



Training Best Practice @ Manchester BRC

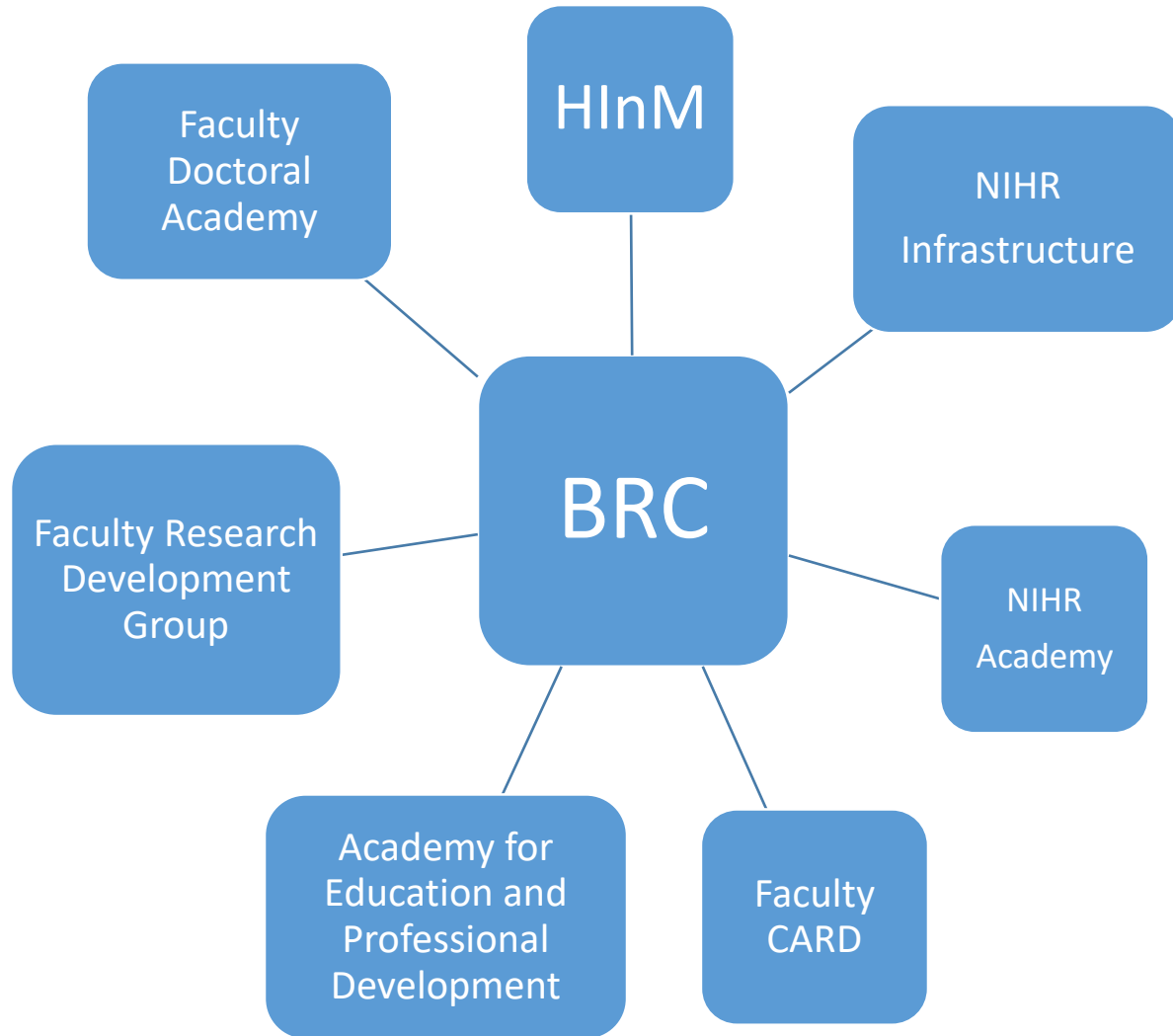
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- Professor of BioHealth Informatics and Education
- Hosted in the Division of Informatics, Imaging and Data Sciences at The University of Manchester
- Focus on Team Education in Digital Health & delivering skills development at large scale from schools to fellowship levels
- MSc in Health Informatics
- National Training Lead for Health Data Research UK
- @GeneralGeorge

