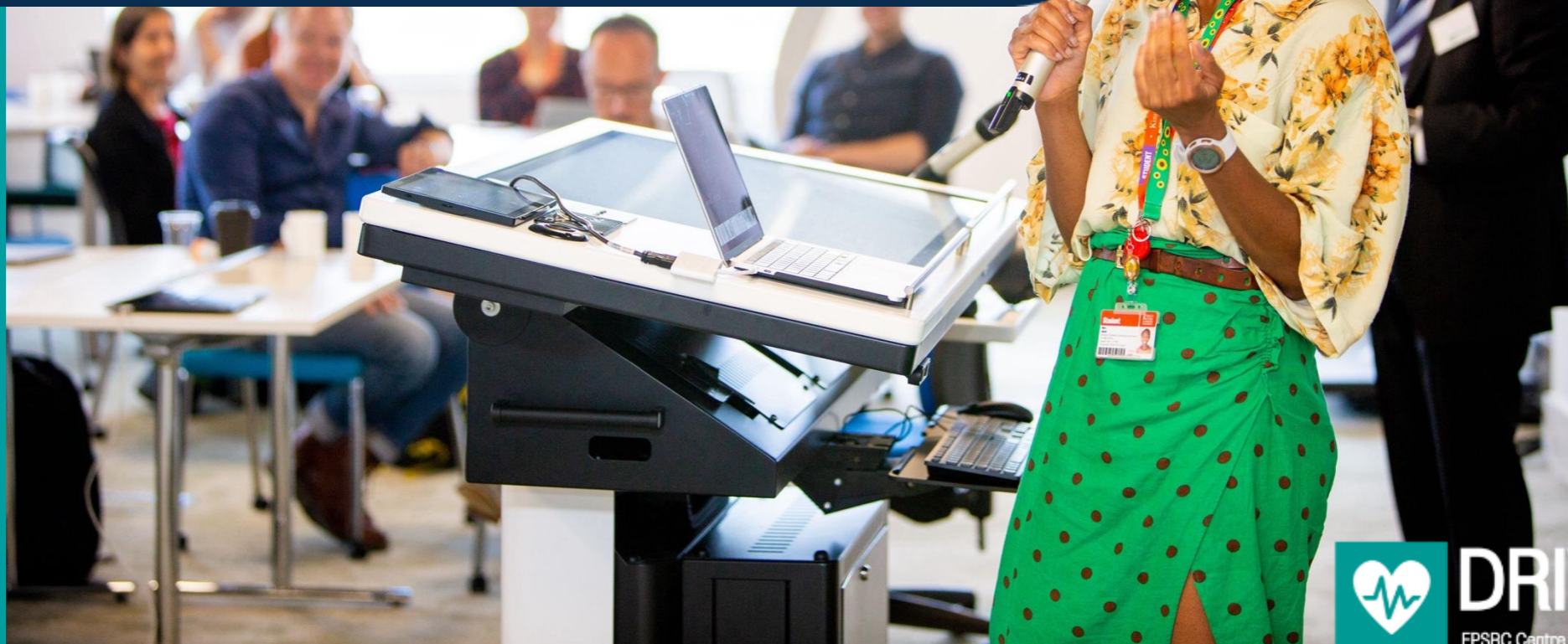


# EPSRC DRIVE-Health Centre for Doctoral Training in Data-Driven Health

Collaborator & Partner Engagement, June 2026

**KING'S**  
*College*  
**LONDON**



**DRIVE-Health**

EPSRC Centre for Doctoral Training in Data-Driven Health



Engineering and  
Physical Sciences  
Research Council

## Our vision

**DRIVE-Health** trains the next generation of scientists and engineers to deliver data-driven, personalised and sustainable healthcare for 2030 and beyond.

Co-created with the NHS, patients, health tech and pharma, DRIVE-Health is delivering the EPSRC strategy for Transforming Health and Healthcare.

