Wowelin AI
CIC

Advancing Women's Health
Through AI & Innovation

PROSPECTUS · 2026

AI INNOVATION PROGRAM

Build Real Clinical AI Solutions That Save Lives.

For medical students, healthcare professionals and technology students

A remote-first, clinician-led program where medical students, healthcare professionals and technology students build, test and evaluate AI solutions for real clinical challenges in women's preventive health.

CLINICAL
Medical students & healthcare professionals
Currently UK-based

TECHNOLOGY
Computer Science, Engineering & AI students
From anywhere in the world

INSTITUTIONS
Universities, medical schools & colleges
As partners

Presented by **WowelinAI CIC** · Founded and led by NHS doctors · Croydon, United Kingdom

www.wowelinai.co.uk

office@wowelinai.co.uk

WHO WE ARE

Advancing women's health through AI & innovation

WowelinAI CIC is a UK Community Interest Company (Not For Profit) founded and led by three NHS doctors, building AI to improve preventive health for women.

We empower medical students, healthcare professionals and technology students to become innovators: identifying real gaps in women's preventive healthcare and building AI-driven solutions to close them.

> Every medical professional can be an innovator. For far too long, we have just been the end-users of technology. Now, it is time to rise to the challenge, meet global standards and innovate ourselves.

EXECUTIVE DIRECTORS

LN — FOUNDER

Dr Logeswari Nallathambi

Former NHS Consultant Haematologist · Co-Founder, Wellbe360 · Clinical AI Advisor, UK

PD — CO-FOUNDER

Dr Priya Devadas

Oncoplastic / Reconstructive Breast Surgeon · Homerton Healthcare NHS Foundation Trust

SS — CO-FOUNDER

Dr Srividhya Sankaran

Consultant in Maternal-Fetal Medicine · Guy's and St Thomas' NHS Foundation Trust

Our model: clinicians identify and validate real clinical problems; technical students help build, test and evaluate the AI solutions. Together we create equitable, female-centric preventive health tools.

OUR FOCUS

AI for women's preventive health

The program is about using AI to improve preventive health for women, across every stage of life. It is not limited to one place; each cohort takes on new problems and new data.

01

COHORT 1 · DONE

Croydon, UK

Analysed grassroots, city-level epidemiological data from Croydon to identify gaps in female preventive healthcare across maternal health, metabolic disease, malignancy risk and mental health.

02

NEXT

Big data analysis

Large-scale data analysis in cancer prevention, maternal health and postmenopausal health.

03

LOOKING AHEAD

A national-level AI companion for women

Supporting women through every life phase.

04

ONGOING

A growing project pipeline

New cohorts are joining, and we have multiple project ideas that will enhance women's health.

Every cohort works on a real women's health problem, grounded in real data and guided by practising NHS clinicians.

HOW IT WORKS

How the program works

Clinicians bring the clinical problem and context; technology students bring engineering rigour. **All collaboration, mentoring and project work takes place online.**

PROGRAM PATHWAY

PHASES 1–2

Research & Validate

Research, identify real clinical problems and validate ideas.

Led by medical students and healthcare professionals, guided by NHS clinicians

PHASE 3

Build & Test

Evaluate models, test algorithms, address bias.

Technology students join, working with the clinical teams

PHASE 4

Pilot & Evaluation

Evaluate solutions and explore regulatory frameworks.

Clinical and technology teams together

THE PARTICIPANT JOURNEY – DOCTORS & MEDICAL STUDENTS

01

Join

Directly, or through a partnership with your university, medical school or college.

02

Get paired

With a clinician-led project team working on a live women's health problem.

03

Understand the problem

The clinical question, the data and real-world clinical workflows.

04

Build and test

AI solutions: evaluate models, stress-test algorithms and examine bias.

05

Pilot and evaluate

And learn how AI in healthcare is regulated.

06

Leave with

A real health-tech project, mentorship and certification.

WHAT TECHNOLOGY STUDENTS CONTRIBUTE

Evaluate models

Assess AI performance against real clinical questions.

Test algorithms

Stress-test and validate algorithms on clinical problems.

Address bias

Examine data and model bias for equitable, female-centric AI.

Regulatory frameworks

Explore the standards that govern AI in healthcare.

WHERE YOUR WORK LANDS

A live preventive health AI research pipeline

Participants join a live translational R&D pipeline in which teams develop and benchmark AI frameworks across female-specific conditions.

