



NUI Galway
OÉ Gaillimh

Research Postgraduate Prospectus 2018

1^{TOP}% QS World
University
Rankings
2017

NUI Galway Campus

Áras de Brún (School of Mathematics,
Statistics and Applied Mathematics)

Áras Uí Chathail/Student Information Desk (SID)

Áras na Gaeilge

The Quadrangle

Áras na Mac Léinn and Bailey Allen Hall

University Hospital Galway

Lambe Institute for Translational Research
and HRB Clinical Research Facility

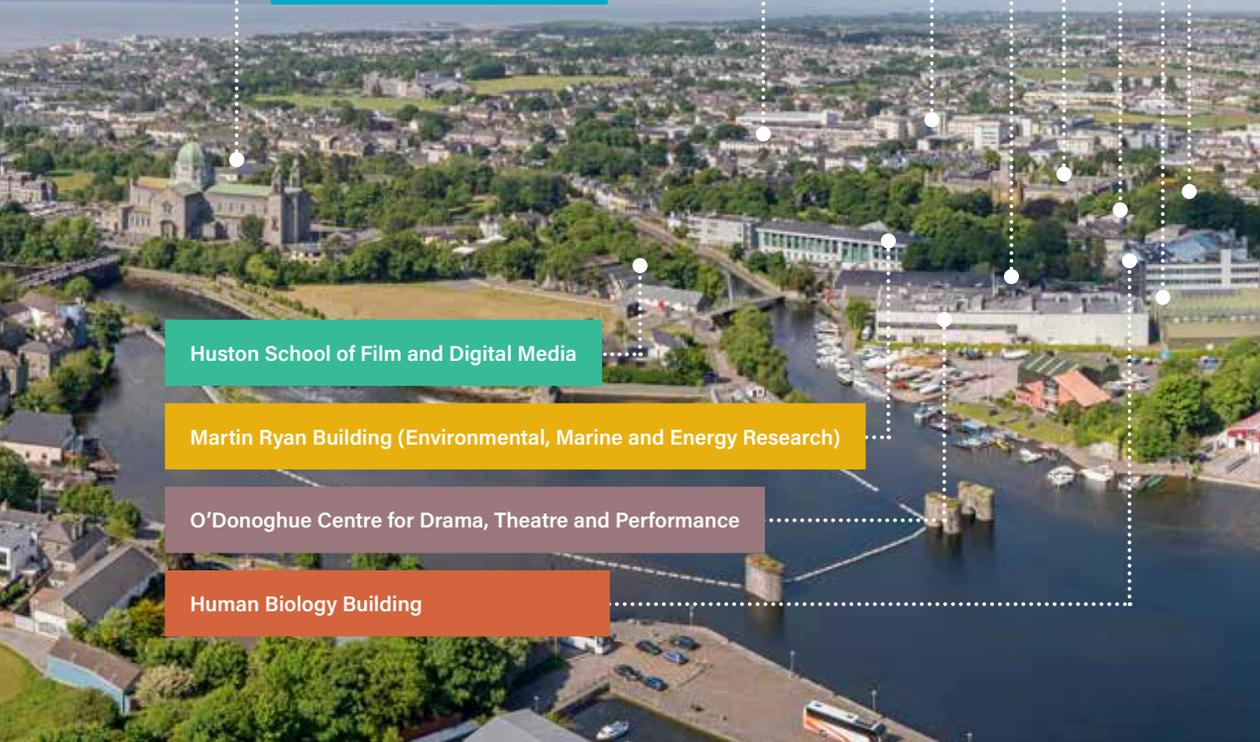
Centre for Adult Learning and
Professional Development

Huston School of Film and Digital Media

Martin Ryan Building (Environmental, Marine and Energy Research)

O'Donoghue Centre for Drama, Theatre and Performance

Human Biology Building





Hardiman Library and
Hardiman Research Building

Arts Millennium Building

School of Psychology

Biomedical Sciences

Lifecourse Building

Corrib Village (Student Residences)

Engineering Building

J.E. Cairnes School of Business and Economics

Áras Moyola (School of Nursing and
Midwifery; School of Health Sciences)

Research and Innovation Centre

Sports Centre

IT Building

Arts/Science Building

Orbsen Building (NCBES and REMEDI)

Why Choose NUI Galway?

95%



of **POSTGRADUATES** are in employment or additional education or research within six months of graduating

1 TOP 1%

of **UNIVERSITIES** **WORLDWIDE** according to the QS World University Rankings 2017

170

OVER 170 YEARS of innovative teaching and research excellence



Home to **Insight** National Centre for Data Analytics



€64m

in **RESEARCH** funding in 2016



33

SPIN-OUT COMPANIES in 10 years



80%

OF ALL STENTS outside North America are made in Ireland with Galway being a global medtech industry hub



120

LICENCES to Industry



Ireland's only **STEM CELL MANUFACTURING FACILITY**



Home to Ireland's **FIRST UNESCO CHAIR** in Children, Youth and Civil Engagement

€16,000

Our generous **HARDIMAN RESEARCH SCHOLARSHIPS** provide a stipend of €16,000 per annum plus fees for four years.

SPORT and a **GREAT SOCIAL LIFE** are at the heart of what makes life at NUI Galway unique





364 industry-academic
COLLABORATIVE
projects in 10 years



Ireland's largest
SCHOOL OF
ENGINEERING

1,660

EXPERT ACADEMICS
and **RESEARCHERS**



RESEARCH SUPPORT

Our Graduate Studies Office provides information, induction, mentoring and monitoring to support your research.

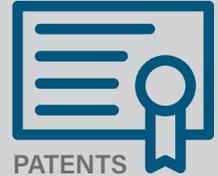
450

NEW TECHNOLOGIES



Which led to

130



PATENTS



2,792

Research Partnerships Worldwide



WE GENERATE MORE THAN 25% OF OUR ELECTRICITY needs from our mini electricity generating stations

18,000

talented, ambitious **STUDENTS**



including

3,000

INTERNATIONAL students



BIOMEDICAL SCIENCE

We are globally leading the way in the development of future technologies



PURPOSE-BUILT AUDITORIUM

O'Donoghue Centre for Drama, Theatre and Performance

300

RESEARCHERS involved in marine, environment and energy research



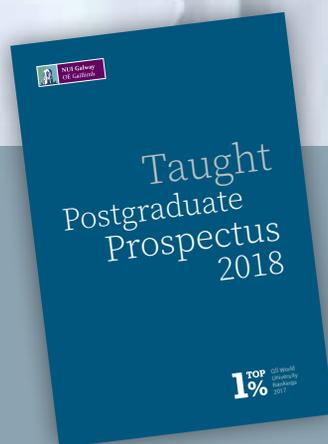
500,000 books, **350,000** e-books and over **70,000** e-journals.



Postgraduate Prospectus – Taught Programmes 2018–19

There is an accompanying prospectus detailing our taught programmes.

Please visit www.nuigalway.ie/pgp to order or download a copy.



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Important: This hard copy prospectus lists all programmes on offer, at the time of going to press, for entry in 2018. Details of new programmes on offer subsequent to the printing of this prospectus will be listed online at:

www.nuigalway.ie/courses. The information contained in this prospectus is, to the best of our knowledge, true and accurate at the time of publication. Any amendments to the published information will be included in the online prospectus. The content of the prospectus is for information purposes only and should not be viewed as the basis of a contract between students and the University.

NUI Galway reserves the right to amend programmes or regulations at any time without notice; we may re-open previously closed programmes to accept applications in the event of programme quotas not being met. The University also reserves the right to withdraw programmes periodically for any reason (e.g. insufficient numbers).

Fáilte Ireland kindly supplied some of the photographs included in this publication. Entries to the student-staff Capture Your Campus photo competition also feature www.nuigalway.ie/captureyourcampus

Connect with NUI Galway on
any of these social media channels





Rankings

2017: NUI Galway rises six places to be ranked in the **Top 1%** of universities in the world

2017 Top 1%

2017

243

2016

249

2015

271

2014

280

2013

284

2012

287



NUI Galway is ranked in the top 1% of universities in the world – our commitment to the highest quality research and teaching is reflected in our world rankings.

Rankings are designed to help prospective students make informed comparisons between leading universities around the world.

Getting your qualification from a top university means that your postgraduate qualification will be recognised as a top quality degree wherever your career will bring you across the globe.

We combine research excellence with an innovative approach to teaching and have built on these strengths to provide you with the platform and inspiration for you to deliver on the world stage.

We are on the edge of the Atlantic but our outlook is global.

www.nuigalway.ie/rankings

Did You Know?

Four of NUI Galway's researchers, all of whom teach on postgraduate programmes, received global recognition by being featured in the list of the World's Most Highly Cited Researchers www.nuigalway.ie/our-research/cited-researchers

Subject Rankings

The 2017 QS World University Subject Rankings, issued annually, ranked NUI Galway as world leading for its teaching and research in five subject areas, and 20 individual subjects.

Ranked in five subject areas:

- Arts and Humanities
- Engineering and Technology
- Life Sciences and Medicine
- Natural Sciences
- Social Sciences and Management

TOP 100: Nursing at NUI Galway is ranked in the top 100 of subject areas globally.

Bringing Bold Ideas to Life

We produce impactful research that is recognised as being excellent, transformative, and relevant to societal and economic needs while we train the next generation of researchers.



Research at NUI Galway is forward thinking and global in scale. Today we are leading the field in a wide range of areas, including stem cell and gene therapy research, human rights law, marine and energy research, digital humanities, drama, theatre and performance, and data analytics.

Our research enhances everything we do at NUI Galway. It underpins our courses, drives academic discovery and informs local and

national innovation; it is translational and effects positive societal change. Our top-ranking research centres and institutes are recognised nationally and internationally as centres of excellence.

As an NUI Galway postgraduate, you will become part of a diverse academic community, studying in a dynamic intellectual environment.

www.nuigalway.ie/research

Our Research Supports Innovation

Through partnership with industry, our entrepreneurial ecosystem produces high-performing spin out companies, licences and patents. Recent achievements in terms of research and business innovation include:

64 new invention disclosures in 2016

11 technologies licensed to companies in 2016



€64m in research funding in 2016



36 companies supported in our business innovation centre



Five stars for research in QS stars rating



300 researchers involved in marine, environment and energy research



10 patents filed in 2016



64 new R&D collaborations

80% of all stents outside North America are made in Ireland – Galway is a medtech industry hub

Important National Facilities

Our campus hosts major national facilities, such as the Irish Centre for Human Rights, Irish Centre for High-End Computing, the Lambe Institute for Translational Medicine, and the Centre for Cell Manufacturing Ireland.



Some Research Highlights



Soft Robot Can Help a Heart to Pump

An innovative soft robotic sleeve which can help a heart to beat has been developed by researchers including Dr Ellen Roche of NUI Galway. The soft robotic sleeve wraps around the organ, twisting and compressing in sync with the beating heart, potentially opening new treatment options for people suffering from heart failure. With heart failure affecting 41 million people worldwide, the hope is the device may one day be able to bridge a patient to transplant or to aid in cardiac rehabilitation and recovery. "This research demonstrates that the growing field of soft robotics can be applied to clinical needs and potentially reduce the burden of heart disease and improve the quality of life for patients," explains Dr Roche, postdoctoral researcher in biomedical engineering at NUI Galway.

Read more: www.nuigalway.ie/about-us/news-and-events/news-archive/2017/january2017/-soft-robot-can-help-a-heart-to-pump.html

Good Drugs for Bad Bugs

MRSA infection is caused by a type of Staphylococcal bacteria that has become resistant to many of the antibiotics used to treat ordinary infections, resulting in significant morbidity and mortality with up to 20% of patients infected with MRSA dying from systemic infections. Microbiologists at NUI Galway and University of Liverpool have identified how MRSA may be more effectively treated by modern-day antibiotics, if old-fashioned penicillin is also used. The team from NUI Galway and the University of Liverpool (funded by the Health Research Board and Medical Research Council) have shown that, although penicillin does not kill the bacteria, it does weaken their virulence, making it easier for our immune system and other antibiotics to eradicate the infection. <https://academic.oup.com/jid>

Dr Ellen Roche
with students





The NUI Galway coordinated PANDEM report outlined the threat posed by pandemics to European citizens and made recommendations on priorities for future research

Professor Marie Connolly

Pandemic Research Project Presents Recommendations to European Commission

Throughout history, pandemics have had a major impact on the health and security of human populations. An outbreak of plague killed one third of Europe's population in the Middle Ages, and Spanish flu killed 40-50 million people in the early 20th century. In recent years SARS and H1N1 have spread across countries in weeks, with significant health, economic, political, social, cultural and environmental consequences.

In March 2017, NUI Galway coordinated PANDEM report outlined the threat posed by pandemics to European citizens and made recommendations on priorities for future research to enhance the capacity of EU Member States to respond to the next pandemic. The group coordinated by NUI Galway included the World Health Organisation (WHO) Regional Office for Europe, the London School of Tropical Medicine and Hygiene, Swedish Defense Research Agency, Public Health Agency of Sweden, Université Catholique de Louvain and IGS Strategic Communications. The threat analysis conducted by the project concluded that the risk of emergence of a pandemic is greater now than ever before, including accidental release, bioterrorism and antibiotic resistance posing threats. Read more: www.nuigalway.ie/about-us/news-and-events/news-archive/2017/march2017/pandemic-research-project-presents-recommendations-to-european-commission.html

NUI Galway Research Shows Early Promise in Treating Huntington's Disease

Newly-published research from NUI Galway shows encouraging early signs for a potential treatment for Huntington's disease. Huntington's disease is an inherited neurodegenerative disease that causes serious cognitive and movement defects. Professor Robert Lahue and his team at the Centre for Chromosome Biology and the Galway Neuroscience Centre at NUI Galway, collaborated with scientists at the University of Barcelona. The researchers targeted an enzyme called histone deacetylase 3 (HDAC3), which is thought to alter important biochemical mechanisms in the brain of Huntington's disease patients and thereby accelerate disease progression. The new study published in the journal *Scientific Reports* shows that blocking HDAC3 with an experimental compound in a pre-clinical model of Huntington's disease slows cognitive decline and delays the onset of molecular signs of neurodegeneration.



NUI Galway
Postgraduate Research Prospectus 2018



Jellyfish Sting Changes to Treatment Advice

Around the globe for many years there has been little agreement about the best first aid treatment for Jellyfish stings. Dr Thomas Doyle and his team at School of Natural Sciences, at NUI Galway, collaborating with jellyfish sting experts from the University of Hawai'i – Mānoa, have re-evaluated which commonly recommended first-aid actions (such as rinsing with seawater) are the most effective for *Physalia* stings (Portuguese man o' war). Their results, published in the international journal *Toxins*, overturned the current advice, and show that the best first aid is to rinse with vinegar, to remove tentacles and then immerse in 45°C (113°F) hot water (or apply a hot pack) for 45 minutes. Read more: www.mdpi.com/2072-6651/9/5/149; Watch: www.youtube.com/watch?v=ZirOV9wJ2jo

Nanoscience Physicist Wins Medal for Science Engagement

NUI Galway Nanoscience physicist Dr Jessamyn Fairfield from the School of Physics has been honoured with the Mary Somerville Medal from the Institute of Physics in what they have deemed her "stellar work as a public speaker and writer on physics for a popular audience, and for having organised and hosted many innovative events bringing physics to the Irish public." Since February 2015, Dr Fairfield has been the director of Bright Club in Ireland encouraging academics to discuss their work through stand-up comedy. In July 2017 Dr Fairfield spent a two-week Arctic Circle residency programme, on board a ship bringing together scientists and artists to explore how the Arctic and its exploration intersect with art, science, architecture, education and activism.



PhD student selected as Commander of Mars Desert Research Station

Ilaria Cinelli, a PhD student in the College of Engineering and Informatics at NUI Galway, was recently selected as Commander of Crew 172, an international mission for the Mars Desert Research Station, which supports Earth-based research required for human space exploration. Ilaria was selected as Emerging Space Leader of the Mars Mission thanks to her extracurricular activities in this field. Ms Cinelli led an international crew of six people under the constraints of a simulated Mars mission over four weeks. The unique facility in Utah is surrounded by terrain that is a geologic Mars analog, which offered Commander Cinelli and her crew opportunities for rigorous field studies as they would be conducted during an actual space mission. This study has led to new insights into the nature and evolution of Mars, the Earth, and life on Mars. www.nuigalway.ie/about-us/news-and-events/news-archive/2017/march2017/nuigalway-biomedical-engineer-selected-commander-of-mars-mission.html



Dr Conor O'Byrne



Dr Michael Madden

Recognising the Career Development of Our Next Generation of Researchers

John Halligan TD, Minister of State for Training, Skills, Innovation, Research and Development, with Julie Sinnamon, CEO of Enterprise Ireland, has presented two outstanding achievement awards to NUI Galway for reaching the pinnacle of European research.