BRC landscape



Building capacity in experimental medicine to support and expand BRC research

- Graded

Entry level to advanced

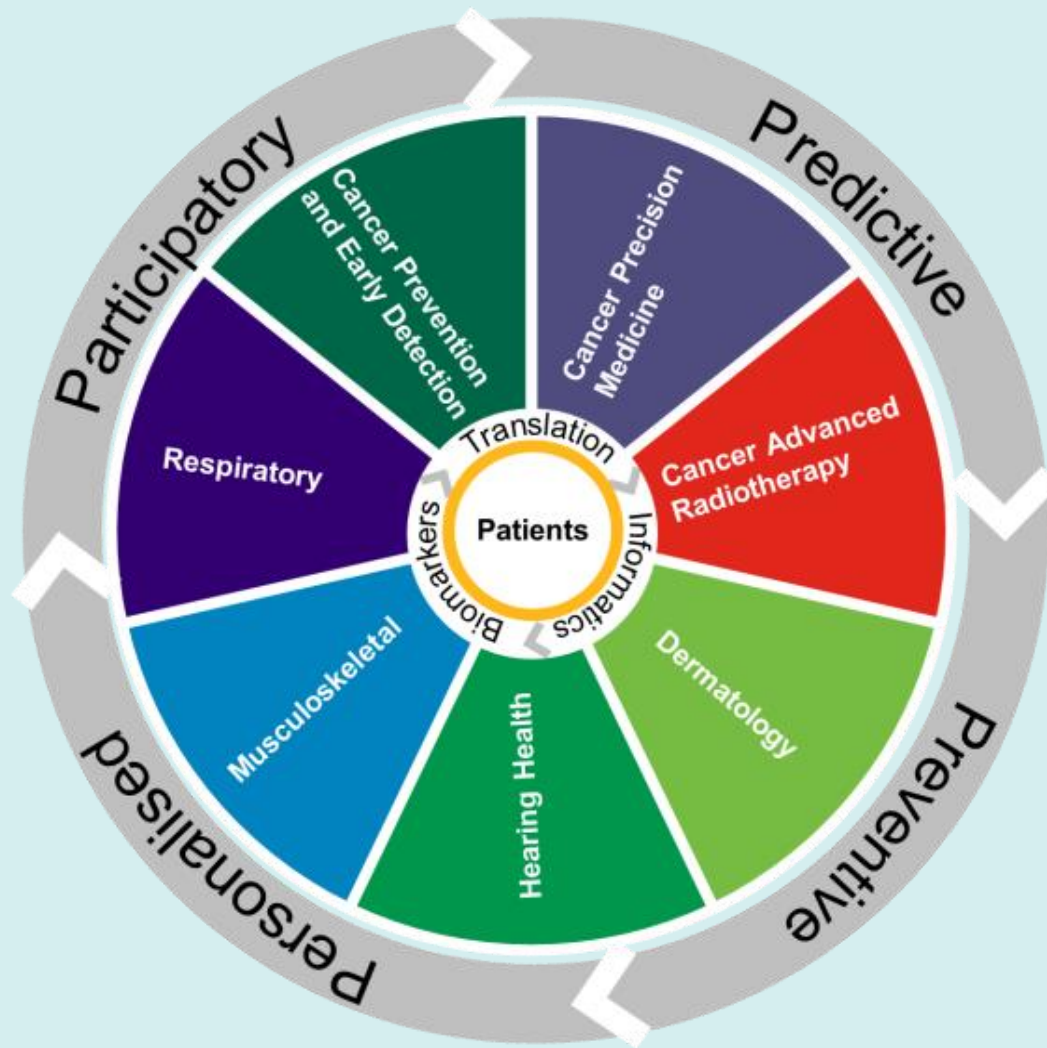
- Inclusive

Bioscientists, Clinicians, Allied Health Professionals and Research Managers

- Flexible

FT, PT, research placements, events

BRC Themed Discussion and Networking Events



Health Risk Prediction – Methodology and Applications Training Event

- Aimed for those working across the BRC who were interested in hearing more about predictive modelling and machine learning
- Objectives:
 - Approaches for analysing electronic health record data
 - Validation and reporting of clinical prediction models
 - Statistical and AI/Machine Learning models for risk and outcome prediction

Successes & challenges

- Successes:
 - Brought people from all backgrounds across the BRC to focus on a important area that cross-cuts all of the themes in the BRC.
 - The talks worked well – selection of speakers focussed on methodology to application
 - Facilitated round table discussions highlighted the different perspectives and levels of understanding of the area.
- Problems
 - The diversity of understanding meant the round table discussions didn't' work for everyone.

Outcomes

- Clinical Prediction Modelling Group set up that will meet on a regular basis to further understanding and act as a surgery
- A week long programme is under development that will focus on this area that will range from understanding underlying concepts and some of the practical issues through hands on workshops.
- This will fit within a wider development of a Digital Health programme that has started at Manchester BRC.

Manchester Mini-NIHR Training Camp

- One day training camp based on the NIHR Training Camp
- Full grant proposal in a day to solve a Public Health problem

