



IAEA

Atoms for Peace

الوكالة الدولية للطاقة الذرية

国际原子能机构

International Atomic Energy Agency

Agence internationale de l'énergie atomique

Международное агентство по атомной энергии

Organismo Internacional de Energía Atómica

National Liaison Officers

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In reply please refer to: SV-RAS6091

Dial directly to extension: (+431) 2600--(26963)

2019-01-11

Subject: Invitation to submit nominations for Group Fellowship Training Events in Nuclear Medicine.

Dear National Liaison Officers,

I am pleased to invite your Government to submit nominations of suitable candidates to participate in the below mentioned **One-week Group Fellowship Training** Events within the framework of the IAEA technical cooperation project, RAS6091 – Enhancing the Management of Non-Communicable and Communicable Diseases through Capacity Building under the IAEA Curricula for Nuclear Medicine Professionals. The purpose of the event and related information are shown in the attached Prospectus.

Event number	Event title	Targeted professionals	Time schedule
EVT1900078	Hybrid Oncology and Therapy	Nuclear medicine physicians	August 2019
EVT1900080	Nuclear Cardiology	Nuclear medicine physicians or nuclear cardiologists	September 2019
EVT1900081	Physicists and Technologists in Hybrid System (QUANUM hands-on practical workshop)	Nuclear medicine technologist or nuclear medicine medical physicists	October 2019
EVT1900082	Streamlined and New Radiopharmaceutical, Hybrid imaging and Therapy for clinicians	Nuclear medicine physicians	August 2019
EVT1900083	QA/QC of equipment and Hot-Lab Management for Nuclear Medicine Technologists (QUANUM hands-on practical workshop)	Nuclear medicine technologists	July 2019
EVT1900084	Nuclear Medicine Applications in Infectious/ Inflammatory Diseases: Emphasis on Practical Aspects	Nuclear medicine physicians	November 2019
EVT1900115	Nuclear Medicine applications in Neurology	Nuclear medicine physicians	October 2019

Nominations should be submitted to the IAEA through the Technical Cooperation Department's InTouch+ system under the **relevant event number**. Or through IAEA Official Fax (+43-1-26007) or E-Mail (Official.Mail@iaea.org), not later than **15 March 2019**.

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Please note that the holding of the Group Fellowship Training Events will be subject to the official confirmation of the proposed time schedule and Host Government's Agreement.

Yours sincerely,



Mr Abdulghani Shakhashiro
Programme Management Officer
Division for Asia and the Pacific – Section 2
Department of Technical Cooperation

Attachments: Prospectus



International Atomic Energy Agency

Group Fellowship Training Events in Nuclear Medicine

Project Number and Title: RAS6091 Enhancing the Management of patients with Non-Communicable and Communicable Diseases through Capacity Building under the IAEA Curricula for Nuclear Medicine Professionals

Nomination Deadline: 15 March 2019

Organizers: The International Atomic Energy Agency in cooperation with in cooperation with resource centers.

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Language: The language of instruction will be English.

Targeted professionals: The targeted professionals for each event is indicated in the Table below. The training course will be conducted in English, participants should have sufficient proficiency to follow lectures and express themselves in this language without difficulty.

Nature of the course: This **one-week group fellowship training** aims at providing a venue for acquiring knowledge on the indicated subject.

The Group Fellowship Training Events will include observation, hands-on training, lectures and interactive discussion sessions covering the below-mentioned applications.

**Nomination
Procedure:**

Nominations (including those of local participants) for the workshop should be submitted to the IAEA online through the Technical Cooperation Department's InTouch system (<https://intouchplus.iaea.org>). Should this not be possible, nominations may be submitted on the standard IAEA Nomination Form for the workshop, (available on the IAEA website: <http://www.iaea.org/>). Completed forms should be endorsed by relevant national authorities and returned to the Agency through official channels, i.e. the office of the National Representative. The completed nomination forms should be sent to the Programme Management Officer for this project, **Mr. Abdulghani Shakhashiro** through IAEA Official Fax (+43-1-26007) or E-Mail (Official.Mail@iaea.org), not later **than 15 March 2019**, Nominations received after this date or which have not been routed through the established official channels cannot be considered.

