

NHS Fellowship in Clinical AI Supervisor Onboarding Webinar: Cohort 4

Equipping healthcare leaders to adopt clinical artificial intelligence

Faculty



Fellowship in Clinical AI
NHS Digital Academy Programme



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Agenda

1. Introduction
2. Fellowship structure
3. Supervisors: Roles & Responsibilities
4. Fellows: Roles & Responsibilities
5. Troubleshooting & Communication

Introduction to the Fellowship

UK National Workforce Strategy for clinical AI

The Topol Review

Preparing the healthcare workforce
to deliver the digital future

The Digital Medicine and AI & Robotics Panels recommend:

- The NHS should create or increase the numbers of clinician, scientist, technologist and knowledge specialist posts with dedicated, accredited time, with the opportunity of working in partnership with academia and/or the health tech industry to design, implement and use digital, AI and robotics technologies. (DM4/AIR5)

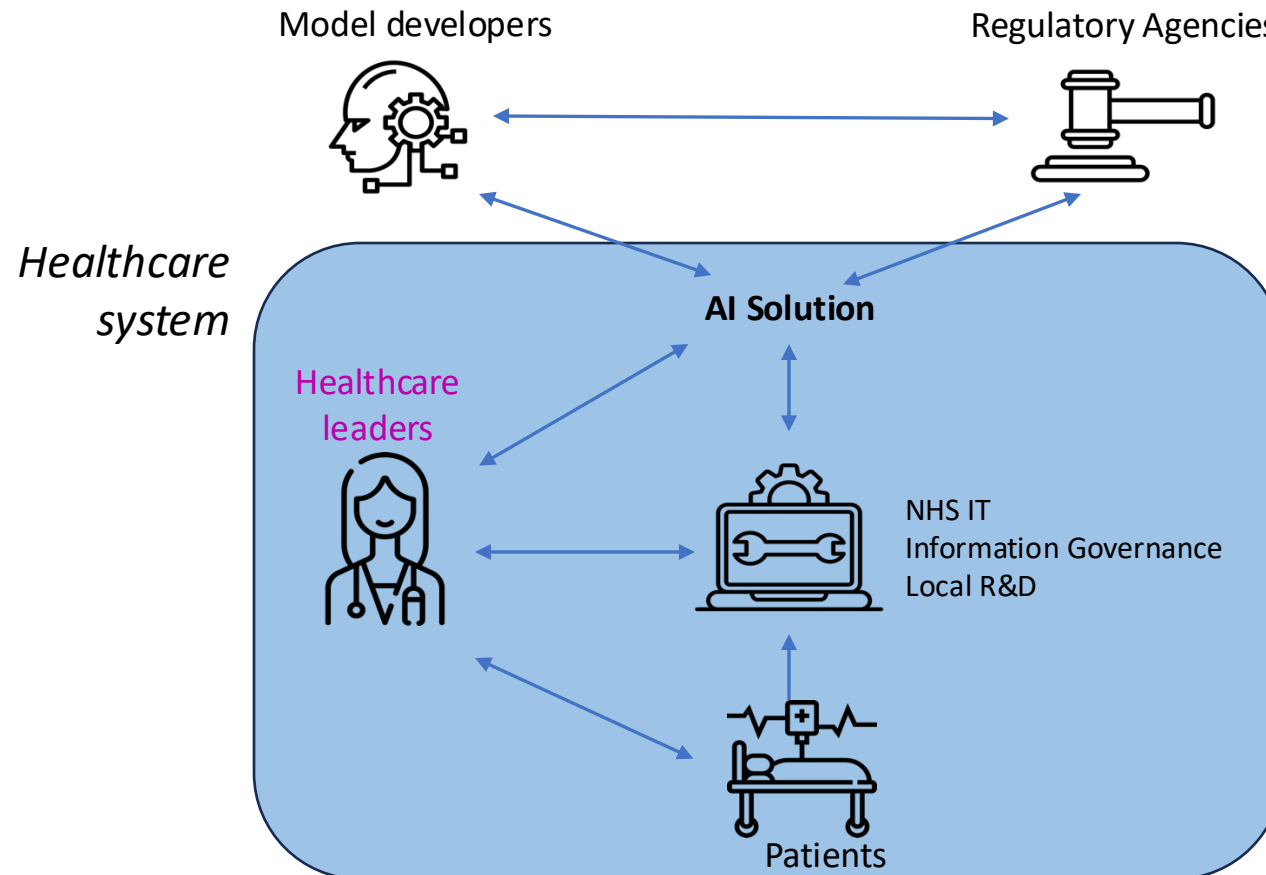


NHS Long Term Workforce Plan

June 2023

- Ongoing investment in the Fellows in Clinical Artificial Intelligence programme, which has initially focused on diagnostics and is now supporting more clinical AI programmes aligned to solutions for radiotherapy, disease surveillance and patient transfers.¹⁸⁸

