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# Report: East Midlands research workshop

## Nottingham

March 2017

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## Introduction and overview

During the 2016/17 financial year, 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 workshops to explore public health research needs and priorities in their local areas.

Over the last year, we held 2 such meetings:

- North West Research Workshop – Manchester – 4<sup>th</sup> October 2016
- East Midlands Research Workshop – Nottingham – 13<sup>th</sup> March 2017

There are 2 more planned for the 17/18 financial year; in the East of England and West Midlands and discussions are underway with other areas, aiming to cover each of the 9 PHE centres by the end of 18/19 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 further developed.

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 East Midlands Research Workshop; which was developed by Ann Crawford, Consultant in Health Improvement, PHE East Midlands Centre, Professor Derek Ward, Head of Centre for Health and Social Care Research, University of Derby (and Public Health Advisor to Derbyshire CCGs), Nicola Hodgkiss, Head of Academic Public Health Support, RTI Division, and Sally Bassett, South Derbyshire CCG Quality Improvement Collaborative, South Derbyshire CCG.

## Attendees

There were 46 attendees, made up of academics and public health practitioners from the East Midlands Region along with some voluntary sector and patient representatives. Appendix 1 shows a 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 Meng Khaw, Centre Director, PHE East Midlands
- Dr Liz Orton, Consultant in Public Health, Leicestershire County Council and Associate Professor of Public Health, Nottingham University
- Dr Tim Parkin, GP, Limes Medical Centre, Alfreton and Mr Jim Connolly, Chief Nurse, NHS Hardwick CCG

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. These are as follows:

- requirement to better understand the diverse population in the East Midlands and therefore the research needs of the different communities
- better joining up of existing resources in the region to work collaboratively to improve the health of the local communities – ie joining up service delivery practitioners with research community to bring the two closer
- research into what works well for the health of the public in the region to help CCGs and local authorities when making funding decisions
- and following from this how can research findings be ‘translated’ to make them more useful to service development?
- shared expertise around evaluations and health economics
- better translational research – how does research work in practice
- the role of the voluntary sector needs more exploration – data could be an opportunity, recruitment too and implementation opportunities
- the whole of the research continuum can be of use – from portfolio studies to evaluations – student projects, all have a role to play
- matchmaking across the system is required
- the local picture is as important as international and opportunities close to home should be explored

## Presenters and an overview of content

Dr Felix Greaves, Director of Science and Strategic Information at PHE introduced the day's vision for bringing people together to increase the amount of PH research across the region. Focusing in on:

- the importance of regional networks to coordinate discussions in new ways
- the role of narratives to support the need for research
- consideration of improvement and prevention in health and care
- the goal of creating the best evidence to guide decision making
- the vital role of partnership working to move the ph agenda forwards

Professor David Rowbotham, Clinical Director of the East Midlands Clinical Research Network (CRN) spoke about the research infrastructure in the East Midlands focusing on NIHR support.

Professor Mike Hannay, Managing Director of the East Midlands Academic Health Science Network (AHSN) spoke about translation and public health research highlighting funding available in the NHS for research and development vs spread and adoption.

Professor Derek Ward, Head of Centre for Health and Social Care Research at the University of Derby and Public Health Advisor to Derbyshire CCG's presented Why Weight? - an example of locally focused research which helped CCGs target commissioning and resources to the right communities and people.

Mrs Anne Brice, Head of Knowledge Management at PHE presented on knowledge management and the tools and skills of research.

### 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. All those on the initial invite list were invited to submit an idea to present and there were 3 volunteers:

- Dr Stuart Maitland-Knibb, Clinical Director, Lakeside Plus Ltd; *New Model for Pre-Hospital Urgent Care*
- Professor Pip Logan, Occupational Therapist, The University of Nottingham; *On line falls prevention tool*
- Dr Andy Ward, GP Partner and Education Lead, Lakeside Healthcare and Senior Clinical Educator, Leicester Medical School; *Can Health Care Assistants provide the key to improved cardiovascular risk?*

The panel was made up of most of the speakers, a patient rep and a representative from the Voluntary and Community Sector. Each pitch had 15 minutes with at least 5 minutes being available for questions.

