



**QUEEN'S
UNIVERSITY
BELFAST**

RESEARCH EXCELLENCE IN EUROPE

**SHAPING
A BETTER
WORLD
SINCE 1845**

ACADEMIC STRENGTH AND IMPACT THROUGH RESEARCH



I am delighted to showcase the excellent European research and impact from Queen's University Belfast.

Our vision is to make a positive impact, both locally and globally, through our research and enterprise. At Queen's, we want to drive change for our society, the environment, and our economy. Our goals are laid out in Strategy 2030, which we launched this year. We aim to maintain and strengthen our position as a global research-intensive university and produce internationally leading research coupled with outstanding teaching and learning. To achieve this, we will focus on quality, partnerships and bespoke support for our staff and students.

We are well-positioned to meet our goals as Queen's is 8th in the UK for Research Intensity in REF 2014 and Times Higher Education (THE). Over 75% of our research was classed 'world-leading' or 'internationally excellent' by REF 2014.

Queen's is ranked 21st for international outlook, 9th for research collaboration and 43rd for impact in the THE World University Rankings in 2021. We are a member of the prestigious Russell Group – a collection of UK research-intensive universities that combine research and teaching excellence.

The pandemic has highlighted the important role of universities in addressing global challenges. Our Global Research Institutes focus on critical issues related to health and well-being; peace, security, and justice; global food security; and future technologies. These tie in strongly with future EU priorities, such as supporting Sustainable Development Goals, tackling climate change, and boosting competitiveness and growth.

I believe that increasing investment in innovation through research will develop a stronger ecosystem for everyone. It will allow us to flourish and develop

new methods of innovative thinking that we can share around the world to address global challenges.

I'm proud of the significant success we have experienced in EU Research Programmes, most notably under Framework 7 and Horizon 2020. So far, we have engaged in more than 125 Horizon 2020 projects, across 70 countries and in more than 600 collaborations.

We are leading the Innovation Strand of the Belfast Region City Deal, an ambitious £350 million plan funded by the UK Government. The plan aims to deliver excellence through innovation in clinical trials, advanced manufacturing, creative industries, and digital technologies.

On 24 December 2020, the UK government announced that it will associate to the new European research and innovation programme, Horizon Europe (2021-2027). This means that Queen's can continue to lead and participate in Horizon Europe proposals fully.

We want to do more. We are ambitious. We want to focus on the future.

I am confident that we will continue to meet global challenges, deliver positive change, and impact whatever challenges may come our way.

I believe Queen's University has much to offer; I look forward to working with you.

Professor Emma Flynn
Pro-Vice-Chancellor for Research and Enterprise



A HERITAGE OF EXCELLENCE AND ACHIEVEMENT

Queen's University Belfast is the ninth-oldest university in the UK. Founded by Royal Charter as Queen's College in 1845, it became a university in its own right in 1908 and has a distinguished record of academic achievement stretching back more than 175 years.

Queen's is one of the top 10 most beautiful historic universities in the UK (QS World University Rankings 2021). Over 75% of research activity at Queen's has been judged to be internationally-excellent or world-leading (REF 2014/ Times Higher Education). Additionally, Queen's University has been placed joint 8th in the UK for research intensity (REF 2014/ Times Higher Education).

Further cementing our reputation for excellence, Queen's is ranked 21st for international outlook, 9th for research collaboration and 43rd for impact in The Times Higher Education World University rankings 2021. It is a member of the Russell Group of the United Kingdom's 24 leading research-intensive universities.

With over 24,000 students, including 3,500 international students from 80 different countries, and 3,500 staff, the University is a dynamic and diverse institution, a magnet for inward investment, a patron of the Arts and a global player in areas ranging from cancer studies to sustainability, and from pharmaceuticals to cyber security.



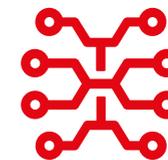


OUR STRATEGIC RESEARCH THEMES

Our strategic research themes will focus on:



A TRANSFORMATIVE AND SUSTAINABLE ECONOMY



SECURE CONNECTED INTELLIGENCE – AI AND THE DATA REVOLUTION

OUR RESEARCH

Queen's has a proud history of conducting innovative, impactful, and world-leading research that improves people's lives.

Our research culture is primed by investment in areas of research strength, particularly our translational expertise. We want to work across disciplines and sectors to address local and global challenges while incorporating UN Sustainable Development Goals.

Research is a global endeavour and we will continue to expand our reach through international research collaborations and partnerships. As our cohort of

collaborators around the world grows, so does the scope of our ambition to tackle global and local challenges.

Our research activities resonate widely due to our teaching and research excellence. We strive to further our global research agenda and face the challenges ahead with integrity, rigour, and ambition.



