International Scholarship Programme
Information for applicants

Two one year fixed term posts
International Scholar (Clinical Oncology)
International Scholar (Medical Oncology)
International Scholarship Programme
(two posts – one in clinical oncology and one in medical oncology)
Fixed term contract for one year

The Christie NHS Foundation Trust is delighted to announce the inauguration of its annual International Clinical Scholars programme. This will be an outstanding opportunity for Clinical and Medical Oncologists to take part in a 12 month clinical programme at this prestigious cancer centre. These posts are funded by The Christie Charity and The Christie NHS Foundation Trust.

The Christie NHS Foundation Trust is one of Europe’s leading comprehensive cancer centres enjoying a reputation as a world leader in cancer treatment, education and research. The Christie is linked to the University of Manchester and a member of the Manchester Academic Health Science Centre (MAHSC).

The Christie School of Oncology is a unique facility dedicated to comprehensive cancer education. With it’s fully extensive programme of cancer education, the School is a world leading centre of learning.

We are looking for two International Clinical Scholars (one in Clinical Oncology [Radiation Oncology] and one in Medical Oncology) to undertake a one year Fellowship, to receive clinical training and undertake a dissertation.

The Clinical Oncology Fellowship would allow the applicant to gain experience in all aspects of clinical oncology including conformal radiotherapy, intensity modulated radiotherapy, image guided radiotherapy, stereotactic radiotherapy, brachytherapy and systemic therapies. The post-holder will be expected to take part in undergraduate and postgraduate teaching and clinical audit. Informal enquiries are welcomed by emailing Lipwai.Lee@christie.nhs.uk

The Medical Oncology Fellowship would allow the applicant to develop their research and educational interests while working with experts regarded as leaders in their fields. The department is at the forefront of research into cancer immunology, angiogenesis, biomarker and drug development. The successful applicant would gain experience in varied aspects of chemotherapy research and development which would include participation in pre-clinical studies, phase I,II and III trials. They would be expected to contribute and encouraged to lead various educational events including participation and contributing to the specialist registrar training programme. Informal enquiries are welcomed by emailing was.mansoor@christie.nhs.uk.

The post holder will be paid a salary of £40,000 over the 12 month period, and will be supported in their application to the GMC (should this be required).
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Contact details
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Education Business Manager
The Christie School of Oncology
The Christie NHS Foundation Trust
Wilmslow Road
Manchester, M20 4BX
Telephone: 0161 446 3449
1. International Scholar in Clinical Oncology

The Christie NHS Foundation Trust

The Christie Hospital and Holt Radium Institute was founded in 1932 and has grown to be the largest Cancer Hospital in the UK and one of the largest Cancer Centres in Europe covering a large population in North West England. The Hospital is a designated teaching hospital of the University of Manchester and is the focal point of the Regional Cancer Organisation. All cancer-related specialties are fully operational and more than 10,000 new patients with cancer are seen each year.

The main clinical groups within the hospital include Clinical Oncology, Medical Oncology and Haematological Oncology, but there are also clinical groups specialising in Palliative, Medicine, Surgical Oncology, Paediatric and Adolescent Oncology, Endocrinology, Psychological Medicine and Clinical Genetics.

Clinical Oncology is the largest department in the hospital and has strong academic links. Cancers are treated by a site specialised multidisciplinary teams. All treatment modalities are in practice with the routine use of Brachytherapy and 3D conformal radiation therapy and intensity modulated radiotherapy. A Radiation Research facility with dedicated resources and staff was opened in 2002 to facilitate radiation research. This facility has led the introduction on Image guided radiotherapy

International Scholarship Post

A 1 year Fellowship has been created to allow the applicant to receive training in clinical oncology and undertake a short research project in a large UK centre. They will be trained alongside UK trainees and receive the same teaching and support. The fellowship would allow the applicant to gain experience in all aspects of clinical oncology including conformal radiotherapy, intensity modulated radiotherapy, image guided radiotherapy, stereotactic radiotherapy, brachytherapy and systemic therapies.

