

## Fellowship Role Description

Role	Fellow in Clinical Artificial Intelligence
Application deadline	20 December 2023, 23:59 GMT
Application link	<a href="https://forms.microsoft.com/e/9zM9ZVbmpu">https://forms.microsoft.com/e/9zM9ZVbmpu</a>
Time commitment	0.4 Full Time Equivalent unbanded, i.e. 2 days (16hrs) per week  This fellowship is intended to integrate alongside clinical work or training. Partial remote working and flexible hours may be possible depending on project.
Reimbursement	Fellow's Employer is reimbursed 0.4FTE unbanded salary
Dates	August 2024 – August 2025 (12 months)
Site	Varies, see below
Number of posts	Varies, see below
Contact	<a href="mailto:ai4vbh@kcl.ac.uk">ai4vbh@kcl.ac.uk</a>

## Description

We invite applications for Cohort 3 of the Fellowship in Clinical Artificial Intelligence. We seek energetic and smart UK clinicians who want to develop expertise in clinical Artificial Intelligence (AI) in an integrated pathway alongside their work or training. Fellows will implement groundbreaking work in the use of state-of-the-art AI software in live hospital environments.

Fellows are attached to a clinical AI project at an NHS Trust for 12 months. This will involve the safe deployment, maintenance, and evaluation clinical AI software in a live clinical workflow. Fellows are supervised in their post by a supervisor in clinical AI. Fellows are supported to present and publish findings from work in this post, which may include clinical trials and quality improvement projects in the deployment of AI.

Fellows gain skills and knowledge relevant to the life cycle of healthcare AI from a programme of teaching aligned with the Clinical AI Curriculum developed by the faculty. This includes bespoke live masterclass workshops and self-paced remote learning.

## Eligibility

Each of the following 4 criteria must be met to be eligible:

### Criterion 1: Professional registration

Valid registration number with one of the following regulatory bodies:

- General Dental Council
- General Medical Council
- General Osteopathic Council
- General Pharmaceutical Council
- Health and Care Professions Council
- Nursing and Midwifery Council

### Criterion 2: Career stage

AHPs, nursing & midwifery, and pharmacy professionals:

- Employed at NHS Pay Scale Band 7, Band 8a, or Band 8b

Medicine and Dentistry:

- Hold a National Training Number in a UK medical or dental specialty training post leading directly to Certificate of Completion of Training (CCT) for the duration of the fellowship
  - Applicants in East of England region must in addition be at least ST3, or GPVTS ST2.
- Trainees in post-CCT training posts are eligible if they hold a National Training Number

### Criterion 3: Geographical region

AHPs, nursing & midwifery, and pharmacy professionals:

- Employed in an NHS Trust in one of the eligible regions in the table below
- Lists of NHS Trusts within each region are available from NHS England here: [www.england.nhs.uk/system-and-organisational-oversight/system-directory](http://www.england.nhs.uk/system-and-organisational-oversight/system-directory)
  - Note the South East has listings with slightly different nomenclature:
    - Kent Surrey Sussex = "Kent and Medway", "Surrey Heartlands", "Sussex"
    - Thames Valley = "Buckinghamshire, Oxfordshire and Berkshire West", "Frimley"
    - Wessex = "Hampshire and the Isle of Wight"

Medicine and Dentistry:

- National Training Number in one of the eligible regions in the table below

Region		Workforce group eligibility		
		Doctor	Nurse & Midwife, AHP, Pharmacy	Dentist
England	East of England	✓	✗	✗
	London	✓	✓	✓
	Midlands	✓	✓	✓
	South East	Kent Surrey Sussex	✓	✓
		Thames Valley	✓	✓
		Wessex	✗	✗
	South West	✓	✓	✗
Scotland		✓	✗	✗
Wales		✓	✗	✗
British Society for Haematology*		✓	✓	✗

\*BSH members from any NHS region may apply for BSH-badged projects in any NHS region with evidence of a feasible commute.

*Note from faculty: Workforce and geographical eligibility are not decided by the faculty of this fellowship. This is decided at a regional level by regional funding bodies, and this is not a uniform process across the UK. If you wished to apply this cohort but were ineligible, please email the fellowship faculty so that we can identify priority areas for recruitment in future cohorts (ai4vbh@kcl.ac.uk).*

#### Criterion 4: Approval in principle for Less Than Full Time training or employment

AHPs, nursing & midwifery, and pharmacy professionals:

- “Approval In Principle” form submitted by Line Manager for Less Than Full Time work during the fellowship
  - Approval In Principle form: <https://forms.microsoft.com/e/d2hw4wyayR>

Medicine and Dentistry:

- “Approval In Principle” form submitted by educational supervisor and Training Programme Director for Less Than Full Time training during the fellowship
  - Approval In Principle form: <https://forms.microsoft.com/e/d2hw4wyayR>

## Person Specification

### Essential:

- Communicates effectively with key stakeholders in clinical AI including: hospital management, patients, clinicians, regulatory bodies, and software developers
- Works energetically as a vital member of an agile multidisciplinary team including data scientists, medical physicists, IT, health economists, and clinicians
- Has advanced ICT proficiency (e.g. using advanced functions in Office applications), and the ability to rapidly learn new skills and solve technical problems

### Desirable

- Experience in quality improvement projects, clinical trials, statistical analysis
- Experience in digital transformation, clinical informatics (DICOM, HL7, etc)
- Experience in programming, coding, mathematics

## Project and Posts

AI projects available in each region will be released on the recruitment website during the recruitment cycle. Project lists are illustrative and not final, and projects may be added, removed, or modified without notice. A final list will be provided to applicants upon reaching the stage of ranking their project preferences.

The number of posts listed below is illustrative and not final:

Region		Posts
England	East of England	2
	London	8
	Midlands	2
	South East	Kent Surrey Sussex
		Thames Valley
		Wessex
	South West	4
Scotland		2
Wales		2
British Society for Haematology		2

## Important Dates

08 Nov 2023: Applications open <https://forms.microsoft.com/e/9zM9ZVbmpu>

22 Nov 2023: Applicant webinar <https://tinyurl.com/2u6zzymy>

20 Dec 2023: Application deadline

22 Jan 2024: Week of remote interviews

Feb 2024: Interview outcomes and project matching

Aug 2024: Fellowship Cohort 3 begins