In the category "Recognising the career development of our next generation researchers", NUI Galway's Dr Conor O'Byrne received an award for his leadership of the project PATHSENSE (Understanding and Exploiting Mechanisms of Sensory Perception in Bacteria). This €3.4 million project will recruit 13 PhD fellows in a collaboration involving eight universities and four companies, located in seven different countries around Europe.

In the category "Collaborative Research", Dr Michael Madden at NUI Galway received an award for his leadership of the ROCSAFE project, a €4.7 million 13-partner project. The overall goal of ROCSAFE is to fundamentally change how CBRNe events are assessed, in order to ensure the safety of crime-scene investigators by reducing the need for them to enter high-risk scenes. For this, ROCSAFE will make use of cost-effective remotely-controlled robotic air and ground vehicles that are designed for use in rain, wind and challenging ground surfaces.



O'Donoghue Centre for Theatre, Drama and Performance at NUI Galway Opened in 2017

Opened by President of Ireland, Michael D. Higgins, this pioneering Centre is a 120-seat theatre space with retractable tiered seating allowing for multifunctional use and accessibility. This will have a transformative effect not only on arts in the University but also on the vibrant cultural hinterland that surrounds the campus. The building was the Public Choice for Ireland's favourite new building in the 2017 RIAI Irish Architecture Awards.



The NEAR Health Project

The Nature and Environment to Attain and Restore (NEAR) Health Project aims to connect people with blue and green nature spaces. The overall aim of the NEAR-Health project is to design and pilot inclusive nature-based solutions to assist communities value a healthy environment, maintain healthy lifestyles and promote and restore wellbeing. It will utilise perceptions and values to develop a framework that integrates health and environment in Ireland, devise and pilot toolkits to evaluate what communities value in relation to public spaces and to pilot the mechanisms and pathways to mobilise use of blue and green spaces such as parks, coasts and other nature-based solutions to improve people's health and wellbeing. Read more: research.ie/what-we-do/loveirishresearch/blog/understanding-how-water-environments-are-good-for-wellbeing

Photo: Dr. Easkey Britton, NEAR Health Project

NUI Galway

A Global Education

3,000

international students
from 115 countries

In the **Top 200**
of the most international
universities worldwide**

NUI Galway has an academic community of world-leading researchers working at the forefront of their fields. With extensive worldwide partner institutions, NUI Galway offers you opportunities to collaborate internationally through its postgraduate programmes. As part of your course, you may have the opportunity to travel or be part of a virtual global team.

You will learn with the best – we attract academics who are world leaders in their fields, and who are working to address global issues.

90,000

alumni spread wide
across the globe

Collaborations in **106** countries

Ranked in the **Top 1%**
of universities worldwide*

200+ Erasmus
bilateral agreements,
increasing annually

2,218 collaborations with institutions around
the world to publish impactful research including:

- Georgia Tech, Harvard University, and Stanford University in the US;
- University of Cambridge, Imperial College London and the University of Edinburgh in the UK;
- Kyoto University in Japan and Tsinghua University in China.



*QS Rankings

**Times Higher
Education (THE) World
University Rankings

Investing in your Future

Our Campus is Growing

Ireland's Fastest Expanding Campus

Since the University opened the doors of the Quadrangle in 1845, the NUI Galway campus has been constantly evolving to meet the needs of our growing student population. Today, the main campus has over 90 buildings on 105 hectares of land spread along the banks of the River Corrib. This riverside location combined with the architectural beauty of the campus and its proximity to the vibrant city of Galway, makes it one of the most picturesque and unique university campuses in the world.

We have recently heavily invested in our campus. This investment has focused on transforming facilities for research in areas such as Arts, Social Sciences and Humanities, Life Sciences, BioSciences and Human Biology, and as a postgraduate student you will benefit from these investments and will undertake your learning in purpose-built, state-of-the-art facilities utilising cutting-edge technologies.



Some of Our New Facilities Include



O'Donoghue Centre for Drama, Theatre and Performance
Including a purpose-built 120-seat auditorium, opened in 2017



Human Biology Facility
A new facility for the study of the human biologies, opened in 2017



Hardiman Research Building
A new facility for Arts, Humanities and Social Sciences students, opened in 2013



Ireland's Largest School of Engineering
Opened in 2011



Research Facility for Biomedical Sciences
Opened in 2014



The Institute of Lifecourse and Society
Opened in 2014



A State-of-the-art 6,500ft² Sports Centre
Including international competition standard swimming pool opened in 2008



School of Psychology
Opened in 2014



Clinical and Translational Research Facility
Opened in 2015

A Green Campus

One of the **lowest levels of energy consumption** in the higher education sector in Ireland, and boasts the ISO 50001 standard for energy management.



We convert waste cooking oil to **biodiesel** to fuel University vehicles.

We generate more than 25% of our electricity needs from our own combined heat and power plants (mini electricity generating stations).





Galway – The Perfect Student City



Galway has been designated
**EUROPEAN CAPITAL
OF CULTURE FOR 2020**

“NUI Galway's beautiful campus is right beside the Corrib river and only ten minutes away from the sea and Galway's city centre.”

Anna Maria Rengstorf PhD



Galway is a place like no other. Set on the Wild Atlantic Way, on the broad sweep of Galway Bay, Galway is as distinctive as it is beautiful. From this position on the Atlantic edge of Europe, NUI Galway has a proud history of reaching out and connecting with the world.

Galway casually combines the energy of a young and diverse population with the authenticity of a place steeped in history and tradition. We are renowned as a place where arts and culture are celebrated, reinterpreted and shared with the world. Galway has also been designated European Capital of Culture for 2020.

NUI Galway contributes to this cultural dynamism through a diverse range of teaching programmes focused on the creative arts. Whether it is film, language, creative writing or theatre, the University is training the next generation of arts makers.

Galway is also truly the festival capital of Ireland, with festivals and fringe events running through the whole year: www.galwayfestivals.com/calendar

The University is in the heart of the city centre, with all amenities within walking distance including shopping facilities, theatres, restaurants, music venues and cultural and sporting venues. It is small enough to get to know people easily and this sense of community is one of the features of Galway life that our students love most. Students make up 20% of the city's population, which is one of the reasons why the city has such a vibrant lifestyle.

Cost of Living

The cost of living in Galway is considerably cheaper than living in Dublin. Rent prices are 61% more expensive in Dublin city than Galway city. Students, in general, do not have long commutes to campus as it is located in the heart of the city and is well serviced by city bus routes. 81% of students were successful in obtaining their first preferred type of accommodation, and 98.5% of students find their accommodation by October. (*Accommodation and Welfare Office Survey, October 2016*). Learn more:

www.nuigalway.ie/cao/galway-perfectlocation



A Supportive Environment for Research



Library Research Support

Library staff will be delighted to give you any assistance you need to find your way around our collections, whether print or online. The Research and Learning team consists of Academic Skills Librarians, Academic Skills Assistants, a Research Librarian, Special Collections staff and Archivists. They offer training and skills programmes to students, staff and researchers. The Academic Skills Librarians offer a suite of generic training sessions at both an introductory and an advanced level. The Academic Skills Assistants offer an advanced enquiry service both online and face-to-face. The Special Collections staff will assist you in making the best use of our printed Special Collections. Both the Special Collections Librarian and the Archivists provide one-to-one support and training to help maximise the value of our Archival and Special Collections in your research.

The Academic Writing Centre provides one-to-one support and assistance with academic writing. The Library and IT Service Desk will help you make the most of both Library and IT services.

Services Available to Postgraduates Include:

- Publication and discovery services for your completed research;
- Management and hosting of your completed research data;
- Subscription to identifier services for you, your publications and your data via ORCID, Digital Object Identifiers, handles and DataCite DOIs;
- Digitisation services, including high-quality self-service facilities and mediated facilities for mass digitisation, for appropriately funded projects;
- Long-term preservation services for appropriately funded projects. Metadata services for digital materials description, discovery and linking may also be able to help with text processing, data transformation, OCR and related technologies to get you started on your project.

Special Collections and Archives

The James Hardiman Library holds unique archival and special collections, dating from 1485 to the present. The world-class facilities, including a 36-seat reading room and dedicated exhibition space, make the Hardiman Library a hub for learning and showcasing innovation.

Digital Archives

Examples of world-leading projects in digital archives and access include the partnerships between NUI Galway and the Abbey and Gate Theatres to digitise their archives and complement research and learning in the University. The University is committed to enabling digital access to its archives, and has developed digital projects from the West of Ireland landscape archive of Tim Robinson, the archive of Northern Ireland interlocutor Brendan Duddy, and The Balfour album of photographs of the West of Ireland taken in the 19th century.

Theatre and Literary Collections

These collections include the John McGahern archive, the Abbey Theatre archive, the Druid Theatre archive, the Galway International Arts Festival collection, as well as holdings relating to the Lyric Players' Theatre, Belfast, the Thomas Kilroy papers, Taibhdhearc na Gaillimhe, the Arthur Shields papers and the Siobhán McKenna papers.

Political and Conflict Collections

These include papers relating to the period of "The Troubles" in Northern Ireland as well as international human rights issues, including the archives of Brendan Duddy, Ruairí Ó Brádaigh papers, and the papers of Professor Kevin Boyle.

Landed Estate Collections

These are papers relating to a number of estates in the west of Ireland, including legal, estate management and family/personal information.

Irish Language and Literature Collections

These feature material from Conradh na Gaeilge, the Tadhg Seoige papers and Lamhscríbhinní Dubhghlas de hÍde.

library.nuigalway.ie/collections/archives

library.nuigalway.ie/collections/specialcollections

www.library.nuigalway.ie

E: library@nuigalway.ie

T: +353 91 493399



Commercialising Your Research

A hand holding a globe made of business-related images. The globe is composed of various small images showing business meetings, handshakes, charts, and people working. The background is dark with some light effects.

“At Pocket Anatomy, doctors are calling our award-winning mobile software solution ‘the Google Earth of the human body, helping patients visualise their health conditions’. Pocket Anatomy is based on campus in the NUI Galway Business Innovation Centre. The centre has provided our company with world-class supports in facilities, expertise and industry links that have been pivotal in driving this start-up forward. NUI Galway, for us, is a great place to be.”

Mark Campbell

CEO & Founder of PocketAnatomy.com
NUI Galway graduate (BComm with French)

NUI Galway is home to thousands of great minds who are helping to shape the future through research and discovery.

NUI Galway creates an environment that promotes entrepreneurship and innovation.

Our researchers are creating impact by taking on some of the greatest challenges of our times, by advancing knowledge in areas such as medical devices, sustainable energy and machine learning.

This knowledge is transferred into industry through the commercialisation of research.

Bringing Your Research to the Next Level

Understanding and communicating the position of your research and potential impact is the key first step on the commercialisation journey. This draws upon your experience and excellence in your academic environment and also on what is happening in the commercial world. The Innovation Office, through its extensive commercial experience and network of industry experts, patent agents and legal experts, is here to support you in commercially exploiting your research outputs for the benefit of the University and the wider community. As well as intellectual property management, the Innovation Office promotes a strong culture of entrepreneurship and innovation, equipping students with the required skillset to exploit commercial opportunities in their future careers. An experienced team is in place to guide you through the best commercialisation route, whatever path you choose.

Services and Supports

The Innovation Office offers many services and supports, including:

- Managing university intellectual property and technologies to achieve commercial outcomes;
- Encouraging the establishment of start-up companies, supported by entrepreneurship programmes. NUI Galway, in terms of technology transfer and its commercial activities and achievements, continues to perform highly in relation to every other Irish university. The Innovation Office guides breakthrough research towards business reality;
- Establishing partnerships with industry to facilitate collaborative research projects;
- Managing the Campus Innovation Centre and Bioincubation facilities, home to 36 companies;
- Delivering policy, processes, guidelines and skills development for researchers;
- Building on new business partnerships of investors, angels and management teams for NUI Galway commercialisation activities.

Rewards

NUI Galway has a strong innovation and entrepreneurship ecosystem on campus. The Blackstone LaunchPad provides supports on turning ideas into viable businesses. The programme has greatly contributed to developing student entrepreneurs on campus with over 20% of students engaged in the programme, further strengthening the entrepreneurial ecosystem in the West of Ireland. NUI Galway also has many other initiatives in this space, including the successful BioInnovate and TechInnovate programmes.

Business Innovation Centre

For those looking to start up a company, the Innovation Office offers facilities in the NUI Galway Business Innovation Centre of benefit to any new company. Start-ups are provided with initial supports to enhance the new business growth of the company. The Business Innovation Centre has been a hive of activity, with an average of five new companies joining every year. The Innovation Office supports researchers in bridging the gap between basic research and commercialisation. This is achieved through education and communication, and via NUI Galway-run entrepreneurial programmes, workshops and industry open days, and the team's experience in the commercialisation space. www.nuigalway.ie/innovation

Research Themes





Our researchers are shaping the future. Be inspired, be part of it.

NUI Galway is committed to world-class research and creating new knowledge in key areas across science, engineering, medicine, the social sciences and the humanities.

Our strategic focus is on five key priority areas:

- Biomedical Science and Engineering
- Informatics, Data Analytics, Physical and Computational Science
- Applied Social Sciences and Public Policy
- Environment, Marine and Energy
- Humanities in Context

There are thousands of great minds at the University who are helping to shape the future through research and discovery. The following sections provide you with some information on the scale and size of research that is currently underway at NUI Galway. As a postgraduate student, you could become part of this research. You could help advance sustainable sources of energy, improve human health through new treatments for diabetes and cancer, change public policies to improve human welfare, or promote the creative industries through research on our culture, language and heritage. The scope of our research here at NUI Galway is far reaching. You can join us and help us shape the future for the better.

NUI Galway has a growing international profile for its research in five key areas.

Research matters – join us in changing the world.





Biomedical Science and Engineering

Advancing Medicine Through Discovery

NUI Galway is recognised globally as a leading centre for biomedical research and enterprise. Through a spirit of discovery and delivery, NUI Galway seeks to advance the boundaries of biomedical research and contribute to the international scientific community's quest for knowledge. Our researchers focus on some of today's most significant global medical challenges, including cancer, cardiovascular disease, diabetes, osteoporosis and neurodegenerative diseases. Our important research develops new technologies and therapies for patients. This mission has been greatly enhanced by a recent move to a brand new, state-of-the-art bioscience research building adjoining the campus in Dangan. The medical device industry in Ireland is a thriving sector, with Galway at its hub: Galway is one of five global hubs in a medtech market worth €95 billion in the EU.



Biomedical Sciences building

National Centre for Biomedical Engineering Science

NUI Galway is Ireland's leading university for Biomedical Science and Engineering, and home to the National Centre for Biomedical Engineering Science (NCBES). Biomedical Science and Engineering transforms biomedical sciences research, such as basic and translational research, into clinical applications. It brings together scientists and engineers together with clinicians, who develop innovative solutions to meet current medical challenges. Our multidisciplinary researchers focus on impactful research, ensuring their research advances biomedical knowledge and develops therapeutic treatments.

Research Areas

Cancer Biology, Diagnostics and Therapeutics

The **Apoptosis Research Centre (ARC)** conducts interactive and dynamic research, focusing on understanding the complex pathways that regulate cell death, to develop new therapies for the treatment of cancer and neurodegeneration.

The **BCNI (Blood Cancer Network Ireland)** aims to bring together a critical mass of clinical and translational researchers, a sufficient population base and access to samples to increase the potential nationally for clinical and translational research in blood cancers.

The **Breast Cancer Research Institute (formerly NBCRI)** is Ireland's leading breast cancer research institute. In collaboration with universities and hospitals across the globe, the breast cancer

research team at the Lambe Institute for Translational Research at NUI Galway focuses on areas including personalised medicine, breast regeneration, and innovative diagnostics and therapeutics.

The **Prostate Cancer Institute (PCI)** focuses on the development of better tests and therapies for patients with prostate cancer and has a close association with the extensive clinical services already offered to these patients at Galway University Hospital and other regional hospitals.

Chromosome Biology

The successful application of cellular technologies through regenerative medicine and cell-based devices depends on maintaining chromosome integrity.

