

## Health Data Research UK PhD Programme in Health Data Science

### Year 2 Leadership Project

In Year 2 you will begin to develop your leadership capabilities in a variety of ways. This project will underpin those efforts and give you a chance to practically apply those skills.

#### **The Project**

You will work in teams of 4 but, within each team, each individual must have a designated role and responsibility for a series of tasks.

As a group you will consider your collective interests and develop a plan for an organised activity. You are free to think creatively but possible examples include:

- Organising an event such as a workshop between different communities,
- Writing and publicising a guidance on an area of interest,
- Planning and delivering a taught course.

The only restriction is that the project should not be a standard academic activity (e.g. seminars, conferences, research papers). Possible themes include:

- Equality, Diversity and Inclusion
- Public-Patient Participation, Involvement and Engagement
- Academic-Industry Engagement
- Data science for under-18s
- Learning from other disciplines
- Supporting non-government organisations.

You will need to set your own targets, goals and delivery timetable (aligned with the project milestones - below).

#### **Your Role**

We want you to consider taking on opportunities that challenge you *personally*. If you do not feel confident with your communications, try a communications-focused role. If you have difficulties with using lay language, take on a role that involves engaging with the public.

Your role is also to support each other in this project and across teams and to maintain a positive partnership.

#### **Who can help you?**

A key aspect of this project is *finding* the people and resources you need to support you in designing and delivering this project yourselves. This could be through your own universities but also through HDRUK you have access to a substantial network. Your status as HDRUK PhD students will open doors or give you access to those who can. The Leadership Programme team will provide general mentorship and advice throughout.

#### **What does success look like?**

Our expectation is that you will make a genuine and concerted effort to succeed with your intended project and to deliver on your self-designed goals.

Checkpoints during the course of the project will allow you to determine feasibility and whether final deliverables can be actioned. Progression through these checkpoints is not required - if a project has to stop, it has to stop, what is important is what can you learn from the project, and how might you do better next time.

The Year 2 Project is part of a three-year leadership programme and, from the perspective of the PhD programme, we see success in terms of your own personal growth and that of the cohort. Throughout the project, you will get together as a cohort to reflect on your personal and collective experiences.

### **Project Aims**

1. To identify a novel personal challenge that inspires and motivates you.
2. To gain experience of personally leading a (sub)project from concept to implementation,
3. To work with others in the delivery of your project,
4. To reflect on your own project experiences and shape a personal development plan,
5. To support other students in the delivery of their projects and openly share insights and experiences with the group.
6. To embed some of the leadership styles and approaches you will be learning about in the Year 2 Leadership Programme.

### **Initial Project Proposal**

Your initial project proposal should address the following five questions:

1. What problem does your solution address? Describe what your final idea looks like? [200 words]
2. What support do you need to implement your idea? [100 words]
3. What resources do you need? [100 words]
4. What team and responsibility roles will be involved? [100 words]
5. What is the first step? [50 words]

### **Project Timeline**

This project will run until 15 September 2022.

Date	Target
15 November 2021	Submit initial project project and received feedback
15 December 2021	Submission of detailed project proposal, programme review
January-March 2022	Project Design and Planning Phase
15 March 2022	Progress Update and Feasibility Check
March-June 2022	Project Implementation Phase
15 June 2022	Progress Update and Action Decision
July-Sep 2022	Project Delivery Phase
15 September 2022	End of Project Reflection

## Example Proposal

What problem does your solution address? Describe what your final idea looks like? [200 words]

I want to create a series of public-patient involvement workshops to develop a better understanding of how cancer patients will respond to my research in artificial intelligence.

In Workshop 1, I want to determine the level of patient interest in the deployment of algorithms in clinical practice that could predict the possible outcome of cancer treatments. In particular, I want to measure patient reaction to predictions that may suggest no further treatment or untreatable disease.

For Workshop 2, I want to test the level of understanding of risk in a patient population through some custom exercises that I will create. Using these exercises, I will determine if patients can meaningfully interpret risk/probability statements that might arise from my research. I will seek to identify an improved means of providing algorithmic output that is understandable to a wider audience.

After the workshops, I will write a report on my findings in conjunction with the charity and a patient advisory group.

What support do you need to implement your idea? [100 words]

I want to convene the workshops with the support of a cancer charity who will help me to reach the appropriate patient audience and support the delivery. The charity would also help me with publicity for the event and event planning.

I will set up a patient advisory group that will help me to create and design the workshops. The advisory group will also help me interpret feedback and learn from the workshops and to improve the design and format for future events.

What resources do you need? [100 words]

I will require help to identify the correct charity to support my work.

I will require participation fees to pay for the advisory group's expenses.

For in-person events, I will require funds to support venue hire, catering and support. The events will be free to attend.

I would also benefit from a researcher with experience of PPIE to provide mentorship and advice during the project.

What team and responsibility roles will be involved? [100 words]

Overall project coordinator – responsible for overseeing the entire project.

Publicity coordinator – responsible for ensuring that information about events are communicated are communicated to the right audiences, responsible for planning the event logistics.

Engagement coordinator – responsible for liaising with charity and patient advisory group and designing structure of meetings.

Content coordinator – responsible for research and design of workshop content including obtaining necessary feedback from a range of stakeholders.

What is the first step? [50 words]

Identify a mentor and create a 1-page lay summary of our proposal to pitch to charities.