



Job Description

Junior Group Leader in Radiation Oncology / Biology

Grade: 8

Location: London



Reports to

CRUK City of London Centre Director

Context

Cancer Research UK (CRUK) have awarded funding to the CRUK City of London Centre to create the CRUK RadNet City of London Radiation Research Unit (RRU). As part of a larger CRUK network called RadNet, the unit will feature an ambitious research programme aimed to accelerate the development of advanced radiotherapy techniques and unlock the full potential of this mainstay treatment through world-first exploratory radiation biology and radiation oncology research.

The CRUK City of London Centre is a world-class hub for cancer biotherapeutics. It brings together researchers from four central London centres: University College London, King's College London, Barts / Queen Mary University of London and the Francis Crick Institute, two Academic Health Science Partnerships (UCLP and KHP) and >£1bn of academic and clinical infrastructure for the advancement of radiotherapy. This unique interdisciplinary and collaborative network will generate novel innovative therapies, diagnostics and stratification strategies in addition to providing a clinical and translational pipeline for cancer discovery science.

The CRUK RadNet City of London RRU will include:

- The mechanisms of radiation resistance, including cancer evolution and cancer stem cells.
- How the tumour microenvironment and immune system affect the response to radiotherapy.

- Advanced radiotherapy techniques, such as proton beam therapy and stereotactic radiotherapy, which uses multiple beams of radiation that converge on the tumour.
- Personalising radiotherapy using artificial intelligence and improved tumour imaging.
- Radiotherapy for children and young people's cancers.

The London partners will also work closely with University College London Hospitals NHS Foundation Trust, Guy's and St Thomas' NHS Foundation Trust and Barts Health NHS Trust.

Main purpose of the job

The RadNet CoL has a radiation biology/oncology junior group leadership role available for candidates with an outstanding track record relevant to the CRUK RadNet City of London strategy.

This is an ideal opportunity for the successful candidate to lead and develop an ambitious radiotherapy research programme embedded within a truly world class environment of cancer research and clinical infrastructure.

There is potential for the position to be held at UCL, KCL or QMUL, as one of the CRUK City of London Centre partner universities.

Funding can be allocated to help build a team according to the experience of the candidate.

Application closing date: Sunday 4 July 2021

If you have any questions about this vacancy, please contact CRUK RadNet City of London Director Simon Boulton (simon.boulton@crick.ac.uk) and Clinical Lead Maria Hawkins (m.hawkins@ucl.ac.uk).

If you have any questions about the application process, please contact Tracy Pearmain, Human Resources Officer, tracy.pearmain@ucl.ac.uk.

Duties and responsibilities

Key responsibilities and outcomes:

Research

- To undertake and develop an independent world-class research programme, including supervision of research staff and students, which contributes to the overall scientific mission of RadNet City of London.
- To obtain substantial external funding in order to support the postholder's research programme, research staff and PhD students, and to help develop RadNet City of London.
- Take responsibility for ensuring timely completion of milestone reports and adhere to grant review timelines and deadlines.
- Sustain a high quality and high impact publication record.
- Sustain a track record of significant influence in the discipline, whether in academia or in the appropriate private or public sectors.
- Contribute to peer review bodies/committees, professional organisations, learned societies, research councils etc.
- Develop and initiate research projects.
- To contribute to the national development of radiation oncology and/or biology.

Teaching

- Be responsible for practical work where applicable, and advise students on techniques.
- Contribute to the development of CPD and Leadership training.
- Contribute to the teaching of UCL students at various levels.

Management Responsibilities

- Mentor and supervise the work of others within the research team and lead on the development of skills and competence.
- Manage own research, teaching and administrative demands and those of more junior researchers.
- Monitor and ensure effective management of assets and budgets allocated as part of the role.
- To ensure appropriate representation and processes in place with respect to ensuring Health and Safety obligations.
- Plan for the use of research resources, laboratories and workshops as appropriate.

Internal and External Relationships

- To maintain existing and develop new collaborations in the UK and internationally for CRUK RadNet City of London.
- Participate in and develop external networks, for example to identify sources of funding, generate income, obtain consultancy projects, or build relationships for future research activities.
- To lead on knowledge exchange activities, both related to the candidate's own research programme and in relation to wider radiation oncology/biology research.

