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**Job Description**

**Job Title: Senior Lecturer and Honorary Consultant in Cardiology (Heart Failure)**

**Faculty/Department** Hull York Medical School and Hull University Teaching Hospitals NHS Trust

**Reporting to:** Dr Angela Hoye, Reader in Cardiology

**Duration:** Continuing

**Job Family:** Clinical

**Pay Band:** Clinical Academic

**Benchmark Profile:** Senior Lecturer

**DBS Disclosure:** Yes – Adult

**Vacancy Reference: HY0407**

**BACKGROUND AND CONTEXT**

Hull York Medical School and Hull University Teaching Hospitals NHS Trust are seeking to recruit a Senior Lecturer and Honorary Consultant in Cardiology. Together the Medical School, the University of Hull and Hull University Teaching Hospitals NHS Trust have ambitious plans to develop research collaborations and ensure improvement in patient outcomes through creating high quality learning environments where enquiring clinicians can flourish and answer research questions of scientific and clinical relevance.

We are seeking to appoint a high-calibre academic clinician with a clear vision to lead their own programme of internationally excellent research in Cardiology. Most importantly we want our research to make a difference to practice and to patients in our region and beyond, and will seek to recruit an individual who shares this ambition.

We are seeking to appoint an individual who aligns to our values:

* Everyone Counts: We promote a culture of diversity, respect and aspiration, and empower everyone to realise their potential.
* Pursuing Excellence: We combine a pioneering approach with innovative methods to drive excellence in all we do.
* Socially Responsible: We are dedicated to public service and to improving lives within our communities.
* Collaborative: We work in partnership, recognising the strengths of others.

We value diversity and we are committed to recruiting and supporting staff and students from all sectors of society. The Hull York Medical School holds a Silver Athena SWAN award. We are committed to developing staff and actively encourage and support staff development opportunities.

**HULL YORK MEDICAL SCHOOL**

Hull York Medical School (HYMS) is the joint medical school of the Universities of Hull and York. We are one of the UK’s most exciting contemporary schools, delivering innovative and rigorous medical education and research. HYMS is an innovative and expanding medical school developing a growing reputation for its teaching and research.

Through unique partnerships with the Universities, regional NHS Trust providers, and primary/community healthcare providers, we offer exceptional medical education – centred on problem-based learning, clinical and communication skills and early and sustained clinical exposure. Our impact extends to research, with discovery and innovation at the heart of HYMS. This research is improving the lives of patients locally and impacting national and international health agendas, particularly in areas such as cancer research, palliative care, primary care, mental health, and global public health.

The area covered by the HYMS NHS partnership comprises Hull and the East Riding of Yorkshire, York and North Yorkshire, and Northern Lincolnshire, which together have a population of around 1.8 million. 17 NHS organisations make up the HYMS NHS partnership, within which there are over 600 consultants and 900 general practitioners.

HYMS’s innovative MB BS curriculum includes an enquiry-based approach to learning, early clinical experience, balanced teaching across all health sectors and a wide range of special interest learning opportunities. Our graduates are recognised as being very capable Foundation Doctors, many of whom stay locally and contribute to health care services in the region. HYMS also delivers a growing portfolio of postgraduate taught programmes including training for Physician Associates.

The undergraduate MB BS programme has several distinctive features, designed to make learning relevant and supportive:

* A balance of teaching delivery across primary and secondary care.
* Regular integrated clinical placements from the beginning of the course, delivered in a range of clinical settings and supported by early clinical and communication skills teaching at the university
* Clinician-led problem-based learning, supported by lectures, workshops, virtual learning, and student selected Scholarship and Special Interest Programmes (SSIPs).
* Structured, effective student support from peers, educational facilitators and clinical learning tutors.

**RESEARCH AT HULL YORK MEDICAL SCHOOL**

HYMS provides a focus for internationally competitive high quality biomedical, clinical and health services research working in collaboration with others in the Universities of Hull and York and the NHS, charitable sector and other health and social care organisations in North and East Yorkshire and Northern Lincolnshire.