The fellow will be expected to take part in out-patient clinics, (both on the Christie site and in local hospitals), chemotherapy clinics, radiotherapy planning clinics, multi-disciplinary team meetings and ward rounds. They will also be expected to perform the supportive clinical administrative duties. They are not expected to take part in the on call arrangements.

The post-holder will be attached to 1-2 disease-site based team for a period of 6/12 months and will rotate though 1-2 teams during their fellowship. Each team will consist of 3-6 consultants and 2 specialist registrars.

The post-holder will be expected to take part in undergraduate and postgraduate teaching and to take part in clinical audit.

The appointee will be allocated a Clinical and an Educational Supervisor and will have the same level of clinical and educational supervision as Specialty Trainees.
Department of Clinical Oncology

Clinical Staff

There are 34 consultants and 18 specialist registrars/specialty trainees in the department.

Outpatient facilities

Routine clinics are held daily at the Christie Hospital for new and follow up patients. Clinics are also held in District General hospitals and attendance at these clinics will be expected. There are specialised cancer site related collaborative clinics and routine outpatient clinics.

Radiotherapy Department

The Radiotherapy Department has eleven service linear accelerators, a research linac suite (Wade Centre), and a Pantak superficial x-ray therapy unit. Two of the linacs are Elekta Synergy linacs with facilities for image guided radiotherapy. There are three simulators, 2 with CT attachments, one with cone beam imaging and an application for a CT-Sim is ongoing. There is an ADAC Pinnacle computerised treatment planning system.

Brachytherapy Facilities

There is a dedicated Radiotherapy theatre with dedicated in house Medical Physics support. Approaching 400 cases are treated annually, which is the highest level of brachytherapy activity in any UK centre.

Other Departments

A good liaison exists between the departments of Radiotherapy and Medical Oncology. Many of the clinical protocols are run jointly between the two departments and there is an excellent opportunity at specialist registrar level to participate in joint teaching programmes.

The Department of Histopathology provides a regional cancer service.

The Department of Diagnostic Radiology has two whole body CAT scanners, a MR scanner and a PET/CT scanner in addition to standard radiological and radionuclide imaging facilities. The CRC Department of Psychological Medicine is involved in collaborative research projects concerning psychological assessment and counselling in the context of clinical trials and is responsible for staff training in aspects of psychological support.

Proposed Job Plan

<table>
<thead>
<tr>
<th>Proposed Job Plan</th>
<th>Programmed Activities</th>
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</thead>
<tbody>
<tr>
<td>Out Patients</td>
<td>2</td>
</tr>
<tr>
<td>Administration (and Teaching)</td>
<td>1.5</td>
</tr>
<tr>
<td>Radiotherapy Planning</td>
<td>2</td>
</tr>
<tr>
<td>Multi-disciplinary team meetings</td>
<td>0.5</td>
</tr>
<tr>
<td>Emergencies and On-Call</td>
<td>0</td>
</tr>
<tr>
<td>Research and Audit</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>10</strong></td>
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</tbody>
</table>
A Programmed Activity will be 4 hours in duration.

The following is a sample timetable for the head and neck team. This is just a sample as the timetable will be dependent on which team or subspecialty the International Scholar is rotating to.

<table>
<thead>
<tr>
<th>Sample Timetable</th>
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<tbody>
<tr>
<td><strong>Mon</strong></td>
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<tr>
<td><strong>Am</strong></td>
</tr>
<tr>
<td><strong>Pm</strong></td>
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</tbody>
</table>

**Line Management**

The post-holder will be clinically responsible to Dr J P Logue, the Clinical Director of Clinical Oncology.

2. **International Scholar in Medical Oncology**

The Christie Hospital and Holt Radium Institute was founded in 1932 and has grown to be the largest Cancer Hospital in the UK and one of the largest Cancer Centre’s in Europe covering a large population in North West England. The hospital is a designated teaching hospital of the University of Manchester and is the focal point of the Regional Cancer Network. All cancer related specialties are fully operational and more than 12,000 new patients with cancer are seen each year. It is a major Cancer research centre and combined with the Cancer Research UK Manchester Institute and University of Manchester comprises the Manchester Cancer Research Centre.