**Healthcare accounts for 30% of the world's data**

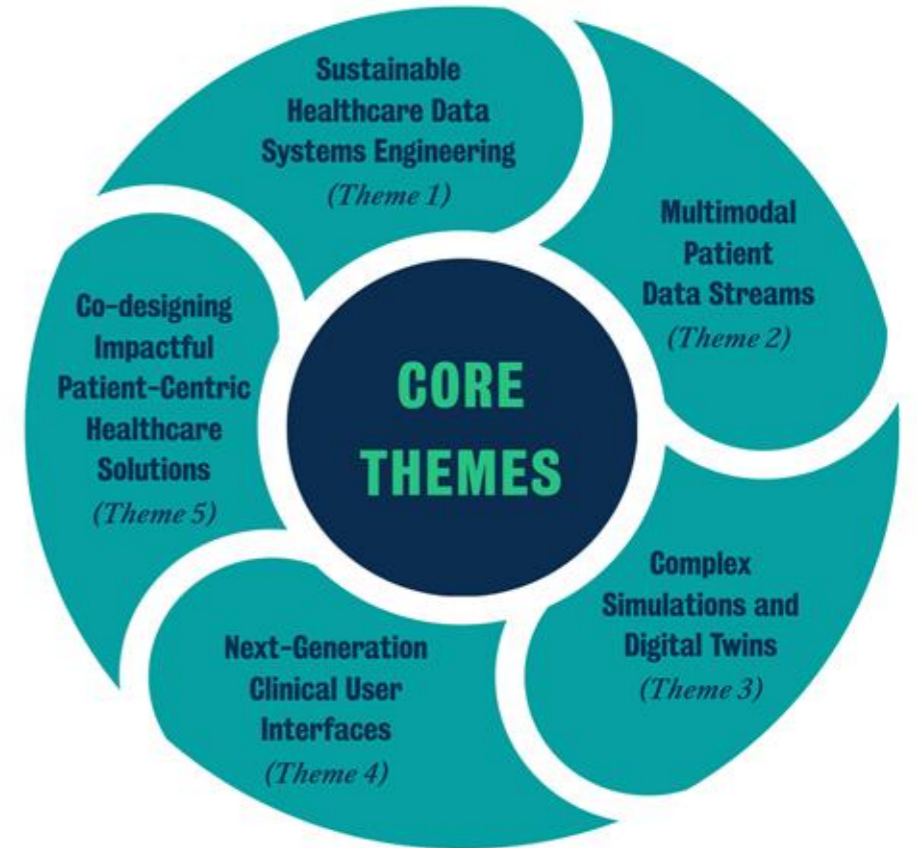


# Key features of our programme

- 5 research themes
- 4-year programme
- Cross-cohort training
- Multi-disciplinarity and industry links
- 3-month student placement
- Strong sense of cohort community and Centre identity

# Key numbers in our first two years...

- 38 students
- 15 co-funders
- 24 co-funded projects
- ~1500 applications



Delivering the EPSRC strategy for Transforming Health and Healthcare.

# Multi-disciplinary ecosystem

## SCIENTIFIC THEMES

1. SUSTAINABLE HEALTHCARE SYSTEMS ENGINEERING
2. MULTIMODAL PATIENT DATA STREAMS
3. COMPLEX SIMULATIONS AND DIGITAL TWINS
4. NEXT-GENERATION CLINICAL USER INTERFACES
5. CO-DESIGNING IMPACTFUL PATIENT-CENTRIC HEALTHCARE SOLUTIONS