HEALTHY LIVING FOR ALL



HUMAN ENVIRONMENT RELATIONS



INCLUSIVE AND COHESIVE COMMUNITIES



QUEEN'S GLOBAL RESEARCH INSTITUTES

Queen's Global Research Institutes are flagships for interdisciplinary research in areas of major societal challenge. They bring together a critical mass of excellent researchers from a wide range of disciplines in world-class facilities to tackle some of the greatest global issues of our age.

- **Global Food Security:** Focusing on areas such as modern farming, global food integrity and food health and nutrition. This institute plays a major role in the future of delivering safe, sustainable and authentic food to the world's population, and has become globally recognised for its excellence in research.
- **Technology Futures:** Investigating how to secure, process and safely transmit information created by citizens, enterprise and government. The Institute of Electronics, Communications and Information Technology hosts the award-winning UK Innovation and Knowledge Centre for cyber security.
- **Peace, Security and Justice:** The Senator George J. Mitchell Institute for Global Peace, Security and Justice examines how societies emerging from violence can establish lasting peace. It brings together academics from fields as diverse as Politics and Computer Engineering.
- **Global Health:** Addressing diseases that affect populations worldwide like Cancer, Respiratory Conditions, Eye Disease and Diabetic Vascular Complications by focusing on common areas such as immunology and aspects of infection, and working with the health sector, pharmaceutical and biotech industries.

QUEEN'S FACULTIES SCHOOLS AND INSTITUTES



FACULTY OF ARTS, HUMANITIES AND SOCIAL SCIENCES

Professor Nola Hewitt-Dundas

Pro-Vice-Chancellor for Arts, Humanities and Social Sciences

In its broadest sense the research seeks to better understand and improve the nature of society, culture and the human condition. In this we share a commitment to achieving impact that seeks to ensure that each person is able to reach their full potential and contribute fully to an open, inclusive, culturally enriched, creative and connected society.

- School of Arts, English and Languages
- School of History, Anthropology, Philosophy and Politics
- School of Law
- School of Social Sciences, Education and Social Work
- Queen's Management School
- Institute of Irish Studies
- The Senator George Mitchell Institute for Global Peace, Security and Justice



FACULTY OF ENGINEERING AND PHYSICAL SCIENCES

Professor Chris Johnson

Pro-Vice-Chancellor for Engineering and Physical Sciences

The Faculty of Engineering and Physical Sciences at Queen's University Belfast spans distinct academic disciplines that promote leading advances in science and technology, impact on all aspects of modern living and shape our future as a species.

- School of Chemistry and Chemical Engineering
- School of Electronics, Electrical Engineering and Computer Science
- School of Mathematics and Physics
- School of Mechanical and Aerospace Engineering
- School of Natural and Built Environment
- School of Psychology
- Institute of Electronics, Communications and Information Technology



FACULTY OF MEDICINE, HEALTH AND LIFE SCIENCES

Professor Stuart Elborn

Pro-Vice-Chancellor for Medicine, Health and Life Sciences

The Faculty of Medicine, Health and Life Science's excellence in education and research is evident in programmes that are designed to produce the next generation of leaders. The Faculty has a track record of providing thought-leading learning and a research environment to be admired.

- School of Biological Sciences
- School of Medicine, Dentistry and Biomedical Sciences
- School of Nursing and Midwifery
- School of Pharmacy
- Institute for Health Sciences
- Institute for Global Food Security

FACULTY OF ARTS, HUMANITIES AND SOCIAL SCIENCES



Dr Ian Campbell

School of History, Anthropology,
Philosophy and Politics

Dr Ian Campbell is a Senior Lecturer in History. His research interests lie in early modern British and Irish history, political thought and intellectual history, and the history of race.

Dr Ian Campbell leads a team of historians on 'War and the Supernatural in Early Modern Europe' - a research project funded by the European Research Council and hosted by Queen's University Belfast. The team is re-examining the relationship between faith and force in the Sixteenth and Seventeenth Centuries.

War and Supernature

Modern, liberal Europe prides itself on the separation of religious from political life, and locates the origin of the ability to make this distinction in the Seventeenth Century as a reaction against the age of religious wars. This research project, which is funded by a European Research Council Starting Grant, examines the debates among university intellectuals across Catholic and Protestant Europe on the relationship between Christianity and warfare. It questions the assumption that those with the deepest religious commitments felt inevitably driven to fight savage and unlimited wars justified by religious difference, and argues for older, deeper origins for our modern aversion to the use of force in religious affairs.

Over four years (2016-2020), the project team will analyse, translate, edit, and publish these scholastic debates between religious militants and religious moderates on the role of force in religious life in order to inform and re-shape arguments among political historians on the nature of European religious warfare.

www.war-and-supernature.com



Dr Christopher Coyle

Queen's Management School

Dr Christopher Coyle is a Lecturer in Finance at Queen's Management School and a Research Associate at Queen's University Centre for Economic History. His research examines issues in financial market structure and development from a historical and long-run perspective. He has published in journals including the Journal of Economic History, Business History and the Journal of Financial Stability.