CLINICAL FOCUS AREAS

- Cervical Cancer
- Maternal Health
- Metabolic Diseases
- Eating Disorders
- Vaccination
- STI / Contraception
- Bowel Cancer
- ADHD & Autism
- Menopause
- Breast Cancer
- Cardiovascular Health
- Osteoporosis
- Neurodegenerative Conditions
- Depression
- Iron Deficiency

SELECTED PRESENTATIONS & DISSEMINATION

From data bias to digital equity: Female-centric AI	Poster, King's College London
Equitable AI-enabled Breast Cancer Screening for South Asian Women in Croydon	APNA NHS AI Conference, Stevenage
Bridging Preventive Health Gaps for Women: A Female-centric and Racially Diverse Approach	APNA NHS AI Conference, Stevenage
Addressing Bowel Cancer Screening Inequalities and Exploring AI Solutions	WOWoncology AI Global Summit
Leveraging AI to Address Metabolic Health Inequalities: A Croydon-based Proposal	Poster, King's College London
The Potential of Data Diversity to Bridge Inequalities in Preventive Health	Poster, King's College London

The team has also presented at the King's College London AI in Clinical Practice Conference and the IndiSetu AI in Healthcare Summit.

KEY REQUIREMENTS

Who can join

CLINICAL

Medical students

Currently UK only. Contact us directly, or join through your medical school's partnership with us.

CLINICAL

Healthcare professionals

Currently UK only. Contact us directly.

TECHNOLOGY

Computer Science, Engineering, AI, Data Science & technology students

Anywhere in the world. Join through a partnership between your university or college and WowelinAI CIC.

Curiosity over mastery

No advanced AI expertise is needed. Technology students need strong technical curiosity, a basic coding and problem-solving foundation, and a drive to learn on the job. Clinical participants need an interest in innovation; no coding is required.

IDEAL DISCIPLINES

Medicine | Allied Health | Computer Science | Information Technology | AI & Data Science | Electronics & Communication | Biomedical Engineering | MedTech

WHAT YOU GAIN

Experience that sets you apart

A portfolio-grade project

A real-world health-tech application for your CV.

Cross-disciplinary teamwork

Clinicians and technologists working side by side.

Certification & mentorship

Guidance from experienced NHS clinicians and health-tech advisors.

Responsible AI experience

Bias, evaluation and regulatory frameworks in practice.

HOW TO APPLY

Three routes into the program

Each route starts with an email to **office@wowelinai.co.uk** or the enquiry form at **www.wowelinai.co.uk**.

ROUTE A · UK

Individual medical students & healthcare professionals

Contact us directly. Tell us who you are, where you study or work, and which area of women's health interests you. We will let you know about the next cohort.

ROUTE B

Medical universities & medical schools

We are building partnerships with medical universities so that groups of students can join together, with a structured route into each new cohort.

ROUTE C · WORLDWIDE

Engineering, technology & computer science institutions

Technology students join through a simple partnership with their university or college. Student groups and societies are welcome to start the conversation.

THREE STEPS FOR INSTITUTIONS

01

Express interest

Email us or submit the Institutional Partnership Enquiry form.

02

Partner setup

We contact your faculty, department or group lead to complete a quick partner setup.

03

Students join

Students are paired with clinician-led teams and contribute remotely.

WHAT YOUR ENQUIRY SHOULD INCLUDE

- Contact name, email and phone
- Your position (student, healthcare professional, faculty or student group lead)
- University, college or organisation name and address
- How you would like to collaborate with us, and any initial questions

VALUE FOR PARTNER INSTITUTIONS

- Free, structured health-tech experience for your students
- Remote collaboration with NHS clinicians in the UK, with no travel required
- Portfolio-grade, real-world projects that strengthen employability
- Exposure to responsible AI: bias, evaluation and regulation
- Mentorship and certification

GOOD TO KNOW

Frequently asked questions

FEE	LOCATION	COMMITMENT	ENTRY ROUTE
Free	Remote, online	Alongside studies or work	Direct or via partnership

Q **Is the program free?**

Yes. The program is free for participants. It is designed to give hands-on, cross-disciplinary experience in health-tech innovation alongside your studies or work.

Q **Do I need to be in the UK or attend in person?**

Technology students can join remotely from anywhere in the world. Medical students and healthcare professionals currently need to be UK-based. All collaboration, mentoring and project work happens online.

Q **Is the program only about Croydon?**

No. Our first cohort focused on Croydon data. Future work covers big data analysis in cancer prevention, maternal and postmenopausal health, and a national-level AI companion for women.

Q **Can a medical student join without a university partnership?**

Yes. UK medical students can contact us directly. We also partner with medical universities so groups of students can join together.

Q **Can a student group or society apply?**

Yes. Student groups are welcome to get in touch. For technology students, participation is then set up through a simple partnership with your university or college.

Q **Is there any payment or grant for participants?**

The program is primarily a free, non-salaried educational experience. Honorary stipends or small project grants may occasionally be awarded at the end of a cohort, depending on funding. These are discretionary and not guaranteed.

Q **Do participants own the intellectual property (IP)?**

No. Participants do not hold IP ownership or a legal claim over the tools or models developed during the cohort. The program is an educational and collaborative learning initiative.

Wowelin AI
CIC

LET'S BUILD TOGETHER

Let's build the future of women's preventive health together.

We look forward to welcoming you, your students or your institution into the WowelinAI CIC AI Innovation Program.

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