Candidates wishing to apply for this event should follow the steps below:

1. Access the IAEA TALEO page (<https://iaea.taleo.net/>) and complete the Candidate Profile.
 2. Be registered on the Nucleus page of the IAEA (<https://nucleus.iaea.org/>).
 3. Through Nucleus, access the InTouch+ platform where the Profile is completed (My Profile tab). (<https://nucleus.iaea.org/Pages/InTouchPlus.aspx>).
- NOTE: The email used for TALEO and Nucleus must be the same. If not, the candidate's profile will not appear complete.
4. On the InTouch + platform, under the 'My InTouch +' tab, the candidate needs to:

- a. Select the institute / organization that he/she works at / represents ('My Institute' section);
- b. Click on the link called 'Refresh Personal History Form' to update the system, otherwise the nominations submitted will have these fields empty and it will not be possible to evaluate them during the selection of candidates ('IAEA Recruitment Platform' section).

NOTE: Once the above steps are finalized, the candidate's profile will appear as completed and he/she can apply for Technical Cooperation events.

5. In the InTouch+ platform (<https://intouchplus.iaea.org>), in the 'Applications' tab, search by the event number provided in the invitation.

The help for each step is located at the top of the page. For additional help on how to register, create a profile and apply for an event, please refer to the online guide and training videos available under the following links: how-to guide and training videos. Any issues or queries related to the new system can be addressed to InTouchPlus.Contact-Point@iaea.org or TC-AIPS-PL4.Contact-point@iaea.org.

Should this not be possible, applicants may download the Nomination Form for the TN from the IAEA website <https://www.iaea.org/services/technical-cooperation-programme/how-to-participate>.

Applications should contain sufficient information to establish that the nominees have the required qualifications. Please note that the information regarding LANGUAGE SKILLS, EDUCATION AND WORK EXPERIENCE is exported from TALEO. If an applicant's profile in TALEO is not updated, the information in INTOUCH+ for these sections appears as empty and the candidates cannot be

evaluated. Completed applications need to be endorsed by the relevant national authority, i.e. the National Liaison Office and submitted through the established official channels.

Security in the Field

It is recommended that meeting and training course participants complete the courses *Basic Security in the Field: Safety, Health and Welfare II (BSITF II – new version mandatory as of 1 September 2012)* and *Advanced Security in the Field (ASITF)* prior to undertaking missions to duty stations where UN security phases are in effect.

The aim of these courses is to educate participants on how best to avoid or minimize potential dangers and threats, and to show what individuals can do if they find themselves in insecure situations.

- Access to the courses, further information and FAQ can be found under the following link:

https://training.dss.un.org/courses/v21/pages/dss_login_register.php

Upon successful completion of the courses, certificates will be generated automatically. Copies of these certificates should be uploaded directly through the InTouch platform under “My Files” or forwarded as an e-mail attachment to the IAEA administrative contact indicated below.

Please keep a copy of these certificates, as they are *valid for a period of three (3) years*. If you are already certified on the BSITF II and ASITF courses, please upload them directly through InTouch or forward them to the IAEA administrative contact.

Administrative and Financial Arrangements:

Nominating Governments will be informed in due course of the names of the candidates who have been selected and will, at that time, be given full details on the procedures to be followed with regard to administrative and financial matters. Selected participants from countries eligible to receive technical assistance will be provided with a round trip economy class air ticket from their home countries to event venue and a DSA sufficient to cover the cost of their accommodation, food, and minor incidentals. Shipment of accumulated workshop materials to the participants' home countries is not the responsibility of the IAEA.

