



Fellowship in Clinical AI

NHS Digital Academy Programme

NHS Fellowship in Clinical AI: Information Pack

Equipping healthcare leaders to adopt clinical AI

www.nhsfellowship.ai

Faculty



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Dentist



Poppy Cohen

Programme Manager



Guy's and St Thomas'
NHS Foundation Trust

NHS
Fellowship in Clinical AI
NHS Digital Academy Programme

Introduction

Fellowship structure

Pilot to paradigm

Cohort 6 Applications

UK Workforce Strategy for clinical AI

2019

The Topol Review

Preparing the healthcare workforce to deliver the digital future

The NHS should increase the number of clinician posts with dedicated, accredited time to design, implement and use AI technologies

2023

NHS Long Term Workforce Plan

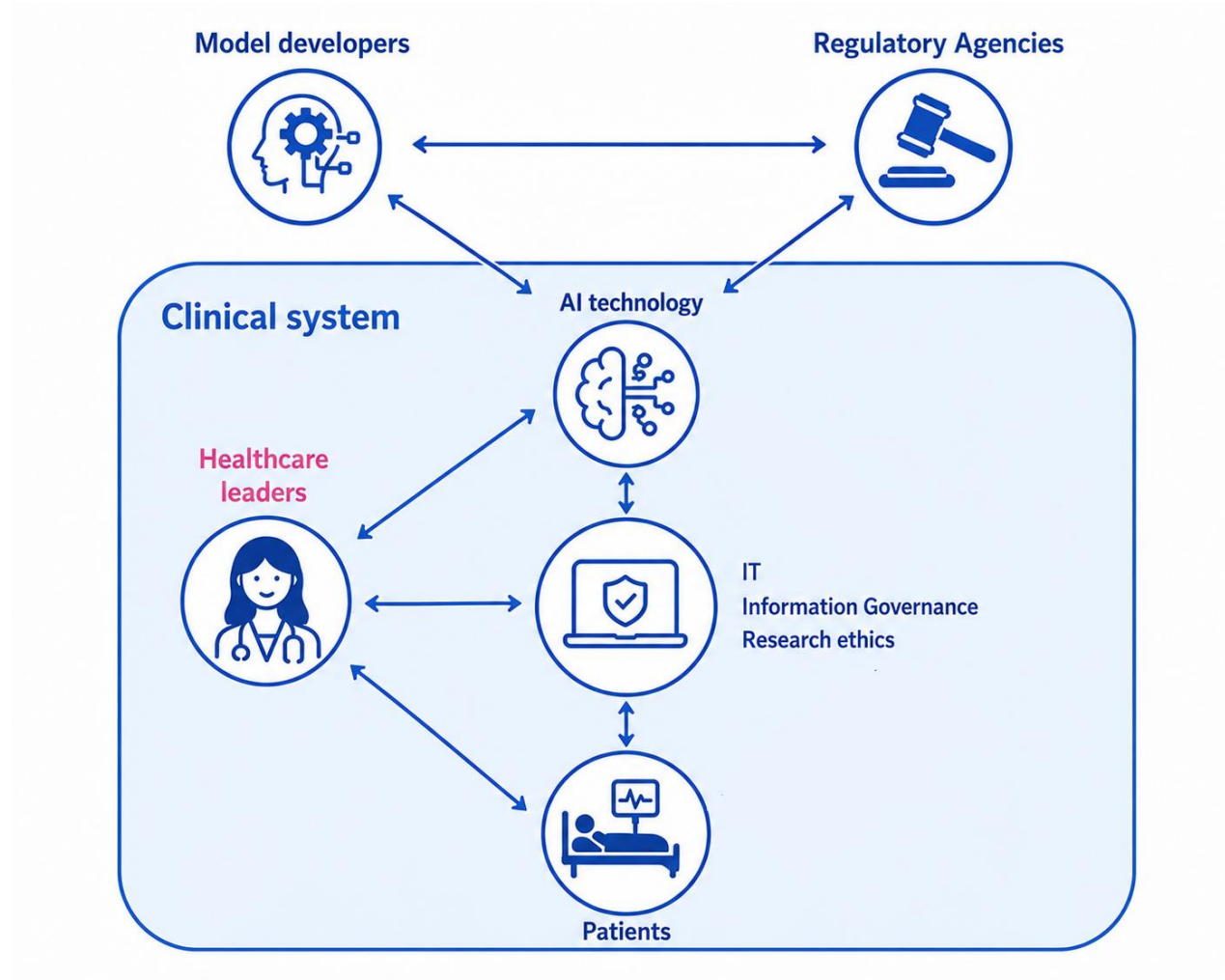
Recommends ongoing investment in the Fellows in Clinical AI programme