Dr Coyle is involved in the Eurhisfirm project, which aims at designing an internationally renowned research infrastructure to gather, merge, extract, collate, align and share data for Europe.



EURHISFIRM

EURHISFIRM is funded by European Research and Innovation programme Horizon 2020. It strives to design a world-class research infrastructure to collect, merge, extract, collate, align and share detailed historical high-quality firm level data for Europe. To achieve this goal, it develops innovative tools and sparks the "big data" revolution in historical social sciences.

The project meets the need for a benchmark research infrastructure in Europe. It will operate the most comprehensive long-run economic and financial database in the world. The creation of a vibrant European community will support the development of revolutionary responsible innovation technology, which in turn will enable a scientifically reproducible, technically sound and socio-legally robust evidence-base for the stakeholders.

www.eurhisfirm.eu

FACULTY OF ENGINEERING AND PHYSICAL SCIENCES



Professor Máire O'Neill

School of Electronics, Electrical Engineering and Computer Science, and Institute of Electronics, Communications and Information Technology

Professor Máire O'Neill is a leading cybersecurity expert. She is widely regarded as one of Europe's leading cryptography experts and the inventor of a high-speed silicon security chip that is used in more than 100 million TV set-top boxes. She is acting Director of the Institute of Electronics, Communications and Information Technology (ECIT) and Research Director of the Centre for Secure Information Technologies (CSIT) at Queen's. She is also UK Director of the Research Institute in Secure Hardware and Embedded Systems (RISE). Her research interests lie in hardware security and applied cryptography.



SAFEcrypto

The Horizon 2020 project, Secure Architectures of Future Emerging Cryptography (SAFEcrypto) brings together a consortium of four academic institutions, one research-intensive cybersecurity SME and three multi-national security companies, providing a balance of expertise in theoretical cryptographic primitive construction, cryptographic architecture design and optimisations, side channel analysis and key management.

The practical development of a quantum computer will render asymmetric cryptography, which is used in all of today's security systems, insecure by virtue of Shor's algorithm. SAFEcrypto provides a new generation of practical, robust and physically secure quantum-safe cryptographic solutions that ensure long-term security for future ICT systems, services and applications.

www.safecrypto.eu



Dr Dermot Green

School of Mathematics and Physics

Dr Green is a physicist whose main interest is in developing theoretical and computational approaches to describe quantum many-body processes, most notably antimatter interactions with matter. Dr Green is Principal Investigator on the European Research Council Starting Grant project "ANTI-ATOM: Many-body theory (MBT) of antimatter interactions with atoms, molecules and condensed matter".

ANTI-ATOM

This research project, which began in February 2019, is funded by a European Research Council grant. The project proposes to develop theory and state-of-the-art computational methodologies to describe low-energy positron and positronium interactions with atoms, molecules, and condensed matter.

Positrons are the simplest form of antimatter. Their ability to annihilate with electrons, producing characteristic gamma rays, gives them important use in medicine via positron-emission tomography (PET), diagnostics of industrially-important materials, and in elucidating astrophysical phenomena. The positron-atom system is a strongly correlated one, and its description is a challenging many-body problem. The ANTI-ATOM project will tackle this problem, aiming to provide the basic understanding required to interpret and develop the fundamental experiments, antimatter-based materials science techniques, and wider technologies, e.g., PET. Moreover, the new computational methodologies that will be developed will be more generally applicable, enabling new calculations of other properties and processes involving many-electron atoms, molecules and real materials.

FACULTY OF MEDICINE, HEALTH AND LIFE SCIENCES



Professor Lisa Connolly
Institute for Global Food Security

Dr Connolly is a reader in Toxin Food Safety and leads the MSCA ITN, PROTECTED ITN – an international research project exploring Endocrine Disruptors. Her coordination of this project involves 9 countries (UK, France, Spain, The Netherlands, Belgium, Chile, India, Canada) and 4 SMEs. This global network facilitates the innovative research and training of 17 early stage researchers in this worldwide issue. She is also a key partner of the Research Innovation Action (RIA), FREIA project (www.freiaproject.eu) – an international collaboration exploring the impact of endocrine disrupting chemicals on women's fertility. This project provides dedicated, human-relevant, test methods to identify EDCs that cause female reproductive toxicity.



PROTECTED

The project “PROTECTION against Endocrine Disruptors; detection, mixtures, health effects, risk assessment and communication (PROTECTED)” has been selected for funding through the Marie Skłodowska-Curie Actions (MSCA), specifically within the “Innovative Training Networks” (ITN) program, an initiative of the European Commission (EC) to promote academic-industrial collaboration and the training and mobility of PhD students.

