Imaging - Project Plan Roadmap Workstreams

Workforce	Infrastructure	Science	Industry	Engagement and PPI
Lead: Prof Vicky Goh and Dr Beverley Snaith Anthea Mould (CRN Support)	Lead: TBC	Lead: Prof Stephen Keevil and Prof Fiona Gilbert	Lead: Dr Richard Graham	Lead: Dr Beverley Snaith and Anthea Mould
Support for national schemes designed to increase research time for NHS staff; for example, a possible Associate Professorship scheme with the RCR and NIHR CRN. Publicise opportunities for NIHR Fellowships in imaging research. Contribute to review of NIHR Integrated Academic Training programmes, including greater flexibility in NIHR Academic Clinical Fellowship and Clinical Lecturer schemes. For example, continuation as a Clinical Lecturer concurrent with NHS Consultant appointment.	Review NIHR CRN Central Portfolio Management System (CPMS) fields to ensure that 'imaging' is recorded for all studies (Interventional and Observational)	Establish an image repository linked to cognate clinical data by working with the NIHR Biomedical Research Centres, the NIHR Health Informatics Collaborative, CRN Accelerating Digital project, CRN Medical Informatics and Data Linkage project, and the XNAT platform.	Work with the NIHR Office for Clinical Research Infrastructure (NOCRI) and the Clinical Research Network to secure new partnerships with industry.	Create NIHR CRN Imaging network.
Embed research training into the training pathway for clinical radiology and for radiographers. Include a series of questions on research in the Royal College of Radiologists workforce survey and equivalent exercises with other professional bodies.	Work with research funders and NIHR CRN Attributing the costs of health and social care Research and Development (AcoRD) user group to review service support and research funding models for imaging studies, including Excess Treatment Costs.	Encourage academics to publish their algorithms to help with benchmarking and analysis of new algorithms.	Support existing work with the European Organisation for Research and Treatment of Cancer (EORTC) and the European Institute for Biomedical Imaging Research (EIBIR) to develop designated imaging sites.	Improve NIHR awareness, through series of presentations to key Royal Colleges professional societies (including Society of Radiographers, British Nuclear Medicine Society and Institute of Physics and Engineering in Medicine), research funders and industry.

Roll out NIHR CRN Research Literacy materials. Discuss support for existing initiatives with the James Lind Alliance, Royal College of Radiologists, other professional organisations and the CRN.	Review support processes for research set-up, including model contracts, to ensure imaging research is fit for purpose.	Develop ways to harmonise standard operating procedures in image analysis and data acquisition drawing on the existing PET imaging network model.	Discuss the possibility of new industry partnerships to create a fund to buy out the time of NHS imaging staff for research.	Develop a presentation pack for wide distribution, including to NHS senior leaders, that explains the importance of, and opportunities in, imaging research.
Deliver a campaign using research literacy materials (noted under Engagement), share examples of new health benefits enabled by use of patient data in research.		Harmonise information governance standards.	Improve the use of NIHR CRN as a platform for the multi-centre industry-supported studies that are a priority, including increased efficiency of research approval and set up process.	LCRNs and other cognate elements of NIHR infrastructure to coordinate a series of regional and national workshops along with other initiatives aimed at improving collaboration in imaging research.
Use the Royal College of Radiologists research certificate as a competency framework.	Review possible solutions to addressing Extra Treatment Costs(ETCs) including contributing to University of Sheffield review of ETCs.			
Contribute to the Royal College of Radiologists' and Society of Radiographers' imaging service accreditation scheme administered by the UK Accreditation Service.		Work with Clinical Trials Units and NIHR Research Design Service to explore the possibility of Imaging Trials Units.	Improved access to imaging data sets.	Deliver a campaign using research literacy materials, share examples of new health benefits enabled by use of patient data in research.
Explore replication of the model developed by the National Institute for Academic Anaesthesia Research and Audit Federation of Trainees to increase trainee engagement in research. This includes securing external funding for a large-sample CRN portfolio study.				
Appoint local imaging champions by nominating an imaging lead in each LCRN and develop a cadre of leaders who promote and develop imaging research roles, and promote opportunities provided by the NIHR				