The challenge: Equip **healthcare leaders** to adopt AI technology

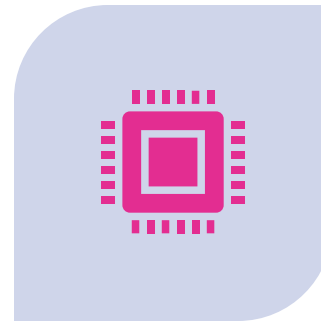


Our solution:

The NHS Fellowship in Clinical AI



Fellows are
embedded in a
clinical AI team at
an NHS Trust...



...to deploy and
evaluate AI
software in clinical
workflows

UK Footprint



Fellows by region
 as of Cohort 4

Structure of the Fellowship

Cohort 4 dates

13 August 2025 – 12 August 2026

12 months

0.4 full time equivalent

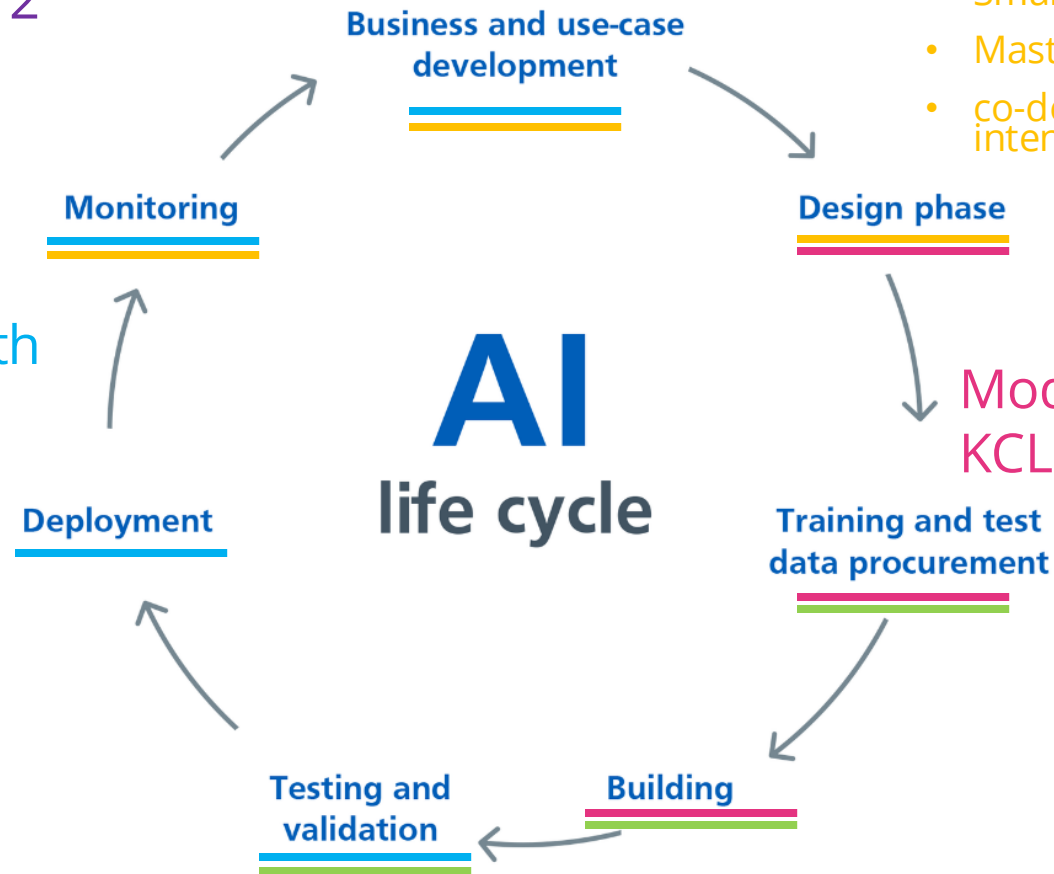
i.e. 2 days (16hrs) per week- flexible

Multimodal curriculum design

The post lasts 1 year, at 2 days per week (0.4 FTE)