The organizers of the workshop do not accept liability for the payment of any cost or compensation that may arise from damage to or loss of personal property, or from illness, injury, disability or death of a participant while he/she is travelling to and from or attending the course, and it is clearly understood that each Government, in nominating participants, undertakes responsibility for such coverage. Governments would be well advised to take out insurance against these risks.

Event number	Event title	Event purpose	Targeted professionals
/T1900078	Hybrid Oncology and Theranostics	<p>Observe the daily clinical practice of a PET/CT and a radionuclide therapy department, Familiarize with patient workflow and preparation Understand the role of radionuclide imaging, in particular PET/CT, in the evaluation of cancer patients; Familiarize with up-to-date theranostics clinical applications; Learn the indications and limitations of the different imaging procedures in nuclear oncology and get familiar with basic and advanced selective radionuclide therapy for certain tumors; and Get acquainted with the use of radionuclide therapy in pediatric populations.</p>	Nuclear medicine physicians
/T1900080	Nuclear Cardiology	<p>Understand the value of radionuclide imaging in different cardiac disorders Gain knowledge about the basic principles of cardiac imaging and update current knowledge in Cardiac SPECT/CT and PET/CT Understand the indications and limitations of the different imaging procedures in Nuclear Cardiology</p>	Nuclear medicine physicians or nuclear cardiologists
/T1900081	Physicists and Technologists in Hybrid System (QUANUM hands-on practical workshop)	<p>Basic Principle of SPECT/CT and PET/CT Attenuation Correction, Acquisition and Processing Protocol Q.C. of SPECT/CT, PET/CT including image quality SUV determination MIRD Radiation Safety and Radiation Protection CT dosimetry</p>	Nuclear medicine technologist or nuclear medicine medical physicists
/T1900082	Streamlined and New Radiopharmaceutical, Hybrid imaging and Therapy for clinicians	<p>Familiarize with PRRT concept and applications Familiarize with SIRT concept and applications Learn the clinical indications and patient preparation Understand the patient work-flow interact with clinical oncologist and other specialists and participate in tumor boards Review the current status of thyroid cancer management Understand the basic principles and clinical applications of alpha therapies</p>	Nuclear medicine physicians

Event number	Event title	Event purpose	Targeted professionals
/T1900083	QA/QC of equipment and Hot-Lab Management for Nuclear Medicine Technologists (QUANUM hands-on practical workshop)	Learn the theoretical and practical aspects of production of radioactive materials & radiopharmaceuticals; Understand the importance of QC/QA in a Hot Lab; Get acquaintance with QC/QA procedures and radiopharmaceuticals; Familiarize with the quality management systems in nuclear medicine practices; and Hands-on training on QC/QA of radiotracers (level I and II, Hospital radiopharmacy).	Nuclear medicine technologists
/T1900084	Nuclear Medicine Applications in Infectious/ Inflammatory Diseases: Emphasis on Practical Aspects	Provide participants with practical information on the use of PET/CT (FDG and non-FDG) and SPECT/CT in Infectious Diseases in adult and paediatric patients; Familiarize participants with clinical indications for each procedure and appropriate image interpretation through frontal lectures and read with the expert sessions; Emphasis will be given to PET/CT and SPECT/CT protocols under the IAEA Curricula for Nuclear Medicine Professionals (ICNMP); Familiarize nuclear medicine physicians with the current status of infection/inflammation SPECT/CT and PET/CT imaging; The program focuses on established clinical applications covering infectious diseases and inflammatory conditions; Review and update the current protocols on infection/inflammation imaging focusing on appropriateness criteria, choice of radiopharmaceutical and imaging modality and dose optimization; The programme will include parameters such as referral indications, acquisition protocols, and scan interpretation criteria for each clinical entity; Intensive review sessions and in-depth analysis of specific diseases including but not limited to tuberculosis, HIV, musculoskeletal, soft tissue and cardiovascular infectious processes, as well as various inflammatory conditions in adult and paediatric patients.	Nuclear medicine physicians

