



Oxford University Hospitals

NHS Foundation Trust

**Senior Clinical Fellow in Paediatric Critical Care with
Digital Innovation in Paediatric Critical Care**
(ST5 level and above Equivalent)

**Post of Senior Clinical Fellow in Paediatric Critical Care and Digital Innovation
(Equivalent to ST5 level and above)**

Applications are invited to apply for the above post as Clinical Fellows in Paediatric Critical Care (PCC) at the Children's Hospital Oxford and Digital Innovation with TheHill, .

Candidates are invited to contact Dr Helen Turnham at Oxford University Hospital (OUH) PCC.

The following papers are attached:

- Advertisement
- Job Description
- Person Specification

1. ADVERTISEMENT WORDING

OXFORD UNIVERSITY HOSPITAL NHS FOUNDATION TRUST

The Paediatric Critical Care (PCC) departments at Oxford University Hospital (OUH), Oxford, UK invite applications for Paediatric Critical Care and Digital Innovations Fellowship.

Clinical Fellow (ST5-ST8) posts in Paediatric Intensive Care and Digital Innovation in Paediatrics

Posts commencing from August / Sept 2024

Fixed Term posts lasting 12 months

We are pleased to offer a 12 months fellowship scheme at Oxford University Hospitals Paediatric Critical Care and The Hill and will include work across both services. This fellowship is aimed at clinician with considerable experience in Paediatrics with some experience in Paediatric Critical care medicine who has an interest in Digital Innovation in Paediatrics.

The successful applicant will work as a fellow in Paediatric critical care, with allocation to TheHill digital innovation team.

The successful applicant will work under the supervision of a team of consultants in the Paediatric Critical Care Medicine and senior members of TheHill innovation team. It is also expected that a successful applicant will take part in an agreed project strengthening the link between OUH PCC and The Hill.

Paediatric Critical Care, Oxford University Hospital

The Paediatric Critical Care (PCC) unit provides intensive and high dependency care to the local population and children of Oxfordshire, Berkshire and Buckinghamshire as well as further afield. It comprises an eight-bedded Intensive Care Area and an adjacent eight-bedded High Dependency ward. The OUH is a major trauma centre and supports a number of medical and surgical specialities including Infectious Diseases, Respiratory medicine, Cardiology, Neurology, Endocrinology and Gastroenterology, Paediatric surgery, Neurosurgery, craniofacial surgery and Orthopaedic surgery.

The department is run by the Consultant of the week, one of eight Paediatric Critical Care consultants with either a Paediatric or Anaesthetic background. The Consultant is a strong presence on the unit and provides a continuous high level of training and supervision. The department is staffed with 16 trainees at ST6-7 level with a background in Paediatrics and Neonatology or Anaesthetics and adult Intensive Care Medicine.

Paediatric Intensive Care retrievals from the Oxford region are managed on a 24-hour basis jointly with Southampton General Hospital under the umbrella of the Southampton Oxford Retrieval Team (SORT). SORT provides support to over 15 District General Hospitals in the combined South Central Region. Successful applicants will work both on the shop floor and as part of the retrieval service.

The PCC is nationally recognised for grid & SPIN training in paediatric critical care medicine with the RCPCH and GMC.

The Hill

The Hill is the digital innovation team at Oxford University Hospitals, and a digital transformation catalyst in the wider ecosystem. We support the adoption of new technologies and ways of working into the NHS in three ways:

1. We work directly with innovators who have ideas or new technologies, helping them to shape these to the needs of the service, generate the right evidence and interact with NHS procurement systems;
2. We work with clinical and non-clinical staff at the front line, to understand needs, develop enthusiasm for innovation, improve digital skills and foster a culture of innovation;
3. We engage a broad network of partners locally, regionally and internationally to create a digital health ecosystem and together bring about the digital transformation of health and care.

The Innovation Fellow will be supported through our clinical engagement work, which also includes the Digital Innovation Ambassadors, a programme aimed at championing a positive culture of innovation, building a community of forward-thinking clinicians and healthcare professionals, and facilitating the adoption of digital innovation solutions into the OUH Trust. We support our Ambassadors by providing opportunities for networking, interactive learning sessions, technology testing, resource sharing and needs analysis, reflection for improvement.

Applicants must be registered with the General Medical Council and be in their ST5-ST8 year of training in Paediatrics

For Further Details/Information, please contact:

Dr Helen Turnham on Helen.Turnham@ouh.nhs.uk

2. JOB DESCRIPTION

JOB TITLE:	Clinical Fellow posts in Paediatric Intensive Care with Digital Innovation in Paediatrics
GRADE:	Equivalent to ST5 and above
DEPARTMENT:	Paediatric Critical Care at OUH and The Hill
TYPE OF CONTRACT	Fixed term 12 months post
HOURS PER WEEK	40 basic hours plus on call commitment equating to a maximum of 48 hours per week on average
LOCATION	Oxford University Hospitals NHS Trust

OVERVIEW:

We are pleased to offer a 12 months fellowship scheme at Oxford University Hospitals Paediatric Critical Care and The Hill that will include work across both services. This fellowship is aimed at clinician with considerable experience in Paediatrics.