HYMS’ academic and clinical researchers across Hull and York have a strong reputation for the quality and impact of their work. In REF 2021, over 85% of research across HYMS was assessed as world leading or internationally excellent and HYMS’ researchers currently account for 40% of research awards by value at the University of Hull. HYMS has ambitious plans for research growth in biomedical, applied health and clinical research at the University of Hull, in conjunction with other colleagues in the new Faculty of Health Sciences. Activity is targeted on specific important clinically relevant areas reflecting health and biomedical priorities, and existing strengths in the collaborative partners, to enhance opportunities for translational medicine and so impact on patient care and population health.

The main research centres and groups within HYMS are:

In Hull

* Centre for Clinical Sciences (imaging, respiratory medicine, cardiology, cancer, vascular research, diabetes, endocrinology and metabolism)
* Centre for Biomedical Sciences
* Institute for Clinical and Applied Health Research, incorporating
	+ Academy of Primary Care
	+ Cancer Awareness, Screening and Diagnostic Pathways Research Group
	+ Clinical Trials and Methods, which includes the Hull Health Trials Unit
	+ Wolfson Palliative Care Research Centre

In York

* Centre for Anatomical and Human Sciences
* Centre for Health and Population Studies (including the Mental Health and Addiction Research Group)
* Experimental Medicine and Biomedicine (including the Skin Research Centre)
* Health Professions Education Unit

More details of these research groups are available at <https://www.hyms.ac.uk/research/research-centres-and-groups>. This post will be based within the Centre for Clinical Sciences, but with close alignment to colleagues in the Institute for Clinical and Applied Health Research (ICAHR) and the Centre for Biomedicine.

*Clinical Academic Training*: In addition, we host the North & East Yorkshire and Northern Lincolnshire NIHR integrated clinical academic training (IAT) programme which has Academic Clinical Fellows and Clinical Lecturers a variety of specialties where HYMS has particular research strengths.

**CLINICAL SCIENCE AND CARDIOLOGY RESEARCH**

This post will be based in the Clinical Sciences Centre. <https://www.hyms.ac.uk/research/research-centres-and-groups/clinical-sciences-centre> The Centre brings together scientists, academic and clinical researchers and healthcare professionals from a range of disciplines to address some of the major challenges in clinical medicine. It is a partnership between Hull York Medical School and Hull University Teaching Hospitals NHS Trust; we work in collaboration – sharing knowledge and expertise and working with patients to understand the impact of disease on their daily lives – and developing new interventions and treatments to improve the diagnosis treatment and care of their conditions.

Healthcare is evolving rapidly in response to the fact that the population is growing, people are living longer and in light of evolving healthcare needs such as the increased prevalence of long-term health conditions and multimorbidity. In response, we are addressing some of the major challenges in clinical medicine including diabetes, cardiovascular disease, respiratory disease, vascular disease and associated therapies, and cancer. Hull has a tradition of research in cardiology, initiated by Professors John Cleland and Andrew Clark. We have continued to support academic cardiology trainees, and this post is an indication of our joint intention to support cardiology research in Hull.

**FACULTY OF HEALTH SCIENCES**

The Faculty of Health Sciences is a new and dynamic Faculty at the University of Hull comprising of five Schools: Hull York Medical School, School of Nursing and Midwifery, School of Psychology and Social Work, School of Paramedical, Perioperative and Advanced Practice, School of Sport, Exercise and Rehabilitation Sciences.

**DEPARTMENT OF CARDIOLOGY, HULL UNIVERSITY TEACHING HOSPITALS NHS TRUST**

We are a large tertiary centre providing acute and specialist services situated in Kingston-upon-Hull and the East Riding of Yorkshire. The cardiology department works across both hospital sites (Castle Hill Hospital and Hull Royal Infirmary) as well as having close links with North East Lincolnshire and Goole Hospitals Trust. We are looking for a dynamic individual with a commitment to supporting the regional heart failure service. The post will attract 10 PA’s divided between the University and HUTH. Clinical sessions will depend on the experience of the appointee but will include a minimum of two out-patient clinics per week. Candidates with appropriate expertise in invasive (diagnostic only) procedures or imaging can be accommodated. The on call ward cover is undertaken as “Consultant of the week” working at both Castle Hill Hospital and Hull Royal Infirmary (further details below). It is anticipated that the successful candidate would undertake no more than 6 weeks of ward cover per year.