The **Centre for Chromosome Biology** is an integrated centre of excellence that addresses all aspects of chromosome function including gene expression, chromosomal replication, repair and transmission. This research is directed at understanding the fundamental biology of chromosomes as well as disease states such as cancer and genetic diseases. Students and postdoctoral trainees will work in a highly international research environment using the latest techniques in genomics, genome editing, proteomics and advanced microscopy.

GlycoDiagnostics and GlycoTherapeutics

This interdisciplinary theme focuses on the translation of basic research in the fields of microbial infections, immunity and chronic diseases (such as cancer and inflammation) to develop novel diagnostic and therapeutic interventions. Researchers work with clinical practitioners based in University Hospital Galway and the Clinical Research Facility.

The **Glycoscience Research Group** is exploring the role of gut glycosylation in host-microbe interactions. This globally unique group explores the roles played by complex sugars in host-bacterial interactions to aid in the discovery of novel diagnostics and therapeutics. The group is also exploring the science behind the biological activities of polysaccharides, from microbes to marine organisms and mammals, with a focus on human health improvement.

Health and Independent Living

This theme incorporates practice-based collaborative research with primary care and population health research, and has a strong focus on chronic disease management. This research informs health care and health services.

The **Centre for Clinical Health Services Research and Development** is involved in multidisciplinary clinical health services research, with the aim of influencing and informing clinical practice and health care provision. The Galway Diabetes Research Centre brings together clinicians and researchers who are developing new diabetes therapies and management strategies to provide state-of-the-art clinical care.

Immunodiagnostics and Therapeutics

This interdisciplinary theme focuses on the translation of basic research within the fields of microbial infection, immunity and inflammation to develop novel diagnostic and therapeutic interventions for infectious and immune-mediated diseases. Researchers work with clinical practitioners based in University Hospital Galway and the Clinical Research Facility.

Infectious Diseases

Infectious diseases remain the major cause of death worldwide. Improved diagnostics, advances in understanding microbial virulence mechanisms and the immunological basis of a range of human diseases underpin efforts to devise new therapeutic approaches. Infection and immunology research at NUI Galway is focused on scientific, clinical and social issues related to infectious diseases and immunology.

Our researchers aim to contribute to the development of new diagnostic and treatment approaches for the diagnosis and management of infectious diseases, immune responses to infection and general immune system dysfunction regeneration of the nervous system. This research informs the development of state-of-the-art clinical care for a large number of infectious diseases.





Medical Devices & Connected Health

Ireland has the leading cluster of medtech industries (including life sciences and medical devices) and employs 25,000 people in this sector. 80% of all stents outside North America are made in Ireland, with Galway being a global medtech industry hub. Our medical devices research involves joint collaborative projects that focus on cardiovascular and musculoskeletal devices and neural bioelectronics research. The objective of our connected health research is to move health care from the hospital and clinic into the day-to-day lives of patients, using mobile technology, computers, networked devices and remote monitoring tools.

Research centres at NUI Galway in this area include:

Bioelectronics is a significant research cluster involving biometrics and cardiovascular electronics. The cluster focuses on engineering research for cancer, rehabilitation, sports and exercise, and neural systems.

The **Biomechanics Research Centre (BioMEC)** investigates engineering mechanics and biology in the cardiovascular, pulmonary and orthopaedic areas, and also researches cardiovascular medical device analysis and design. BioMEC is involved in active multi-disciplinary collaborations across the University, and with industrial and academic institutions nationally and internationally. The team has an extensive track record in securing research funds nationally and internationally as well as training and developing graduates for future leadership in the life sciences sector. The BioMEC research involves in-vitro experimental and computational research into the mechanics,

mechanobiology and cellular mechanotransduction of healthy/injured/diseased musculoskeletal and cardiovascular tissue and cells. They conduct fundamental explorations of the multi-scale mechanics of fluid flow in the body and in medical devices, focusing on blood flow and biomolecule (drug, gene) elution and transport. BioMEC develops novel approaches to understand the interaction between the human biological system and biomedical implants and devices, leading to the development of enhanced analysis and design methodologies for implants and devices.

CÚRAM—The SFI Centre for Research in Medical Devices is a national research centre advancing R&D in the medical device sector. Supported by SFI and industry partners, CÚRAM integrates world-class academic, industry and clinical partners to address unmet clinical needs. As a postgraduate student at CÚRAM you will have the opportunity of working with high-calibre experts in the medical device field, as well as having access to a top-quality education and professional development programme.

Regenerative, Modular & Developmental Engineering Laboratory (REMODEL) – REMODEL aspires to achieve the highest level of regenerative biomimicry by recapitulating nature's elegant and meticulous developmental and modular processes. REMODEL operates at the forefront of scientific research and technological innovation to generate new knowledge, technologies, tools and discoveries that will improve human lives. Current programmes at REMODEL include development of biomimetic, biofunctional biomaterials; advanced therapy medicinal products; modular organogenesis; and in vitro pathophysiology models.

Neurosciences

The neurosciences theme incorporates research on behavioural and whole systems neuroscience. It comprises three subgroups:

Applied Clinical Neurosciences

brings together clinical and basic scientists to encourage collaborative interdisciplinary research.

The **Integrative Neurosciences subgroup** is a focus for behavioural and whole systems neuroscience.

Regenerative Neurobiology focuses on understanding neurodegeneration, neuroprotection and regeneration of the nervous system. This research is relevant to disease states, including spinal cord injury, anxiety and schizophrenia, as well as neurodegenerative disorders such as Parkinson's disease and multiple sclerosis. For instance, the Centre for Pain Research (CPR), a centre of excellence for interdisciplinary research, aims to advance the scientific understanding of pain, from its pre-clinical to its psychological and neuropsychological aspects, to its treatment and management.

Regenerative Medicine

Research at the Regenerative Medicine Institute (REMEDI) focuses on using stem cell and regenerative medicine technologies to treat human disease. Recognised as Ireland's leading stem cell research centre, REMEDI's mission is to conduct basic research into stem cell biology and to translate and commercialise the results as regenerative therapeutics. REMEDI is a collaboration between scientists, engineers, clinicians and industry. REMEDI currently has focused research programmes in areas such as immunology, gene therapy, induced pluripotent stem cells and cell manufacturing, and the main translational targets at the centre are vascular disease, osteoarthritis and acute lung injury. To fulfil its translational mission, REMEDI manages and operates the Centre for Cell Manufacturing Ireland (CCMI), a facility licensed by the Health Products Regulatory Authority to manufacture stem cells for human applications. It is the only such facility in Ireland.



World-leading facilities

Investment in the very best facilities keeps our research at the cutting edge.

Facilities include:

- An 8,000m² Biomedical Science Building that brings researchers from cognate disciplines together in exciting new collaborations in purpose-built research laboratories;
- A Translational Research Facility on the site of University Hospital Galway, which translates our research into enhanced treatments for patients;
- The world-class teaching and research Alice Perry Engineering Building is a 14,250m² building supporting an emerging generation of engineers, engaged in a new wave of biomedical technologies, embracing innovation and entrepreneurship;
- The new 8,000m² Human Biology Building, opened 2017 will provide postgraduate researchers with the opportunity to conduct their research in a purpose-built space consisting of dedicated laboratories and associated core facilities. Such research will be led by academics drawn from the disciplines of Anatomy, Pharmacology and Physiology;
- The Centre for Cell Manufacturing Ireland (CCMI), the only facility in Ireland for the manufacture of human-use stem cells;
- A Clinical Research Facility to translate research from the laboratory bench to the patient's bedside.

Researcher Profile

Dr Elaine Dunleavy is a Science Foundation Ireland-Health Research Board-Wellcome Trust Research Career Development Fellow and President of Ireland Young Researcher Awardee (PIYRA) based at the Centre for Chromosome Biology at NUI Galway. Dr Dunleavy is a cell biologist and geneticist interested in the molecules and machinery that control how cells divide. She uses the fruit fly as an experimental system to explore such mechanisms in meiosis, the special type of cell division that gives rise to gametes (eggs and sperm), as well as in stem cells. Dr Dunleavy's research aims to substantially improve our knowledge of the basic principles that govern genome stability, with implications for fertility, reproduction, ageing, cancer and regenerative medicine.

“NUI Galway is an excellent environment in which to carry out a PhD, with supervisors that explore new ideas across diverse biomedical disciplines spanning basic, translational and clinical research.”

Dr Elaine Dunleavy
Research Fellow PhD



Research Institutes & Centres

Biomedical Science and Engineering

Research Institutes and Centres		
Apoptosis Research Cluster	Professor Afshin Samali	www.apoptosis.ie T: +353 91 492417 E: apoptosis@nuigalway.ie
Biomechanics Research Centre (BioMEC)	Professor Peter McHugh Dr Patrick McGarry Professor Laoise McNamara (Co-directors)	www.nuigalway.ie/bmec
Blood Cancer Network Ireland	Professor Michael O'Dwyer	www.bloodcancers.ie T: +353 91 495890 E: bcni@nuigalway.ie
Centre for Cell Manufacturing Ireland (CCMI)	Professor Frank Barry Professor Timothy O'Brien	www.nuigalway.ie/stem-cells
Centre for Chromosome Biology (CCB)	Professor Noel Lowndes	www.nuigalway.ie/research/chromosome
Centre for Neuroimaging and Cognitive Genomics (NICOG)	Professor Gary Donohoe	www.nuigalway.ie/colleges-and-schools/arts-social-sciences-and-celtic-studies/psychology/research/research-themes/brain-behaviour/nicog
Centre for Pain Research (CPR)	Co-directors Dr Brian McGuire Professor David Finn	www.nuigalway.ie/centre_pain_research T: +353 91 492 954 E: brian.mcguire@nuigalway.ie T: +353 91 495 280 E: david.finn@nuigalway.ie
CÚRAM – Centre for Research in Medical Devices	Professor Abhay Pandit	http://curamdevices.ie T: +353 91 495833 E: info@curamdevices.ie
Galway Diabetes Research Centre	Professor Fidelma Dunne	www.nuigalway.ie/galway-diabetes-research-centre
Galway Neuroscience Centre	Dr Dara Cannon	http://ncbes.nuigalway.ie/research/galway-neuroscience-centre T: +353 91 495692 E: neuroscience@nuigalway.ie
Glycoscience Research Group	Professor Lokesh Joshi	ncbes.nuigalway.ie/research/alimentary-glycoscience-research-cluster T: +353 91 495 737 E: lokesh.joshi@nuigalway.ie
HRB Clinical Research Facility (CRF), Galway	Professor Martin O'Donnell	www.nuigalway.ie/hrb_crf T: + 353 91 495 970 E: martin.odonnell@nuigalway.ie
HRB Trials Methodology Research Network	Professor Declan Devane	www.hrb-tmrn.ie T: +353 91 494492 E: hrb-tmrn@nuigalway.ie
National Centre for Biomedical Engineering Science (NCBES)	Professor Noel Lowndes	www.ncbes.ie T: +353 91 492415 E: rhodri.ceredig@nuigalway.ie
Prostate Cancer Institute	Professor Frank Sullivan	www.nuigalway.ie/our-research/spotlight-on-research/prostate-cancer-institute.html E: frank.sullivan@hse.ie
The Regenerative Medicine Institute (REMED)	Professor Timothy O'Brien	www.nuigalway.ie/remedi T: +353 91 495 107 E: timothy.obrien@nuigalway.ie



Informatics, Data Analytics, Physical and Computational Sciences

Developing Next Generation Technologies

NUI Galway's research in this area leads to new technologies and contributes to the knowledge-based economy in Ireland and globally. The major research clusters include Data Analytics and Future Networks, Applied Photonics and Medical Physics, Astronomy and Physical Sciences, Mathematics, and Bioinformatics and Biostatistics.



Data Analytics and Future Networks: Big Data

Digital connectivity is greatly changing the world as we know it. Data comes from everywhere: sensors used to gather climate information, posts to social media sites, digital pictures and videos, online purchases, and cell phone GPS signals all contribute to the mass of new data created every day. Our vision is to create a healthier, safer, more productive world by empowering a data-driven society to enable better decisions to be made by individuals, communities, businesses and governments.

The **Insight Centre for Data Analytics**, a joint initiative between researchers at NUI Galway, University College Cork, Dublin City University, and University College Dublin, brings together more than 400 researchers and leading Irish academics from these institutions, along with in excess of 40 industry partners, to position Ireland at the heart of global data analytics research.

NUI Galway's **Insight Research Institute (IRI)**, through its involvement in the Insight Centre for Data Analytics, is the driving force in this area. Key research areas are semantic web and linked data, sensor networks, stream reasoning, web science, social network analysis, natural language processing, bioinformatics, sustainable IT and eGovernment.

At NUI Galway, this research theme focuses on the development of tools and smart systems to turn data into information and knowledge that can be used for economic, environmental and social benefits. www.insight-centre.org/nuig

High Performance Computing

Technical Computing and Data Analytics cannot function alone. High Performance Computing (HPC) merges computing power and numerical techniques to deliver much higher capacity and performance than a normal desktop computer could in order to solve large problems in science, engineering and business. ICHEC is Ireland's national high performance computing centre and is hosted by NUI Galway. A diverse team of highly skilled system administrators and computational scientists engage with researchers, industry and the public sector to provide HPC expertise, resources, support and training. Furthermore ICHEC is active in European and global collaborations, expanding the reach and portfolio of its activities. The demand for and scope for technical and parallel computing specialists have grown dramatically in recent years and they are now a burgeoning part of Ireland's economic story. www.ichec.ie

Nanoscale Biophotonics Laboratory

The Nanoscale Biophotonics Laboratory (NBL) is a multi-disciplinary research group that focuses on developing advanced analytical solutions for industry and academia. Our fundamental research is focussed on the use of light for the analysis of molecules and materials. Our applied research work then aims to translate these analytical methods into industrial use. PhD graduate students in the NBL with either chemistry or physics backgrounds undertake a wide variety of fundamental research in spectroscopy, chemometrics/data analysis, instrumentation, and

analytical science. Our postdoctoral researchers also work very closely with industry and in particular the biopharmaceutical manufacturing sector, developing novel and robust analytical methods. The NBL is one of the largest and best equipped analytical instrumentation facilities in Ireland, with the capability for advanced molecular and elemental characterisation of materials.

www.nuigalway.ie/nanoscale



Applied Photonics & Medical Physics National Centre for Laser Applications (NCLA)

The National Centre for Laser Applications (NCLA) was established as a centre of excellence in laser technology. Our researchers work with industry through consultancy, laboratory-based feasibility trials, full research and development (R&D) services, technology transfer, prototyping, laser safety audits and tailored training courses in laser technology, applications and safety. PhD graduate students undertake research in the fundamentals of laser material interactions. The NCLA Laser laboratory leads the implementation of the Structured MSc by Research in Key Enabling Technologies at NUI Galway.

www.nuigalway.ie/ncla

Mathematics

De Brún Centre for Mathematics

The Mathematics cluster supports mathematical research in the areas of Algebra, Discrete Mathematics, Analysis, Numerical Analysis, Geometry, Topology, and Mathematics Education. Research in these areas of pure mathematics and mathematics education underpins the thematic research priorities at NUI Galway of Informatics, Physical and Computational Sciences, and Biomedical Science and Engineering. The main goal of the de Brún Centre for Mathematics is to provide a high quality environment for internationally recognised research excellence in mathematics at NUI Galway.

Stokes Applied Maths Cluster

The ambition of the Stokes Cluster is to foster as much interdisciplinary research as possible across the NUI Galway campus and beyond. Because mathematics underpins so many fields of research in the natural, engineering and social sciences, its applications have a wide-reaching appeal. The Stokes Cluster comprises a broad spectrum of advanced mathematical, theoretical and numerical skills that can be applied to the modeling of computational, physical and biological phenomena, and to the in-depth study of the mathematical equations that underpin the behaviour of physical systems.

Bioinformatics & Biostatistics Research Cluster

Researchers in bioinformatics analyse the genomes of pathogens responsible for infectious diseases and study human genomic data to gain insights into genetic disorders and complex phenotypes. Biostatisticians within the cluster help to discover novel cancer biomarkers and model patient treatment outcomes in clinical trials. Both groups draw on and contribute to the development of powerful new statistical techniques and computational tools to gain fresh biomedical insights of fundamental scientific interest or with the potential for clinical application. Through extensive collaborations, the cluster also supports biomedical research in the HRB Clinical Research Facility, across campus and further afield.