## CORE CLINICAL & ACADEMIC



## LEVERAGING EXISTING INVESTMENT



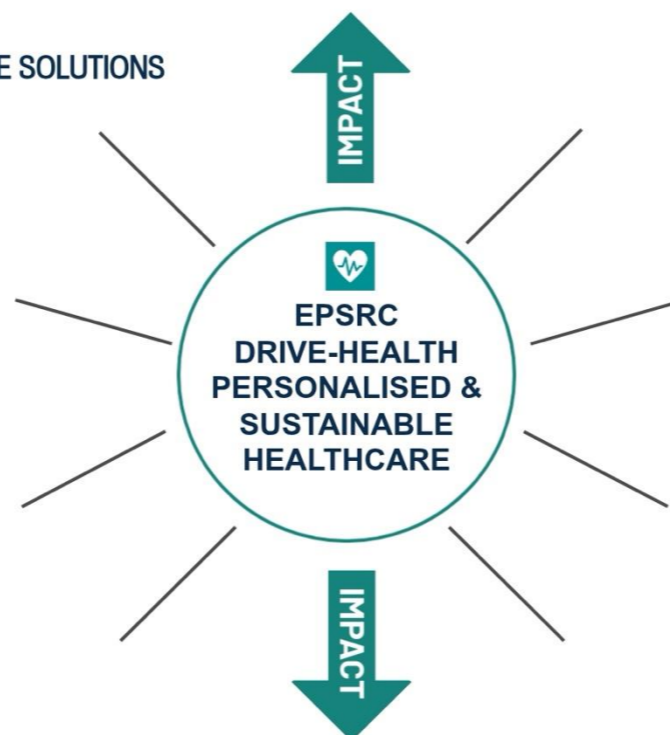
## PATIENTS & CHARITY



## PERSONALISED HEALTHCARE

SKILLS FOR 2030

HEALTHCARE SYSTEM TRANSFORMATION



PERSONALISED TREATMENTS & THERAPIES

BETTER PATIENT OUTCOMES

## UNRIVALLED COHORT EXPERIENCE

SHARED IDENTITY - PEER-TO-PEER LEARNING  
- CROSS-COHORT WORKING - CO-LOCATED

## SYNERGYSTIC PARTNER ECOSYSTEM



## UNIQUE DATASETS, RESEARCH & HPC



## ACCELERATION, ADOPTION & ENTREPRENEURSHIP



# Core management team



**Professor Richard Dobson**  
Co-Director

“The team brings an appropriate mix of supervisory, technical, clinical and leadership expertise, enabling it to effectively manage the academic, professional support, financial, and partnership resources for an outstanding cohort-based PhD programme.”



**Professor Vasa Curcin**  
Co-Director



**Professor Angus Roberts**  
Training Lead



**Dan Seorici**  
Centre Administrator



**Jo Dobson**  
Partnerships and Communications Lead,  
Deputy Centre Manager



**Dr Helen Jones**  
Centre Manager



**Dr Alex Dregan**  
Equality, Diversity, and Inclusion  
(EDI) Lead

# Advisors and Theme Leads



**Dr Lucie Burgess**

Partnerships Development  
Advisor



**Dr Alfredo Iacoangeli**

Academic Lead  
for Trusted Research



**Dr Divya Parmer**

Patient Public Involvement  
& Engagement Lead



**Dr Lisa Harper**

Entrepreneurship/Translation  
Lead



**Professor James Teo**

Clinical Lead

## Theme 1



**Dr Zina Ibrahim**

Sustainable Healthcare Data Systems  
Engineering

## Theme 2



**Dr Nicholas Cummins**

Multimodal Patient Data Streams

## Theme 3



**Dr Steffen Zschaler**

Complex Simulations and Digital  
Twins

## Theme 4



**Dr Timothy Neate**

Next-Generation Clinical User Interfaces

## Theme 5



**Professor Claire Steves**

Co-designing Impactful Patient-Centric  
Healthcare Solutions

1

### Sustainable Healthcare Data Systems Engineering

Theme 1 (T1) investigates methods and frameworks for developing scalable and secure data-driven software systems:

*interoperable software architectures, scalable workflow analytics, clinical decision support, systems sustainability.*

2

### Multimodal Patient Data Streams

Theme 2 (T2) enables the vision of a highly heterogeneous data environment where patient-generated content, including data from wearables and structured/unstructured information from electronic health records, can combine seamlessly:

*machine learning from heterogeneous data, time series analytics, natural language processing, deep phenotyping.*

3

### Complex Simulations and Digital Twins

Theme 3 (T3) focuses on the paradigm of building simulated environments, including healthcare settings or virtual patients, to enable training machine learning and AI models:

*predictive analytics, systems simulation, causal inference.*

4

### Next-Generation Clinical User Interfaces

Theme 4 (T4) will place usability front and centre to ensure health data science applications are usable in clinical settings and are aligned with users' workflows:

*knowledge representation, designing for usability, voice and video interfaces.*

5

### Co-designing Impactful Patient-Centric Healthcare Solutions

Theme 5 (T5) is a cross-cutting exploring co-production and co-design, stakeholder engagement, evaluation techniques and maximising impact:

