

IRC	GRT	Leads	Purpose
Data Modelling and Uncertainty	Digital Frontiers	Simon Preston, Theodore Kyraios	Our IRC builds from the base of a successful and truly interdisciplinary RPA. It will be a hub, via an online forum and sandpit events, for bringing researchers into productive contact to produce outstanding research.
Digital Health	Digital Frontiers	Chris Hollis	This builds on the Digital Health RPA, which has involved researchers from across the university and increased the amount of high-quality research in this field. The IRC will provide a critical mechanism for showcasing our interdisciplinary expertise in digital health.
End to End Therapeutics	Health and Wellbeing	Chris Denning, Barrie Kellam, Neil Thomas	We will use the Centre for Biomolecular Sciences to draw together strengths in discovery science arising from small molecules, proteins and materials with a view to prosecuting pre-clinical and early stage clinic development of therapeutics and devices.
Improving health and wellbeing in contemporary society	Health and Wellbeing	Tony Avery, Avril Drummond, Pip Logan, Roshan das Nair	By bringing together researchers from across the University (arts, humanities, social sciences, physical sciences, computer science, medicine and health sciences) and working with external organisations, we will identify radical approaches to challenges in health and social care.
Additive Biofabrication	Health and Wellbeing	Ricky Wildman, Felicity Rose	This IRC will generate the internal, national and international networks to support the University as an international leader in the application of additive manufacturing to biological research.
Technological Innovations in Health and Wellbeing	Health and Wellbeing	Penny Gowland and Steve Morgan	The Centre for Healthcare Technologies and Sir Peter Mansfield Imaging Centre are coming together to address challenge-led research questions in human health and wellbeing. Recognising the enormous synergies and potential growth within these communities, we will number more than 150 academics from 10 schools and four faculties.
Advanced Molecular Materials	Transformative Technologies	Andrei Khlobystov, Amanda Wright	By harnessing the methodological breakthroughs and unique expertise available in our groups and centres, we will establish and promote the University as a centre of excellence in molecular materials research.
Advanced Manufacturing	Transformative Technologies	Svetan Ratchev	We will bring together critical mass from different engineering and science disciplines and create a powerful community with a clear vision: to establish firmly Nottingham as the preeminent manufacturing centre in the UK and internationally.
Quantum	Transformative Technologies	Lucia Hackermueller	We will provide a platform for interdisciplinary collaboration and knowledge exchange and form collaborative consortia to successfully apply for large funding calls, including doctoral training centres. We will attract the best young researchers, increasing our output and impact.
Creative and Digital	Cultures and Communication	Sarah Martindale, Paul Hegarty	By connecting practitioners, research groups and companies across the cultural sector and creative industries, we will focus on creative and innovative use of technology in the arts and the digital economy.
Rights, Justice and Global Challenges	Cultures and Communication	Annamaria La Chimia, Karen Salt, Jon Henderson	Our purpose is to support research across the University and with societal stakeholders from across the world that challenges all forms of discrimination and rights violations, with a focus on the role of rights in the UN's 2030 agenda.
EcoSocieties	Developing Sustainable Societies	Dimitris Papadopoulos	We conduct world-leading research on ecological transitions in our societies and approach social issues from an ecological perspective.
Water Works	Developing Sustainable Societies	Rachel Gomes	We aim to be a world-leading international water research network with the expertise to address industrial, environmental, and societal challenges linked to all water processes.
Life in Changing Environments	Developing Sustainable Societies	Mathew Jones, Simon Avery	We have established cross-faculty networks and link to external, cross-sector collaborators, nationally and internationally. We will build upon successful activity as an RPA in pump-priming collaborations, leading to increased external grant income, high-quality research outputs and improved impact.
Governance and Public Policy	Developing Sustainable Societies	Simon Roberts	We will establish Nottingham as a centre of international excellence in public policy research and increase the global reach, impact and reputation of our discoveries. We will bring together UK and UNNC colleagues in dynamic, cross-campus research.