Astronomy

The Centre for Astronomy brings together research and teaching in astronomy, astronomical instrumentation and computational astrophysics. Our research topics include Applied Imaging, Clusters and Exoplanets, Gamma-ray Astronomy, High Speed Stokes Polarimetry, Pulsars, Star Formation and Astrochemistry, Ultra-cool Stars and Virtual Observatories. The centre is also committed to the public understanding of astronomy and science, and regularly holds public lectures. <http://astro.nuigalway.ie>



Researcher Profile

Prof. Mathieu d'Aquin is vice-director of the Insight Centre for Data Analytics at NUI Galway and coordinator of the European Horizon 2020 project AFEL (Analytics for everyday learning). He holds a PhD in Artificial Intelligence from the University of Nancy, France. Mathieu's research mainly focuses on making sense and enabling the meaningful exploitation of the large amounts of diverse data produced nowadays especially through the Web and the Internet of Things. He has contributed internationally leading research, as well as high-impact collaborative developments, in the area of data and knowledge engineering applied in domains such as eLearning, smart cities and privacy management. He is currently focusing on the principles under which to build the large data infrastructures on which organisations will increasingly rely, both from the technical and the ethical points of view.

“Doing a PhD on Data Analytics in NUI Galway means joining a community of researchers at the leading edge of a field that is currently shaking the whole of society, nationally and internationally.”

Professor Mathieu d'Aquin

Vice-Director of the
Insight Centre for Data Analytics



Research Institutes & Centres

Informatics, Physical and Computational Sciences

Research Institutes and Centres		
Centre for Astronomy	Dr Matt Redman	astro.nuigalway.ie T: +353 91 493 357 E: matt.redman@nuigalway.ie
Crystallography Centre	Dr Andrea Erxleben	www.nuigalway.ie/cryst T: +353 91 492 483 E: andrea.erxleben@nuigalway.ie
De Brún Centre for Computational Algebra Development	Dr Graham Ellis	hamilton.nuigalway.ie/DeBrunCentre E: graham.ellis@nuigalway.ie
Insight Centre for Data Analytics	Mr Oliver Daniels Prof. Dietrich Rebholz-Schumann	www.insight-centre.org E: rebholz@insight-centre.org
Irish Centre for High-End Computing (ICHEC)	Professor JC Desplat	www.ichec.ie T: +353 15 241 608 E: j-c.desplat@ichec.ie
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Nanoscale Biophotonics	Dr Alan Ryder	www.nuigalway.ie/nanoscale T: +353 91 492 943 E: alan.ryder@nuigalway.ie
National Centre for Laser Applications	Dr Gerard O'Connor	www.nuigalway.ie/ncla T: +353 91 493595 E: ncla@nuigalway.ie





Environment, Marine and Energy

Understanding impacts on our planet and developing a sustainable future

Transformational changes are necessary in the decades ahead for human society to steer itself towards development pathways that are more sustainable than at present. As human population heads towards 9 billion people by 2050, resource demands are increasing, placing major stresses on our planet. There is a pressing need for multi-disciplinary research and innovations that can deliver sustainable development impacts and outcomes. Such innovations are necessary to change the current trajectory of environmental change so that we can stay within a "safe operating space for humanity". Human activities should not cross critical planetary boundaries that will compromise the ability of future generations to meet their own needs. The Ryan Institute's researchers are delivering the research and innovations that are necessary to address key sustainability challenges in areas such as climate change, energy, marine, agriculture, health, urban habitats and environment. If you are interested in making your contribution to sustainable development, then the Ryan Institute at NUI Galway is where you need to be.



The Ryan Institute

The Ryan Institute is NUI Galway's hub for Marine, Energy, Agriculture, Climate Change and Environment research and contributes to some of the most important national and international, long-term, sustainable development research issues. The Ryan Institute's affiliated researchers are committed to knowledge sharing and collaboration across the sciences, engineering, social sciences and medicine.

Research at the Ryan Institute addresses some of the most pressing issues of the 21st century, including observation and modelling of changes in the atmosphere and oceans, biodiversity, agriculture, marine economics and law, aquaculture, water resources, sustainable energy and the urban environment.

The Ryan Institute is home to 112 academic staff, 50 post-doctoral researchers, 172 postgraduate research students and 11 core staff. It is involved in a wide variety of interdisciplinary research projects and collaborates extensively with national and international partners.

Our proximity to the Atlantic Ocean is a strong driver of some of the Institute's research priorities, which include:

- Understanding and predicting changes in climate, ecological and marine systems;
- Marine renewable energy;
- Research and development in aquaculture and fisheries;
- Observation and forecasting of marine energy resources;
- Algal Research;
- Socioeconomic analysis and policy decisions.

As a postgraduate research student, you can help our researchers to shape the future and make an impact on sustainable development in the Ryan Institute areas:

Environment

The EU articulates an optimistic vision of the future to 2050 in the 7th Environment Action Programme 'Living Well, within the Limits of our Planet.' Physical and life scientists, engineers, educators and social scientists must work collaboratively to understand environmental systems that, partly owing to human activity, may be approaching thresholds for irreversible change. This ethos forms the foundation for the Ryan Institute's mission in the area of Environmental Research. The thrusts to our environmental research include: Environmental Technologies, Climate Change, and Environment and Health.

Climate Change

Climate Change research is organized into four main sub-themes – Atmospheric Composition and Emissions, Air Quality and Pollution, Ocean-Atmosphere Exchange, and Climate-Ecosystem Interactions – and has been consolidated into an integrated **Centre for Climate and Air Pollution Studies (C-CAPS)**. C-CAPS aims to quantify key atmospheric processes and transport emission inventories. These data are fed into predictive systems such as a coupled ocean-atmosphere model and marine ecosystem models that are crucial to accurate climate change scenarios.

Environmental Technologies

Environmental Technologies are about directly or indirectly improving our marine and terrestrial environments, our health and quality of life, and the sustainability of our urban spaces and lifestyles. Researchers in this field are working on areas such as sensor development, waste treatment, and energy efficient technologies – areas that are critical to sustainable development.

Environment and Health

We talk much more about disease than we talk about health. What passes for discussion on health is mostly about the prevention of disease, the detection of disease and the biomedical treatment of disease. The preoccupation with disease is an expensive and inefficient way to pursue public health outcomes. Human health is achieved and sustained through our interaction with the world around us – air, water, food, people, footpaths, hurling pitches, night clubs and countryside. The One Health concept recognises the inter-dependency between human health and both natural and human managed ecosystems. The Ryan Institute **Centre for Health from Environment (CHE)** promotes the concept that health and well-being are the most important resource that we derive from our environment.



Major thrusts to our environmental research include environmental technologies, climate change and environment for human health

Marine and Coastal

Our oceans offer major opportunities for sustainable economic development but human activities are threatening marine ecosystems and sustainable maritime activities. The EU emphasises a “European Strategy for Marine and Maritime Research”. The research aims are to improve the understanding and the predictive capacity of marine ecosystems’ response to a combination of natural and anthropogenic factors, while fostering innovations to make the most of marine resources. The Ryan Institute’s mission for Marine and Coastal research is aligned with these broad aims.

Research into the marine environment of Irish coastal waters has a long history at NUI Galway. The Ryan Institute **Marine and Coastal Processes** research cluster includes research on Coastal Biogeochemical Processes, Marine Ecosystems, Marine Biodiscovery, and the Changing Coast, and contributes to our vision for clean, healthy, safe and biologically diverse seas.

Energy

The EU is committed to transforming its economy from one heavily reliant on fossil fuels to a more sustainable low carbon economy centred on energy efficiency, renewable energy and smart networks. The Ryan Institute has a very strong and active team of researchers working in the area of Energy, with research on topics such as: Bioenergy, Renewable Resources, Energy Efficient Technologies, Energy and Society, and Built Environment and Smart Cities. The Ryan Institute **Energy Research Centre (ERC)** addresses the societal and strategic importance of this research area, by providing researchers with the strongest possible platform for sparking innovation. The ERC is actively engaging with the national and international energy research community, including with industry partners, government agencies and NGOs, and the local community.

The Ryan Institute also has significant capabilities in Bio-refining and Bio-energy, working with industry stakeholders, academic experts and government agencies to support a more sustainable and competitive Irish biomass industry.

Committed to transforming the economy from one heavily reliant on fossil fuels to a more sustainable low carbon economy





Top-class Research Facilities

Ryan Institute research facilities provide the essential platform for multi-disciplinary research leading to sustainable outcomes. The Ryan Institute Principal Investigators, Research Groups and research community are located across the campus and include dedicated sites both on and off campus.

- The **Martin Ryan Building** and the Annexe (3255m²) house 16 laboratories, a 16-seater boardroom, 22 offices, a 168-seater lecture theatre, and a Zoology and Marine Biology Museum.
- The **Orbsen Building** (1000m²) houses five laboratories, a centralised GIS facility, desk space for 48 postgraduate and postdoctoral researchers, and six offices.
- The **Atmospheric Research Station** at Mace Head, Carna, is comprised of three laboratory buildings, adjacent to the shore.
- The **Carna Aquaculture Research Station** is located on ~7 hectares with ~600m³ of office and service area space, and 1200m³ of laboratory space.
- The **Máirín de Valéra Carron Research Facility** (340m²) in the Burren has dormitory accommodation for 30 people, cooking and dining areas, and a research laboratory.

Researcher Profile

Professor Charles Spillane, Director of the Ryan Institute, works closely with key partners such as the United Nations Food and Agriculture Organisation (FAO) and the Consultative Group on International Agricultural Research on sustainability challenges facing agriculture and food production globally.

“The environmental challenges facing all societies and countries are complex, where solutions require inter-disciplinary research that is clearly linked to impact pathways involving stakeholders and beneficiaries. The world’s governments have agreed to pursue seventeen Sustainable Development Goals (SDGs), officially known as *Transforming our World: the 2030 Agenda for Sustainable Development*. These have a set of 169 targets that all countries are aspiring to reach. The Ryan Institute is uniquely positioned, with the critical mass of inter-disciplinary expertise and capabilities, to make significant research and innovation contributions towards reaching the SDGs by working with partners and key stakeholder groups in Ireland, Europe and internationally (including in developing countries).”

Professor Charles Spillane

Director of the Ryan Institute



Research Institutes & Centres

Environment, Marine and Energy

Ryan Institute Research Centres		
The Ryan Institute	Professor Charles Spillane	www.ryaninstitute.ie T: +353 91 492 691 E: charles.spillane@nuigalway.ie
Centre for Climate & Air Pollution Studies (C-CAPS)	Professor Colin O'Dowd	www.macehead.org www.nuigalway.ie/c-caps T: +353 91 493 306 E: colin.odowd@nuigalway.ie
Energy Research Centre (ERC)	Professor Henry Curran	www.nuigalway.ie/energy
Irish Centre for Research in Applied Geosciences (iCrag)	Professor Peter Croot	http://icrag-centre.org/about T: +353 1 716 2939 E: info@icrag-centre.org
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Applied Social Sciences and Public Policy

INSTITUTE FOR LIFECOURSE
AND SOCIETY

Touching Lives, Changing Futures

NUI Galway has an international research reputation in Applied Social Sciences and Public Policy. The Whitaker Institute for Innovation and Societal Change and the Institute for Lifecourse and Society (ILAS) (pictured below), home to the applied social sciences and public policy research theme, are committed to building a foundation of knowledge to drive innovation and the understanding of social entrepreneurial strategies through their research areas and programmes: economic innovation, social change, social inclusion and balanced development and health.



The late Dr T.K. Whitaker, after whom the Whitaker Institute is named, during a visit to NUI Galway



The Whitaker Institute

The Whitaker Institute for Innovation and Societal Change is the major structure for supporting research in business and the social sciences at NUI Galway. Inspired by the themes that motivated Dr T.K. Whitaker's life's work, the Institute has identified three major themes, in the development of which it plans to be a national and international leader:

- Business, Innovation and Economic Development;
- Public-Sector Innovation and Reform;
- Sustainable and Inclusive Societies.

Supporting these themes, the Institute has a range of well-established and emerging multi-disciplinary research clusters focused on evidence-based policy and practice.

The scale and scope of the Whitaker Institute's activities create a vibrant research environment that provides staff and students with the opportunity to engage with leading international scholars and a wide range of regional, national and international stakeholders.

www.nuigalway.ie/whitakerinstitute

Social Sciences in Ireland

The Institute for Lifecourse and Society (ILAS), under the directorship of Professor Pat Dolan, is a designated research institute for the applied social sciences at NUI Galway. The Institute supports applied research that informs policy development and practice to make a positive difference to people's lives. ILAS brings together existing work in relation to targeted populations, such as older persons, children and families, and persons with disabilities into one domain of research, teaching and policy. The core function of the Institute is the pursuit of interdisciplinary research in the social sciences by creatively integrating the rich and diverse intellectual resources from within the University and beyond.

The Institute was established in part on the commitment, expertise and track record of its three constituent research Centres in NUI Galway – **UNESCO Child and Family Research Centre**, **Irish Centre for Social Gerontology** and **Centre for Disability Law and Policy**. Additional

research communities that have joined the Institute include the **Irish Centre for Autism and Neurodevelopmental Research (ICAN)**, **Health Economics and Policy Analysis (HEPA)**, and **Community Knowledge Initiative (CKI)**. Additionally, a range of stakeholders, including research centres, research clusters, community demonstration projects and individual academics drawn from an impressive range of Colleges, Schools, and Disciplines (including health, law, economics and sociology) within NUI Galway have formally expressed an interest in joining the Institute. www.nuigalway.ie/lifecourseinstitute

UNESCO Child and Family Research Centre

NUI Galway is home to the Republic of Ireland's first UNESCO Chair in Children, Youth and Civic Engagement. As part of NUI Galway's Institute for Lifecourse and Society, the UCFRC undertakes research, education and training in the areas of family support and youth development. The centre's unique expertise in children and family policy, evaluation and programme planning is internationally recognised, and with the support of UNESCO, the UCFRC engages in a range of collaborations, supporting research that informs policy development and applied practice in Europe, the United States and Africa.

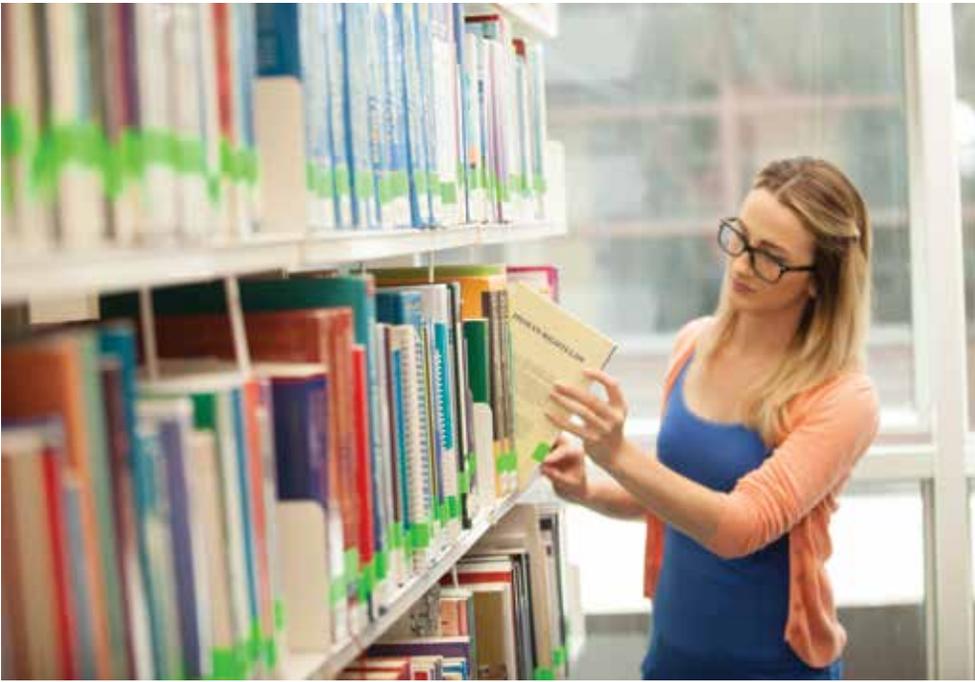
www.childandfamilyresearch.ie

Irish Centre for Social Gerontology

This multidisciplinary centre, which has excellent international links, focuses on research, education and training in the fields of ageing and social gerontology. Underpinning this research is recognition of the diversity of ageing populations and the increasing need to adopt interdisciplinary perspectives and novel approaches to addressing the questions raised by population ageing.