The winning pitch was '*New Model for Pre-Hospital Urgent Care*' and £5,000 has been passed to Lakeside Healthcare to allow them to take this work further. The proposed use of funding was to; develop this approach formally with EMAS/UHL as a pilot proposal for 6 months with collection of further data, explore the possibilities of using point of care testing to augment capability of RV team to further reduce admissions and explore further outcome data of people admitted and not admitted to hospital.

## Next steps and conclusion

Ann Crawford will work with Professor Derek Ward to come up with an action plan to take some of the emerging themes forward.

An update on the research project in receipt of the pump priming funds will be sought in 12 months.

This report will be shared with colleagues from the NIHR public health research programme board for information.

On the whole, the day was really useful and evaluations were very positive. Lessons have been learnt for future sessions and these will be incorporated/avoided when programmes for other regions are developed.

## Summary of research priorities from different perspectives

| PHE Centre   | Local Authority   | CCG  |
|--|---|--|
| <p>Health Inequalities in the region – lower deprivation levels than the national average. Wide demographic – inner cities and also rural communities with different needs that need to be considered.<br/>Do we need to refine our understanding of inequalities?<br/>Signpost to PHE intelligence may be made more use of.</p>   | <p>Research needs to look at the whole system in a complex setting and take into consideration the different communities people live in.<br/>What are the shared risk factors of the different groups in the East Midlands?</p>   | <p>Recognition and understanding of different communities and diverse population in region and their health needs</p>  |
| <p>Six outcomes where region is worse than England average. Need prospective and retrospective research to understand and help –</p> <ul style="list-style-type: none"> <li>• Breastfeeding initiation</li> <li>• Antenatal Sickle Cell and Thalassaemia screening</li> <li>• Chlamydia screening</li> <li>• Dementia Prevalence</li> <li>• Uptake of flu vaccinations</li> <li>• The rural health agenda</li> </ul> | <p>Research relevant to policy –</p> <ul style="list-style-type: none"> <li>• Integrated lifestyle services</li> <li>• Evaluation of social prescribing</li> <li>• Health economics expertise – how can we get this into LA?</li> <li>• Intervention development – social marketing and behaviour changes</li> <li>• STP environment for commissioning</li> </ul> | <p>CCGs have a statutory duty to engage in research but this needs support – patient participation is key, PC and SC need capability and capacity building</p>                               |
| <p>GCSE achievement – links between lifestyle and GCSE attainment</p>  | <p>Research relevant for the diverse populations – rural and inner cities, new models of delivery, a view to value for money</p>  | <p>A whole system approach is necessary, forging closer links between health and care.<br/><br/>But pathway research can also be vital</p>   |
| <p>Uptake and follow ups on NHS Health Checks</p>  | <p>Translational Research – implementation science.<br/>Research on getting research into practice – bench to bedside<br/>What does this research recommendation look like in the real world?</p>   | <p>Lots of primary care practitioners are interested in research – PC data is a huge repository of information. SC likewise. Practitioners could be great leads for research if engaged.</p> |
| <p>Obesity prevalence</p>  | <p>Research funding and policy – joining up of</p>  |  |

|   |   |  |
|---|---|--|
|   | funding streams, different cultures, development of future workforce, service support costs. With the political context in mind |  |
| Alcohol consumption and hospital admissions   | Research relevant for the diverse populations – rural and inner cities, new models of delivery, a view to value for money       |  |
| Smoking cessation   |   |  |
| Make use of the East Midlands Partner Organisations – how do we work collaboratively? |   |  |