- Small group teaching:
- Masterclass workshops
- co-developed with clinical AI experts, includes intensive 'bootcamp' course

- Immersive AI project with expert supervision



Modular e-learning:
KCL Innovation Scholars



Self-directed e-learning:
Programming in Datacamp



Curriculum: learning objectives themes

Theme



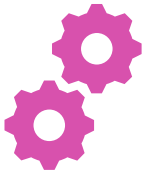
AI Fundamentals



Regulation & Standards



Validation & Evaluation

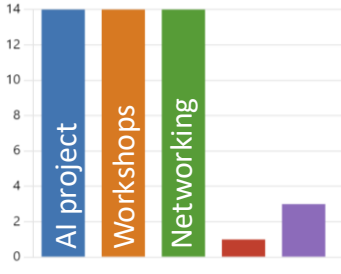
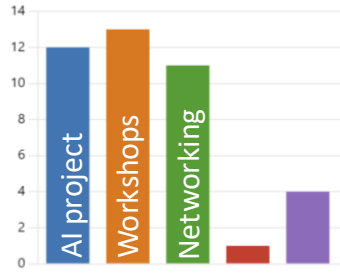
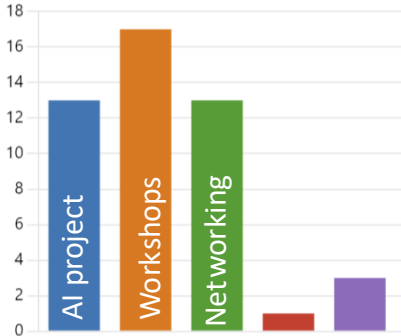
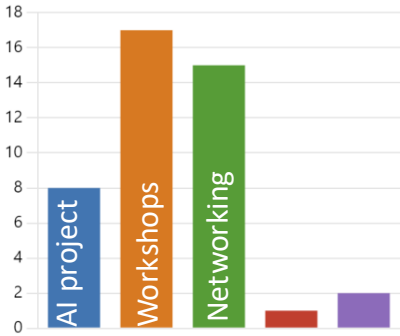
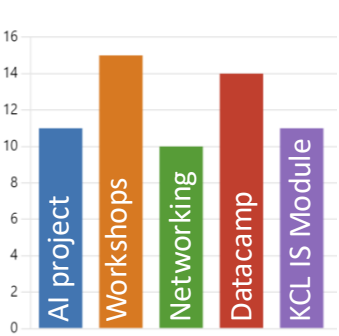