Event number	Event title	Event purpose	Targeted professionals
/T1900115	Nuclear Medicine applications in Neurology	<p>Provide participants with practical information on the use of PET/CT (FDG and non-FDG) and SPECT/CT in Neurological Diseases in adult and paediatric patients. This advanced fellowship will enable the participants towards clinical indications for each procedure and appropriate image interpretation through read with expert sessions. Emphasis will be given on the Neurology protocols under the IAEA Curricula for Nuclear Medicine Professionals (ICNMP);</p> <p>Familiarize nuclear medicine physicians with the current status of brain SPECT and PET imaging. The program focuses on established clinical applications covering cerebrovascular disease, epilepsy, brain tumours, dementia and movement disorders (see below);</p> <p>Review and update the current protocols on brain SPECT/CT and PET/CT imaging focusing on dose optimization and appropriateness criteria, including radiopharmaceutical and imaging modality choice. These include parameters such as clinical indications, scan interpretation, patient positioning, radiopharmaceutical choice and dosimetry;</p> <p>Intensive review sessions on image interpretations, protocol applications and processing using neuroimaging standard processing tools (Neurostat, others).</p>	Nuclear medicine physicians

**IAEA**International Atomic Energy Agency
Atoms for Peace**NOMINATION FOR TC FELLOWSHIP / SCIENTIFIC VISIT****The Government (nominating authority) of**Nominates the person indicated below for a Fellowship Scientific visit under TC project

Field of Activity :

1. PERSONAL INFORMATION

Gender: <input type="checkbox"/> Female <input type="checkbox"/> Male	Nationality:
Family name (as in passport):	2nd nationality (if any):
Middle name (if any, as in passport):	Passport No.:
First/given name (as in passport):	Date of issue: DD-MM-YYYY
Date of birth: DD-MM-YYYY	Place of issue:
Place of birth:	Valid until: DD-MM-YYYY

2a. OFFICE ADDRESS	2b. HOME ADDRESS
Institute name:	
Institute address:	Address:
PO Box:	PO Box:
Zip Code:	Zip Code:
Town/City:	Town/City:
State:	State:
Country:	Country:
Telephones (including country/city codes):	Telephones (including country/city codes):
Office:	Home:
Cellular:	Cellular:
Email:	Email:
Web:	Web:
Airport/town nearest to residence:	

3. LANGUAGE SKILLS				Description:	
Mother tongue:	Speak	Read	Write	FLUENT (F)	Speak, read and write nearly as well as mother tongue Engage freely in discussions, read and write more complex material Limited conversation, reading of newspapers, routine correspondence
Language				WORKING KNOWLEDGE (W)	
				LIMITED (L)	

4. EDUCATION		
Start date:	Institution:	
(Anticipated) Graduation date:	Institution city:	Institution country:
Education level (achieved):	Main course of study:	
	Specialization:	
Start date:	Institution:	
(Anticipated) Graduation date:	Institution city:	Institution country:
Education level (achieved):	Main course of study:	
	Specialization:	

5. WORK EXPERIENCE	
Current job: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Employer:	Type of business:
Job function:	Exact title of post:
Start date:	Work location (city/country): /

