



Health Education England

Role	Fellow in Clinical Artificial Intelligence
Application deadline	2359 GMT Sunday 30 January 2022
Working pattern	0.4 Full Time Equivalent (2 days / week - flexible) Posts have the option of partial remote working
Number of posts	8
Pay Band	Specialty Registrar, unbanded: with London weighting: £20,872 gross pay without London weighting: £20,007 gross pay
Term	12 months
Start Date	May 2022
Site	See below for list of NHS Trusts
Description	
<p>We invite applications for the UK's first Fellowships in Clinical Artificial Intelligence in 2022.</p> <p>The London AI Centre is seeking energetic and smart UK medical trainees who want to develop expertise in Clinical Artificial Intelligence (AI) in an integrated pathway alongside their specialty training. You will implement groundbreaking work in the use of state-of-the-art AI software in live hospital environments.</p> <p>Applicants must hold a specialty training post within the London region or Kent Surrey Sussex region. There are no specialty restrictions for this fellowship. These fellowships are funded and supported by Health Education England.</p> <p>A Q&A webinar about this fellowship will take place at Wednesday 19 January 2022 1800 GMT. Register here.</p> <p>Background</p> <p>The AI Deployment Engine ('AIDE') is the software and hardware infrastructure that is mission-critical to the delivery of AI software for routine clinical use in hospitals. It allows AI software to safely access live clinical data streams, resulting in near-real-time AI analysis of a</p>	

range of modalities (e.g. imaging via the PACS system). AI algorithms planned for deployment with the AI Deployment Engine span many clinical specialties.

Fellows will be attached to an NHS Trust for the duration of 12 months during the rollout period of the AI Deployment Engine at the Trust. You will work with local and regional organisations to safely deploy, maintain, and evaluate clinical AI software in a live hospital environment.

Person specification

- Essential:
 - You must be enrolled in a UK medical specialty training programme (leading to CCT) in the London region or Kent Surrey Sussex region at grade ST3 or above for the duration of the post. GPVTS trainees may apply at grade ST2.
 - You must have the approval of your supervisor and training programme director to take up the post (please discuss with us directly and early if problems are anticipated)
 - If you are a trainee in Clinical Radiology, you will typically be expected to have already passed the FRCR Part 2A exam
 - You must have advanced ICT proficiency (e.g. using advanced functions in Excel, Word, Powerpoint & Outlook) and the ability to rapidly learn new skills and solve technical problems
 - You must work energetically as a vital member of an agile multidisciplinary team including AI specialists, medical physicists, IT, health economists, and clinicians
 - You must communicate effectively with key stakeholders in clinical AI including: hospital management, patients, clinicians, regulatory bodies, and software developers
- Desirable
 - Experience in quality improvement projects, clinical trials, statistical analysis
 - Experience in programming, coding, mathematics (e.g. A Level)

Curriculum

During this post you will be enrolled in the Clinical Artificial Intelligence Curriculum from the London AI Centre. You will gain skills and knowledge through a combination of immersive AI project work, self-paced remote learning, and a didactic taught course- King's College London's Artificial Intelligence & Data Science Training Programme. You will be supervised in your post by the local Trust lead in Clinical AI. You will be supported to present and publish your findings from your work in this post, which may include clinical trials and quality improvement projects in the deployment of AI. As a member of the Cohort 1, your educational outcomes and experiences will be assessed in collaboration with Health Education England's [DART-Ed](#) section.

This fellowship is "Out Of Programme" for your medical specialty training. By default it will be an Out Of Programme Experience (OOPE) that does not count towards your clinical training. It may be possible for this fellowship to count towards your clinical training as an Out Of Programme Training (OOPT) post if this is approved prospectively, depending on your specialty's curriculum.

A Q&A webinar about this fellowship will take place at 1800 GMT Wednesday 19 January 2022. Register [here](#).

Sites

The following NHS Trusts will host fellows in this cohort (2022-23). Recruitment to posts is geographically restricted as listed:

London region trainees only:

- Guy's and St Thomas's NHS Foundation Trust
- Imperial College Healthcare NHS Trust
- King's College Hospital NHS Foundation Trust
- University College London Hospitals NHS Foundation Trust

Kent Surrey Sussex region trainees only:

- East Kent Hospitals University NHS Foundation Trust

You do not need to have an existing affiliation to these Trusts to apply for this fellowship but you do need to hold a training post in the appropriate region. You will hold a contract with the Trust for the duration of your fellowship. Remote working may be possible for some of your activities, but on-site presence will also be necessary.

Sites will be assigned to successful candidates based on application ranking and applicant preferences. You will submit your preferences on invitation to interview.

How to apply

1. Submit your application form before 2359 GMT on Sunday 30 January 2022: Apply [here](#).

Important dates

10 January 2022: Applications open

19 January 2022: Q&A Webinar: [link here](#)

30 January 2022: Application deadline

31 January 2022: Shortlisting for interview this week

07 February 2022: Remote interviews this week

14 February 2022: Successful applicants informed and assigned to trusts this week

May 2022: Fellowship begins

Contact for any questions: ai4vvh@kcl.ac.uk