



Public Health
England

Protecting and improving the nation's health

Report: Yorkshire and Humber research and practice workshop

Sheffield

January 2018

About Public Health England

Public Health England exists to protect and improve the nation's health and wellbeing, and reduce health inequalities. We do this through world-leading science, knowledge and intelligence, advocacy, partnerships and the delivery of specialist public health services. We are an executive agency of the Department of Health and Social Care, and a distinct delivery organisation with operational autonomy. We provide government, local government, the NHS, Parliament, industry and the public with evidencebased, professional, scientific and delivery expertise and support.

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Introduction and overview

The Research, Translation and Innovation (RTI) division has been working with PHE centres to strengthen links between public health academics and others across the public health system via research and practice workshops to explore public health research needs and priorities in their local areas.

Over the last 18 months, we held 5 such meetings:

- North West Research and Practice workshop – Manchester – 4th October 2016
- East Midlands Research and Practice workshop – Nottingham – 13th March 2017
- East of England Research and Practice workshop – Cambridge – 3rd October 2017
- West Midlands Research and Practice workshop – Birmingham – 14th November 2017
- Yorkshire and Humber Research and Practice workshop – Sheffield 25th January 2018

There is one more planned for the 2017 to 2018 financial year; in the South East and discussions are underway with other areas in the hope to cover each of the 9 PHE centres by the end of 2018 to 2019 financial year.

These regional workshops have included an overview of research priorities from different stakeholder perspectives; PHE Centre, Local Authority and Clinical Commissioning Groups, along with an opportunity for discussions, workshops and a Dragon's Den session with pump priming funds available to enable local research projects to be initiated with the view of submitting a future joint proposal for more significant funding.

Each of the workshops has been developed with input from a lead in the PHE Centre, the Head of Academic Public Health Support in the RTI division and an academic or other public health professional colleague(s).

In addition, the RTI division has supported the PHE national teams of the Dental and Oral Health team and Chief Nurses Directorate in creating and supporting meaningful academic networks. Further information about these workshops is available on request and this work will continue in future years.

This is the report for the Yorkshire and Humber Research and Practice workshop; which was developed by Dr Andrew Lee, Consultant in Communicable Disease Control, PHE Yorkshire and Humber, Professor Liddy Goyder, Deputy Dean and Professor of Public Health, SchARR, University of Sheffield, Dr Mark Strong, Director, Public Health Section and Reader in Public Health Decision Making, SchARR,

University of Sheffield and Nicola Hodgkiss, Head of Academic Public Health Support, Public Health England.

Attendees

There were 54 attendees, made up of academics and public health practitioners from the Yorkshire and Humber region. Appendix 1 shows the list of attendees with their employing organisation.

Research needs and priorities in the region

We heard about research needs and priorities for the region from 3 different perspectives:

- Dr Andrew Furber, Centre Director, PHE Yorkshire and Humber (delivering the Local Authority perspective based on his previous role as Director for Public Health in Wakefield).
- Professor John Wright, Director Bradford Institute for Health Research
- Dr David Black, Medical Director, Yorkshire and Humber NHS England

A table at the end of the document gives a summary of the research needs highlighted.

Themes

Reassuringly and perhaps unsurprisingly there were some common themes in the presentations about aspects of research that would benefit the region. These are as follows:

- Better collaborations to develop timely and relevant research
- Health economics including return on investment and cost-effectiveness
- Mental health
- Whole systems approaches
- Service development to explore alternative delivery models
- Evaluations

Presenters and an overview of content

Greg Fell, Director of Public Health at Sheffield City Council welcomed everyone to the event and gave an overview of the research landscape in local government emphasizing the need for translational research and reminding attendees that local governments are politically driven and will often use elements of research that can be found to justify their stand point.

Professor Bernie Hannigan, Director for Research, Translation and Innovation at PHE introduced the day's vision for bringing people together from across the region to explore the PH landscape in Yorkshire and Humber and understand more about local research needs. She gave an overview of PHE and where it sits in the public health landscape as well as providing a high level summary of PHE's Research Strategy: '*Doing, supporting and using public health research: the Public Health England strategy for research, translation and innovation*'. She also introduced the concept of 'ResHubs' which are part of PHE's response to the Health of the Public 2040 report that recommends the development of regional hubs of engagement between practitioners and researchers to integrate health of the public research and health and social care delivery; events such as these research and practice workshops are part of that work.

