OF INSTITUTION	
<p>This application is approved and the facilities of the institution, including personnel, buildings, equipment and financial resources will be provided to the applicant in accordance with the specifications within this application.</p> <p>Printed name and title Place and date Signature</p>	

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4. Present Position		
Position: Permanent <input type="checkbox"/> Temporary <input type="checkbox"/> Starting date: _____ Amount of time devoted to: Teaching <input type="text"/> % Administration <input type="text"/> % Research <input type="text"/> % Number of staff supervised/forming the research unit: Researchers _____ Graduate students _____ Technicians _____		Research area(s) and/or other responsibilities
5. Previous Position(s)		
From – To (year/month)	Name and address of employer	Research area(s) and/or other responsibilities
6. List your 10 principal publications (also attach your CV and complete list of publications to the form)		

7. Results already achieved by the applicant within the proposed project

8. Related work already in progress at your institution or at a cooperating institution

9. Objectives, scientific problems/hypotheses and expected outputs of the proposed research project

10. Relevance of the proposed research project to the institution and country

11. Project description, research design, time schedule and justification of the required equipment

12. Referees (give 2 – 3 names and addresses, including their email addresses, of potential referees)

13. Previous support given to applicant

If yes, please specify below the type of support and the programme under which it was awarded. TWAS ICTP IFS
ISPP Other (specify)

14. Facilities and funding for the research project

Facilities (localities, equipment) available for the research project. Other major costs supplied by the institution (salaries, etc.). Other funding organizations (excluding applicant's institution) from which applicant has received or applied for funds. Any funding to the institution for proposed or related research (please specify name(s), date of application(s) or approval, amount(s))

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15. Estimated budget for the proposed research project		
Items needed (please specify)	Total cost (US\$)	Amount requested (US\$)
a. Equipment		
Subtotal a		
b. Consumable laboratory supplies		
Subtotal b		
c. Literature:		
Subtotal c		
TOTAL (a+b+c)		

ENCLOSURES CHECKLIST

Your application should include all the following items:

- 1) Completed application form with signatures on page 1
- 2) Any additional sheets
- 3) Detailed CV including a full list of publications

OTHER INFORMATION

How did you find out about COMSTECH-TWAS Joint Research Grants Programme? (*please select only one*)

- Direct mailing to institution
- COMSTECH website
- TWAS website
- Word of mouth/email from colleagues
- Other (please specify)