2025

FIT FOR THE FUTURE

A 10-year vision to give the NHS the most AI-enabled workforce in the world

The challenge: Equip healthcare leaders for AI transformation



Our solution:

The NHS Fellowship in Clinical AI



Fellows are *embedded* in a clinical AI team at an NHS site



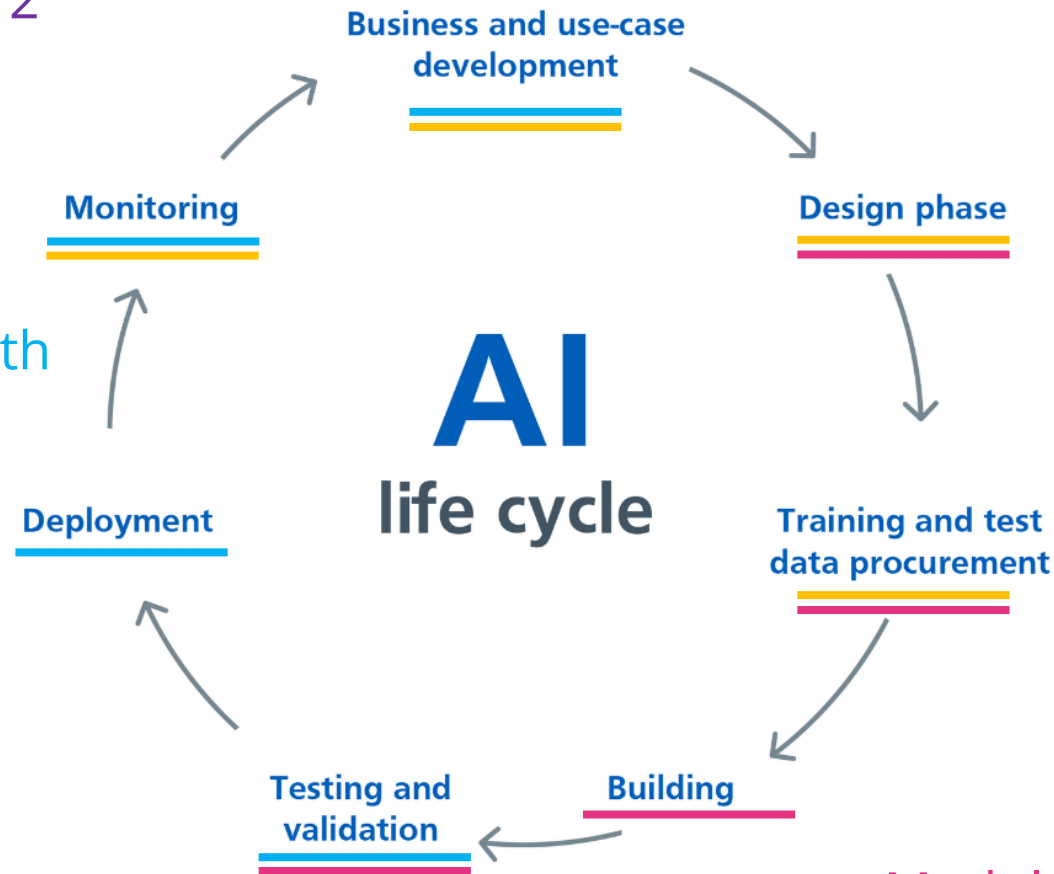
to deploy and evaluate AI software in clinical workflows

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Multimodal curriculum design