The successful applicant will work under the supervision of a team of consultants in the Paediatric Critical Care Medicine and The Hill Clinical Engagement Manager. It is expected that a structured project will be completed related to digital innovation in paediatric critical care. The project will be developed in collaboration with Fellowship supervisors, with the successful applicant leading on project delivery. The project will be expected to be substantially delivered within the time period of the Fellowship, and submitted for dissemination at Trust, regional and/or national level. The project will include the piloting and adoption of a new technology within paediatric critical care.

Summary of the Role's Main Purpose:

1. Senior fellow in paediatric critical care, developing knowledge and skills to care for critically ill children in the Thames Valley area.
2. Progress to undertake independent retrievals of critically ill children as part of the Oxford-SORT team.
3. Development of a culture of innovation in PCC by
 - a. Listening exercises with colleagues in PCC and needs analysis for paediatric critical care
 - b. Supporting innovative activities in paediatrics including a potential Ambassadors Special Interest Group for paediatric innovation
 - c. Promotion of opportunities for innovation and engagement with a wider ecosystem, including being the first point of contact for new innovations being proposed in paediatrics
 - d. Participation in TheHill Digital Innovation Ambassadors programme of events and
4. Develop the use of remote monitoring to reduce acute admissions to hospital for children and young people who depend upon technology for survival. The project will be developed in collaboration with Fellowship supervisors, with the successful applicant leading on project delivery. The project will be expected to be substantially delivered within the time

period of the Fellowship, and submitted for dissemination at Trust, regional and/or national level.

5. Personal development and networking, through participation in TheHill activities and events, and training in innovation methodologies.
6. Alongside their own project portfolio successful applicants will be expected to engage with other fellows in different disciplines and the wider innovation community. This activity and development of the fellow's personal network will be supported by The Hill digital innovation team. Dedicated opportunities to participate in other departmental, divisional and executive processes will be available and encouraged. Support will be given from the consultant body as well as from key leaders within the Trust.

PRINCIPAL ACTIVITIES:

OUH offers this role as an Out of Programme opportunity for advanced training that is complementary to existing specialist curricula. The successful trainee would leave their specialist training programme for the duration of the role (1 year minimum).

The post is full time with additional scheduled hours of work (on call banding).

The Fellowship would suit an individual committed to developing new ways to improve the delivery of healthcare for children who depend upon technology.

The successful applicant will work as a senior fellow in Paediatric Critical Care and SORT Oxford. They will have dedicated time to develop a digital innovation project.

PAEDIATRIC CRITICAL CARE

The Paediatric Critical Care (PCC) unit provides intensive and high dependency care to the local population and children of Oxfordshire, Berkshire and Buckinghamshire as well as further afield. It comprises an eight-bedded Intensive Care Area and an adjacent eight-bedded High Dependency ward. OUH is a major trauma centre and supports a number of medical and surgical specialities including Infectious Diseases, Respiratory medicine, Cardiology, Neurology, Endocrinology and Gastroenterology, Paediatric surgery, Neurosurgery, craniofacial surgery and Orthopaedic surgery.

The department is run by the Consultant of the week. The Consultant is a strong presence on the unit and provides a continuous high level of training and supervision. There are twice daily consultant led ward rounds. The department is staffed with 16 trainees at ST6-7 level with a background in Paediatrics and Neonatology or Anaesthetics and adult Intensive Care Medicine.

Innovation:

The Fellow will receive training in using Human Centred Design principles to develop solutions. It is anticipated that several opportunities will be explored during the Fellowship with a primary project to developing remote monitoring service for children who depend upon technology, to reduce acute re- admissions to paediatric critical care.

The successful candidate may also bring their own innovation(s) to the programme, as long as they improve the delivery of care to critically ill children, and support the implementation of new technologies for children.

Appraisal and Assessment

The post-holder will be assigned a Clinical Supervisor and will be expected to maintain a personal development folder.

Risk Management

The management of risk is the responsibility of everyone and will be achieved within a progressive, honest and open environment.

Staff will be provided with the necessary education, training and support to enable them to meet this responsibility.

Staff should be familiar with the:

- Major Incident Policy
- Fire Policy

and should make themselves familiar with the 'local response' plan and **their** role within that response.

