NI RESEARCH C U L T U R E N E T W O R K





Northern Ireland Research Culture Network

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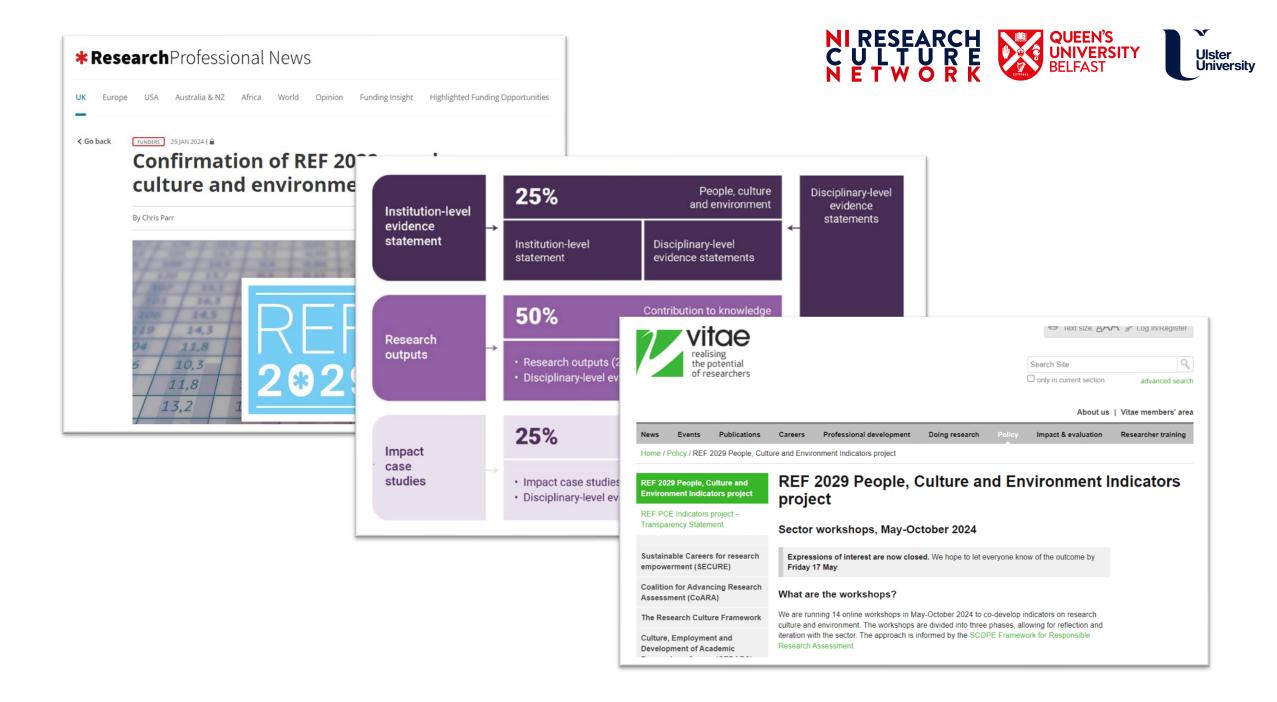
Queen's University Belfast





V Ulster University







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Circular letter

Enhancing Research Culture grant allocations 2022-23

То	Heads of Research England-funded higher education providers
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NORTHERN IRELAND'S RESEARCH CULTURE

OPPORTUNITIES

- R&I seen as critical to economic recovery, growth and productivity
- Proximity to decision-makers, research users, and each other
- Operating in the UK system, but share a border with Rol/ EU
- Track record for world-leading research and innovation outcomes

CHALLENGES

- Less well-developed research ecosystem (and limited information the people and teams within it)
- Low levels of public funding and private R&D activity
- Not as well connected as we should be intra and inter sector

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- Geographical context brings complexity (UK and RoI)
- Limited opportunities to develop and utilise talent
- Low awareness of full diversity of career trajectories

THE PROPOSAL

- Challenges are shared can't be solved by one party in isolation
- Small region, with limited funding need to do more with less
- Queen's invited to apply, and brought Ulster into the fold from outset
- Recognised all-island dimension, and built upon UCD partnership
- **Collaboratively** identified issues and developed a plan building on existing RC initiatives at both institutions
- **Prioritised** activities likely to have biggest impact in short two year funding window available
- Once outline plan agreed, harnessed the opportunity by
 - securing commitment for follow-on funding
 - obtaining support from key partners (gov't, funder, industry)
- Successfully funded for ~£650k / 2 years
- Secured 2 additional years from both universities



