

**Centre for Science and Technology of the Non-Aligned and Other Developing Countries (NAM S&T Centre)**

and

**UNESCO UNISA Africa Chair  
on Nanosciences And Nanotechnology (U2ACN2)**

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**NAM S&T Centre – U2ACN2 Research Associateship in  
Nanosciences & Nanotechnology (2015)**

**Announcement**

In line with its resolute efforts to promote South-South and North-South cooperation in science and technology, the Centre for Science and Technology of the Non-Aligned and Other Developing Countries (NAM S&T Centre) has instituted a number of Fellowship schemes that are aimed at supporting the deserving young scientists in the developing countries to establish closer linkages with the Centres of Excellence located in various countries, thereby facilitating the affiliation of these researchers with the academic and scientific institutions such as the Leibniz Centre for Tropical Marine Ecology (ZMT) in Bremen, Germany; International Centre for Chemical and Biological Sciences (ICCBS), H.E.J. Research Institute of Chemistry in Karachi, Pakistan; Central Food Technological Research Institute (CFTRI) in Mysore, India; MINTEK, South Africa through the Department of Science and Technology (DST), Government of South Africa; and Indian scientific and academic Centres of Excellence through the Department of Science and Technology (DST), Government of India.

The NAM S&T Centre [[www.namstct.org](http://www.namstct.org)] is now pleased to announce yet another scheme, titled '*NAM S&T Centre – U2ACN2 Research Associateship in Nanosciences & Nanotechnology*', jointly with the UNESCO UNISA Africa Chair in Nanosciences & Nanotechnology (U2ACN2), University of South Africa, Pretoria, South Africa [[www.unisa.ac.za](http://www.unisa.ac.za)]. The objective of the Research Associateship is to provide opportunities to the scientists and researchers from the developing countries to affiliate themselves with senior researchers in U2ACN2, University of South Africa to undertake training and upgrading their research skills in the various fields related to Nanosciences and Nanotechnology.

Five Research Associateships each year are available for duration of 2 to 3 months and are awarded to only one scientist each from any given developing country in each given year on a strictly competitive basis based on the applicant's academic and professional background, proposed Plan of Work and the mutual research interests of the applicant and U2ACN2. The offer may be renewed for a researcher for a second term depending on the availability of funds and subject to receiving satisfactory reports.

Under this scheme, U2ACN2, University of South Africa will provide free local hospitality (food and accommodation), and an amount of US \$300.00 per month for incidental local expenses, as well as the necessary research facilities to the selected Research Associates.

The NAM S&T Centre will pay the return international airfare from the home country to Pretoria, South Africa only to the selected Research Associates from those member countries of

the NAM S&T Centre or members of the NAM S&T – Industry Network, which have no outstanding dues towards the annual membership subscription to the Centre. [List of member countries and members of the NAM S&T – Industry Network is available in the Centre’s website [www.namstct.org](http://www.namstct.org)]. Researchers from the countries which are not the member of the NAM S&T Centre, or which have outstanding dues against their membership, will be required to bear their own internal fare. Preference in selection will however be given to the applicants from the member countries of the NAM S&T Centre.

Copies of the guidelines for the Research Associateship and the application form are **attached** (also available at the Centre’s Website [www.namstct.org](http://www.namstct.org)). Applications recommended by the parent institution of the applicant and endorsed by the Focal Point of the NAM S&T Centre in the country may be submitted to the Centre by email ([namstcentre@gmail.com](mailto:namstcentre@gmail.com)) in the relevant format. The contact details of the Focal Points of the NAM S&T centre in its member countries may be seen in its website [www.namstct.org](http://www.namstct.org).

Applications are invited in the prescribed format for the Joint NAM S&T Centre – U2ACN2 Research Associateship in Nanosciences & Nanotechnology for the year 2015. **The last date for submitting application for the Fellowship is Friday, 31<sup>st</sup> July 2015.**

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**GUIDELINES AND APPLICATION FORM**

**Background**

In pursuance of their objectives to promote South-South Cooperation in Science and Technology, and through mutual consultations, the Centre for Science and Technology of the Non-Aligned and Other Developing Countries (NAM S&T Centre) [[www.namstct.org](http://www.namstct.org)] and the UNESCO UNISA Africa Chair in Nanosciences & Nanotechnology (U2ACN2), University of South Africa, Pretoria, South Africa [<http://www.unisa.ac.za>] have initiated a Joint NAM S&T Centre – U2ACN2 Research Associateship Programme in Nanosciences & Nanotechnology to provide opportunities to the scientists and researchers from the developing countries to affiliate themselves with senior researchers in U2ACN2, University of South Africa, to undertake training and upgrading their research skills in various fields related to Nanosciences and Nanotechnology.

