HMRI Research Support System Design

Increasing Clinician Research Capability

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2020-01-29

In partnership with our Community

THE UNIVERSITY OF NEWCASTLE AUSTRALIA

NSW GOVERNMENT | Health Hunter New England Local Health District

What is the current problem?

- HMRI is to increase the amount of T3-T4 translation research
- 😿 There are no/limited pathways for clinicians to develop research capability
- 😿 Blockages at the interface between HNELHD, UoN and HMRI
- clinicians that are active in research provide better care to patients

What is the purpose of this exploration?

To develop a prototype model where HMRI can facilitate research pathways/ capability development for clinicians within the HNELHD.

Critical Questions?

- What are the stakeholder and organisational objectives?

- Are we trying to train better researchers or do better clinically relevant research

- How do we define research capacity development?

- what is the span of operation and activities (individual, organisation, network)

- what are the mechanisms that support meaningful RCD

- What are the possible models -Prioritisation;
  - Mentoring for research;
  - Research leadership;
  - Research facilitation;
  - Research skills training;
  - Funding (including bursaries and fellowships);
  - Networks and collaborations; Infrastructure.

Key stakeholders to speak to

- Peter Pockney (UoN/HNE - surgery)

- Liz Sullivan (UoN)

- John Attia (UoN/HNE)

- John wiggers (UoN/HNE)

- Maralyn Foureur (Uon/HNE nursing)

- "consumers"

Summary from Pete Pockney

- Clinical Research Fellowship for trainee surgeons
- Introduced to increase rates of acceptance into Advanced training
- Potentially transferable to other areas in medicine
- works well when jobs can be split
- Key aspects: Administration, Projects
- Risks : In other areas retaining these researchers as clinicians

do we need more trained researchers?

Uncovering the mechanisms of research capacity development in health and social care: a realist synthesis

Jo Cooke, Paolo Gardois & Andrew Booth ✉

Health Research Policy and Systems **16**, Article number: 93 (2018) | Cite this article

1919 Accesses | **4** Citations | **15** Altmetric | Metrics

*"""a set of purposefully coordinated components that target multiple levels and sectors of a system, that operate both independently and inter-dependently, and that interact in the contexts in which they are implemented""

- "empowering and enabling different levels of the health

Program theories (other than just training)

Signalling the importance of Research Capability Development

- Positive role models
- signal importance
- make a difference Functional aspects
- Liberate talents
- release Resources
- Learning by doing
- co-production of knowledge

Alternative ways to achieve the purpose

- team based, e.g. the embedded economist/statistician/implementation scientist

- utilising/adapting current resource

Where to from here?

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