PROTECTED aims to develop specialized knowledge and protection capabilities against the so-called endocrine disruptors (EDs), which are chemical pollutants capable of altering our hormonal balance. The EDs and their mixtures are currently a health problem of the first order, with adverse effects such as obesity, cancer and infertility. They can also have a great impact on ecological systems, and for example be responsible for poor agricultural production. The EDs can be found in pesticides, plastics, cosmetics, paints, etc., and given their widespread presence there is a high risk of transfer to the food chain.

www.protected.eu.com



Professor Sharon Huws
Institute for Global Food Security

Professor Huws' key research interests lie in understanding the role that rumen microbes play in ruminant food security. Her research is strategically focused on understanding the functionality of rumen microbes—with the aim of addressing food security and human health—coupled with industrial biotechnology related to the rumen microbiome. She coordinates the global 'Rumen Microbial Genomics' network, is an editor for the journals *Microbiome* and *Frontiers in Microbiology*, as well as a ruminant nutrition section editor for the journal *Animal*. Professor Huws is currently a recipient a Brazil Special Visiting Researcher Award.



RumenPredict

The RumenPredict project, funded via ERA-NET, brings together key members of the RMG network to generate the necessary data to link rumen microbiome information to host genetics and phenotype and develop feed based mitigation strategies. This will enhance innovative capacity and allow integration of new knowledge with that previously generated to devise geographic and animal-specific solutions to reduce the environmental impact of livestock ruminants.

Ruminant production is responsible for ~ 9% of anthropogenic CO₂ emission and 37% of CH₄ emissions. Release of methane results in 6–12% less energy being available to the animal. Ruminants also contribute towards NO_x within the environment, a persistent gas in the atmosphere which has 296 times more warming potential than CO₂. RumenPredict will provide a platform for predicting how host genetics, feed additives or microbiome may affect emission phenotypes and develop genetic/diet/prediction technologies further for implementation to improve nitrogen use efficiency whilst decreasing environmental impact of ruminants.

www.eragas.eu/research-projects/invent



Professor Tunde Peto

Centre for Public Health, Institute for Health Sciences

Tunde Peto is Professor of Clinical Ophthalmology, Clinical Lead for Diabetic Eye Screening Programme Northern Ireland and a Consultant Ophthalmologist in Medical Retina. She has been named as one of the UK's 25 most influential researchers who study diabetes complications and is internationally renowned for establishing diabetic retinopathy screening and training programmes. She is the founding member of the European Eye Epidemiology group that brought 27 epidemiological studies together in order to build collaboration and develop further research platforms in Europe.

EYE-RISK

EYE-RISK

The EYE-RISK project is funded by the European Research and Innovation programme Horizon 2020 and is a collaborative research effort to find a cure for Age-Related Macular Degeneration (AMD). Using a systems medicine approach, EYE-RISK aims at identifying risk factors, molecular mechanisms and therapeutic approaches for the complex eye disease AMD which is the leading cause of blindness in European countries.

AMD is a persistent, progressive and incurable disease leading to declining sight that progresses to complete loss of vision. Patients suffering from AMD lose vision in the central part of the retina that is critical for reading, driving a car and recognising faces. EYE-RISK research will specify



Dr Imre Lengyel

Centre for Experimental Medicine

Dr Lengyel is a leading expert on eye health. His research focusses on age-related macular degeneration, the relationship between dementia in the brain and changes in the retina and the trace minerals influence eye health to introduce nutritional intervention for eye (and possibly brain) abnormalities.

Dr Lengyel was also on the Management Board of funding organisation COST (European Cooperation in Science and Technology) and is part of ZINC-NET – the network for the biology of zinc.

who is at risk of developing AMD, who is at risk for progression, why and how risks combine to advance progression in specific patients and what we can do to lower their risk. The project will also identify molecular drivers for AMD. This will allow better diagnosis, better risk-based prevention strategies and better development of therapies.

 @EyeRiskEU

www.eyerisk.eu

www.linkedin.com/company/eye-risk-project



Professor Kevin Brazil

School of Nursing and Midwifery

Kevin Brazil is a Professor in Palliative Care, and partner in the H2020 RIA, DIAdIC. Launched last year and running until 2023, DIAdIC is a transdisciplinary, cross-national research project evaluating the effectiveness and cost-effectiveness of 2 psychosocial and educational interventions for advanced cancer patients and their family caregiver, aiming to inform European countries on which interventions generate the best for the individuals.

DIAdIC

Dyadic Psychosocial Interventions for people with Advanced Cancer and their Informal Caregivers (DIAdIC) has received funding from the European Union's Horizon 2020 research and innovation programme.

