North East and North Cumbria
Applied Research Collaboration

‘Better, fairer health and care at all ages and in all places’
Context

• Research partnerships between Universities and health and social care organisations

• Replace 13 CLAHRCs which covered most of England (who had £20M over 10 years)

• We are unconditionally designated by NIHR with £9M over 5 years (£6.9M matched funding)

• We can bid for an additional £15 million for work on national priority topics

• ARC remit
  • research/evaluation on local priorities
  • knowledge mobilisation, implementation
  • capacity building, capability development
  • public engagement and involvement
  • Making a difference to health, well-being, care delivery and outcomes
## Research/Cross-cutting Themes and membership by sector

<table>
<thead>
<tr>
<th>Theme</th>
<th>HEI</th>
<th>NHS</th>
<th>LA/PH</th>
<th>VCS</th>
<th>Industry</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multimorbidity, ageing and frailty</td>
<td>39</td>
<td>8</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>48</td>
</tr>
<tr>
<td>Supporting children and families</td>
<td>20</td>
<td>23</td>
<td>3</td>
<td>10</td>
<td>0</td>
<td>56</td>
</tr>
<tr>
<td>Prevention, early intervention and behaviour change</td>
<td>41</td>
<td>10</td>
<td>26</td>
<td>5</td>
<td>0</td>
<td>82</td>
</tr>
<tr>
<td>Integrating physical, mental health and social care</td>
<td>13</td>
<td>12</td>
<td>2</td>
<td>0</td>
<td>1</td>
<td>28</td>
</tr>
<tr>
<td>Inequalities and marginalised communities</td>
<td>29</td>
<td>8</td>
<td>7</td>
<td>8</td>
<td>1</td>
<td>53</td>
</tr>
<tr>
<td>Evaluating change with pace and scale</td>
<td>20</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>24</td>
</tr>
<tr>
<td>Assistive technologies and data linkage</td>
<td>23</td>
<td>13</td>
<td>5</td>
<td>7</td>
<td>3</td>
<td>51</td>
</tr>
<tr>
<td>Knowledge mobilisation and Implementation Science</td>
<td>11</td>
<td>8</td>
<td>8</td>
<td>0</td>
<td>30</td>
<td>27</td>
</tr>
<tr>
<td>Total</td>
<td>196</td>
<td>84</td>
<td>53</td>
<td>31</td>
<td>35</td>
<td>369</td>
</tr>
</tbody>
</table>

**NIHR: £9 million over 5 years**
**HEI matching: £5.5 million over 5 years**
**Care + other matching: £1.5 million over 1 year**
# National Leadership Work

<table>
<thead>
<tr>
<th>ARC/Region</th>
<th>Topic lead</th>
</tr>
</thead>
<tbody>
<tr>
<td>East of England*</td>
<td>Mental Health; Palliative and End of Life Care</td>
</tr>
<tr>
<td>East Midlands</td>
<td>Multimorbidity; Equality, Diversity &amp; Inclusion</td>
</tr>
<tr>
<td>Kent, Surrey &amp; Sussex</td>
<td>Social Care</td>
</tr>
<tr>
<td>Greater Manchester</td>
<td>Economics</td>
</tr>
<tr>
<td>North East &amp; North Cumbria</td>
<td>Prevention; Inequalities</td>
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<tr>
<td>North Thames</td>
<td>Population health</td>
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<tr>
<td>North West Coast</td>
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<tr>
<td>North West London</td>
<td>Cardiovascular issues</td>
</tr>
<tr>
<td>Oxford and Thames Valley</td>
<td>Behavioural Science</td>
</tr>
<tr>
<td>South London*</td>
<td>Mental Health; Palliative and End of Life Care</td>
</tr>
<tr>
<td>South West Peninsula</td>
<td>Child Health</td>
</tr>
<tr>
<td>Yorkshire &amp; Humber</td>
<td>Urgent and Emergency Care</td>
</tr>
<tr>
<td>Wessex</td>
<td>Ageing and Dementia</td>
</tr>
<tr>
<td>West</td>
<td>Applied Health Informatics</td>
</tr>
<tr>
<td>West Midlands</td>
<td></td>
</tr>
</tbody>
</table>

* Joint leads
Implementation Strategy
(regional and for national lead areas)