## Appendix 1: Attendees

| Name                              | Job Title  | Organisation                                    |
|-----------------------------------|--|---|
| Professor Jonathan Nguyen Van-Tam | Clinical Professor of Health Protection  | University of Nottingham                        |
| Julie Wright                      | Governance and Risk Manager  | Nottingham City Care                            |
| Professor Pip Logan               | Professor of Rehabilitation Research and Occupational Therapist<br>Head of Division of Rehabilitation and Ageing | University of Nottingham                        |
| David Liggins                     | Patient Representative   | NIHR  |
| Shirley Mitchell                  | Head of Research and Innovation  | Nottinghamshire Healthcare NHS Foundation Trust |
| Rod Moore                         | Consultant in Public Health  | Leicester City Council                          |
| Kath Roberts                      | Programme Lead Nutrition and Obesity   | Public Health England                           |
| Janine Johnson                    | Public Health Analyst  | Leicestershire County Council                   |
| Stephanie Webb                    | Public Health Business Partner   | Leicestershire County Council                   |
| Anthony Locke                     | Patient Representative   | -   |
| Ruth Doyle                        | Study Support Service Facilitator  | NIHR Clinical Research Network                  |
| Dr Hanna Blackledge               | Public Health Specialist   | Leicester City Council                          |
| Maria Ward                        | Networks and Policy Officer  | Nottingham Community and Voluntary Service      |
| Helen Johnston                    | Specialty Registrar in Public Health   | Derby City Council                              |
| Anna Follows                      | Screening and Immunisation Manager   | Public Health England                           |
| Dr Andrew Ward                    | GP Partner and Education Lead  | Lakeside Healthcare                             |
| Dr Stuart Maitland-Knibb          | Clinical Director  | Lakeside Plus Limited                           |
| Ryan Swiers                       | Specialty Registrar in Public Health   | Public Health England                           |
| Dr Lucy Gavens                    | Specialty Registrar in Public Health   | Derby City Council                              |
| Ann Crawford                      | Deputy Director Health, Wellbeing and Workforce Development  | Public Health England                           |
| Nicola Hodgkiss                   | Head of Academic Public Health Support   | Public Health England                           |
| Professor Derek Ward              | Head of Centre for Health and Social Care Research   | University of Derby                             |
| Sally Bassett                     | SDCCG Quality Improvement Collaborative / AKI Project Manager  | Southern Derbyshire CCG                         |

|                           |  |  |
|---------------------------|--|--|
| Dr Felix Greaves          | Deputy Director, Science and Strategic Information | Public Health England                          |
| Dr Meng Khaw              | Centre Director, Midlands and East                 | Public Health England                          |
| Professor Elizabeth Orton | Consultant in Public Health                        | Leicestershire County Council                  |
| Tim Parkin                | GP   | Limes Medical Centre                           |
| Jim Connolly              | Chief Nurse and Quality Officer                    | NHS Hardwick CCG                               |
| Professor David Rowbotham | Clinical Director                                  | NIHR   |
| Anne Brice                | Head of Knowledge Management                       | Public Health England                          |
| Professor Mike Hannay     | Managing Director                                  | East Midlands Academic Health Sciences Network |
| Harpal Ghattoraya         | Research Delivery Manager                          | NIHR Clinical Research Network                 |
| Debbie Jeffrey            |  | NIHR Clinical Research Network                 |
| Rachel Hunt               | Screening and Immunisation Coordinator             | Public Health England                          |
| Gillian Carleton-Boylan   | Senior Lecturer                                    | University of Derby                            |
| Dr Tessa Langley          | Associate Professor in Health Economics            | University of Nottingham                       |
| Dr Reza Safari            | Research Fellow                                    | University of Derby                            |
| Dr Rachael Murray         | Associate Professor of Health Policy               | University of Nottingham                       |
| Louise Lester             | Specialty Registrar in Public Health               | Nottingham City Council                        |
| Jane Jobarteh             | Health and Wellbeing Manager                       | PHE East Midlands                              |
| Jonathan Gribbin          | Consultant in Public Health                        | Nottinghamshire County Council                 |
| Kitty Wood                | Study Support Service Facilitator                  | NIHR   |
| Rubina Reza               | Research and Clinical Audit Manager                | Derbyshire Healthcare NHS Foundation Trust     |
| Dr Isabel Perez           | Consultant in Public Health Medicine               | Lincolnshire County Council                    |
| Neil Chadborn             | Research Fellow                                    | University of Nottingham                       |
| Ben Anderson              |  | Public Health England                          |
| Sue Birchinough           |  | Public Health England                          |
| Rob Howard                |  | Leicestershire County Council                  |