DIAdIC is a transdisciplinary, cross-national research project evaluating the effectiveness and cost-effectiveness of 2 psychosocial and educational interventions, aiming to inform European countries on which interventions generate the most favourable outcomes. The project will run from December 2018 until December 2023.

www.ecpc.org/activities/projects/diadic

PROMOTING PhD TALENT

The Graduate School provides an exclusive postgraduate hub for taught and research students. Based in the restored and remodelled Lynn Building, it was reopened as a library in 1858. The fully accessible refurbished space has modern hi tech group study rooms, silent study area, and social spaces, creating a vibrant hub for intellectual exchange and collaboration.



Professor Margaret Topping
The Graduate School

A Professor of Modern Languages, Margaret Topping is Dean of the Graduate School. She developed a vision for a unique partnership between Academic Schools/Research Institutes and The Graduate School which enables our postgraduate students to stand out as 'what's next thinkers'. She is closely involved in research and good practice networks on postgraduate education and research. Professor Topping leads on the SPARK programme.

The Queen's postgraduate experience is embedded in the Masters or PhD Programme, but is also so much more. The Graduate School is about intellectual challenge beyond disciplinary borders, personal effectiveness and skills development, promoting a culture of opportunity and enterprise, and a rich, diverse, inclusive social community.

SPARK

SPARK is a Horizon 2020 MSCA COFUND Doctoral Programme that supports 20 interdisciplinary PhD students at Queen's University Belfast. At its core, the SPARK Programme is driven by the need to develop future leaders whose skills combine disciplinary excellence with a capacity for interdisciplinary, inter-sectoral and international (3i) working.

In essence, SPARK combines ground-breaking research projects with higher level skills development at cohort level which seeks to produce creative thinkers and problem-solvers. Researchers are based in academic Schools or research institutes across all three of Queen's Faculties: Arts, Humanities and Social Sciences (AHSS); Engineering and Physical Sciences (EPS); and Medicine, Health and Life Sciences (MHLS).

 @QUBSPARK_EU

www.qub.ac.uk/Study/PostgraduateStudy/FundingandScholarships/Doctoral-Training-Centres/spark/AboutSpark



Professor Brian Falzon
School of Mechanical and Aerospace Engineering

Professor Brian G. Falzon is the Head of School of Mechanical and Aerospace Engineering. He is the Director of the Advanced Composites Research Group at Queen's and is internationally renowned for his work on the computational analysis, design, manufacture and testing of advanced composite aerostructures.

Professor Falzon coordinates the ICONIC (Improving the Crashworthiness of Composite Transportation Structures) research project. ICONIC ultimately links back to energy efficiency as Europe's aerospace, automotive, and rail industries increase their use of lightweight composite materials to meet targets set within the EU's climate, energy and transport policies.



ICONIC

The ICONIC project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie Actions and brings together leading academic and private sector participants to address the very important issue of improving crashworthiness in composite transportation structures. The project is coordinated by Queen's University Belfast and involves nine beneficiaries and seven partner organisations from six European countries.

The central aim of ICONIC is to develop a critical mass of research and engineering leaders, with a world-leading capability in the design of lightweight aeronautical, automotive and rail transportation composite structures with superior crashworthiness. These challenges are addressed by bringing together 15 Early Stage Researchers (ESRs) in an innovative, multiscale and multidisciplinary research and skills development programme that goes beyond the state-of-the-art.

www.iconic-itn.eu



THE FUTURE OF RESEARCH TALENT AT QUEEN'S

Queen's wants to continue to recruit, develop and nurture outstanding researchers who will deliver world-leading research and become our research leaders of the future.

As a Fellow at Queen's, you will be part of a world-class international university built on teaching excellence, leading-edge research, innovation, collaboration and engagement, and will play a key role in shaping our future priorities. All winners of prestigious external fellowships are inducted to our Fellowship Academy for bespoke training, mentoring and networking opportunities to support development and progression. Those winning larger fellowships (such as ERC Starting Grant) secure a career pathway to a permanent Senior Lecturer/Reader post as well as access to dedicated start-up funds.

We look forward to welcoming candidates and seeing you become the next generation of world-class researchers at Queen's.

A world-class international university built on teaching excellence, leading-edge research, innovation, collaboration and engagement



Professor Dagmar Schiek
School of Law

Dagmar Schiek is Professor of Law with a focus on European Union Law, Comparative Law and Labour Law. She is an internationally acknowledged expert in European Union antidiscrimination law and policy. Professor Schiek is the author of multiple high-profile publications and her renowned expertise has taken her across the world, advising and consulting with governments and policy makers.

Professor Schiek joined Queen's in 2014 and says she was impressed by the School of Law and its emphasis on EU Law teaching. She says,

"Queen's University has strong connections both across the European Union and with other Irish universities. The University has an international focus and a strong vision for the European Union. Furthermore, Northern Ireland is uniquely placed in terms of the European Union and is an exciting place to conduct research."