The cardiology department is staffed with energetic, forward-looking cardiologists, and we’re looking for someone similar to join our team. You will work for HUTH in a purpose-built £28 million Heart Centre which includes 4 cardiac catheter labs equipped with GE Inova 2100 imaging systems, dedicated short stay and in-patient wards. The centre includes the cardiology outpatient and diagnostic departments, 3 cardiothoracic operating theatres and intensive care, high observation and cardiothoracic surgery beds. We receive invaluable support of our highly experienced set of cardiac physiologists across both trusts.

*Heart Failure* Our heart failure service provides world-renowned care and a long-running research programme into all aspects of the condition. The service is underpinned by a world-leading academic programme and has the world’s largest longitudinal epidemiological database of patients with heart failure with more than 30,000 patient-years of follow up. The service currently has 2 consultant cardiologists and is supported by 3 hospital-based heart failure specialist nurses and the active involvement of the community heart failure team. There are advanced plans to significantly enhance the nurse-led heart failure service. There is a track record of supervision of numerous MD and PhD students undertaking clinical research projects and there are close links with departments within the University such as the School of Sport, Exercise and Rehabilitation Sciences.

*Imaging.* Our imaging service provides a comprehensive service to include ECHO, stress ECHO, TOE, nuclear perfusion scans, CT and cardiac MRI. We have 7 echocardiography machines including 3D TTE and TOE. We use a Toshiba Prime 80 detector (160 slice) CT and a Toshiba Acquilion One Vision (320 detector) CT scanner. We also have access to a PET-CT. There is access to a 1.5T Philips Achieva and a GE 3T Discovery MR750 MRI scanner with cardiac coils and scanning software. Currently we perform approximately 800 cardiac nuclear perfusion scans, 800 stress ECHOs, 1500 cardiac CTs, and 900 cardiac MRI scans each year.

*Devices.* The device service is led by Dr Renjith Antony with the support of the three current electrophysiologists at HUTH. The full range of equipment for complex devices is available. On average, we implant over 700 devices including 200 complex devices per annum (including CRT and subcutaneous ICDs) and provide a regional lead extraction service.

*Electrophysiology*. We currently have 3 full time Consultants specialising in electrophysiology as well as a visiting EP Consultant from Scarborough. The team is supported by 7 specialized EP physiologists. To cope with increasing demand on the service, we have recently equipped a 2nd cardiac catheterization lab to be able to undertake EP procedures. There is a good case mix of simple RFA, AF ablations and complex atrial flutter and VT ablations.

*Intervention.* We are the 24/7 regional Heart Attack Centre for a catchment population of 1.2 million, performing 600 primary PCIs annually. In addition, we provide tertiary interventional cardiology services for Hull, East Riding of Yorkshire, North Lincolnshire and parts of North Yorkshire. We perform a total of 1600 PCIs a year, including complex angioplasties and a dedicated CTO program. We have the full range of interventional therapies to deliver excellent results, including IVUS (Boston Scientific and Volcano), OCT (St Jude), FFR/RFR/iFR (St Jude and Volcano), rotational atherectomy and Intravascular Lithotripsy (IVL). In March 2019 our TAVI service was commissioned and we have developed a successful multi-disciplinary service, currently performing about 50 cases per year with plans to expand this service to meet demand.

*Cardiac Surgery.* There are 6 consultant surgeons providing a full range of adult cardiac surgery (outside of transplant and ACHD). They have 3 purpose built theatres with modern facilities. Currently they perform more than 700 cardiac procedures annually.

**THE WORKING WEEK**

Your work program and timetable is flexible and can be modified to reflect your specialist interests and expertise. Ward work is carried out a week at a time, and involves ward work at Castle Hill Hospital as well as a commitment to general cardiology at Hull Royal Infirmary, supporting the acute medical services. Currently, most cardiology in-patients are based in Castle Hill Hospital including direct admission for patients with STEMI. However, there is also a smaller bed base at Hull Royal Infirmary, which is Hull’s acute hospital and site of A&E. The appointee will be expected to undertake ward weeks at both hospital sites and will also contribute to the general cardiology out of hours rota on a 1 in 9 basis. This includes weekend ward rounds and (low intensity) general cardiology cover.