Researchers at the ICSG focus on such areas as the economics of ageing, social policies for ageing societies, ageing and place, and health and well-being in later life. The ICSG plays a leading role in the Institute for Lifecourse and Society, engaging in joint research with the Centre for Disability Law and Policy, the UNESCO Child and Family Research Centre and other groups. www.icsg.ie

Committed to building a foundation of knowledge to drive innovation and the understanding of social entrepreneurial strategies



Centre for Disability Law and Policy

The **Centre for Disability Law and Policy** is an internationally recognised centre of research excellence at NUI Galway's School of Law. It was founded in 2008 and was the first of its kind in Europe. The centre focuses on advancing social justice and human rights for people with disabilities through legislative and policy reform. www.nuigalway.ie/cdlp

World-renowned Centre for Human Rights Law

The **Irish Centre for Human Rights** is one of the world's premier university-based institutions for the study and promotion of human rights and humanitarian law. It has developed a global reputation for excellence in the field of human rights teaching, research and advocacy. This thriving research community allows students to engage in research on a broad spectrum of topics, including international human rights law, international criminal law, international humanitarian law and international relations. The centre's international reputation attracts high quality students to what is a thriving community of doctoral researchers. Researchers come from diverse cultural, educational, experiential backgrounds and from every corner of the globe. The excellence of the teaching faculty of the centre and its general collegial atmosphere of shared pursuit encourage a high level of achievement. www.nuigalway.ie/human_rights

Health Services Research

The **Centre for Clinical Health Services Research and Development (CCHRSD)** investigates and reports on the needs of a transforming Irish health service. Recent national reforms to health care provision emphasise an integrated, interdisciplinary approach, and the centre is well placed to support and reflect this new and collaborative way of working.

The Centre for Clinical Health Services Research and Development (CCHRSD) aims to:

- Perform high quality clinical health services research of regional, national and international significance;
- Harness a rich diversity of perspectives and expertise for collaborative research, appropriate to an increasingly interdisciplinary health service;
- Generate research that is relevant to service providers and service users and to maximise opportunities for a participatory approach to clinical health services research;
- Influence and inform clinical practice and service reform by disseminating information among practitioners, policymakers, researchers and the general public.

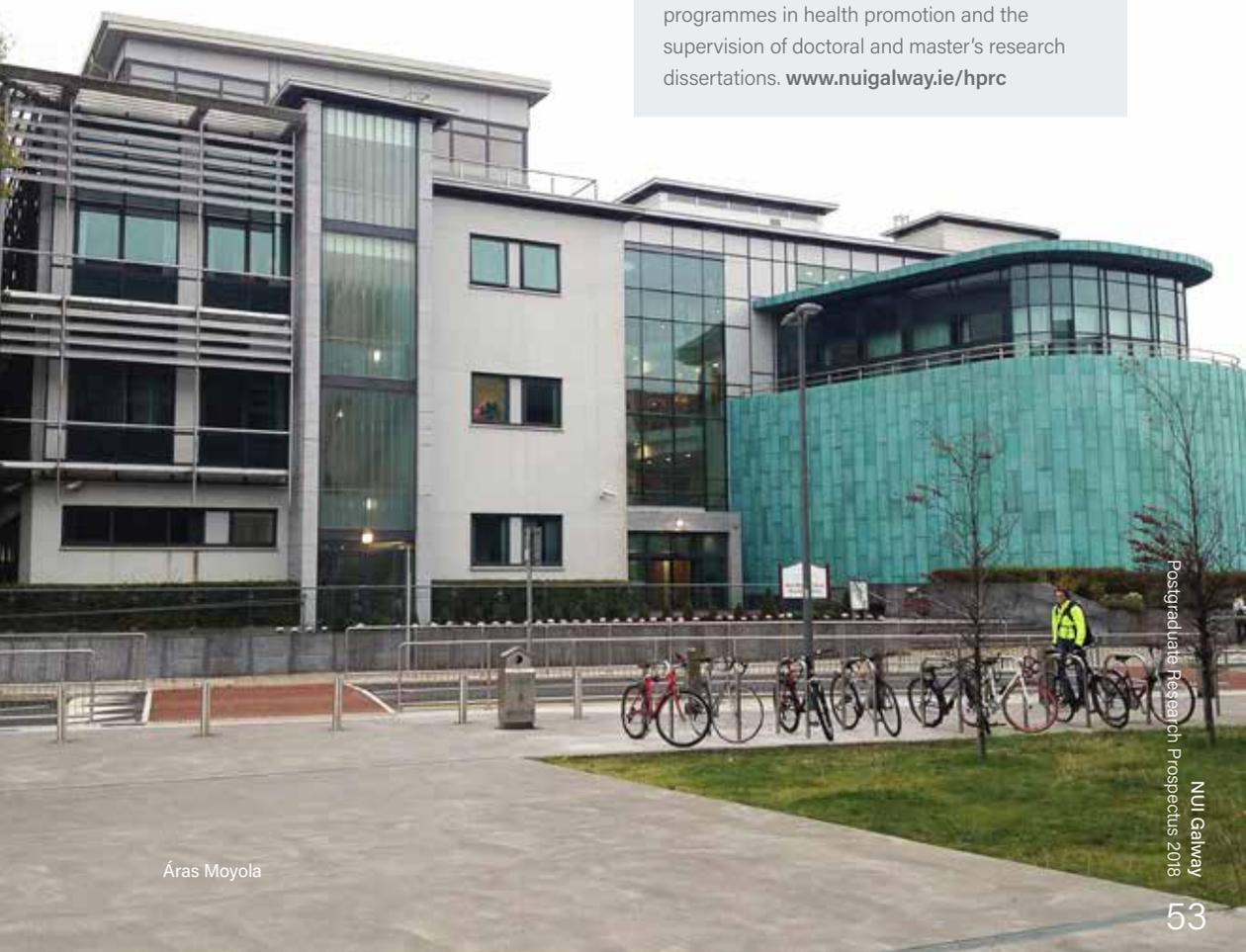
The Health Promotion Research Centre collaborates with national, European and international agencies, including the EU and WHO, on the development and evaluation of health promotion initiatives.

Health Promotion Research

Our **Health Promotion Research Centre (HPRC)**, the only one of its kind in Ireland, has been designated as a World Health Organization Collaborating Centre for Health Promotion Research since 2009. The centre produces high quality research that supports the development of best practice and policy in health promotion. The objectives of the HPRC include:

- The generation and dissemination of health promotion research that is of national and international relevance;
- The translation of research that will lead to the development of healthy public policy and evidence-informed practice.

The HPRC collaborates with national, European and international agencies, including the EU and WHO, on the development and evaluation of health promotion initiatives. The centre has an active multidisciplinary research programme in place, with over 30 staff undertaking independent and commissioned research work. Staff of the centre contribute to educational programmes in health promotion and the supervision of doctoral and master's research dissertations. www.nuigalway.ie/hprc



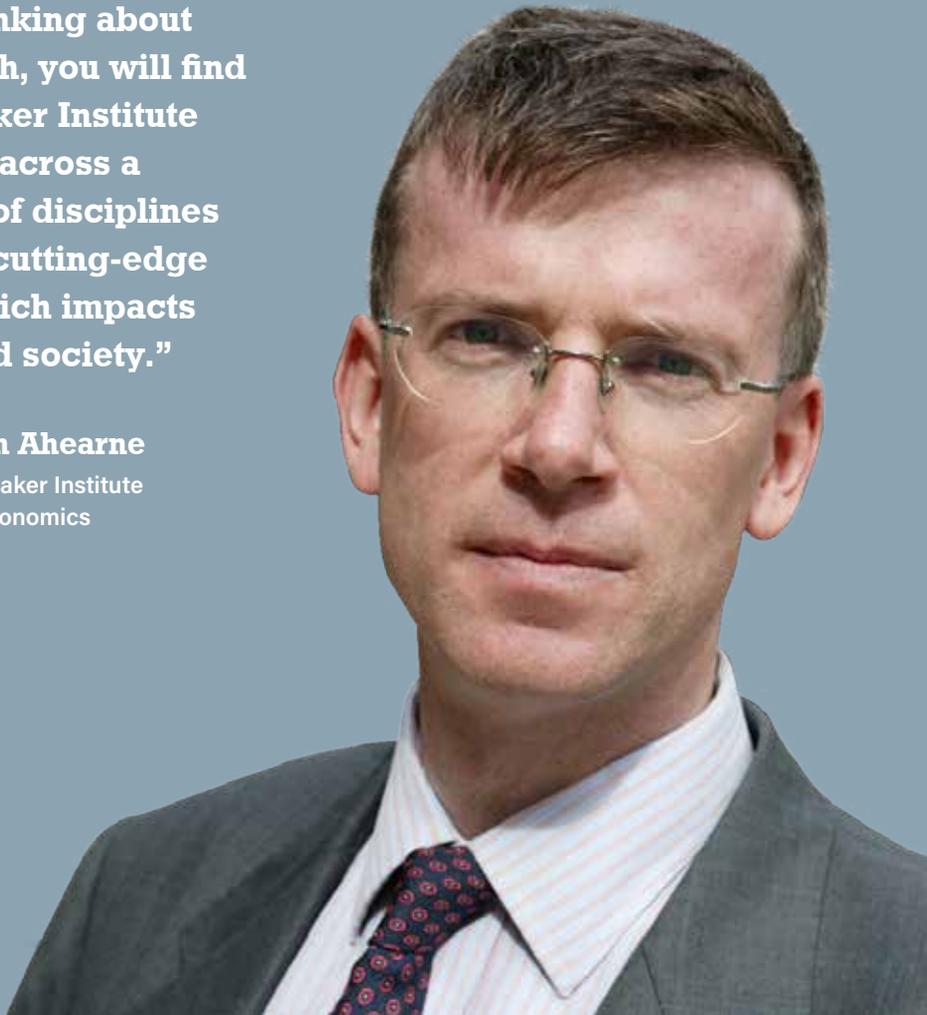
Researcher Profile

Professor Alan Ahearne is Director of the Whitaker Institute and Professor of Economics at NUI Galway. He is a member of the Board of the Central Bank of Ireland and Chair of the ESRI/Department of Finance Joint Research Programme on the Macro-economy and Taxation. He has served as adviser to the IMF, as research fellow at Bruegel, and as economic adviser to former Minister for Finance Brian Lenihan. Before joining NUI Galway, he was Senior Economist at the Federal Reserve Board in Washington, DC, where he worked for seven years. His areas of expertise are macroeconomics and international finance. He holds a PhD in economics from Carnegie Mellon University.

“If you’re thinking about PhD research, you will find at the Whitaker Institute supervisors across a wide range of disciplines engaged in cutting-edge research which impacts business and society.”

Professor Alan Ahearne

Director of the Whitaker Institute
and Professor of Economics



Research Institutes & Centres

Applied Social Sciences

Research Institutes and Centres		
Centre for Bioethical Research and Analysis (COBRA)	Dr Richard Hull	www.nuigalway.ie/cobra T: +353 91 492 415 E: noel.lowndes@nuigalway.ie
Centre for Clinical Health Services Research and Development (CCHSRD)	Professor Andrew Murphy	www.nuigalway.ie/cchsrd T: +353 91 493 525 F: +353 91 494 559 E: andrew.murphy@nuigalway.ie
Environmental & Natural Resource Economics Research Unit	Dr Tom Van Rensburg	www.ryaninstitute.ie T: +353 91 493 858 E: thomas.vanrensburg@nuigalway.ie
Health Economics and Policy Analysis Centre	Dr Paddy Gillespie	www.nuigalway.ie/health-economics T: +353 91 495636 E: hepac@nuigalway.ie
Health Promotion Research Centre	Professor Margaret Barry	www.nuigalway.ie/hprc T: +353 91 493 348 F: +353 91 494 547 E: margaret.barry@nuigalway.ie
HRB Irish Primary Care Clinical Trials Network	Professor Andrew Murphy	www.hrbcentreprimarycare.ie
Institute for Lifecourse and Society		
• Irish Centre for Social Gerontology (ICSG)	Professor Tom Scharf	www.nuigalway.ie/icsg T: +353 91 495 459 E: thomas.scharf@nuigalway.ie
• UNESCO Child and Family Research Centre (CFRC)	Professor Pat Dolan	www.childandfamilyresearch.ie T: +353 91 492 930 E: pat.dolan@nuigalway.ie
• Centre for Disability Law and Policy (CDLP)	Professor Gerard Quinn	www.nuigalway.ie/cdlp T: +353 91 523 014 E: gerard.quinn@nuigalway.ie
• Irish Centre for Autism and Neurodevelopmental Research	Dr Geraldine Leader	www.nuigalway.ie/ican T: +353 91 493 101 F: +353 91 521 355 E: geraldine.leader@nuigalway.ie
Irish Centre for Human Rights	Professor Michael O'Flaherty	www.nuigalway.ie/human_rights T: + 353 91 493 081 E: michael.oflaherty@nuigalway.ie
National Centre for Security Research	Dr Kiran Sarma	www.nuigalway.ie/secsocieties E: kiran.sarma@nuigalway.ie
Social Sciences Research Centre (SSRC)	Dr Ricca Edmondson	www.nuigalway.ie/ssrc T: +353 91 524 411 E: ricca.edmondson@nuigalway.ie
Whitaker Institute for Innovation and Societal Change	Professor John McHale	www.cisc.ie T: +353 91 493 472 E: john.mchale@nuigalway.ie
Women's Studies Centre	Dr Niamh Reilly	www.nuigalway.ie/wsc T: +353 91 495 403 E: niamh.reilly@nuigalway.ie



A hand holding a quill pen over an open book with a white beaded bookmark. The background is a blurred image of a desk with papers and a pen.

Humanities in Context

Understanding Our Past For a Better Future

The humanities encompasses vital areas of intellectual, critical, and creative inquiry, from the study of foreign languages to philosophy, history, literature, creative writing, journalism and drama. We investigate traditions that inform the present and lay the foundation for transforming the future through engaged teaching and research. NUI Galway is home to the world-recognised Moore Institute, a thriving community of academics, researchers and creative thinkers. We collaborate internationally and support major research projects in Ireland, Europe, and around the world, in part by drawing on rich archival collections here, including the world's largest theatre digitisation project. As a postgraduate student, you will benefit from the University's unique combination of groundbreaking academic expertise, professional practice and collaboration with some of Ireland's leading experts in humanities.

Tony-Award winning actress
Marie Mullen of Druid Theatre
with NUI Galway Drama
students, Gaiety Theatre 2014.





Moore Institute: Exploring the Interconnection Between creativity and Innovation

The **Moore Institute** brings together a dynamic group of researchers working on projects in the humanities and social studies, including interdisciplinary investigation of literature, history, politics, language, digital humanities, theatre, performance, Irish studies, gender, social issues, landscape, archaeology, and geography. We support postgraduates, postdoctoral fellows and academic staff throughout the College of Arts, Social Sciences, and Celtic Studies by hosting seminars, conferences, exhibitions, discussion groups and other events. We also host visiting scholars from around the world, integrating NUI Galway with leading research at a global level. We work closely with the James Hardiman Library to maximize our exceptional archival collections in theatre, Irish politics and landscape, and other areas. www.nuigalway.ie/mooreinstitute

Leading the Way in Digital Humanities

The Moore Institute at NUI Galway has a major commitment to Digital Humanities (DH). DH brings together expertise and methodologies from humanities scholars with new digital technologies – ranging from online digital archives of historical and cultural material, to the application of computational tools (e.g. data-mining), the creation of “born-digital” creative works, and broader investigations of the impact of digital technology on society. DH thrives on collaboration between researchers in the humanities, information technology, libraries and archives, media and heritage industries, and creative arts.

The Moore Institute hosts a large variety of digital humanities projects and resources, and offers training and support for students and scholars engaged in digital humanities research. It also hosts the Digital Arts and Humanities PhD programme where it provides fourth-level researchers with the platform, structures, partnerships, and innovation models to engage and collaborate with a wide range of academics and practitioners. Our ambition is for students to contribute to the developing digital arts and humanities community world-wide. As a key partner in NUI Galway’s new Digital Cultures Initiative, the Institute will further develop interdisciplinary digital humanities teaching and research across the University, and connect research with digital industries and creative and cultural communities.



World's Largest Theatre Digitisation Project

In 2012 NUI Galway entered into a strategic partnership with the Abbey Theatre, Ireland's National Theatre, to digitise the complete Abbey Archive. In what is the world's largest theatre digitisation project, NUI Galway researchers are making available for the first time one of Ireland's most significant literary, historical, social and cultural archives. In 2016, NUI Galway announced that it was also producing a digital archive of the Gate Theatre and an Oral History project involving Druid Theatre. These exciting Digital Humanities projects place NUI Galway at the forefront of international theatre research. www.library.nuigalway.ie/collections/archives

Drama and Theatre Studies at NUI Galway

NUI Galway is a leading international centre for the study of Irish theatre. Its Centre for Drama, Theatre and Performance focuses on research and practice in drama and the performing arts, and our staff have special strengths in practice-based research, Irish theatre, applied theatre, and writing for theatre (including playwriting), among other areas.