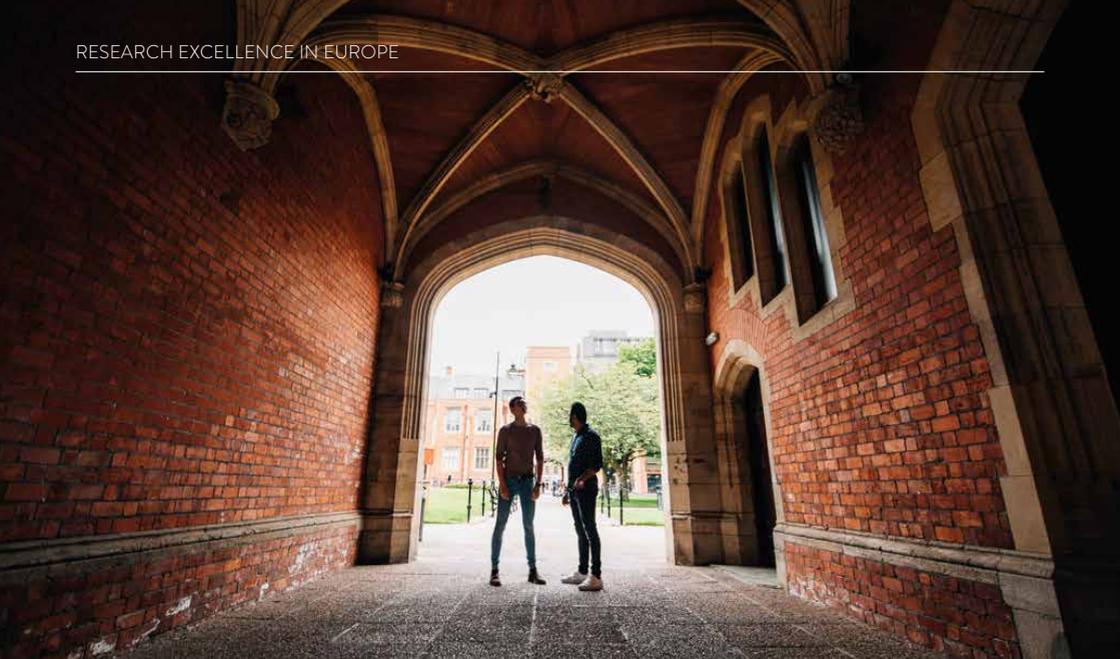
Professor Mauro Paternostro
School of Mathematics and Physics

Mauro Paternostro is Professor of Quantum Optics and Quantum Information Science at the School of Mathematics and Physics. He has contributed significantly to the assessment of quantum effects in large-scale physical systems, investigating the boundary between classical and quantum mechanics from an information theoretical viewpoint and with both theoretical and experimental efforts. He is a pioneer in the fields of theoretical optomechanics and the thermodynamics of quantum processes. Recently, he has started a new research line aimed at ascertaining the possible quantum nature of gravity.

He has been awarded numerous prestigious fellowships, including the 2019 Royal Society Wolfson Research Fellowship.

Professor Paternostro joined Queen's as a staff member in 2008:

"Queen's has a strong tradition in atomic, molecular and optical physics, which is my main field of investigation. Queen's attracts some of the best research students in Ireland, UK and Europe alike, and this is an enormous asset for my group. I am grateful to the University for the enduring support to my group, which has been invaluable. As a working environment, the School of Mathematics and Physics is up where the best institutions in Europe belong."



ILLUMINATE: THE VICE-CHANCELLOR'S FELLOWSHIP SCHEME

The key components of the Fellowship Scheme is as follows:

- The Fellows will be in the early-stages of their career with research interests that align to current research strengths at Queen's.
- This is a 5-year scheme with a pathway to a Senior Lecturer/Reader post at the end of the Fellowship, and Fellows can expect to be made permanent by the end of year 3, subject to meeting relevant criteria.
- All Fellows will become members of the 'Fellowship Academy', a comprehensive and bespoke development service that will include access to a Fellows Network, Mentorship Programme and a range of professional training and development options delivered via workshop sessions, online learning and peer coaching groups.
- Teaching and administrative duties will be reduced to allow the Fellows to focus on their research.
- This open and inclusive opportunity invites applications from candidates with diverse career paths and backgrounds, including those returning from a career break, family leave or working outside a research environment.