**The Post**

This is a 10 session non-training post funded through The Christie NHS Foundation Trust and The Christie Charity. It is based at The Christie site in the Department of Medical Oncology. This position is suitable for individuals who wish to gain specialist training in Medical Oncology and will also provide some experience in clinical trials. The postholder will have a varied workload supporting a range of disease groups in Medical Oncology.

**Background**

The Cancer Research UK Department of Medical Oncology (Clinical Director: Dr Was Mansoor; Research Director: Professor John Radford) was founded in 1974 and is now one of the largest departments of cancer medicine in the UK. The department provides a broad range of service provision covering all major tumour types. The major research remit of the department is to
develop improved methods for cancer patient management. Laboratory research is closely integrated with clinical research and service work.

The Department is based in The Christie Cancer Research Centre (The Christie and Cancer Research UK Manchester Institute) with a Breast Cancer Unit at Withington Hospital (University Hospital of South Manchester) and the Thoracic Oncology Unit at Wythenshawe Hospital (Cardiothoracic Centre).

Clinical Staff
There are twenty four consultants in medical oncology who run the clinical service and research practice with the following emphasis: Dr M Leahy – Sarcoma and Germ Cell Tumours; Professor J A Radford, Dr K Linton - Hodgkin’s disease, non Hodgkin’s lymphoma and sarcoma. Dr Fiona Blackhall, Dr P Lorigan, Dr P Taylor, Dr Y Summers - lung cancer, Dr P Lorigan - Melanoma. Dr A Wardley, Dr G Wilson, Dr A Armstrong and Dr Howell - breast cancer. Professor. G.C. Jayson, Dr J Hassan and Dr Clamp- ovarian cancer and anti-angiogenic research. Professor M Ranson - clinical pharmacology. Dr J Valle, Dr R Hubner Dr G Wilson, Dr W Mansoor, Dr F Thistlethwaite. Dr W Mansoor, Dr Fiona Thistlethwaite – GI Cancers, Professor R Hawkins – Gene – Immunotherapy renal cancers. Dr Claire Mitchell – Acute oncology and Carcinoma Unknown Primary. Professor A Howell is developing a breast cancer prevention unit.

There are at present 17 specialist registrars. The ST2 posts and junior clinical fellows work with disease subspecialist teams (both clinical and medical oncology) and are ward based. Eight clinical research fellows also participate in clinical activities in addition to laboratory research.

Ward facilities
1. General medical oncology wards - 44 beds are available on modern wards with excellent facilities.
2. A twenty bedded overnight stay ward is available for regimens requiring in patients care.
3. The Oak Road Treatment Centre was opened in 2010 and incorporates a large clinical research unit, early phase trial unit, and non-trial chemotherapy delivery unit.
4. When needed the hospital has an 8 bedded high dependency unit with anaesthetic cover.

A wide range of different types of cancer are managed in these ward facilities and practical training in all aspects of cancer medicine is provided at ST2/ST3 levels. A general medical training for junior medical staff is reinforced since infective, metabolic and neurological complications of malignant disease are commonplace. Special clinical facilities include:

1. The Adult Leukaemia Unit provides facilities for patients undergoing high dose therapy.
2. PET imaging is available for appropriate indications.
3. The WMIC provides state of the art facilities for molecular imaging for the development of new agents.
4. There are specialist pharmacokinetic facilities in the CRUK Manchester Institute.
5. A new GCLP lab has opened for immune monitoring clinical trials.
6. In conjunction with the National Blood Service we have developed a GMP cell therapy unit which can provide cells for experimental therapies.

Outpatient facilities
Routine medical oncology clinics are held daily at The Christie for new patients and follow up. There are specialized cancer site related collaborative clinics and routine outpatient clinics.
**Specialist nurse facilities**

Teams of specialist chemotherapy and research nurses are available. These nurses have special expertise and training in the administration of chemotherapy. Specialist nurses have been trained to insert i.v. long lines to carry out bone marrow aspiration/trephine procedures to operate the cell separators for leukapheresis and provide psychological support with counselling.