Example timetable:

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|  | **AM** | **PM** |
| **Monday**  | Academic  | Academic |
| **Tuesday**  | Academic  | Academic |
| **Wednesday**  | Admin/Coronary MDT (1 hour) | Academic |
| **Thursday**  | ClinicValve MDT (1 Hour) | Clinic |
| **Friday**  | Specialist interest (eg imaging / cath lab / additional clinic) | EP MDT (1 hour)Heart failure MDT (1 hour)SPA (CME 0.5wte) |

The post will attract 10 PAs, subject to formal job-planning – further job planned PAs may be available depending on the requirements of the service and subject to formal job planning. The annualised ward on call is the equivalent of 6 weeks per year– split between Castle Hill Hospital and Hull Royal Infirmary. Ancillary PAs in the job plan gives a weekly total of 2 SPAs (incorporating 1.5 core SPAs (divided between HYMS and HUTH) and an additional 0.5 for educational supervision. Any additional work will be remunerated with additional pay or time off (for example, for additional weekend work). On appointment you will be appointed a mentor to support your integration into the post and to ensure your success.

The department has a well-established multi-disciplinary audit and governance structure where issues arising from incidents, complaints and risks within the specialty are reviewed regularly and lessons learnt acted upon. You will be an active member of the weekly Cardiology CME activities where cases are discussed; guidelines reviewed and relevant journal articles are discussed in support of your colleagues. You will be supported to attend and participate in regular internal departmental and Trust organised CPD training as well as appropriate external training where required to ensure you are best placed to keep your skills and knowledge in your field up to date.

You will be provided with secretarial support within the cardiology secretarial team and will have access to office provision, including the necessary IT facilities for you to undertake your role.

**THE TEAM**

You will join a team of 23 (including locum and honorary consultant) cardiology consultants, supported by a team of 6 consultant cardiac surgeons on the HUTH CHH site.

Consultant Cardiologists (HUTH):

*Heart failure* Dr Renjith Antony (and devices); Prof. Andrew Clark

*Interventionalists* Dr Ali Ali, Dr Raj Chelliah (Clinical lead for Intervention), Dr Benjamin Davison, Dr Angela Hoye (Clinical lead), Dr Joseph John, Dr Alexandros Kouloumpinis, Dr Manish Ramlall, Dr Simon Thackray (Clinical Director), Dr Jawad Ul-Qamar

*Imaging* Dr Dalia Ahmed (locum), Dr Matt Balerdi (part-time), Dr Thanjavur Bragadeesh, Dr Imran Sunderji

*EP and devices* Dr Jane Caldwell, Dr Neil Hobson, Dr Padmanabhan Shakkottai

Consultant Cardiologists (Joint posts between HUTH and NLAG): Dr Basem Enamy, Dr Harjinder Kaur, Dr Stelios Kastellanos, Dr Asif Muhammad, Dr Ali Naqvi (locum)

In addition, we have 9 Cardiology Specialist Registrars and 3 Trust Doctors. You will also work with our wider multidisciplinary team of nurses, nurse practitioners, cardiac physiologists and radiographers. The department also has 3 Advanced Clinical Practitioners (at various levels of training) who support the service. There are action plans to expand nurse led services especially for the sub specialties of Heart Failure and Chest Pain.

**THE POSITION**

The post holder will lead the further development, delivery, support and quality enhancement of Cardiology research for the Medical School and Hull University Teaching Hospitals NHS Trust. They will develop and lead their own programme of research, building on existing research in heart failure - clinical, applied and biomedical.

The post requires full professional registration and membership on the GMC specialist register and experience in the design, delivery and dissemination of clinical research.

The appointment will be made on a Teaching & Research contract. The post will be paid on the senior clinical academic scale and the post holder will have an honorary Consultant appointment with Hull University Hospitals NHS Trust.

**SPECIFIC DUTIES AND RESPONSIBILITIES OF THE POST**

The postholder is expected to advance cardiology research nationally and internationally and contribute to maintaining and developing further the University as an international centre of excellence for applied cancer research through research and publication, teaching, networking and consultancy.

**RESEARCH**

The post holder will:

* Contribute to the leadership and further development of cardiology research working across professional and disciplinary boundaries, within and beyond the School/University.
* Design, conduct, deliver and disseminate outstanding research.
* Lead cardiology research, with the capacity to attract external funding and sustain a strong publication record.
* Build and nurture a team of researchers with the ability to sustain a programme of research.
* Build collaborative partnerships with NHS and industry.
* Contribute fully to the School and the University.