Central to our activities are links with the Irish theatre sector. The University has forged dynamic partnerships with key cultural arts organisations in Ireland, including the Abbey Theatre, Druid Theatre Company, and the Galway International Arts Festival. The Centre hosts regular visits from

leading writers, practitioners and scholars, and holds major international conferences annually. Student productions take place throughout the year, staged both on campus and in city theatres.

In 2014 Druid Theatre Company and NUI Galway launched the Druid Academy. Its aim is to foster new generations of theatre makers, researchers and playwrights, who will change the way we produce and think about drama in Galway, Ireland and the world. Tony Award-winning director Dr Garry Hynes has taken up the role of Adjunct Professor of Drama at NUI Galway. As a result, our students benefit from regular workshops and master classes with the renowned director, as well as with many other members of the Druid ensemble and company.

The Centre for Drama, Theatre and Performance is a thriving research community. Most of our PhD students have won competitive scholarships in support of their research, and we also welcome funded post-doctoral fellows and visiting researchers every year. Current projects include practice-based PhDs on dance and disability, verbatim theatre and oral history, Shaw's Irish plays and Yeats's dance plays. We also host PhD research on Shakespeare and Ireland, intercultural theatre, site specific performance, Irish scenography, amateur theatre, and more.

Our research students are given extensive use of first-rate archival and research facilities, and have access to rehearsal spaces, a 120-seat theatre and a writers' studio space, and much more. NUI Galway research students present their work at major international conferences, have published with leading journals, and are given dedicated professional mentoring throughout their time at the University.

Fostering new generations of theatre makers, researchers and playwrights, who will change how we produce and think about drama

The archive collections include over 350 unique archival and special collections

A Rich Archive Collection

Archives comprise a major research resource for researchers working on aspects of the literary, social, economic, political and cultural life of Ireland. The archive collections of the James Hardiman Library include over 350 unique archival and special collections, ranging in size from one postcard to 300 boxes of material, and dating from 1485 to the present. These make up one of the most important collections of Irish theatre archives in the world, featuring material from the Thomas Kilroy Collection, the Druid Theatre Company, Galway International Arts Festival, Taibhdhearc na Gaillimhe, Lyric Players' Theatre/O'Malley Collection and the Abbey Theatre and the Gate Theatre collections. The Library's world-class facilities, including a newly built 36-seat reading room and dedicated exhibition space, make it a dynamic hub for learning and showcasing innovation.

NUI Galway is also home to the papers and recordings of director, writer and actor John Huston, and also houses the archives of the renowned film-maker and environmentalist Éamonn de Buítléar. The Huston Archive offers a unique insight into the prolific intersection of Irish literature and American cinema.

The Éamonn de Buítléar multimedia archive collection, which spans over 60 years, includes his wildlife materials, as well as original recordings and unique insights into the revival of the Irish traditional music in the 20th century.

These archives are held in the James Hardiman Library at NUI Galway, which is also home to a range of other literary, historical and political archives, including the Brendan Duddy Archive, which has the full text of the 'red book' (a handwritten account of the 1981 hunger strike negotiations). This provides a unique insight into the resolution of the 'Troubles', during which Duddy secretly acted as an intermediary between the British Government and the IRA. Other major electronic historical databases include that of the Landed Estates of Munster, c.1700–1900, and the Irish Language and Literature Collections, which feature material from Conradh na Gaeilge, the Tadhg Seoige papers and Lámhscríbhinní Dubhghlas de hÍde.



Centre for Irish Studies

Since its inception in 2000, the Centre for Irish Studies has established itself as one of the pre-eminent centres worldwide for advanced teaching and interdisciplinary research on modern and contemporary Irish literature, language, music, history and culture. The centre is particularly open to innovative research on Irish writing, in both Irish and English, translation studies, space and place studies, and Irish music and dance studies.

The centre has developed a number of partnerships between the creative and performing arts and the academic community at NUI Galway, including the appointments of Irish language poet, Máire Mhac an tSaoi, and the late John McGahern as honorary professors of Irish Studies. The centre has also developed a number of archival projects, including a valuable collection of songs from the repertoires of the sean-nós singers-in-residence, audio recordings of contemporary Irish writers, and the Joe Burke Archive, which provides extraordinary insights into the music tradition of East Galway and the Irish diaspora.

www.nuigalway.ie/centre_irish_studies

Researcher Profile

Charlotte McIvor is the author of *Migration and Performance in Contemporary Ireland: Towards A New Interculturalism* (Palgrave Macmillan), *Staging Intercultural Ireland: Plays and Practitioner Perspectives* (co-edited with Matthew Spangler, Cork University Press) and *Devised Performance in Irish Theatre: Histories and Contemporary Practice* (co-edited with Siobhán O’Gorman, Carysfort Press). Her work has also appeared in *Modern Drama*, *Theatre Topics*, *Irish Studies Review*, *Irish University Review* and multiple edited collections including “*That Was Us*”: *Essays on Contemporary Irish Theatre and Performance*. Her research specialisations include contemporary Irish theatre and performance and intercultural performance at the intersection of migration and critical race and gender studies.

“When you do a PhD in Drama and Theatre Studies at NUI Galway, you will find yourself at the daily intersection of theory and practice working with an inclusive community of scholars/theatre-makers at the cutting of edge of theatre and performance studies research. You will be engaged with the living Irish theatre and arts industry while enjoying unparalleled access to many of Irish theatre’s most important archives on campus. You will do all of this while being at the centre of international debates in theatre and performance studies through a vibrant programme of symposia, conferences and performances hosted in our O’Donoghue Centre for Drama, Theatre, and Performance.”

Dr Charlotte McIvor

Lecturer Above The Bar
Drama & Theatre Studies



Research Institutes & Centres

Humanities in Context

Research Institutes and Centres		
Centre for Drama, Theatre and Performance	Dr Patrick Lonergan	www.nuigalway.ie/drama T: +353 91 49 4426 E: patrick.lonergan@nuigalway.ie
Centre for Irish Studies	Dr Louis de Paor	www.nuigalway.ie/centre_irish_studies T: +353 91 493 660 E: louis.depaor@nuigalway.ie
Huston School of Film and Digital Media	Dr Seán Crosson, Acting Director	www.filmschool.ie T: +353 91 495 687 E: sean.crosson@nuigalway.ie
Moore Institute for Research in the Humanities and Social Studies	Professor Daniel Carey	www.nuigalway.ie/mooreinstitute T: +353 91 493 907 E: mooreinstitute@nuigalway.ie



Student Profile

A little about our students

“My research is focussed on developing a better understanding of the material properties of clot material, to aid the development of vascular devices for the treatment of stroke. It involves an experimental aspect, where analogue/synthetic clot material is tested, and also a computational element, where a computer model of the clot will be generated.

Studying at NUI Galway has provided me with many opportunities to engage with other people in the field of Biomedical Engineering. Since Galway is a Med-Tech hub, there are many collaborative links between the university and the medical device industries based here.

I thoroughly enjoy studying at NUI Galway. There are top-class facilities and laboratories available to us and there is a very friendly and relaxed working environment. The lecturers and other postgraduate students are very approachable and always happy to help. There is also a real sense of community among the postgraduate students and a great social aspect outside of the research.”

Sarah Johnson

PhD Biomedical Engineering





Our Research Programmes



Research Programmes

Structured PhD Programmes

Structured PhD programmes provide you with focused support during your research, helping you to develop a range of discipline-specific and transferable skills and giving you a more rounded PhD experience, which will assist you greatly in your career after you graduate. Some of the structured PhD programmes involve inter-institutional collaboration.

The key characteristics are as follows:

- a. The core component of a structured PhD programme is the advancement of knowledge through original research. At the same time, the structured PhD is designed to meet the needs of an employment market that is wider than academia.
- b. It provides high quality research experience, training and output, consistent with international norms and best practice.
- c. To support the original research activity, the following elements are included:
 - a formalised integrated programme of education, training and personal and professional development activities
 - the development of discipline-specific knowledge, research skills and generic/transferable skills
 - declared outcomes and graduate attributes in line with national and international best practice
- d. Supervision by a primary supervisor, with a supporting panel approved by the institution. At NUI Galway, every research student and supervisor has a 'Graduate Research Committee'.
- e. Progress to completion is formally monitored and supported by formal institutional arrangements in line with national and international best practice.
- f. Successful completion and examination of the research thesis is the basis for the award of the PhD degree.
- g. Registration is normally for four years for a full-time student.
- h. Flexible delivery and assessment are key features of Structured PhD modules.

At NUI Galway, every research student and supervisor has the support of a 'Graduate Research Committee'.



Each of the structured PhD programmes offers discipline-specific modules which are listed under each of the Colleges. Further information on modules is available at the following link: www.nuigalway.ie/graduate-studies/prospectivestudents/structuredphds

Research Skills Training Resources

Research Skills Training Resources are available for Research Students on the Graduate Studies Blackboard 1GST1 site. Each incoming student is automatically registered on this Blackboard site.

- An Introduction to Research Skills
- Getting Published in the Arts
- Getting Published in the Sciences
- Ethics 1: Good Research Practice
- Ethics 2: Working with Human Subjects
- Research Methods in the Arts and Humanities
- Research Methods in the Social Sciences
- Research Methods in the Sciences
- Research Methods in Literature Review
- Managing Your Research Project
- Career Planning in the Sciences
- Career Planning in the Arts, Humanities and Social Sciences
- Intellectual Property in the Research Context
- Working with your Supervisor
- Conference, Presenting & Networking
- Research Integrity
- Natural and Physical Sciences
- Engineering and Technology
- Social and Behavioural Sciences
- Arts & Humanities
- Academic Entrepreneurship: An Introduction
- Entrepreneurial Opportunities: Recognition and Evaluation
- Entrepreneurial Resources: People, Teams and Finance
- Other Video Materials
- Information Literacy
- Poster Design
- Research Supervision
- Thesis Writing
- Writing for Publication
- The Viva

Structured PhDs are now offered in each College. For further information, please follow the links below:

College of Arts, Social Sciences, and Celtic Studies www.nuigalway.ie/colleges-and-schools/arts-social-sciences-and-celtic-studies/phd-research-degrees/index.html

College of Business, Public Policy & Law www.nuigalway.ie/business-public-policy-law/cairnes/courses/research/business-public-policy-law.html

College of Engineering and Informatics www.nuigalway.ie/engineering-informatics/postgraduatestudents

College of Medicine, Nursing and Health Sciences www.nuigalway.ie/colleges/mnhs/research.html

College of Science www.nuigalway.ie/science/postgraduatestructuredprogrammes



Other Supports

Vice Deans of Graduate Studies

In each College, there is a Vice Dean, who is responsible for working with the Dean of Graduate Studies, ensuring that feedback from postgraduate students, supervisors, Graduate Research Committees and examiners is considered and that any necessary changes in guidelines or regulations are drafted and formally approved.

College of Arts, Social Sciences, and Celtic Studies: **Mr Joe Mac Donnacha**

College of Business, Public Policy and Law: **Dr Rachel Hilliard & Dr Ciara Smyth**

College of Engineering and Informatics: **Dr Jim Duggan**

College of Medicine, Nursing and Midwifery: **Dr Dara Cannon**

College of Science: **Dr Mike Carty**

Academic Research Postgraduate Coordinators

These staff members will be able to assist you with general research postgraduate queries within your discipline and can advise about student representation on various School/College committees.

Research School Postgraduate Student Representatives

A research representative is a self-nominated research student at NUI Galway. The student must put themselves forward to be the representative of their school with the Students' Union.

University Guidelines for Research Degree Programmes Available at:

http://www.nuigalway.ie/media/graduatestudies/files/university_guidelines_for_research_degree_programmes.pdf

National Guidelines of Good Practice in the Organisation of PhD Programmes in Irish Universities is available at:

<http://www.iaa.ie/publication/view/iaa-graduate-skills-statement-brochure-2015/>

European University Association (EUA)

www.eua.be

ALIVE: NUI Galway's Student Volunteering Programme

Volunteering is a great way to meet new and interesting people. It also is a unique opportunity for students to increase their knowledge, skills and abilities so that they understand and appreciate the diversity of our society by working in partnership with communities for mutual benefit. ALIVE (A Learning Initiative and the Volunteering Experience) was established by the University to enable, harness, acknowledge and support the contribution that NUI Galway students make by volunteering either at home, in Galway or within the University community itself. When you volunteer, you receive your ALIVE certificate, which is a great addition to your CV. <http://cki.nuigalway.ie/alive>

Research Programme Listings

(Sorted by subject area)

Subject area	Degree(s) available (ft = full-time; pt = part-time)	Website(s) (for detailed information, including potential supervisor[s] and their research interests)
Agribiosciences	Structured Masters (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/agribiosciences.html
Anaesthesia	Structured PhD (ft), PhD (ft & pt), MD (ft & pt), MSc (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/anaesthesia.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/anaesthesia.html
Anatomy	Structured PhD (ft), PhD (pt), MSc (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/anatomy.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/anatomy.html
Applied Behaviour Analysis	Structured PhD (ft)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/applied-behaviour-analysis.html
Applied Mathematics	Structured PhD (ft), MSc (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/applied-mathematics.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/applied-maths.html
Archaeology	Structured PhD (ft), MLitt (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/archaeology.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/archaeology.html
Bacteriology	Structured PhD (ft), PhD (pt), MD (ft & pt), MSc (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/bacteriology.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/bacteriology.html
Biochemistry & Chromosome Biology	Structured PhD (ft), PhD (pt) & MSc	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/biochemistry.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/biochemistry.html
Bioinformatics	Structured (ft), MSc (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/bioinformatics.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/bioinformatics.html
Bioinnovate, Bioinnovation	MSc (ft)	www.bioinnovate.ie www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/bioinnovation.html
Biomedical Engineering and Regenerative Medicine (BMERM)	Structured PhD (ft)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/biomedicalengineeringandregenerative-medicinestructuredphd

Programme listings are correct at time of going to press. For updates, please visit www.nuigalway.ie/courses

Subject area	Degree(s) available (ft = full-time; pt = part-time)	Website(s) (for detailed information, including potential supervisor[s] and their research interests)
Biomedical Engineering	Structured PhD (ft & pt), MEngSc (ft & pt), MSc (ft), PhD (pt), ME (ft), MAppSc (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/mechanical-biomedical-engineering.html www.nuigalway.ie/engineering-informatics/biomedical-engineering/courses/postgrad-research-programmes/
Biomedical Engineering Science	Structured PhD (ft)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/biomedical-engineering-science.html
Biostatistics	Structured PhD (ft), MSc (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/biostatistics.html/ www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/biostatistics.html
Botany/Plant Science	Structured PhD (ft), MSc (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/botany.html/ www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/botany-plant-science.html
Business Information Systems	MSc (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/business-information-systems.html
Business, Public Policy and Law	Structured PhD (ft)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/business-public-policy-law.html
Cancer Research	Structured MSc	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/cancer-research.html
Cellular and Molecular Biology	Structured PhD (ft)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/cellular-molecular-biology.html
Celtic Studies/ Léann Ceilteach	Structured PhD (ft), PhD (pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/celtic-studies.html
Centre for Excellence in Teaching and Learning (CELT)	PhD (pt), MLitt (pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/celt.html
Chemistry	Structured PhD (ft), Structured Masters, MSc (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/chemistry.html/ www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/chemistry-msc-structured.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/chemistry.html
Child and Youth Research	Structured PhD (ft)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/child-youth-research.html
Children's Studies	Structured PhD (ft & pt)	www.nuigalway.ie/childrens-studies-phd
Civil Engineering	Structured PhD (ft & pt), PhD (pt), MEngSc (ft & pt), MAppSc (ft & pt), ME (ft)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/civil-engineering.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/civil-engineering.html
Classics	Structured PhD (ft), MLitt (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/classics.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/classics.html
Cloud Computing Research	MSc (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/cloud-computing-research.html