ARC vision, aim, objectives

What success looks like:
- Implementation plans
- Implementation outcomes
- System relevant and responsive

Implementation strategy

What we will do:
- Co-production/ advice/ tools /frameworks
- Evaluation/ design/ dissemination/ sharing lessons learnt
- Monitoring

Impact on practice, sustainability, outcomes

How we will measure success:
- Measured outcomes
- Patient/client, public, practitioner feedback
- System stakeholder feedback

Implementation Strategy Advisory Group
Implementation Lead: Paula Witty
Developing Capability and Capacity: NENC ARC College

• Career researchers within Themes & associated universities:
  • 1 ARC Post-doc Fellow (11 in total)
  • 2 PhD (23 in total)
  • + 4 Post-doctoral ARC Fellowships (12months)

• Responsive to the needs of Health & Care System
  • 4.5wte KM Fellowships (24months but flexible)
  • 16 care sector internships

• Early stage
  • Accessible training for practitioners
  • Undergraduate & masters level modules
  • 8 Early stage projects

• Rolling programme of seminars
ARC added value:

- Co-produced research
- Linking up networks
- More research capacity
- Greater capability
- Better knowledge exchange
- Engaged people in all local areas
- Impact – making a difference
Sept 2019

Stakeholder Board
Chair Professor Sir Michael Marmot
NHS - Hospital
Primary Care
Public Health
Social Care/AnnWorkman
Voluntary Sector
PPI
AHSN – Julia Newton
University sector
Stephen singleton for NW

Arc Operational Executive
Director - Eileen Kaner
Deputy director - Chris Price
ARC manager – Jane Pearson
Implementation lead - Paula Whitty
Training Co-lead
PPI lead - Lynne Corner
Open funding chair – Diane Cox (Cumbria)
A lead or deputy from each Theme
Other partner HEI – Durham (Amanda Ellison);
Sunderland (Tony Alabaster)
Care sector leads – Tom Hall; Jacqui Old; Brendan Hill; Shona Haining
AHSN representative – Nicola Wesley

Scientific Advisory Board
Chaired by Professor Sir Ian Gilmore
TBC

ARC Open Funding Panel
Chaired by Diane Cox; ARC deputy; social and health care representatives; 2 theme deputies; RDS representative; implementation link; training link; 2 PPI representatives

Research Theme 1
Multimorbidity, Ageing & Frailty

Cross-cutting Theme 1
Integrating Physical, Mental Health & Social Care; Denis Martin, Chris Price, David Ekers

Cross-cutting Theme 2
Inequalities & Marginalised communities: Clare Bambra, Monique Lhussier, Tom Hall

Cross-cutting Theme 3
Assistive Technology & Data Linkage: Paul Burton, Ian Davidson, Eugene Milne

Cross-cutting Theme 4
Evaluating change with pace & scale: Luke Vale, Dawn Craig, Tim Rapley

Cross-cutting Theme 5
Knowledge Mobilisation & Implementation: Tracy Finch, Peter Van Der Graaf, Allison Farnworth

Research Theme 2
Supporting children & families

Research Theme 3
Prevention, Early intervention & Behaviour change

PPI Committee
Lynne Corner

Implementation Committee
Paula Whitty
Shona Haining

Training Group
Cath Exley, Amanda Clarke, Lesley Young Murphy
Open Funding Competition

- Annual competition 2020 / 2021 / 2022
- £0.8m - £1m p.a.
- Up to 10 projects: maximum 2 years and £100k
- 1 Theme HEI + 1 other partner + PPI
- Must reflect ARC priorities and have measurable output
- Strongly encourage co-funding / support in kind
- Proportionate review
- Independent Scientific Advisory Board sign off
- Equity
  - Geographical
  - Theme
  - Sector
  - Seniority
Timelines

- 1st Oct 2019  ARC launch
- Dec 2019  ARC Fellow appointments
- Jan 2020  Open funding call
- March 2020  ARC PhD interviews
- 1st April 2020  ARC Fellows start
- April 2020  First knowledge mobilisation fellow competition
- Aug/Sept 2020  ARC PhD start
- 1st Oct 2020  Start 1st open funding projects
- 1st Oct 2020  Start 1st knowledge mobilisation fellows