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

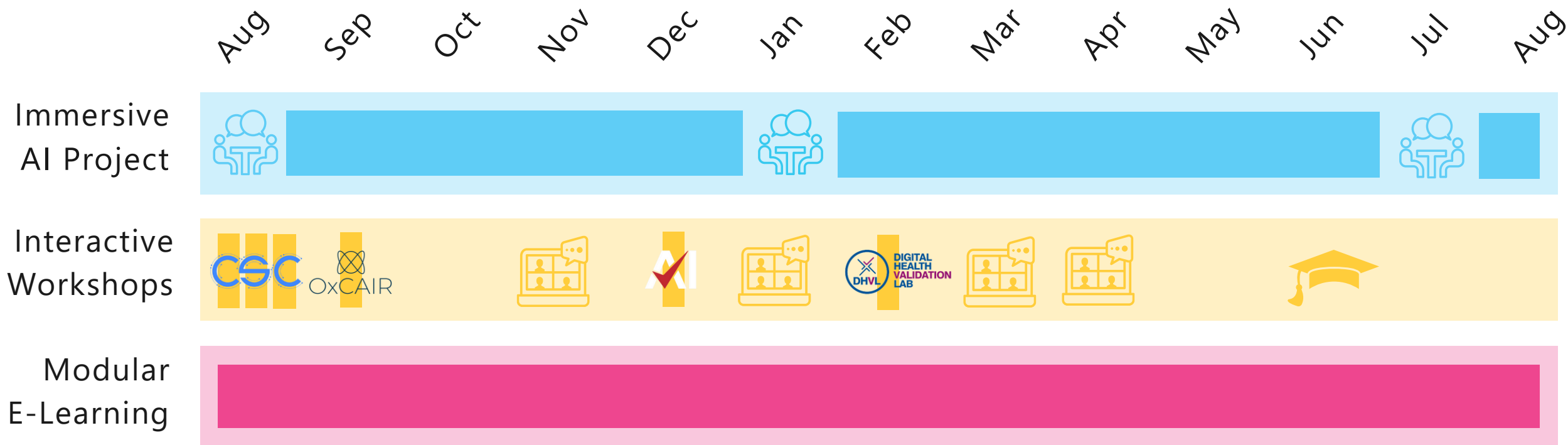
Immersive AI project with expert supervision



Interactive masterclass workshops:
co-developed with national experts, includes intensive residential bootcamp