This job description reflects the present requirements of the post, and as duties and responsibilities change/develop, the job description will be reviewed and be subject to amendment in consultation with the post holder.

Person Specification

Criteria	Essential or Desirable	Assessment method (Application/Interview)
Qualifications, experience and knowledge		
PhD or evidence of an equivalent level of attainment in research publications	E	Application/Interview
Track record of extensive publications in high quality peer-reviewed scientific and/or clinical journals	E	Application/Interview
Active research profile at internationally leading level with a continuing track record of external research grant funding	E	Application/Interview
High level of skill, experience and leadership in radiation oncology and/or radiation biology research	E	Application/Interview
Experience of teaching and mentoring in radiation oncology and/or biology	E	Application/interview
Evidence of contributions to peer review bodies/committees, professional organisations, learned societies, government committees or Research Councils etc	E	Interview
An outstanding research profile with seminal contribution to knowledge or other outcomes appropriate to the discipline	E	Interview
Evidence of academic leadership and a proven ability to lead, develop and motivate colleagues	D	Interview
Skills and abilities		
Leadership and management – an inspirational leader with the ability to lead and motivate others.	D	Interview
Ability to secure grants/contracts independently or as a leader in a major project.	E	Interview
Ability to devise, advise on and manage research programmes	E	Interview
An established ability to communicate in writing and orally at the highest national and international levels.	E	Interview
Experience of developing research methodologies and devising models, approaches, critiques and methods.	E	Interview
Ability to effectively supervise research projects of PhD students.	E	Interview
Training in teaching methods and experience of teaching at undergraduate and postgraduate level	E	Interview
Ability to effectively manage resources; organise and prioritise workload, to delegate responsibility as appropriate and to supervise staff	E	Interview
Sensitivity to the need for full involvement of all staff/ students	E	Interview
Training in interview and selection skills	E	Interview

Criteria	Essential or Desirable	Assessment method (Application/Interview)
Computer literate and excellent communication skills/verbal and written; good command of written and spoken English	E	Interview
Personal attributes		
Excellent interpersonal skills	E	Interview
Ability to work as part of a multidisciplinary team, and collaborate with clinical researchers and basic scientists	E	Interview
The highest ethical and professional standards in research and education	E	Interview
Commitment to academic research	E	Interview
Highly self motivated and hard working	E	Interview
Commitment to continuous professional development	E	Interview

General Information

Please use these links to find out more about:

CRUK RadNet City of London: crukradnet.colcc.ac.uk

UCL Cancer Institute: ucl.ac.uk/cancer

UCL Dept. Medical Physics and Biomedical Engineering: ucl.ac.uk/medical-physics-biomedical-engineering

The Francis Crick Institute: crick.ac.uk

King's Comprehensive Cancer Centre: kcl.ac.uk/cancer

Barts Cancer Institute: bartscancer.london

Appendix 1

UCL Equal Opportunity Policy

UCL is committed to fostering a positive culture where all staff, students, and visitors can flourish, where none will feel compelled to conceal or play down elements of their identity for fear of being stigmatised. UCL aims to be a university where people are encouraged to be authentic and their unique perspective, experiences, and skills are seen as valuable assets. To view UCL Equality Policy Statement, please see:

ucl.ac.uk/human-resources/policies/2017/dec/equal-opportunities

Further Information;

If you are interested in finding more about any aspect of equality, diversity, and inclusion at UCL you can contact equalities@ucl.ac.uk

Departmental Equal Opportunity Liaison Officers (DEOLOs)

Most UCL departments have a DELO to assist with queries or concerns relating to equality, diversity and inclusion. To find your DEOLO please visit the DEOLO page on the UCL Equality, Diversity and Inclusion (EDI) website:

ucl.ac.uk/equality-diversity-inclusion

Equality Areas and Support for Students, Staff and Manager

ucl.ac.uk/equality-diversity-inclusion/equality-areas

Working at UCL

Jobs information and information for new starters ucl.ac.uk/human-resources/working-ucl

Wellbeing at UCL

Wellbeing at UCL is the five year wellbeing strategy for the whole UCL community (staff and students).

Please see: ucl.ac.uk/human-resources/health-wellbeing/wellbeingucl

Environmental Statement

The staff has the responsibility to carry out their duties in a resource efficient way and actively support UCL's sustainability Policy with the remit of their role:

ucl.ac.uk/greenucl/ucls-sustainability-policy