*public and patient involvement, co-production and co-design, medical device and data regulation, productising academic software, and health economics and evaluation.*

## Scientific Themes (flexible)

# Our partner engagement strategy

Through our diverse partners across the health data science ecosystem, we aim to:

- Attract outstanding doctoral students who aim to be leaders as well as health data scientists, by providing a range of training, research, and placement opportunities
- Enhance the doctoral training experience and provide access to an expanded range of training, technologies, and facilities through partnerships
- Foster and provide an experience of genuine research collaborations with partners and to increase the impact of academic research
- Offer experience in product development, entrepreneurship, leading-edge milestone-driven research, and in working in multidisciplinary teams in diverse environments
- Promote co-design of translational research projects across industry, the NHS, public and third sectors

# Recruitment and Collaborative Studentships

## 2024 intake

- 204 applications, 29 Home
- 64 projects advertised
- 4 Partner-Funded, 4 Collaborative Co-Funded
- 18 students



## 2025 intake

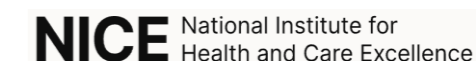
- 585 applications, 128 Home
- 112 projects advertised
- 7 Partner-Funded, 8 Collaborative Co-Funded
- 18 students



King's BHF Centre of Research Excellence

## 2026 intake

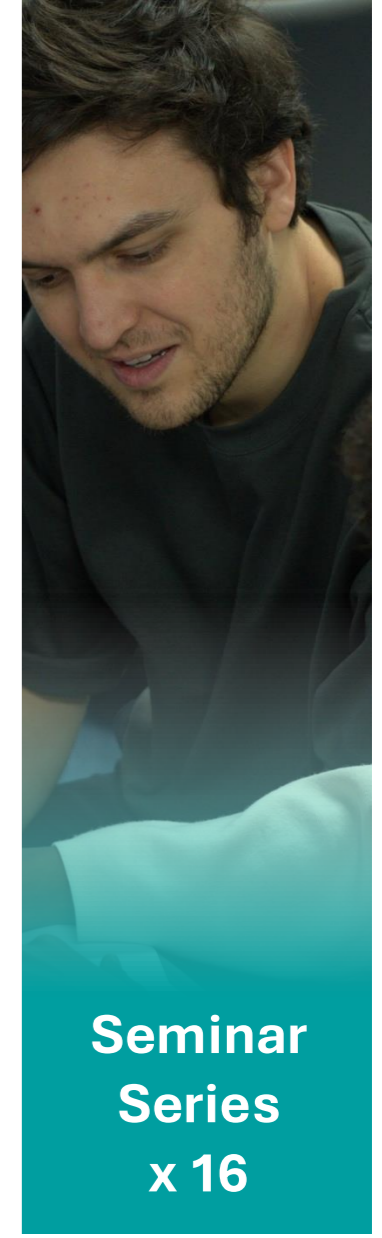
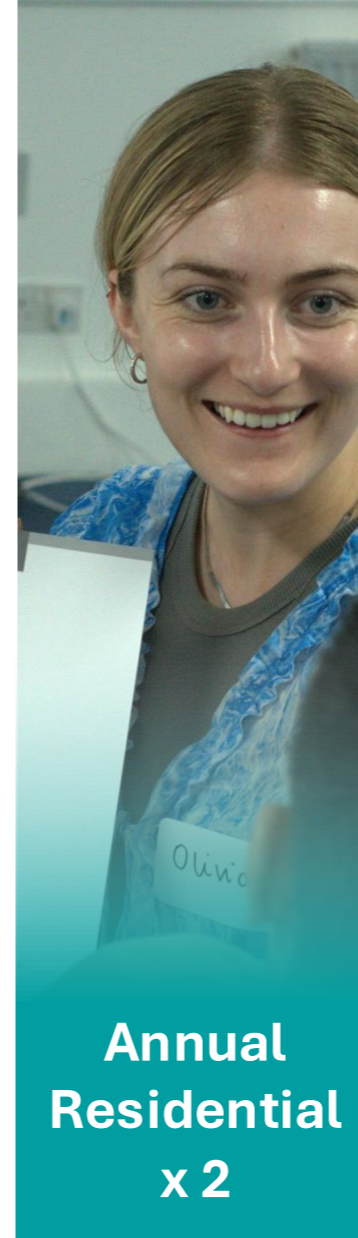
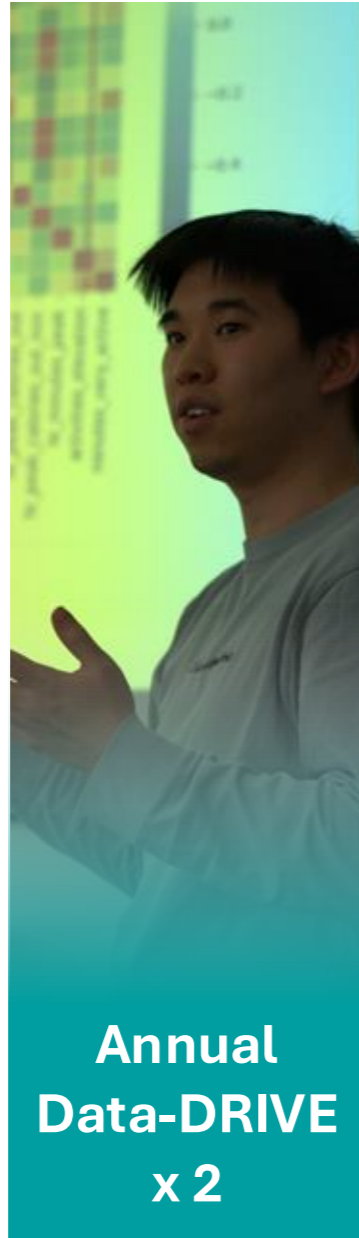