**TEACHING**

The post holder will:

* Support existing and new teaching programmes by contributing actively to programme development and delivery.
* Attract and supervise research students, both national and international.
* Undertake pastoral support of students, as a personal supervisor or in another designated role

**LEADERSHIP/CITIZENSHIP**

The post holder will:

* Make an important contribution to the leadership and management of Medical School and Faculty, including supporting early career staff and developing new collaborative initiatives.
* Support the research and teaching careers of colleagues.
* Undertake specific HYMS roles and management and leadership functions as may be required by the Dean of HYMS or the Dean of the Faculty of Health Sciences.

**CLINICAL WORK**

The post holder will

* Be an effective honorary Consultant in Cardiology within Hull University Teaching Hospitals NHS Trust
* Carry out clinical duties as required within job plan as agreed.
* Contribute to the teaching and training of cardiology trainees.
* Adhere to the highest patient safety processes and professional requirements
* Contribute to leadership within the department and Trust as required.
* Be an effective role model, guide and mentor for medical students and clinical and academic trainees
* Maintain membership of their professional organisation.
* Maintain a commitment to professional development relating to their clinical duties, if relevant.
* Ensure compliance with annual appraisal and GMC/NHS revalidation, or equivalent for non-medical clinical professions. Participation in the NHS / University Joint Appraisal Scheme is a condition of employment for all medical academic staff. In accordance with the Follett Report recommendations participation in a joint appraisal arrangement will be agreed locally.

**THE PERSON**

**EDUCATION AND TRAINING**

The applicant must possess:

* PhD /MD
* MRCP
* A licence to practice medicine with the GMC

**WORK EXPERIENCE**

It is essential that the applicant can provide evidence of:

* A reputation nationally for research relevant to cardiology
* Excellence in teaching.

**SKILLS AND KNOWLEDGE**

The applicant must be able to demonstrate active contribution and influence in the following areas:

* Academic leadership and a proven ability to lead develop and motivate colleagues, working as part of a team to achieve departmental, faculty or University goals.
* Making a leading contribution to the formulation, monitoring, administration and review of departmental, faculty and University research related strategies.
* Extensive experience and demonstrated success in leading a team in effective delivery and working across professional groups and disciplines.

**PERSONAL ATTRIBUTES AND VALUES**

It is essential that the applicant can provide evidence of:

* Working in an open and transparent way, providing information and communicating effectively with colleagues.
* Collaborative working, particularly on interdisciplinary activities.
* Continuous Professional Development.
* Personal effectiveness, the ability to influence, inspire and motivate others in effecting change and to work in a challenging and complex environment.

It is desirable that the applicant can provide evidence of:

* A positive contribution to University activities and initiatives including open days, graduation ceremonies, widening participation initiatives etc. and willingness to undertake administrative activities

These are listed more fully below:

**Person Specification**

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| **Education and training** |  |
| Primary clinical qualification and inclusion on the specialist register with Licence to Practise. | Essential |
| MRCP | Essential |
| PhD/MD  | Essential |
| Evidence of annual appraisal and commitment to revalidation | Essential |
| **Work experience** |  |
| Evidence of success in winning research grants | Essential |
| A good publication record in leading peer-reviewed journals | Essential |
| Presentations at national conferences | Essential |
| Experience of developing and managing relationships with external partners to develop and deliver research  | Essential |
| Successful career development and management of professional staff and early career researchers | Essential |
| Attraction and effective supervision of postgraduate research students | Essential |
| Effective and committed teacher at undergraduate and postgraduate levels | Essential |
| **Skills and Knowledge** |  |
| Outstanding knowledge of cardiology | Essential |
| Evidence of strong analytical skills | Essential |
| Ability to initiate, develop and maintain collaborations  | Essential |
| Ability to communicate with and influence the NHS and industrial partners  | Essential |
| **Personal attributes and values** |  |
| Demonstrates alignment with the values of the Hull York Medical school  | Essential |
| Evidence of a commitment to harnessing the skills of the staff and students in developing strong research at all levels | Essential |
| Commitment to promoting diversity and equal opportunities in the workplace | Essential |
| Evidence of a collaborative approach to research and education (e.g. cross-disciplinary, cross professional, cross-departmental) | Essential |
| A positive contribution to University activities and initiatives including open days, graduation ceremonies, widening participation initiatives etc. and willingness to undertake administrative activities.  | Desirable |