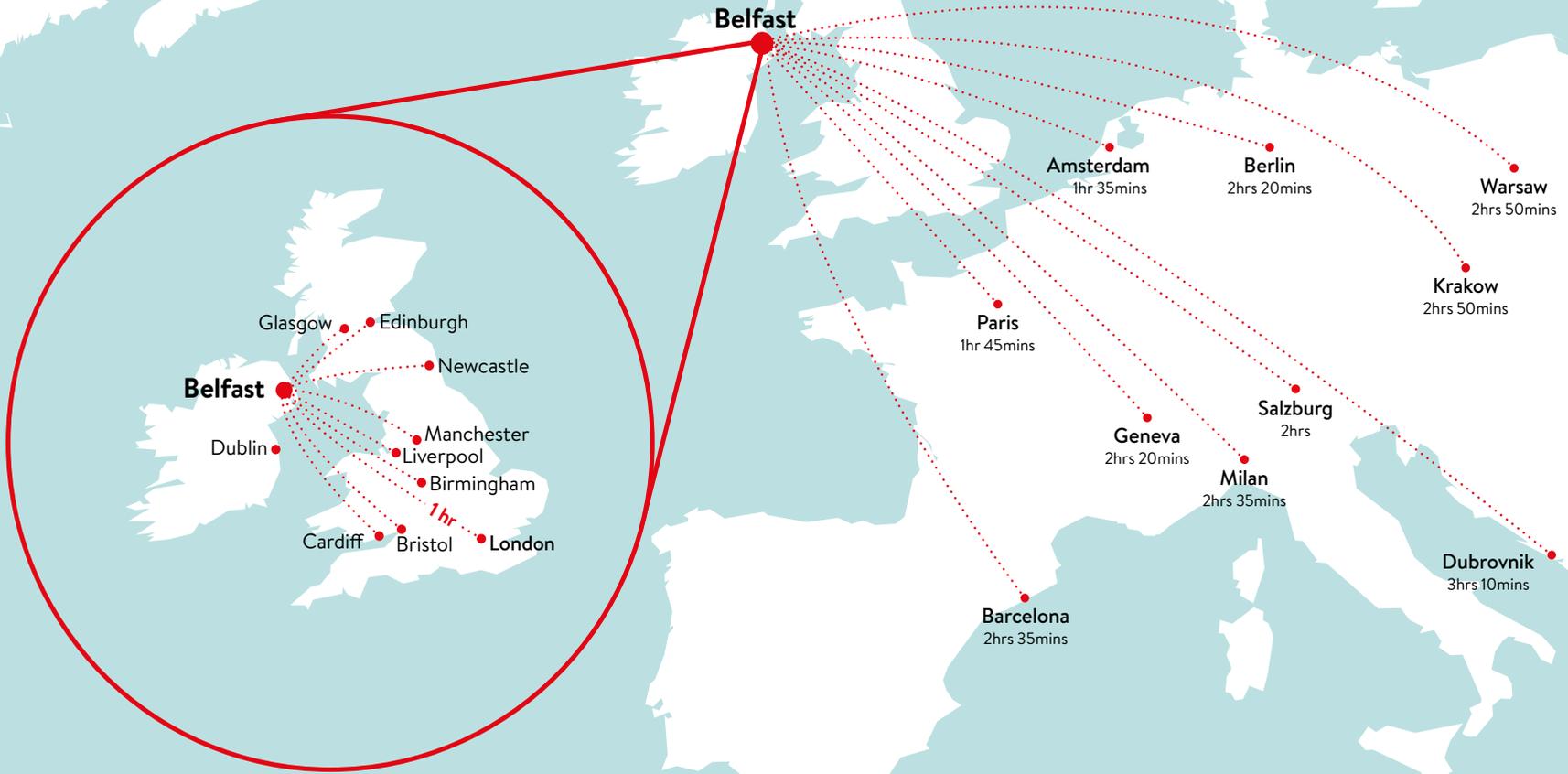
QUEEN'S PROPOSITION

The world is changing at an unprecedented pace. Every sector is embracing transformation, drawing on a wealth of new insights and tools to advance in today's connected society.

At Queen's we have a bold ambition to be a leader in tackling the challenges we see ahead. Making a global impact through excellence in research and innovation across a range of disciplines is central to what we do at Queen's.

We hope that you will work together with us, in partnership, to make vast advances in European Research tackling global issues.

Making a global impact
through excellence in
research and innovation



WHY BELFAST?

Belfast is a modern capital city, welcoming, easy to get around and an inexpensive place in which to live and study. It is also a learning city. It has a passion for progress – a passion shared by Queen's University. As Belfast flourishes as a global food, culture, arts and shopping destination, Queen's is positioned in the beating heart of the city, sharing a commitment to excellence, innovation and prosperity.



