



Improving the health of the public by 2040:

Optimising the research environment for a healthier
fairer future

UKPRP - May 2017

Graham Hart FMedSci
Dean, Faculty of Population Health Sciences, UCL

for

Anne Johnson DBE FMedSci
*Chair of the Population and Lifelong Health Domain, and Vice Dean International Faculty of Population
Health Sciences, UCL*

Aims of the project

- To explore the health challenges the UK population will face by 2040, and the opportunities to address them.
- To develop a vision for the health of the UK population by 2040.
- To ensure that by 2040:
 - **Transdisciplinary research** underpins interventions to improve the health of the public
 - There is a **highly skilled** research **workforce**
 - Strong links exist between **evidence**, **policy development**, and **service delivery**

Thanks to our funders:



Our vision

Primary aspiration for 2040

Substantial and ongoing reductions in health inequality, and improvements in mental health, physical health and health-related quality of life across the UK population

Five supporting ambitions

Environments	Empowerment	Values	Sustainability	Resilience
All elements of the UK environment support healthy living for everybody.	People are empowered to actively contribute to their own and other people's health.	All sectors of society value health and health equity, and they are indicators of societal success.	Improvements to UK health are gained in ways that are economically, environmentally and socially sustainable.	The UK has developed resilience to potential health crises and is a major contributor to global health security.

One underpinning requirement

The UK has the transdisciplinary research capacity, capability and infrastructure to generate evidence to improve the health of the public

Optimising research to improve the health of the public

It is crucial that health of the public research is transdisciplinary, conducted at scale and strategically coordinated, with a far greater focus on research to promote health and prevent the onset of disease and behaviour-related conditions, and to effect and evaluate change across the population.



Engagement with expertise in:

Built environment

Transport

Education

Work/employment

Harnessing the digital revolution

The digital revolution offers a chance to understand the full spectrum of the determinants of health. Embracing these opportunities requires us to collectively address issues of data access and management; ethics, regulation and governance; community engagement and trust.



Capitalising on data

Work with stakeholders to maximise the potential of data generated **within and outside** the health system

Striking a balance

Research on maximising **data utility** alongside **safeguarding privacy**

Developing the next generation

Train professionals who can **analyse** the full **range of datasets**

Developing the next generation of researchers and practitioners

We need an ambitious plan to build transdisciplinary research capability, which harnesses the changing drivers of health and capitalises on emerging technologies.



Fostering transdisciplinarity

Opportunities to learn about health incorporated in other relevant disciplines, and these broader disciplines incorporated in public and population health courses

Working together to improve health and health equity

Achieving substantial and ongoing improvements in health and health equity will require people from all sectors of society to work together. We need a convergence of clinical and health of the public approaches to build the agenda for prevention in our health and social care system.



Working together

Health and health equity factored into the development and evaluation of all relevant **policies and guidelines**

Productive **academic-commercial** sector **collaboration**

Co-production with the **public**



Improving the health of the public by 2040

Optimising the research environment
for a healthier, fairer future

September 2016

 The Academy of
Medical Sciences

Download the report at
acmedsci.ac.uk/2040

Join the discussion on social
media using [#health2040](#)

View our summary animation
at youtube.com/acmedsci

 The Academy of
Medical Sciences