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Subject area	Degree(s) available (ft = full-time; pt = part-time)	Website/s (for detailed information, including potential supervisor[s] and their research interests)
Commerce	PhD (ft & pt), MComm (ft & pt), MPhil (pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/commerce-business.html
Digital Arts and Humanities	Structured PhD (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/digital-arts-humanities.html
Disability Law & Policy	PhD (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/law-disability-policy.html
Drama and Theatre Studies	Structured PhD (ft), Structured PhD (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/drama-and-theatre-studies.html www.nuigalway.ie/drama/postgrad/phd/
Earth and Ocean Sciences	Structured PhD (ft), MSc (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/earth-ocean-sciences.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/earth-ocean-sciences.html
Economics	MLitt (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/economics-research.html
Education	Structured PhD (ft, pt), MLitt (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/education-research.html
Electrical and Electronic Engineering	Structured PhD (ft & pt), PhD (pt), MEngSc (ft & pt), MApplSc (ft & pt), ME (ft)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/electrical-electronic-eng.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/electrical-electronic-engineering.html
English	Structured PhD (ft & pt), PhD (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/english.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/english.html
Environmental Science	MSc (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/environmental-science.html
Film Studies	Structured PhD (ft & pt), PhD (ft & pt), PhD (practice based [ft & pt])	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/film-studies.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/film-studies.html
French	Structured PhD (ft), MLitt (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/french.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/french.html

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Subject area	Degree(s) available (ft = full-time; pt = part-time)	Website/s (for detailed information, including potential supervisor[s] and their research interests)
General Practice	Structured PhD (ft), PhD (pt), MD (ft & pt), MSc (by research, ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/general-practice.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/general-practice.html
Geography	Structured PhD (ft), MLitt (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/geography.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/geography.html
German	Structured PhD (ft), MLitt (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/german.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/german.html
Global Women's Studies	Structured PhD (ft)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/global-womens-studies.html
Health Promotion	Structured PhD (ft & pt), PhD (ft & pt), MLitt (ft & pt), MD (ft & pt), MPhil (ft & pt), MPhil in Social Care (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/health-promotion.html www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/health-promotion-med.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/health-sciences-health-promotion.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/health-sciences-social-care.html
Health Psychology Practice	Structured PhD (ft)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/health-psychology-practice.html
History	Structured PhD (ft & pt), MLitt (ft & pt), PhD (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/history.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/history.html
Human Rights	Structured PhD (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/law-human-rights.html
Industrial Engineering	Structured PhD (ft & pt), PhD (pt), MEngSc (ft & pt), MAppSc (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/industrial-engineering.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/industrial-engineering.html
Information Technology	Structured PhD (ft & pt), PhD (pt), MSc (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/information-technology.html www.nuigalway.ie/courses/research-postgraduate-programmes/information-technology.html

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Subject area	Degree(s) available (ft = full-time; pt = part-time)	Website/s (for detailed information, including potential supervisor(s) and their research interests)
Insight Centre for Data Analytics [Engineering]	Structured PhD (ft & pt), PhD (pt), MAppSc (ft & pt), MEngSc (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/insight-eng-research.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/insight-engineering.html
Insight Centre for Data Analytics [Science]	PhD (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/insight-engineering.html
International Cultural Studies	Structured PhD (ft)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/International-Cultural-Studies.html
Irish Language Studies	Structured PhD (ft)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/irish-language-studies.html
Irish Studies	Structured PhD (ft & pt), MLitt (ft & pt), PhD (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/irish-studies.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/irish-studies.html
Italian	Structured PhD (ft), MLitt (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/italian.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/italian.html
Key Enabling Technologies	Structured Masters (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/key-enabling-technologies.html
Language Science	Structured PhD (ft)	http://www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/language-science.html
Latin American Studies	Structured PhD (ft)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/latin-american-studies.html
Law	Structured PhD (ft & pt), LL.M (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/law.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/law.html
Learning Sciences	Structured PhD (ft)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/learning-sciences.html
Marine Sciences	Structured PhD (ft)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/marine-sciences.html
Marketing	MSc (pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/marketing.html
Mathematics	Structured PhD (ft), MLitt (ft & pt), MSc (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/mathematics.html www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/science-mathematics.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/maths.html
Mechanical Engineering	Structured PhD (ft & pt), PhD (pt), MEngSc (ft & pt), MAppSc (ft & pt), ME (ft), MSc (ft)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/mech-bio.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/mechanical-biomedical-engineering.html

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Subject area	Degree(s) available (ft = full-time; pt = part-time)	Website/s (for detailed information, including potential supervisor[s] and their research interests)
Medicine	Structured PhD (ft), PhD (pt), MD (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/medicine.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/medicine.html
Medieval Studies	Structured PhD	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/medieval-studies.html
Microbiology	Structured PhD (ft), MSc (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/microbiology.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/microbiology.html
NCBES [Science]	PhD (pt), MSc (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/science-ncbes.html
Nua-Ghaeilge	Struchtúrtha PhD (pt), MLitt (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/nua-ghaeilge.html
Nursing & Midwifery	Structured PhD (ft), PhD (pt), MPhil (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/nursing-midwifery.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/nursing.html
Obstetrics and Gynaecology	Structured PhD (ft), PhD (pt), MD (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/obstetrics-gynaecology.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/obstetrics-gynaecology.html
Occupational Health and Hygiene	MSc (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/occupational-health-hygiene.html
Occupational Therapy	Structured PhD (ft & pt), PhD (ft & pt), MPhil (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/occupational-therapy.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/health-sciences-occupational-therapy.html
Old and Middle Irish	Structured PhD (ft & pt), MLitt (ft & pt), PhD (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/old-middle-irish.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/old-middle-irish.html
Paediatrics	Structured PhD (ft), PhD (pt), MD (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/paediatrics.html http://www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/paediatrics.html
Pathology	Structured PhD (ft), PhD (pt), MD (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/pathology.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/pathology.html

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Subject area	Degree(s) available (ft = full-time; pt = part-time)	Website/s (for detailed information, including potential supervisor[s] and their research interests)
Perception, Cognition and Action	Structured PhD (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/perception-cognition-action.html
Pharmacology and Therapeutics	Structured PhD (ft), PhD (pt), MSc (ft & pt), MD (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/pharmacology-therapeutics.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/pharmacology-therapeutics.html
Philosophy	Structured PhD (ft & pt), MLitt (ft & pt), PhD (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/philosophy.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/philosophy.html
Philosophy of Art and Culture (inter-institutional)	Structured PhD (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/philosophy-art-culture.html
Physics	Structured PhD (ft), MSc (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/physics.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/physics.html
Physiology	Structured PhD (ft), PhD (ft & pt), MSc (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/physiology.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/physiology.html
Plant Agribiosciences	Structured PhD (ft)	http://www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/plant-agribiosciences.html
Podiatric Medicine	Structured PhD (ft & pt), PhD (ft & pt), MPhil (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/podiatry.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/health-sciences-podiatry.html
Political Science and Sociology	Structured PhD (ft)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/political-science-sociology.html
Psychiatry	Structured PhD (ft), PhD (pt), MD (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/psychiatry.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/psychiatry.html
Psychology	Structured PhD (ft), MLitt (ft & pt), DPsych (pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/psychology.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/psychology.html
Psychology and Health	Structured PhD (ft)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/psychology-health.html

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Subject area	Degree(s) available (ft = full-time; pt = part-time)	Website(s) (for detailed information, including potential supervisor[s] and their research interests)
Radiology	Structured PhD (ft), PhD (pt), MD (ft & pt), MSc (ft)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/radiology.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/radiology.html
REMEDI	Structured PhD (ft), PhD (pt), MSc (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/remedi.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/medicine-remedi.html
Ryan Institute [Science]	MSc (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/science-mri.html
Social Psychological Science and Cognitive Science	Structured PhD (ft)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/social-psychological-cognitive-science.html
Sociology & Politics	Structured PhD (ft), MLitt (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/political-science-sociology.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/sociology-politics.html
Spanish	MLitt	www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/spanish.html
Spanish Studies	Structured PhD (ft), MLitt (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/spanish.html
Specialist Nursing	Research Masters	www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/specialist-nursing.html
Speech and Language Therapy	Structured PhD (ft & pt), PhD (Language Science) (ft & pt), MPhil (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/speech-language.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/health%20sciences-slt-mphil.html
Statistics	Structured PhD (ft), MSc (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/statistics.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/statistics.html
Studio Art	PhD (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/studio-art.html
Surgery	Structured PhD (ft), PhD (pt), MCh (ft & pt), MD (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/surgery.html www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/surgery.html
TechInnovation	PDip (ft)	www.nuigalway.ie/techinnovation
Texts, Contexts, Cultures	Structured PhD (ft)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/texts-contexts-cultures.html
Women's Studies	MLitt (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/phd-and-masters/womens-studies.html
Zoology	Structured PhD (ft), MSc (ft & pt)	www.nuigalway.ie/courses/research-postgraduate-programmes/structured-phd/zoology.html

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The Application Process

- 1. Find a Supervisor/PhD Project**
- 2. Funding and Scholarships**
- 3. Apply Online**



1 Find a Supervisor/ PhD Project

One of the most important parts of choosing a research programme is finding a supervisor who has relevant expertise in your area of interest. You can find potential supervisors and identify the key research interests of our academic staff and researchers by using our online search site: www.nuigalway.ie/findasupervisor

You can use this site to find potential supervisors and identify the key research interests of our academic staff and researchers. Insert a keyword to find a PhD project or supervisor name (see search field box, top right of web-page). For example, inserting the keywords "stem cells" will return these results (partial screenshot shown, more entries will be displayed):

When you find a supervisor who or a project that aligns with your research interests, you should make contact with the relevant academic to discuss matters further. They can also advise you on how to apply to become an NUI Galway research student.

Overview

Undergraduate Courses

Postgraduate Taught Courses

Postgraduate Research Courses

Choosing a Research Programme

Find a Supervisor/PhD Project

Research Programmes

Structured Programmes

Scholarships

One of the most important parts of choosing a research programme is finding a supervisor who has relevant expertise in your area of interest. When you find a supervisor who, or a project that, aligns with your research interests, you should make contact with the relevant academic to discuss matters further. They can also advise you on how to apply to become an NUI Galway research student.

To help you find potential supervisors/PhD projects and identify the key research interests of our academic staff and researchers, you can use the "Search" facility below to search by supervisor name(s) or using keyword searches, e.g., history.

stem cells

Download: COPY CSV EXCEL PDF

Supervisor	Interests	Theme	Sub-Theme
Joshi, Prof Lokesh Vice President For Research	Sugars coat every living cell. The lab is investigating the role of sugar-protein interactions in health and diseases. Current projects involve	Biomedical Science and Engineering	Cancer Biology, Diagnostics and Therapeutics

Fig 1: Screenshot from "Find a supervisor" website

Professor Lokesh Joshi, whose research profile appears below, is NUI Galway's Vice President for Research. He leads the University's research mission that firmly places NUI Galway among the top research-led universities globally.

You can then download/export your results in different formats (e.g. PDF or Excel). The output file includes details of the research theme and sub-theme of our current research projects. Contacts for each are also listed.

This search site links to IRIS, NUI Galway's Institutional Research Information System, which enables researchers and academic staff to maintain an up-to-date CV and showcase their research expertise. For example, clicking on the hyperlink under Professor Lokesh Joshi's name in the "Find our supervisor/PhD project" Supervisor column (see Fig 1) will bring you to Professor Joshi's entry in the IRIS database:

This details the researcher's biography, and clicking on the **Research tab (link)** in this section will give you more important information. Other links to view include **Publications** (Book Chapters, Peer Reviewed Journals, Conference Papers, and so on) (see Fig 2).

Visit www.nuigalway.ie/research-office/onlinesystems/iris for more information on this innovative online system.

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NATURAL SCIENCES

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- Research Office

Prof Lokesh Joshi

B.Sc., M.Sc., Ph.D

Contact Details

Vice President For Research
SCHOOL OF NATURAL SCIENCES
NUI GALWAY

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E: lokesh.joshi@nuigalway.ie

Biography **Research** Publications Professional Teaching Collaborators

Research Interests

PRINCIPAL AREAS OF RESEARCH

My principal focus of research is integration of life sciences, chemistry, engineering, medicine and informatics in the field of Glycosciences to discover and develop novel molecules and relevant technologies for industrial and clinical purposes. The research group is developing technologies that are amenable for HTP methods. These Technologies are being applied to host-pathogen biology, stem cell, cancer/apoptosis, immunology and biopharmaceutical manufacturing processes.

Fig 2: Screenshot from "Find a supervisor/PhD project" website

2 Funding and Scholarships

University Scholarships

The Hardiman PhD Scholarships

www.nuigalway.ie/hardiman-scholarships

The Hardiman PhD Scholarships are fully-funded, four-year PhD scholarships, focused on five key areas of world-class research in which the University offers leading expertise. The primary strategic aim is to attract the best students to NUI Galway and to support their development as innovative individuals who will contribute globally to economic, cultural and social development. The value of the scholarship is a stipend of €16,000 per annum plus fees. Successful applicants will be expected to have a first or upper second class honours primary degree or equivalent. Shortlisting of applicants will be undertaken by a panel and those shortlisted will be interviewed. Successful candidates will register for a full-time structured PhD in one of the five Colleges of the University.

NUI Galway College Scholarships

Information on PhD scholarships is available from the following College websites:

College of Arts, Social Sciences and Celtic Studies

www.nuigalway.ie/colleges-and-schools/arts-social-sciences-and-celtic-studies/phd-research-degrees/scholarships/

College of Business, Public Policy and Law

www.nuigalway.ie/business-public-policy-law/

College of Engineering and Informatics

www.nuigalway.ie/engineering-informatics

College of Medicine, Nursing and Health Sciences

www.nuigalway.ie/medicine-nursing-and-health-sciences

College of Science

www.nuigalway.ie/science/postgraduatestructuredprogrammes/scholarships/

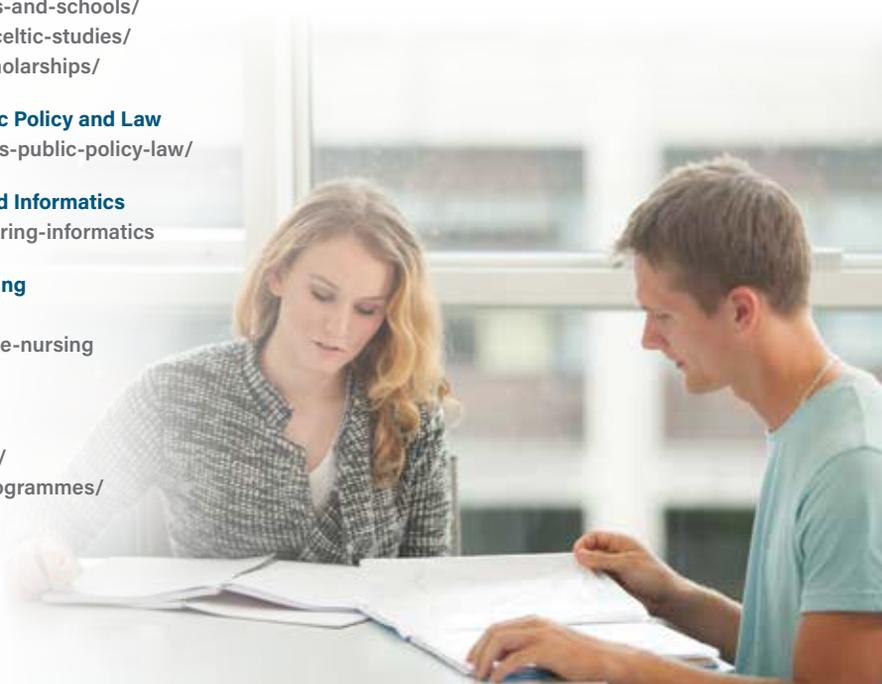
External Scholarships

Irish Research Council (IRC)

www.research.ie

Provides postgraduate funding to undertake a PhD programme in all disciplines, under the following schemes:

- **Irish Research Council Government of Ireland Postgraduate Scholarship Scheme:** supports suitably qualified Research Masters and Doctoral candidates pursuing or intending to pursue full-time research in any discipline.
- **Employment Based Postgraduate Programme:** funding for companies to employ high-calibre researchers to work on site with them.
- **Enterprise Partnership Programme:** an innovative initiative where the Council links with an Enterprise Partner to award co-funded postgraduate scholarships to highly promising researchers in Ireland. By working closely with an Enterprise Partner, researchers benefit from an enhanced research experience as well as having the opportunity to learn key transferable skills relevant to career formation.





Other external funding sources for international students

Irish Fulbright Commission: Fulbright US Student Awards www.fulbright.ie

The Fulbright Commission of Ireland annually awards grants to Irish and EU postgraduate students, scholars, and professionals to study, research and lecture in the United States, and for American students to do the same in Ireland.