Wellcome Trust Institutional Funding for Research Culture Proposal: Northern Ireland Research Culture Initiative (NIRCI)

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Introduction and Context

Science and innovation are at the heart of UK Government's plans for economic growth. The <u>Science and Technology Framework</u> aspires for the UK to become a global 'science superpower', however, a core economic challenge is poor productivity driven by low levels of R&D and innovation, particularly outside of London and the <u>South East</u>. To address this, significant new funding has been allocated to science, with the Government recognising that a thriving research culture that nurtures people and talent is critical to realising its goal.

The regional economic strategy for Northern Ireland (NI) - '<u>10x Economy</u>' - prioritises research and innovation (R&I), and aspires for NI to become a globally competitive small advanced economy: however, it faces a particularly difficult economic context, e.g. <u>lowest productivity</u> of <u>any LK region</u> (17% below UK average), and insufficient R&D expenditure. It also has the lowest draw-down of UK Research and Innovation (UKRI) funds, and block grants for R&I (QR and HEIF) have not increased since 2017 (England +30.4%, Scotland +7.3%, Wales +31%).

Despite this, the universities in NI are well-positioned to play a leading role in delivering this vision, having demonstrated world-leading R& outcomes, evidenced by the recent Research Excellence Framework and consistent recognition as a UK leader for academic research commercialisation. They share a unique geographical context e.g. proximity to industry, government and an EU member state, and are collaborating on emerging opportunities through investment in e.g. Belfast Region City Deal (BRCD) Innovation Centres.

To realise its economic vision and societal potential, NI needs a thriving research culture; however, shared barriers to this exist in HE and the wider R&I ecosystem, which cannot be addressed effectively by any one organisation acting in isolation. These include:

- Poor connectivity/integration between stakeholders, creating barriers to mutual understanding of challenges and shared solutions, inter- and trans-disciplinary and multi-partner research opportunities, and mobility between sectors
- Under-utilisation of research talent driven by a perception of limited development and advancement opportunities, and a lack of awareness of the full diversity of career paths
- A less mature research ecosystem, driven by the research funding gap and low R&D spend, and a lack of awareness and understanding of major research culture priorities and the needs of discrete groups within it

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THE PROJECT

- Establish regional network, including cross-sector Steering Board and Advisory Group
 - Steering Board Oversight and direction for the programme
 - Advisory Group Ensure all voices in the NI research community are heard
- Four key workstreams to be delivered during two years' funding
- Amplifying regional activities through new all-island network
- Independent evaluation element underpinning the entire project
- Two years post-project are most important - harnessing opportunity

1) Understanding the current research community and culture

- Independent research consultancy to conduct landscape review
- Awareness-raising campaign using findings from landscape review

2) Enabling researcher career development and exploring alternative career pathways

- New Research Careers and Employability Officer (at Queen's, working with UU)
- Support, nurture and optimise the pool of research talent in NI
- Align with economic priorities and bridge • connections with non-academic sectors

3) Strengthening capacity and networks for research professionals

- Establish and evolve 'NI Research Professionals Network'
- Two events per year to bring together research managers and administrators
- Represent NI in wider development of RMA as a profession

4) Enabling excellence in 'Practice as **Research' in NI**

- Develop a framework to ensure PaR is support, integrated and nurtured
- Facilitated thematic workshops between Queen's and UU
- Led by UU, linked to importance of creative industries for NI economy

- Develop regional research culture action plan



PROGRESS



- Project funding began on **1 April 2024**
- Focus to date on recruitment to key posts in project team
 - Research Culture Manager (Queen's)
 - Research Culture Manager (UU)
 - Research Careers and Employability Officer (Queen's)
 - Research Culture Assistant (Queen's)
- Tenders to be published imminently for third-party research consultancy and evaluation
- NI Research Professionals Network established and growing (~130 members)
- **Research Careers and Employability Officer** takes up post early June 2024
- First meeting of Steering Board imminent (June 2024) and Advisory Group (Sept 2024)

CONCLUSION



- Wellcome IFRC funding has enabled activities that would not otherwise have occurred
- Including a prime example of the potential for partnership within the region
- Encouraged both institutions to establish and embed research culture teams
- Created a pathway to a regional research culture action plan
- Contributed to the establishment of an **all-island approach to research culture**