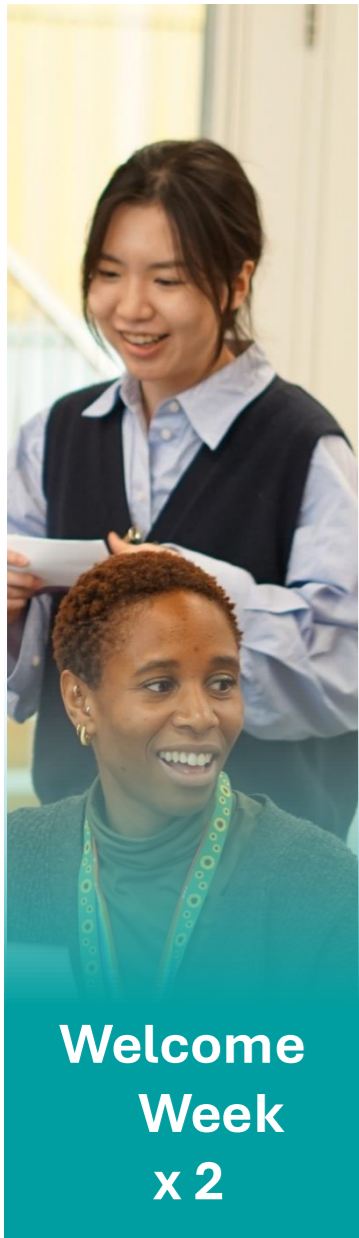
- 589 applications, 132 Home
- 135 projects advertised
- Co-funded studentships – to be confirmed
- Student intake – to be confirmed



# Why co-fund a studentship?

- Partners collaborate on projects and research roadmaps
  - Drives innovation through co-creation
  - Aligns academic research with emerging market and policy priorities, making outputs more commercially and clinically relevant
  - Positions you as a thought-leader in your research domain
  - Opportunities for joint publications, conferences, and public recognition
  - Fast-track academic access to explore the potential and solutions to your project(s)
- Partners build credibility and visibility
  - Brand can be woven into symposia, seminars, public engagement events, social & recruitment campaigns
  - Demonstrates corporate social responsibility and investment in collaboration
- Partners see real impact of investment and low-risk way to scout emerging talent
  - Your student is part of an inclusive, high-performing community attracting top-tier candidates

# Cohort development in our first two years...



# DRIVE-Health in action!



# Student successes and impact



## Dr. Julianna Olah

Juli is co-founder and CTO. She received her PhD from King's College London for research on artificial intelligence (AI) in mental health. Her leading work on voice biomarkers has been published in top journals & conferences. Prior to Psyrin, she started the largest digital therapy marketplace in Hungary, which has facilitated over 10,000 sessions. Get in touch [here](#).