Current job: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Employer:	Type of business:
Job function:	Exact title of post:
Start date:	Work location (city/country): /
Current job: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Employer:	Type of business:
Job function:	Exact title of post:
Start date:	Work location (city/country): /
6. HEALTH AND RADIATION	
I declare that I am in good health, free from infectious diseases and able physically and mentally to carry out any relevant duties away from home. <input type="checkbox"/> Yes <input type="checkbox"/> No	
If you have a physical disability or medical condition which might limit your ability to perform your assignment, please indicate the limitations below:	
A certificate of good health dated not more than three months prior to the assignment must be submitted: <ul style="list-style-type: none"> • For trainings that are longer than 3 months; • For all candidates over the age of 65. 	
Are you covered under a radiation surveillance programme in your country?	
<input type="checkbox"/> Yes Please provide the dose records for the past five years.	<input type="checkbox"/> No Please provide: <ul style="list-style-type: none"> • A medical certificate or personal declaration of health fitness to work with ionizing radiation; • Information on your training in radiological protection; • The dose records of the past five years (if available).
Radiation Surveillance Remarks:	
7. DESCRIPTION OF WORK	
Describe in detail (around 200 words) the work you have been doing during the past three years: (Please attach a list of any material you may have published)	
8. PREVIOUS PARTICIPATION IN IAEA ACTIVITIES	
Have you been or will you be involved in any IAEA activity?: <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please each activity below:	
9. OBJECTIVES TO BE ACHIEVED BY THE PROPOSED TRAINING	
a) Outline in at least 200 words the detailed programme of training you require:	
b) Outline in at least 200 words the detailed programme of work you expect to carry out during the next 12 months at your home institute before starting the training you requested:	
c) If the fellowship/scientific visit is linked to a technical cooperation project, outline in at least 200 words the roles foreseen by the supervisor or project counterpart upon the applicant's return, and how the training will be of value to meeting the needs of the project objectives:	
10. HOST COUNTRY(IES)	

- a) Indicate the countries where you would like to be trained.
The IAEA reserves the right to select the appropriate country of training:
- b) If you are acquainted with the proposed host country(ies), list the institution where you desire training to be arranged. If known, indicate also the names of the individual(s) under whose direction you would like to work:
- c) Indicate how much time you could devote to the training, and the period when you would be available to undertake the training (please keep in mind it may take several months from submission of application to finalizing arrangements). Indicate any period when you would not be available.

I hereby certify that the statements made by me in this application are true and complete. If selected for a fellowship, I undertake to:

- Conduct myself at all times in a manner compatible with my status as a recipient of an IAEA training award;
- Spend the full time during the period of the award in the training programme as directed by the supervising agency in the country of study and by the IAEA;
- Refrain from engaging in political and commercial activities;
- Submit reports in accordance with the requirements of the IAEA;
- Return to my home country at the end of the fellowship and work in my country for a period of at least two years in the field of peaceful uses of atomic energy;
- Accept no remuneration other than the fellowship stipend and the salary which is paid to me by my own Government or institution nor render any services against payment or other form of remuneration;
- Inform the IAEA whenever there are changes in my status or availability that will affect the terms of my IAEA training award.

SIGNATURE	NAME	DATE
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11. STATEMENT BY THE GOVERNMENT OFFICIAL RESPONSIBLE FOR ATOMIC ENERGY MATTERS IN THE COUNTRY

- a) What are the objectives of this proposed fellowship from the Government's point of view?
- b) Explain how the applicant's training programme will achieve the above objectives.
- c) Explain clearly and fully how the experience gained by the applicant on his/her fellowship will be utilized on his/her return home to further the peaceful uses of atomic energy in the country, either with the organization responsible for atomic energy matters or with another national or private-sector institution.

12. COUNTRY APPROVAL

Our Government is cognizant of the principles and rules pertaining to IAEA-supported training awards and nominates this applicant for a scientific visit and, noting the responses given by the applicant:

- All information supplied by the applicant is complete and correct, and the applicant is proficient in the training language;
- After completion of the training period, the applicant will be offered a suitable position in order to permit him/her to work in his/her country for a period of at least two years in the field of peaceful uses of atomic energy;
- In case the applicant is already employed, his/her salary will continue to be paid throughout the period of the award;
- The applicant will be paid all expenses relating to his/her passport, visa, medical examination and other incidental expenses;
- All medical costs not covered by insurance which are incurred during the fellowship due to illness or injury will be met by the Government;
- No facts are known to the Government regarding the reliability and character of the applicant which would obstruct giving him/her access to nuclear installations or institutions where ionizing radiation is used.

SIGNATURE	NAME	DATE
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