BELFAST HAS THE LOWEST STUDENT RENT IN THE UK

(NATWEST STUDENT LIVING INDEX 2020)



NORTHERN IRELAND IS THE HAPPIEST PLACE TO LIVE IN THE UK

(LLOYDS BANK HAPPINESS INDEX, 2020)



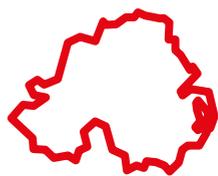
BELFAST IS IN THE WORLD'S TOP 10 DIGITAL ECONOMIES OF THE FUTURE – THE ONLY UK CITY OUTSIDE LONDON TO BE LISTED

(FINANCIAL TIMES' FDI INTELLIGENCE, 2018)



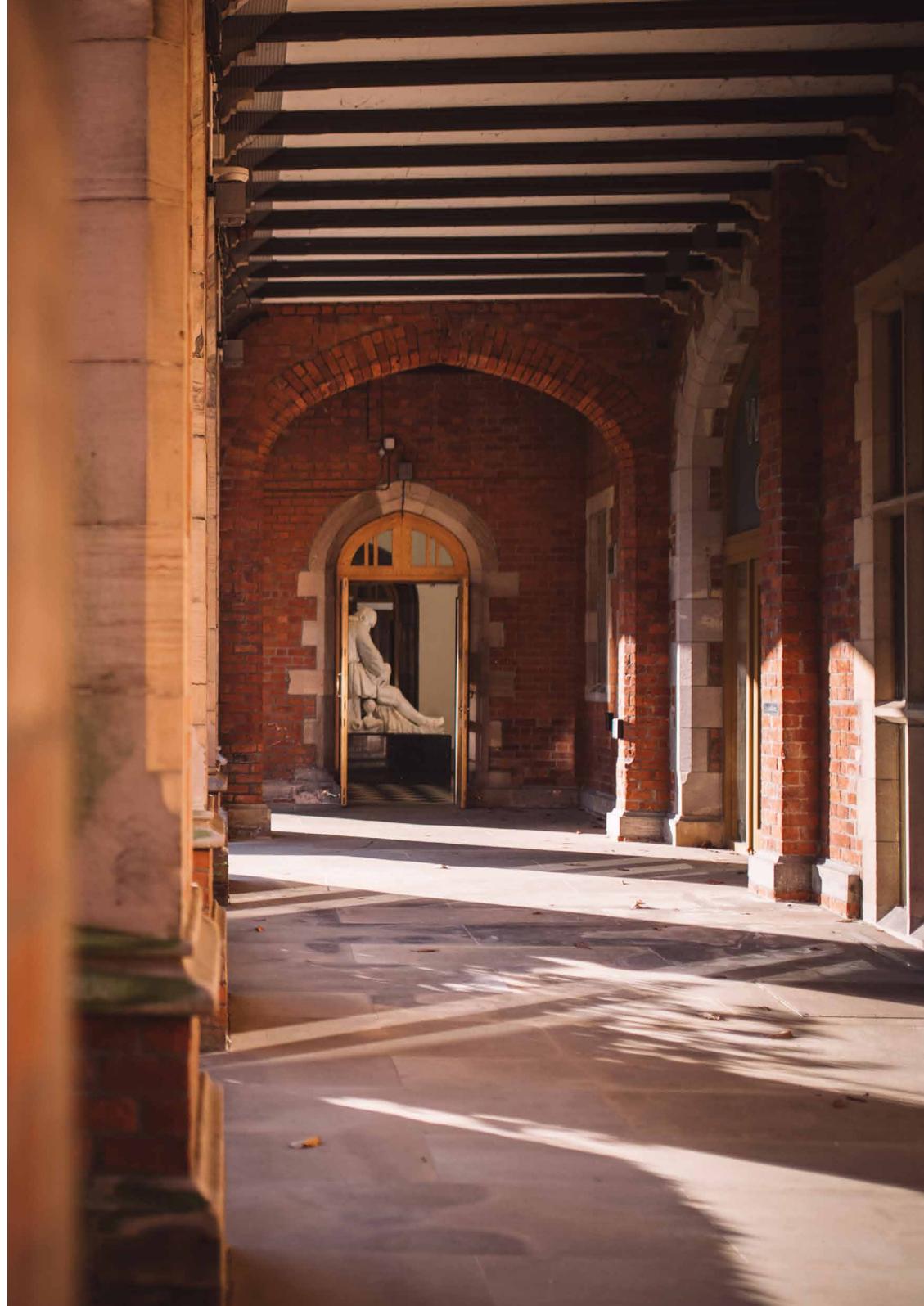
BELFAST IS IN THE SAFEST REGION IN THE UK

(UK BRITISH CRIME SURVEYS 2019/20)



99 CROSS CHANNEL SAILINGS EACH WEEK AND DIRECT FLIGHTS FROM NI TO 70 DESTINATIONS

(BELFAST INTERNATIONAL AIRPORT, GEORGE BEST BELFAST CITY AIRPORT, P&O FERRIES AND STENA LINE)





www.horizoneuropeni.com

To find out more visit:
www.qub.ac.uk/Research/Our-research/Research-in-Europe/