Modular e-learning

Schedule of fellowship activity



Example project



Luis Ribeiro

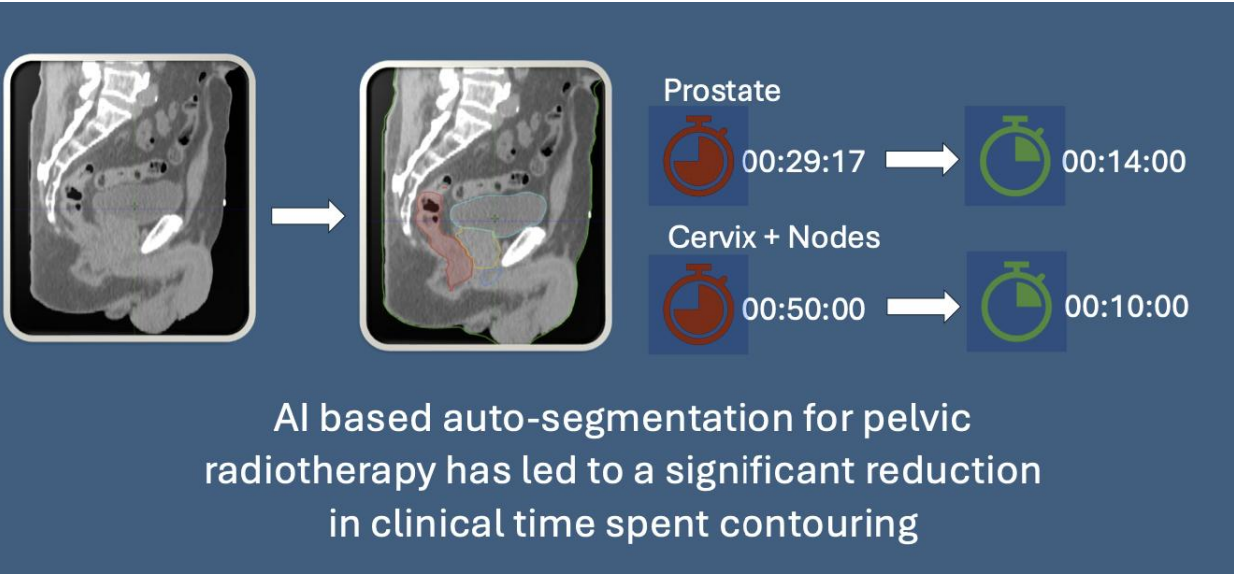
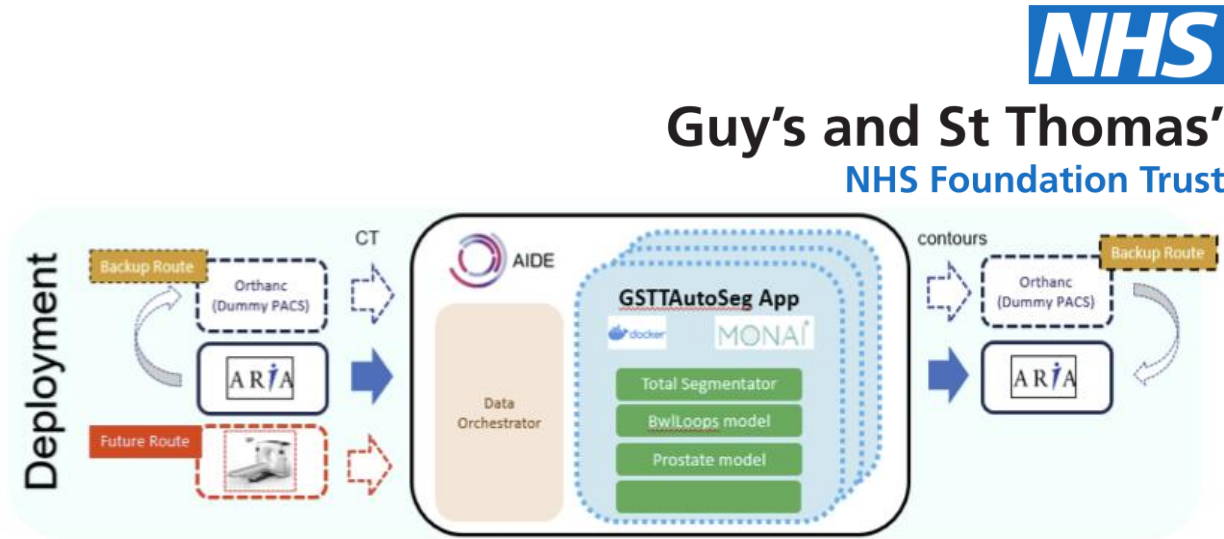
Fellow in Clinical AI, Cohort 2

The Problem

Contouring of healthy tissue and tumour volumes is an essential component of radiotherapy treatment planning to maximise therapeutic dose to target organs whilst minimising radiation to organs at risk (OAR). This contouring is currently performed manually on planning CT scans prior to starting radiotherapy.

The Project

Deployment of an artificial intelligence based auto-segmentation solution for CT scans in pelvic radiotherapy planning. The solution was developed in-house and based on nnU-net architecture trained on local scans and contours. These models were then deployed on the AIDE platform. After auto-segmentation, a clinician will edit the contours as necessary prior to final approval.





Cohort 3 Exit Survey

Named roles our graduates wish to pursue



A word cloud of roles graduates wish to pursue. The words are arranged in a vertical stack, with 'Academic' being the largest and most central. Other roles include 'Royal College AI Lead', 'Trust AI lead', 'CCIOCSO', 'Founder', 'FCAI supervisor', 'Departmental AI lead', and 'Regional AI lead'. The colors are green and blue.

Royal College AI Lead
Trust AI lead
CCIOCSO
Academic
Founder
FCAI supervisor
Departmental AI lead
Regional AI lead