Responsibilities for Health & Safety

The post holder is responsible for ensuring that all duties and responsibilities of this post are carried out in compliance with the Health & Safety at Work Act 1974, Statutory Regulations and Trust Policies and Procedures. This will be supported by the provision of training and specialist advice where required.

Infection Control

Infection Control is everyone's responsibility. All staff, both clinical and non clinical, are required to adhere to the Trusts' Infection Prevention and Control Policies and make every effort to maintain high standards of infection control at all times thereby reducing the burden of Healthcare Associated Infections.

All staff employed by the Trust have the following key responsibilities:

- Staff must decontaminate their hands prior to and after direct patient contact or contact with the patient's surroundings.
- Staff members have a duty to attend mandatory infection control training provided for them by the Trust.
- Staff members who develop an infection (other than common colds and illness) that may be transmittable to patients have a duty to contact Occupational Health.

Equality and Diversity

The OUH values equality and diversity in employment and in the services we provide. We are committed to promoting equality and diversity in employment and will keep under review our policies and procedures to ensure that the job related needs of all staff working in the Trust are recognised.

The Trust will aim to ensure that all job applicants, employees or clients are treated fairly and valued equally regardless of sex, marital status, domestic circumstances, age, race, colour, disablement, ethnic or national origin, social background or employment status, sexual orientation, religion, beliefs, HIV status, gender reassignment, political affiliation or trade union membership. Selection for training and development and promotion will be based on the individual's ability to meet the requirements of the job.

Freedom of Information

The post holder should be aware of the responsibility placed on employees under the Freedom of Information Act 2000 and is responsible for helping to ensure that the Trust complies with the Act when handling or dealing with any information relating to Trust activity.

Patient and Public Involvement

The Trust is committed to, and has a statutory duty to involve service users, carers and the public in the work of the organisation. We consider that patient and public involvement is the responsibility of every individual working for our Trust. All staff have a responsibility to listen to the views of patients and to contribute to service improvements based on patient feedback. You will be expected to support the Trust with this through your working practice.

Serious Incidents

All staff must report incidents and near misses so that the Trust can reduce the risk of harm by investigating and incorporating risk reducing measures to safe guard patients, visitors and staff, in accordance with the Trust Incident Reporting Policy.

Children's Rights

The post holder will endeavour at all times to uphold the rights of children and young people in accordance with the UN Convention Rights of the Child.

Safeguarding Children and Vulnerable Adults

The Trust is committed to safeguarding children and vulnerable adults throughout the organisation. As a member of the trust there is a duty to assist in protecting patients and their families from any form of harm when they are vulnerable.

Information Governance

You must maintain a Trust email account. All staff must complete annual information governance training, which can be completed on-line. For further details, go to the Information Governance intranet site: <http://orh.oxnet.nhs.uk/InformationGovernance/Pages/Default.aspx>

General

The post-holder will assume a continuing responsibility for the care of patients in his/her charge and the proper functioning of his/her department.

The post-holder must take reasonable care of his/her own health and safety and any other personnel who may be affected by his/her omission. Trust policies and regulations must be followed at all times.

7. PERSON SPECIFICATION

Post: Senior Clinical Fellow in Paediatric Critical Care and Digital Innovation
Job reference:

Requirements	Essential	Desirable
Qualifications/Training		
Professional qualifications	MBBS or equivalent	Higher medical degree
Professional training	Full GMC registration	MRCPCCH or FICM or equivalent
Experience		
	A minimum of 4 years training in paediatrics / ICM / Anaesthesia	Previous paediatric intensive care experience
	A minimum of two years at a registrar level	
	A minimum of 6 months in Paediatric Critical Care Medicine	
	Experience of teaching and presenting	Organisational design and/or change Stakeholder engagement
	Experience of audit activities	Innovation and/or quality improvement projects
Skills and Knowledge		
Communication and interpersonal skills	Good spoken and written English. Highly developed communication and interpersonal skills.	
Prioritising	Ability to organise and prioritise own workload Ability to prioritise clinical needs	
Leadership skills	Excellent leadership skills.	
	Competent with basic IT platforms including Office 365 (word, excel, PowerPoint etc.)	
		Understands current themes in digital technology and healthtech (AI, XR, remote monitoring etc.)
		Knowledge of Human Centred Design principles
		Evidence of entrepreneurship or innovation within or outside medicine
Team work	Ability to work under pressure in a multi-disciplinary environment	
Personal Characteristics	Adaptable Able to work within multidisciplinary teams	

Oxford University Hospitals

	Able to prioritise and manage time effectively	
	Able to work under pressure	

On Call work

Fellow shifts are 13 hours long – Day shifts are 8am until 9pm and night shifts are 8pm until 9am. The post holder will undertake their on call commitments either as night shifts during the week or as either day or night shifts during weekends.