World Café session

We included a session within the programme to provide individuals (or teams) with the opportunity to share recently completed local/regional research projects, ideas and information about projects or hot topics in their area.

On the day we had 6 projects/topics to be presented and used a world café method to give people the opportunity to spend time hearing about the 3 that interested them the most in separate 20 minute table top discussions. The topics to choose from were:

1. Is modern slavery a public health issue? Delivered by Dr Liz Such, Research Fellow, University of Sheffield
2. Improving health in mental health secure units. Delivered by Dr Maxine Johnson, Research Fellow, University of Sheffield
3. Does patient and wider community involvement in diabetes make a difference? Delivered by Dr Janet Harris, Reader in Knowledge Mobilisation, SCHARR, University of Sheffield
4. Commissioning for minority groups. Delivered by Julia Thompson, Health Improvement Principal, Sheffield City Council
5. Collaboration between Born in Bradford and Health Visitors to consider feasibility and validation of a measure of maternal sensitivity. Delivered by Jo Howes, Programme Change Manager, Better Start Bradford

6. Learning about collaboration through the Four Nations Study (a review of public health systems across the four nations of the UK) . Delivered by Dr Amy Barnes, Lecturer in Public Health, ScHARR, University of Sheffield

This method of delivery proved very popular with individuals enjoying the opportunity to hear about varied topics in a less formal presentation style.

Dragon's Den session

As part of the day, we invited researchers to pitch ideas to a panel in a Dragon's Den type exercise. We advertised this opportunity on the event website and asked interested parties to submit an abstract of their proposals. There were 3 pitches made to the panel:

1. Laura White, Sheffield City Council: *A happy, health and inclusive Sheffield: building an economic framework from the grassroots*
2. Danielle Cohen, Sheffield Teaching Hospitals NHS Trust: *Respiratory Isolation for Tuberculosis: patient experience in the UK*
3. Jo Abbott, Rother Council: *Using Lego Serious Play (LSP) techniques to influence visioning and integration of Public Health in Local Authority*

The panel was made up of Professor Bernie Hannigan, Director for Research, Translation and Innovation, Public Health England, Professor Liddy Goyder, Deputy Dean and Professor of Public Health, ScHARR, University of Sheffield, Professor Jane South, National Advisor – Communities, Leeds Beckett University and PHE and Professor Martyn Regan, PHE Professor of Regional Public Health, University of Manchester.

The £5,000 prize money was awarded to Laura White and the project will provide a progress report in 12 months' time to PHE's Research Performance Review Group.

Table discussions: developing ideas for collaboration and research

Following on from the morning's session, we set up a series of table top discussions to explore some of the common themes further. These discussions focussed on:

- a) Health economics and evaluation
- b) Building engagement in communities
- c) Health inequalities
- d) Translating knowledge into action through collaborations

Next steps and conclusion

It was clear from speakers and comments on the day that there is already a well-developed infrastructure for research and academic-practice engagement in the region but that better use might be made of those infrastructures to have a bigger impact on public health. Early inclusion of all relevant parties including community engagement was seen as key to ensuring that research is appropriate and translatable to policy and practice to make a real difference.

The Yorkshire and Humber PHE Centre will consider this report and explore how to support taking this work forward.

Summary of research priorities from different perspectives

Academic	Local Authority	NHS
Use of technology	Action research – things that help in the moment	Return on investment
Whole systems approaches	Evidence on what works – sharing best practice	Cost-effectiveness
Re-designing cities	Research that demonstrates impact at scale	Practical and pragmatic solutions to problems
Behaviour change / interventions	Improved cost-effectiveness	Collaborations
Community centred approaches	Return on investment	Evaluations
	Better use of data	New models of care
	Quick results – how do we do relevant research quickly	Service reconfiguration
	Better collaborations and early	Health economics
	Early Years – ensuring every child has the best start in life to reduce the need for childrens services	General Practice 'at scale'
	Working age – healthy lives including mental health to help reduce the number of people relying on benefits	Mental Health
	Ageing well	Cancer - early detection of and prevention
	Alternative delivery models – how can we work differently to achieve better outcomes	Diabetes
	Demand management – intervening in a positive way	Dental and Oral Health
		Offender healthcare