**Other departments**

The regional Department of Radiotherapy provides a service to Lancashire and North Cheshire through regular consultative clinics (mainly weekly) staffed by its consultants in every main town in this area. A good liaison exists between the departments of radiotherapy and medical oncology. Many of the clinical protocols are run jointly between the two departments and there is an excellent opportunity at specialist registrar level to participate in joint teaching programmes. The Department of Histopathology provides a regional cancer service. The Department of Diagnostic Radiology has two whole body CT scanners and an MR scanner in addition to standard radiological and radionuclide imaging facilities. The Cancer Research UK Department of Psychological Medicine is involved in collaborative research projects concerning psychological assessment and counseling in the context of clinical trials and is responsible for staff training in aspects of psychological support.

**B. CLINICAL AND LABORATORY SCIENTIFIC RESEARCH**

**Clinical**

A wide range of clinical research studies is in progress and there are opportunities for junior staff to participate in these studies and training in the development and planning of new studies is provided. These include Phase I, II and III chemotherapy studies, combined surgery, radiotherapy and chemotherapy studies and patient evaluation studies (staging procedures, psychological assessment etc). A special interest is taken in the development of new biological therapies. There is a close association with the Department of Medical Statistics. Data managers are in post to help handle clinical and laboratory research data. Training is given in this important aspect of clinical research.

**Laboratory**

There are three major laboratory research themes within medical oncology:

a) Professor Gordon Jayson leads translational research in anti-angiogenic drugs and has an international profile in trials of anti-angiogenic antibodies.

b) Professor Robert Hawkins leads gene and immunotherapy research. He has an international profile in cancer vaccine studies having pioneered the application of genetic techniques to idiotypic vaccination for lymphoma. There are a number of current phase I and II clinical studies of genetic vaccines in lymphoma, colorectal cancer and melanoma. The cancer vaccine work links with the group of Professor Peter Stern in the CRUK Manchester Institute. Laboratory research focuses on the development of genetically engineered T cells for cancer – where we originally described the technique of targeted costimulation. Dr David Gilham leads the scientific development of this area which combines expertise in the phage antibodies and retroviral gene therapy. For the clinical translation of such work a GMP cell therapy unit has been built in conjunction with the National Blood Service and is managed by Dr Eric Austin.
Other areas of collaborative clinical/laboratory scientific research is conducted with research units within the Paterson Institute for Cancer Research including drug development, cell cycle research and cancer biology.

Duties of the Post
1. Main Duties: To be a Fellow in Medical Oncology involved in a combination of service provision, education delivery and research.

2. Outpatient Clinics: The Research Fellow in Medical Oncology would be required to attend 4 clinics per week (seeing new referrals, follow ups and trial patients). See indicative timetable.

3. Research: The post holder will be given a non-degree research project to undertake. It is expected that the post holder will present updates on this project to their supervisor and to internal Trust meetings (Ground Rounds).

4. Professional Development: There is the potential to attend international meetings to present research work and the postholder will be expected to be involved in writing papers and reviews.

5. Teaching Commitment:
   a) Undergraduate
   The appointee will be required to contribute to the undergraduate teaching of medical students on oncology topics.

   b) Postgraduate
   The Unit has a busy postgraduate teaching programme and staff are often requested to lecture on relevant topics.

6. Junior Doctor Training: The post holder will be expected to contribute actively to the training of ST2s. The post holder will also be expected to help in the training of nursing and multi-disciplinary staff in both in-patient and outpatient departments.

7. Clinical Governance: The post-holder will be expected to participate in all relevant aspects of clinical governance, including maintaining up to date protocols, guidelines and clinical audit, under the supervision of the other consultants in the unit.

8. Audit: The appointee will play a full role in clinical audit as a member of The Christie Medical Staff Committee.

Provisional Sessional Timetable for International Scholar in Medical Oncology

**Proposed Sessional Activities**

<table>
<thead>
<tr>
<th>CLINICAL</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Outpatients The Christie</td>
<td>4</td>
</tr>
<tr>
<td>Administration</td>
<td>1</td>
</tr>
<tr>
<td>Teaching</td>
<td>2</td>
</tr>
<tr>
<td>Research/Audit</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>10</td>
</tr>
</tbody>
</table>
A Sessional Activity is 4 hours
On call: there is no formal on-call commitment.