Integration & Systems Impact

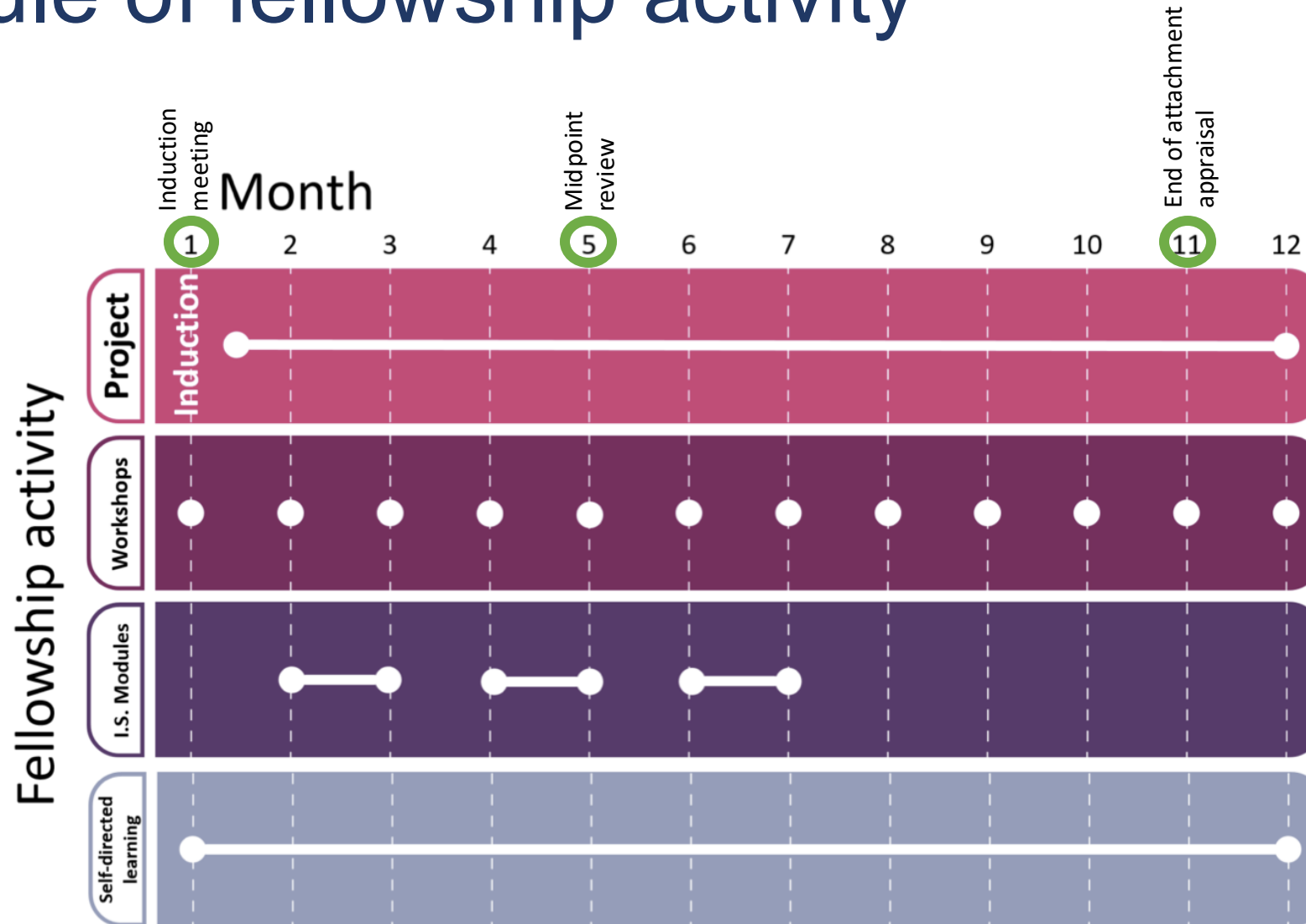


Strategy & Culture

How achieved



Schedule of fellowship activity



Draft workshop schedule 2025-26

Year	Month	Date	Venue	Content
2025	1	August 13th	London	On-site Bootcamp workshops (mandatory)
		August 14th	London	On-site Bootcamp workshops (mandatory)
		August 15th	London	On-site Bootcamp workshops (mandatory)
	2	September 15th		Off month
	3	October 6th	Hybrid - Road Show Location TBC	Full day in-person workshop
	4	November 17th	Remote	Remote workshop day
	5	December 15th	Remote	Remote workshop day
2026	6	January 19th	Hybrid - Road Show Location TBC	Full day in-person workshop
	7	February 23rd	Off month	Off month
	8	March 16th	Remote	Remote workshop day
	9	April 20th	Hybrid - Road Show Location TBC	Full day in-person workshop
	10	May 18th	Remote	Remote workshop day
	11	June 15th		Off month
	12	July 20th	London	1 day on-site Graduation showcase (mandatory)

Leave and finances

Leave:

Annual leave entitlement: pro-rata for the time allocated to the fellowship (0.4FTE). Fellows should inform their supervisor and project team of annual leave plans in writing with suitable notice (recommended 4 weeks in advance) to anticipate effects on projects.

Finances:

The fellowship faculty is not the fellow's Employer. The fellow's salary is to be paid by their Employer. The Employer is to reclaim for 0.4 FTE (unbanded) of the fellow's salary for the duration of the fellowship from the funder of the fellow's post.

Costs incurred by fellows for travel and subsistence related to fellowship activities should be reclaimed from their Employer and/or funder in accordance with existing entitlements and mechanisms.

As above for publication/conference fees.

Supervisors: Roles and Responsibilities

Supervisor: Roles & Responsibilities

Before fellow is matched:

- Project template
- Interview panel

After fellow is matched:

- Organise **Letter of Access**, or **Honorary Contract** for your institution (variable lead time!)
- Access cards, computer accounts, and other blockers to hitting the ground running.