Cohort 2020



## A Start-up Founder's Story: Psyrin

## Psyrin raises \$1 million to advance its pioneering approach to mental health assessment using voice biomarkers

October 29, 2024

## SPARKS digital health founder & ICURE Explore Award winner 2024



Cohort 2020

The Physiological Society Prize winner announced

Cohort 2020



## Congratulations

to Dina Farran, DRIVE-Health student

## Awarded 1st prize

presentation at the Faculty of Liaison Psychiatry Annual Conference 2024



**Lapis AI**  
370 followers  
1mo • Edited •

Congratulations to our **#CTO** and **#Founder**,  **Davide Ferrari, MA MS PhD**, on receiving his Doctor of Philosophy award from **King's College London!** ...more



**Davide Ferrari, MA MS PhD** · 1st  
Fundraising Pre-seed Round at Lapis AI Studio: developing human-centric AI ...  
1mo •

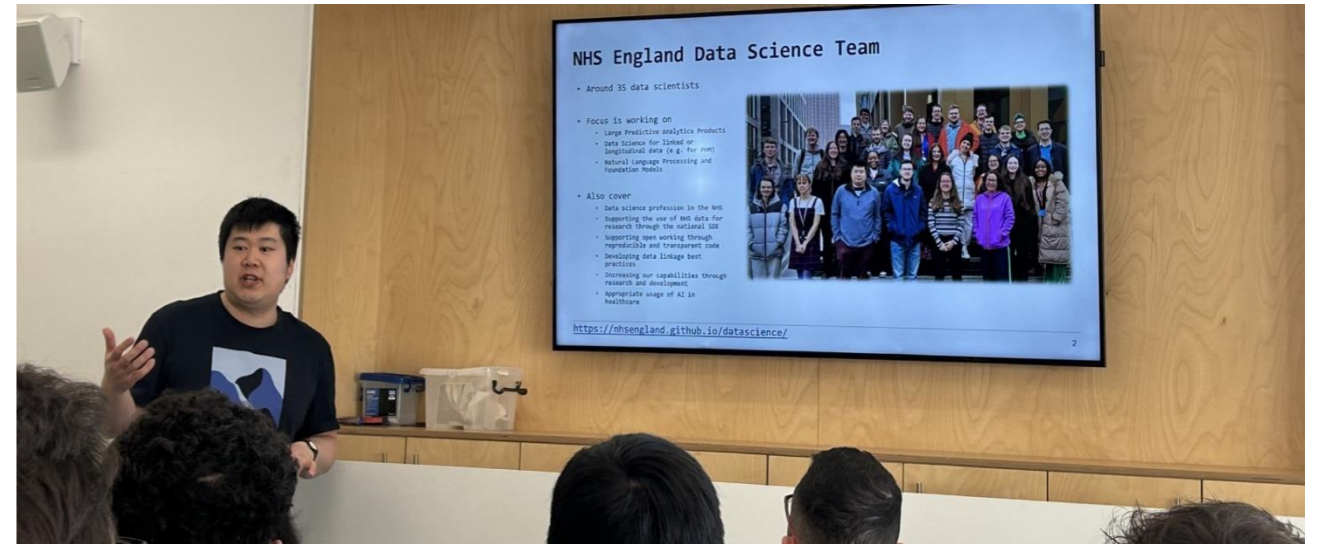


Exciting News!  
This morning, I officially received my Doctor of Philosophy award from **King's College London!** 🎓

Over the past four years at the **DRIVE-Health** CDT, I dedicated myself to developing innovative and impactful Machine Learning methodologies, leading to 10 peer-reviewed publications—including journal and conference papers, posters, and book chapters. This gifted me with four unforgettable ...more

Cohort 2020

# Events



# Student Lightning Talks



*DRIVE-Health students*



*Our 2024 Welcome  
Week*