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The fellowship network

Cohort 1



Cohort 5



Cohort 1 → Cohort 2 → Cohort 3 → Cohort 4 → Cohort 5



General
Medical
Council

General
Medical
Council

General
Medical
Council

health & care
professions
council

General
Medical
Council

health & care
professions
council

General
Medical
Council

health & care
professions
council

General
Dental
Council

General
Dental
Council

General
Dental
Council

General
Pharmaceutical
Council

General
Pharmaceutical
Council

General
Pharmaceutical
Council

Nursing &
Midwifery
Council

UKPHR
Public Health Register

UKPHR
Public Health Register

UKPHR
Public Health Register

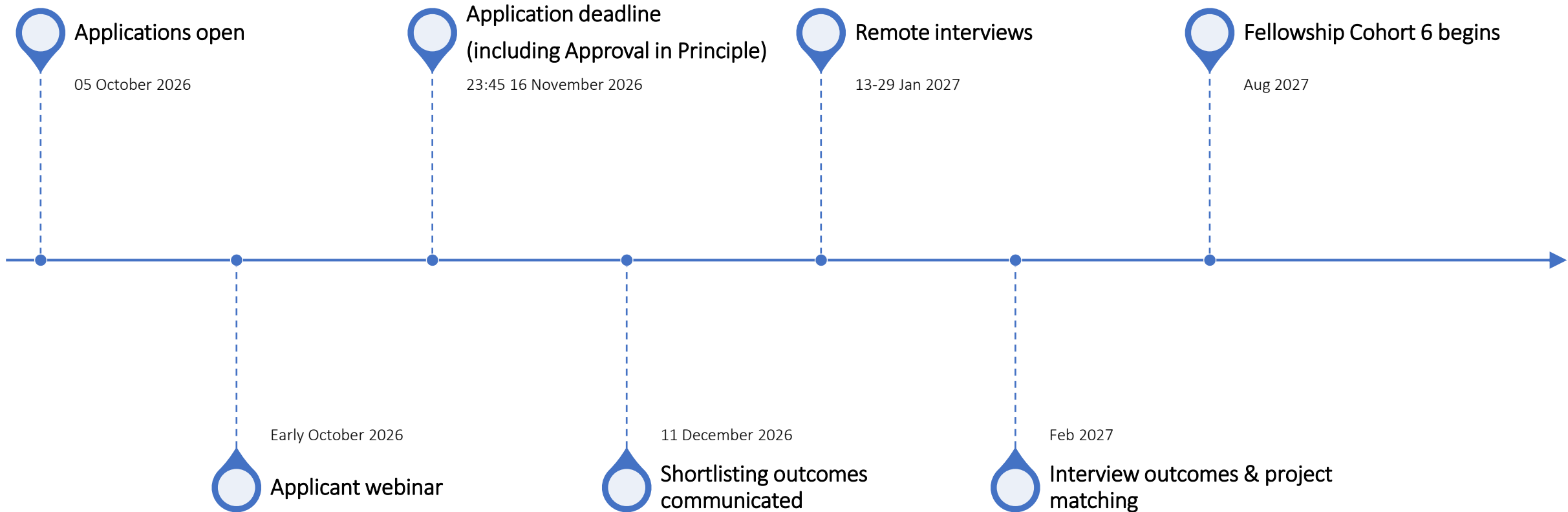




Ellyse Kilarski
Lead Research Nurse

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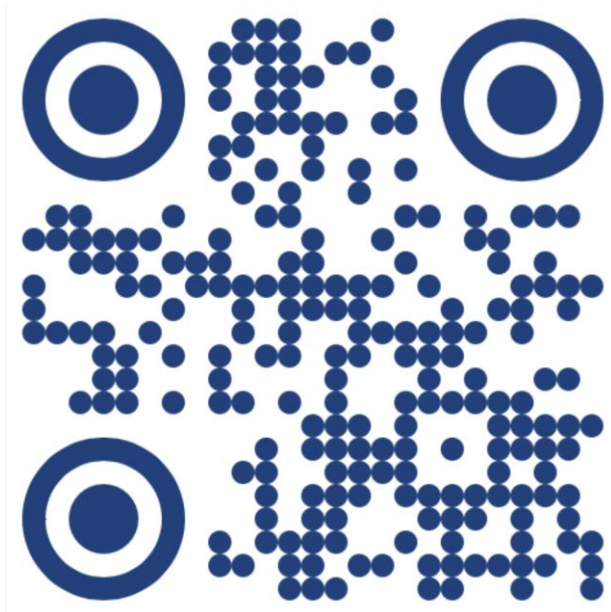
Cohort 6 application timings



Applications for Cohort 6 will open in Oct 2026



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*Eligibility by region to be confirmed
before October 2026*

Acknowledgements

Sponsors & Institutional Support



Public Services Delivery
Scotland



MINISTRY OF HEALTH
SINGAPORE



Educational Co-Development

The educational materials of this fellowship have been co-developed with partners including:



Medicines &
Healthcare products
Regulatory Agency