Appendix 1: Attendees

Name	Job Title	Organisation
Jo Abbott	Assistant Director Public Health	RMBC
Suzanne Ablard	Research Associate	The University of Sheffield
Anne-Marie Bagnall	Reader	Leeds Beckett University
Charlotte Bamford	Health Intelligence Specialist and Knowledge Transfer Facilitator	PHE
Amy Barnes	Lecturer in Public Health	University of Sheffield
David Black	Medical Director	NHS England
Louise Brewins	Head of Public Health Intelligence	Sheffield City Council
Stephanie Bryson	Procurement Lead	The University of Sheffield
Chris Burton	Professor of Primary Medical Care	University of Sheffield
Lisa Chaytor	Clinical practitioner	James Alexander Family Practice
Nupur Chowdhury	student	university of sheffield
Danielle Cohen	SpR	Sheffield Teaching Hospitals NHS Trust
Nicola Corrigan	Health and Wellbeing Programme Manager Yorkshire and the Humber	PHE
Metodi Donev	Master student in European Public Health at ScHaRR	University of Sheffield
Abby Dunn	Research Fellow	University of York
Greg Fell	Director of Public Health	Sheffield City Council
Juliet Fidorra	Quality Improvement Lead, Diabetes	NHSE
Andrew Furber	Centre Director	Public Health England
Bikramaditya Ghosh	Student	University of Sheffield
Liddy Goyder	Deputy Dean	University of Sheffield
Matt Greensmith	Quality Improvement Manager (Diabetes)	NHS England
Andrea Guarjardo Villar	EPH student	University of Sheffield
Nikita Hamilton	Postgraduate Taught Student	University of Sheffield
Bernie Hannigan	Director	Public Health England
Taylor Harris	Grad Student	ScHARR

Janet Harris	Reader	University of Sheffield
Nicola Hodgkiss	Head of Academic Public Health Support	PHE
Ellie Holding	Research Associate	Sheffield University
Stephen Holland	Reader	University of York
Danielle Hook	R&D Manager	Hull CCG
Jo Howes	Integration and change manager	Bradford Trident
Alison Iliff	Health and Wellbeing Programme Manager	PHE
Leena Inamdar	Consultant in Communicable Disease Control	Public Health England
Maxine Johnson	Research Fellow	University of Sheffield
Aigul Kozhageldiyeva	student	University of Sheffield
Andrew Lee	CCDC	Yorkshire & the Humber PHE Centre
Kelly Mackenzie	NIHR Doctoral Research Fellow and Public Health Specialty Registrar	University of Sheffield
Zoe Marshman	Reader in dental public health	University of Sheffield
Julia Meaton	Reader in Sustainability/Risk/Disaster Management	University of Huddersfield
Petra Meier	Prof of Public Health	Univ of Sheffield
Imon Pal	Student	University of Sheffield
Alison Patey	Health and Wellbeing Lead, Yorkshire and Humber	Public Health England
Joanne Poole	YH Senate Manager	NHS E
Juwel Rana	MPH	University of Sheffield
Martyn Regan	PHE Regional Professor of Public Health	University of Manchester
Scot Richardson	GP Board Member	NHS Hull CCG
Karen Rogstad	Clinical Lead	Sheffield Teaching Hospitals NHS Trust and University of Sheffield
Jane South	National Adviser – Communities	PHE & Leeds Beckett University
Mark Strong	Reader in Public Health	University of Sheffield
Elizabeth Such	Research Fellow	University of Sheffield
Carla Tarazona Meza	Student	University of Sheffield
Julia Thompson	Health Improvement	Sheffield City Council

	Principal	
John Wright	Director of Research	Bradford Teaching Hospitals NHS Foundation Trust
Vanessa Wright	IKT Business Manager	The University of Sheffield