**PERSON SPECIFICATION**
**POST:** International Scholar (Medical Oncology)
**BASE:** The Christie, Withington, South Manchester

<table>
<thead>
<tr>
<th>REQUIREMENTS</th>
<th>ESSENTIAL</th>
<th>DESIRABLE</th>
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<tbody>
<tr>
<td><strong>HIGHER QUALIFICATIONS</strong></td>
<td>MBBS or equivalent</td>
<td>MRCP, or equivalent</td>
</tr>
<tr>
<td><strong>TRAINING AND EXPERIENCE</strong></td>
<td>Wide experience of acute and general medicine,</td>
<td>Experience in general oncology and management of critically ill patients</td>
</tr>
<tr>
<td></td>
<td>Experience in teaching undergraduates</td>
<td>Experience in teaching postgraduates</td>
</tr>
<tr>
<td><strong>ACADEMIC ACHIEVEMENTS</strong></td>
<td></td>
<td>Recent publications in peer-reviewed journals</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Evidence of productive ethical research relevant to oncology or acute medicine</td>
</tr>
<tr>
<td><strong>PERSONAL SKILLS</strong></td>
<td>Evidence of clinical leadership skills; excellent written and oral communication skills; flexibility, commitment and team work with colleagues and staff in the department; ability to work under pressure; capacity for staff motivation.</td>
<td></td>
</tr>
<tr>
<td><strong>PERSONAL CIRCUMSTANCES</strong></td>
<td>Occupational Health Clearance</td>
<td>Enhanced CRB Clearance</td>
</tr>
</tbody>
</table>
3. Terms and Conditions of Service

PAY
The post holder will be paid a salary of £40,000 over the 12 month period.

CONFIDENTIALITY
The post-holder must maintain the confidentiality of information about patients, staff and other health service business.

HEALTH AND SAFETY
Employees must be aware of the responsibilities placed on them under the Health & Safety at Work Act (1974), to ensure that the agreed safety procedures are carried out to maintain a safe environment for employees.

RISK MANAGEMENT
All staff have a responsibility to report all clinical and non-clinical accidents or incidents promptly and when requested to co-operate with any investigation undertaken.

EQUAL OPPORTUNITIES
The Trust has adopted an equal opportunities policy and it is the duty of every employee to comply with the detail and spirit of the policy.

CONFLICT OF INTEREST
The Trust is responsible for the service for the patients in its care meets the highest standards. Equally, it is responsible for ensuring that staff do not abuse their official position to gain or to benefit their family or friends.

The Trust’s standing orders require any officer to declare any interest, direct or indirect with contracts involving the Trust. Staff are not allowed to further their private interest in the course of their NHS duties.

NO SMOKING
The Trust operates a no smoking policy. Anyone who wishes to smoke may do so only in one of the designated smoking areas at a time agreed with their line manager.

MEDICAL EXAMINATION
All appointments with Christie NHS Trust are subject to re-employment health screening.

CAR PARKING/TRANSPORT
Car parks for staff are available; however there is a high demand and a space cannot be guaranteed.
Application Process
All applications should be made through NHS Jobs.

INFECTION CONTROL

Healthcare workers have an overriding duty of care to patients and are expected to comply fully with the best practice standards. You have a responsibility to comply with Trust policies for personal and patient safety and for prevention of healthcare-associated infection (HCAI); this includes a requirement for rigorous and consistent compliance with Trust policies for hand hygiene, use of personal protective equipment and safe disposal of sharps. Knowledge, skills and behaviour in the workplace should reflect this; at annual appraisal you will be asked about application of practice measures known to be effective in reducing HCAI.

4. Making an application

All applications for both these opportunities should be made through NHS Jobs. The links to individual positions are below.

International Scholar (Clinical Oncology)
http://www.jobs.nhs.uk/xi/vacancy/8f8cdbdd34f6255c84350cc54a1f9f1e/?vac_ref=913564398

International Scholar (Medical Oncology)
http://www.jobs.nhs.uk/xi/vacancy/cbac776a6b32c369def1d0449f471a41/?vac_ref=913564399

Closing date: 19 November 2014
Please note that all applications must be submitted by this date. Applications cannot be accepted after this time.