**Objectives**

The objectives of the Joint NAM S&T Centre – U2ACN2 Research Associateship in Nanosciences & Nanotechnology programme are:

- To provide opportunities to the scientists and researchers from the developing countries to affiliate with senior researchers in UNESCO UNISA Africa Chair in Nanosciences & Nanotechnology (U2ACN2), University of South Africa for upgrading their research skills in the fields related to Nanosciences and Nanotechnology.
- To facilitate joint research projects between the scientists and researchers from the developing countries and the UNESCO UNISA Africa Chair in Nanosciences & Nanotechnology (U2ACN2), University of South Africa.
- To provide a mechanism to the scientists and researchers from the developing countries to use the equipment and facilities of UNESCO UNISA Africa Chair in Nanosciences & Nanotechnology (U2ACN2), University of South Africa for their own research activity on mutually agreed terms and conditions.
- To facilitate exchange of information and contacts and create a network between the scientists and researchers from South Africa and other developing countries.

## Number of Fellowships

Up to 5 scientists and researchers from the developing countries will be sponsored each year by the NAM S&T Centre to work at U2ACN2, University of South Africa under the Joint Research Associateship Programme. They will be selected strictly on merit and competitive basis.

## Duration and Structure of Programme

The maximum duration of Fellowship will be two to three months. The offer may be renewed for a researcher for a second term depending on the availability of funds and subject to receiving satisfactory reports.

## Eligibility

- a) Researchers having academic qualification of at least a Master's Degree in Science or an equivalent degree in Engineering or Technology and engaged in research and development in Nanoscience and Nanotechnology.
- b) There is no upper age limit, but younger scientists will be preferred.
- c) Selection is strictly on merit based on the scientific quality of the proposal submitted by the applicant.
- d) Only one scientist / researcher from a developing country will be accepted.
- e) **Researchers from South Africa are not eligible to apply for the Research Associateship.**

## Financial and Other Terms

- The NAM S&T shall provide support for international air travel to/from South Africa by economy class / shortest route to the selected Research Associates from those member countries or members of the NAM S&T – Industry Network, which have no outstanding dues towards the annual membership subscription to the Centre. [Lists of member countries and members of the NAM S&T – Industry Network are available in the Centre's website [www.namstct.org](http://www.namstct.org)]. Research Associates selected from the countries which are not the member of the NAM S&T Centre, or which have outstanding dues against their membership, will have to bear their own international fare. However, during the selection preference will be given to the applicants from the paying member countries.
- U2ACN2, University of South Africa will provide free local hospitality (food and accommodation) to the visiting Research Associates and also US\$300.00 per month to meet incidental local expenses.
- U2ACN2, University of South Africa would provide all possible facilities and access to various instruments and equipment in the institute that may be required by the Research Associates to undertake their proposed research programme.
- A copy of the Health Insurance Coverage for the period of stay in South Africa must be made available by the selected Research Associates before departure from their home countries.



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and

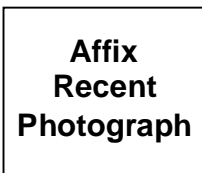
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**APPLICATION FORM**



(Please TYPE or use BLOCK capitals; NO COLUMN SHOULD BE LEFT BLANK)

**SECTION - A**

(To be filled in by the Applicant)

1. Name (Prof/Dr/Mr/Mrs/Ms): .....  
(As in Passport)
2. Designation (Position held): .....
3. Nationality: .....
4. Date of Birth: .....Place of Birth (City).....(Country) .....
5. Passport No: ..... Place of issue: .....  
Date of Issue: ..... Valid up to: .....  
(Please enclose a copy of your Passport)
6. Full Address (Home): .....  
.....  
Phone:.....Fax:.....E-mail: .....  
Mobile .....
7. Name of the Parent Organisation (Employer): .....  
Full Address (Office): .....

.....  
Phone: ..... Fax: ..... E-mail: .....

**8. Educational Qualifications:**

Highest Degree: .....

Year of Award: .....

University: .....

Field of Study: .....

**9. Brief Bio-data (including professional and research experience and a list of papers published, if any) [Not more than 3 printed pages]**

(To be attached on separate sheet).

**10. What in your opinion qualifies you for the Research Associateship?**

(To be attached on separate sheet)

**11. Plan of Work**

(To be attached on separate sheet)

Signature of applicant: \_\_\_\_\_

Date: \_\_\_\_\_

**SECTION -B**

**RECOMMENDATION OF PARENT INSTITUTION**

(The Candidate must get the application recommended by his/her Parent Institution/employer).

(Signature)

Name (in full): .....

Designation: .....

Date: .....

SEAL

**SECTION -C**

**ENDORSEMENT BY NOMINATING AUTHORITY**

**(The Candidate may get the application endorsed by the Focal Point of the NAM S&T Centre in his/her country, if he / she wishes to receive the support towards his / her air travel to/from Pretoria, South Africa. For name / address of the Focal Points please visit Centre's website [www.namstct.org](http://www.namstct.org))**

**(Signature)**

**Name (in full): .....**

**Designation: .....**

**Date: .....**

**SEAL**

**Check List**

**(for Enclosures to be attached with Application Form)**

- i) Brief Bio-data (including professional and research experience and a list of papers published, if any.
  - ii) Statement on what qualifies you for the Research Associateship.
  - iii) Plan of Work along with the title of the proposed work (~500 words).
  - iv) Copy of the relevant pages of the Passport
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