

**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)**

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] 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]. 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.
- The selected Research Associates or their parent institutions / governments will be required to bear the following costs:
 - ❖ All expenses in the home country incidental to travel abroad, including expenditure for passport and visa, required medical examinations and vaccinations and miscellaneous expenses such as internal travel to/from the airport of departure in the home country.
 - ❖ Salary and other related allowances for the Research Associates during the period of their stay in South Africa.
- The NAM S&T Centre and U2ACN2, University of South Africa will not assume any responsibility for the following expenditure in connection with the Research Associateship of the researcher:
 - ❖ Insurance, medical bills or hospitalisation fee.
 - ❖ Compensation in the event of death, disability or loss of personal belongings or compensation for damage caused by climatic or other conditions (natural and/or man-made).

Submission and Selection of Applications

- Applications for the award of the Research Associateship may be submitted in the prescribed format (**attached**) directly to the NAM S&T Centre [e-mail: namstcentre@gmail.com], and not to U2ACN2, University of South Africa. Incomplete applications shall be rejected.
- A proposal on the research work to be carried out must be attached with the application. To prepare the proposal the applicants may carefully study the material available on the website of UNISA [<http://www.unisa.ac.za>].
- After preliminary scrutiny by the NAM S&T Centre, the applications will be forwarded to U2ACN2, University of South Africa for consideration.
- Five applicants will be selected each year on competitive basis. The main criteria of selection will be the Applicant's academic credentials and professional expertise as well as proposed research proposal. Not more than one applicant will be selected from any particular country on a competitive basis and merit.
- In matter of selection, the decision of U2ACN2, University of South Africa shall be final.