After fellow joins your team:

- 1hr direct supervision per week from **senior team member**
- Induction: work-shadowing of relevant team members, orientation on project
- Over 12mo: 3x supervisor meetings to co-develop Personal Development Plan, and review progress on project
 1. Induction meeting
 2. Mid-point review
 3. End of attachment appraisal

Principles for great placements

1. Opportunities to acquire of skills and knowledge highly relevant to the clinical AI curriculum: balancing the needs of the fellow's learning objectives and the project
 - *Especially exposure to other parallel AI projects at different stages of the AI life cycle*
2. Embed the fellow deeply in team
3. Opportunities for publication and presentation (fellow should credit *NHS Fellowship in Clinical AI*)
4. Appropriate composition and skills-mix of the hosting team and supervisor
5. Concrete and credible timelines

Project pivoting and remediation

The project template is a roadmap, not a contract

Successful project often evolve over the fellowship year- document this in updated project template.

If concerns are raised that the learning objectives of the curriculum are not being met by the project placement overall, the faculty shall undertake appropriate information gathering, and where relevant consider suitable remediation in consultation with the fellow, supervisor and funder. If remediation is not possible, the faculty shall re-assign the fellow to another host site or supervisor, if circumstances allow.

Fellows: Roles and Responsibilities

Workforce

Doctors and Dentists

- Specialty trainee in CCT-path programme

Nurse, AHP, pharmacist, optometrist, scientist:

- Band 7, 8a, 8b

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

Fellow Responsibilities

1. Work energetically as a member of an agile multidisciplinary team including: AI specialists, medical physicists, IT, health economists, and clinicians
2. Communicate effectively with key stakeholders in clinical AI including: hospital management, patients, clinicians, regulatory bodies, and software developers
3. Curate clinical datasets in accordance with data-protection laws and regulations
4. Deploy clinical AI in a way that is safe, legal, equitable, and effective
5. Critically evaluate the performance of clinical AI in hospital workflows
6. Present scientific findings in clinical AI including clinical trials and QI projects
7. Understand and develop policies and standards for the regulation of clinical AI

Troubleshooting and communication

Causes for concern

Lack of engagement

Non-attendance

Unresponsive to correspondence

Poor quality work

Conflict with individuals in teams

Escalation of concerns

Discuss *early* with faculty at first concern

On matters relating to fellowship, please always cc us in email chain (even if fellow says already discussed)

Faculty acts as liaison with local educational structures

Working pattern

A fellow should **not** have a total working pattern over 1.0 FTE unless agreed beforehand with the faculty, supervisor, and relevant approvers.

Fellowship time is not allocated to non-fellowship activity. Non-fellowship activity includes (but is not limited to): exam preparation, dissertation-writing, other projects not within the scope of the fellowship.

If you observe conflicting interests, please raise to faculty early

Prolonged absence

In general, interrupted time on the fellowship year **cannot** be automatically added on beyond the end of the fellowship year. Individual situations will be considered on a case-by-case basis at the discretion of the faculty and project supervisor in consultation with the funder.

Project supervisors propose projects related to cohort dates and are not required to provide supervision beyond these dates.

This fellowship is a time-bound opportunity that runs for 12 months between the dates specified. The educational activities and project placements are structured to deliver the learning objectives of the fellowship curriculum within this period.

Early termination

Termination by fellow

If a fellow no longer wishes to participate in the fellowship, they must inform the faculty with 20 standard working days' notice of their intent to end their post. Salary re-imburement for the fellow will be arranged to end upon conclusion of the notice period. The fellow must facilitate an appropriate handover to their project team for any uncompleted work. The fellow should submit a written report to the faculty describing the work achieved in their post to date (in lieu of presenting their work at the fellowship graduation). Individuals who withdraw from the fellowship will no longer be invited to educational activities hosted for current fellows. Individuals who withdraw from the fellowship can remain and participate in communication channels for alumni of the fellowship.

Termination by fellowship

If a fellow's attendance, performance, or conduct during the fellowship is a cause for concern, the faculty shall consider suitable remediation in consultation with the fellow, supervisor and funder. In cases of demonstrable failure to respond to remediation, the faculty may inform the fellow with 20 standard working days' notice of the early termination of their post, with the same conditions as per above.

Professional or training concerns

If there are concerns raised regarding the professional conduct or training of a fellow, the faculty shall bring these concerns to individuals and organisations with oversight and responsibility for the matter.

Resources

Curriculum

- gstt-csc.github.io/assets/docs/FCAI_Curriculum_v3.2.pdf

Education agreement

- gstt-csc.github.io/assets/docs/FCAI_EducationAgreement_v4.1.pdf

Supervision meeting templates

- gstt-csc.github.io/assets/docs/FCAI_C4_supervisor_meeting_templates.docx

Staying in touch

Email: *gstt.aifellowship@nhs.net*

In person events: bootcamp, graduation, workshops local to you