Wellcome Trust

- **Doctoral Studentships:** this scheme enables individuals to undertake a humanities or social science doctoral degree in any area of human and animal health.
<https://wellcome.ac.uk/funding/doctoral-studentships>
- **Research Training Fellowships:** this scheme, for example, supports medical or clinical psychology graduates who wish to undertake substantial training through high-quality research in an appropriate unit or clinical research facility to gain a PhD or MD qualification.
<https://wellcome.ac.uk/funding/research-training-fellowships>

NUI Awards

www.nui.ie/awards/postgraduates.asp

The National University of Ireland also makes awards available to postgraduate research students.

Universities Ireland North/South Scholarship Scheme

<http://universitiesireland.ie/northsouth-postgraduate-scholarships/>

The aim of this collaborative scheme is to encourage outstanding students from the Republic of Ireland and Northern Ireland to cross the border to undertake postgraduate study and experience life in the other Irish jurisdiction.

International Scholarships

NUI Galway International Student Scholarships

www.nuigalway.ie/international-students/feesfinance/internationalscholarships

NUI Galway is committed to attracting high calibre students from around the world. To this end, the University offers a range of based scholarships to students from a number of countries, in line with our strategic international priorities.

The George J. Mitchell Scholarships www.us-irelandalliance.org

Up to 12 Mitchell Scholars are chosen annually for one year of postgraduate study in any discipline offered by institutions of higher learning in Ireland and Northern Ireland. Applicants are judged on three criteria: scholarship, leadership and a sustained commitment to community and public service.

The Mitchell Scholars Program provides tuition, accommodation and a stipend for living expenses and travel. To be eligible for consideration in the Mitchell Scholarship Program, a candidate must:

- be a citizen of the United States of America
- be at least 18 years of age, but not yet 30 years
- hold a bachelor's degree from an accredited college or university (not necessarily in the US) before beginning study as a Mitchell Scholar

US Federal Aid Funding (US citizens only) www.nuigalway.ie/international-students/feesfinance/federalaid/

NUI Galway is approved by the US Government to certify financial aid under the William D Forde Direct Loan Program. There are several federal programs available for US citizens (or eligible non-citizens) who are enrolled at NUI Galway at least half-time in a Degree, Master's or PhD programme as follows: Federal Direct Loans (Subsidised & Unsubsidised); Federal Direct PLUS loans. For details on eligible programmes and grants, please see the website.



Other External Funding Sources for International Students

www.nuigalway.ie/international-students/feesfinance/internationalscholarships

Irish Aid Fellowship Training Programme

This is one of the instruments used by Irish Aid to support capacity development in Ireland's programme countries in Africa and Asia. The FTP involves the award of fellowships to suitably qualified candidates from the target countries to undertake studies usually at postgraduate level in fields such as development studies, rural development, health care and education, and other disciplines which are likely to support and enhance the capacity of recipients to contribute to the development effort in their own countries. Irish Aid's partner countries are Ethiopia, Uganda, Tanzania, Zambia, Mozambique, Lesotho, Palestine, Timor Leste, Vietnam and Malawi. For further information on applications and approved courses please go to www.icosirl.ie

China Scholarship Council

<http://en.csc.edu.cn>

The China Scholarship Council (CSC) is a non-profit institution with legal person status affiliated with the Ministry of Education. The objective is to provide financial assistance to Chinese citizens wishing to study abroad and to foreign citizens wishing to study in China in order to develop educational, scientific, technological and cultural exchanges, and economic and trade cooperation, between China and other countries, and to strengthen the friendship and understanding between Chinese people and the peoples of all other countries.



More funding bodies:

- The Paras Education foundation (TPEF)
- European Union
- The Health Research Board
- International Scholarship Resources
- Open Society Foundations
- Research Careers Ireland

Funding for Indian Students

www.nuigalway.ie/international-students/feesfinance/internationalscholarships

NUI Galway offers students from India a diverse range of scholarships, including the Max Arthur Macauliffe Special Merit Scholarship and the Sir Peter Freyer Special Merit Scholarship. Please visit the website listed above for further information.

Funding for Australian Students

The General Sir John Monash Awards:

www.monashawards.org/award-application

A minimum of 10 postgraduate scholarships are available, per year, at a non-Australian university. Only Australian citizens graduating from Australian universities are eligible to apply. The John Monash Scholarships are one of Australia's most prestigious awards, recognizing potential leaders in all fields. In awarding John Monash Scholarships, factors considered include outstanding intellect, leadership, citizenship, a well-defined research project at a non-Australian University, the significance of the applicant's potential contribution to their field and to the community, and referee reports outlining the applicant's abilities.

Education in Ireland

www.educationinireland.com/en

This government agency is responsible for promoting Irish education overseas. The website lists various funding opportunities for international students studying in Ireland.

Science Without Borders

Scholarships for Brazilian Students

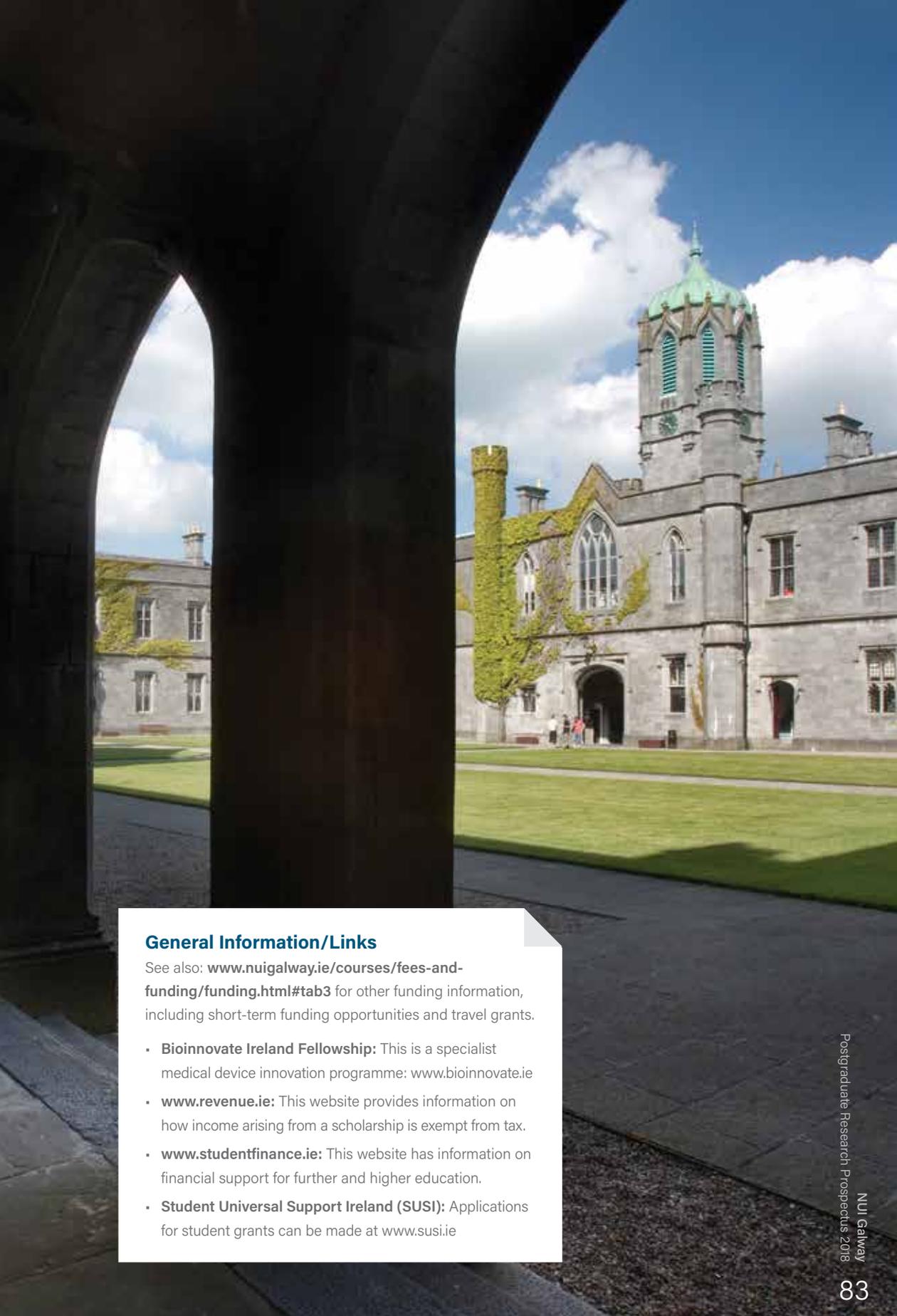
www.nuigalway.ie/international-students/yourcountry/brazil

Irish Aid Scholarships

(for developing countries)

www.irishaidfellowships.ie

See also www.nuigalway.ie/international-students/feesfinance/internationalscholarships



General Information/Links

See also: www.nuigalway.ie/courses/fees-and-funding/funding.html#tab3 for other funding information, including short-term funding opportunities and travel grants.

- **Bioinnovate Ireland Fellowship:** This is a specialist medical device innovation programme: www.bioinnovate.ie
- **www.revenue.ie:** This website provides information on how income arising from a scholarship is exempt from tax.
- **www.studentfinance.ie:** This website has information on financial support for further and higher education.
- **Student Universal Support Ireland (SUSI):** Applications for student grants can be made at www.susi.ie



3 Apply Online

Online Application (via PAC)

Applications to most postgraduate programmes at NUI Galway are made online via the **Postgraduate Applications Centre (PAC)**. PAC opens on 1 November 2017 to accept applications for entry to the 2018-19 academic year. PAC manages the application function for NUI Galway, and NUI Galway retains the decision making function regarding admission to its programmes. Prospective students can access the system through PAC on www.pac.ie/nuigalway (the online form is easy to use and you will be guided through the system step-by-step). You will require an active email account to use the system. Applicants select the PAC code(s) for the programme(s) that they are interested in. These are indicated alongside the programme listings online (www.nuigalway.ie/courses/research-postgraduate-programmes).

Applicants may (but are not obliged to) apply for three research programmes (you can mix traditional research programmes with Structured PhDs) when making an application to NUI Galway via PAC. Your applications do not need to be ranked in order of preference as applications are assessed on a simultaneous basis. The cost of applying is **€50**, and this is a non-refundable application processing fee payable to PAC.

Supporting Documents

When making an online application to PAC, some programmes require additional documentation to supplement your application, e.g. an essay, samples of work, a CV.

To see what supporting documents, if any, are required for your programme, please visit www.nuigalway.ie/postgrad/pac_supp_docs.html

All supporting documentation relevant to the application (specifying the PAC application number you will be assigned) may be posted to PAC at the following address:

Postgraduate Applications Centre,
1 Courthouse Square, Galway, Ireland

Alternatively, you may upload supporting documents to your online application via your PAC account. Please note that if uploading transcripts, only **certified** copies will be accepted.



We encourage
you to apply as
early as possible

Other Application Routes

Some of our programmes are applied to using different means than PAC. These alternative routes will be clearly listed on the relevant programme page in this prospectus and in the online course listing (www.nuigalway.ie/courses/research-postgraduateprogrammes).

Closing Dates for Applications (and Late Applications)

As a research applicant, you are advised, in the first instance prior to making an online application, to consult with the academic discipline, School or Research Centre at NUI Galway in which you intend to do your research. At this stage, you should have prepared an outline proposal for submission for the department to consider and support. Generally there is no closing date for research applications. However, applications for the PhD degree in the traditional format (i.e. non-Structured PhD) in the College of Arts, Social Sciences, and Celtic Studies are considered for students commencing their programmes in September and January only. Only applications received before mid-July and mid-November respectively in the year will meet these commencement requirements.

NOTE: Structured PhD applicants in the College of Arts, Social Sciences, and Celtic Studies must apply by mid-July to commence in September. In a small number of cases, a closing date has been set up for research programme(s) – you are advised, therefore, to check the specific research course online that you want to apply to in case a closing date has been added:

www.nuigalway.ie/courses

Please also allow at least four weeks from the date we receive your research application to when you can expect to receive notification of whether you have been offered a place.

Recommendations

You should give yourself plenty of time in which to apply, particularly if you are applying from outside of the European Union (EU), in which case you need to apply for a student visa. You should also allow sufficient time to make any financial, travel and accommodation arrangements if you are offered a place. We recommend that you apply early in the year (January/February) for programmes that start in the autumn (September/October).

www.nuigalway.ie/courses/how-to-apply

International Postgraduates

Over 3,000 international students from 115 countries are enrolled at NUI Galway.

Admissions Information

NUI Galway has many years' experience in assessing international applicants. Admission to a research-based Master's or PhD programme is at the discretion of the academic supervisor and the relevant College of the University. An honours level Bachelor degree with good grades is normally the minimum requirement to be considered for admission. Please see page 84 for information on how to apply. Applicants whose first language is not English, or who have not been educated through the medium of English during their two most recent years of study, must present one of the following qualifications in the English language.

All Colleges	IELTS*	TOEFL	Pearson PTE
All programmes*	6.5	88	61

*All programmes (except Medicine): No less than IELTS 5.5 in any component.
Medicine: No less than IELTS 6.5 in any component.

Language tests must be undertaken no more than two years prior to commencement of your programme at the University.

NUI Galway provides pre-sessional English-language courses for students who do not meet the English language requirements. Contact the International Affairs Office, NUI Galway, for further information.

Funding

Many of the research centres offer scholarships to high-achieving researchers. International research students should refer to the websites of the various research centres and/or colleges of the University to explore funding opportunities. International students can also apply for funding from external funding bodies, such as the Irish Research Council for Science, Engineering and Technology (IRCSET), Science Foundation Ireland (SFI), the Royal Irish Academy (RIA) and the Environmental Protection Agency (EPA).

Support Services for International Students

The International Affairs Office organises a comprehensive orientation programme for all new international students at the beginning of term. Orientation includes campus tours and library tours, as well as introductions to the wide range of other support services available to all students, such as campus services and facilities, accommodation, health, disability support, student counselling, chaplaincy and student sports clubs and societies. Orientation is also attended by representatives of the Garda National Immigration Bureau (GNIB), which advises non-EU students on registering with the local immigration office.

Immigration Regulations

Non-EU/EEA students who require a student visa should apply to the Irish Naturalisation and Immigration Service as soon as they receive their Letter of Acceptance from NUI Galway.

All non-EU/EEA nationals are subject to immigration control at the point of entry to the Irish state. You should therefore ensure that you have your NUI Galway offer letter available to show to immigration officials to prove that you are entering the state with the intention of pursuing a course of study in Ireland. Your passport will then be stamped, noting your reason for entering the state, i.e. to study.

Non-EU/EEA citizens are also required to register with the Garda National Immigration Bureau (GNIB) within 30 days of arriving in Ireland. Further information is provided to students by the International Affairs Office upon arrival at NUI Galway.

For more information, please visit the *Before You Arrive* section of the university website: www.nuigalway.ie/internationalstudents/prearrival.html

Some of our international students, who came together to back the Galway 2020 bid. Dressed in traditional costume, they showed their support, depicting #IBackGalway in their native languages, including Arabic, Chinese, Farsi, Hindi, Malay, Portuguese, Spanish, Thai and Vietnamese.

GALWAY



Postgraduate Fees

Postgraduate Tuition Fees

Fees can be subject to change from year to year. Please check www.nuigalway.ie/fees for exact individual course fees. Fees quoted are all per annum fees.

Tuition fees for international (non-EU*) students are also listed on www.nuigalway.ie/fees

*An EU student is defined as an EU national (i.e. holding an EU passport/or birth certificate) who has been ordinarily resident in an EU member state for at least three of the five years immediately preceding their entry to the third level course. For more information on EU vs. non-EU status, please see: www.nuigalway.ie/fees

Tax Relief

Full- and part-time students may be entitled to tax relief on tuition fees. Applications for tax relief on course fees paid must be made using an application form available from the Revenue Commissioners (see www.revenue.ie). The maximum amount of tax relief on tuition fees is €7,000 per annum.

Methods of Payment

EU fees may be paid securely online when registering using a debit or credit card. Alternatively, you can request a bank giro to pay your fees online: log into your student portal at www.nuigalway.ie/fees, and click on the Pay Your Fees link. EU fees may be paid in two equal instalments – 50% on registration and 50% by 31 January of the following year. If you are being funded by a SUSI grant or private source, please provide written evidence of this funding to the Fees Office by 31 October annually.



Useful Links

Other Useful Contacts

Main NUI Galway Switchboard

T: +353 91 524 411 F: +353 91 525 700
www.nuigalway.ie | www.oegaillimh.ie

Accommodation and Welfare Office

Áras Uí Chathail, NUI Galway
T: +353 91 492 364 E: teresa.kelly@nuigalway.ie

Adult Education Office

T: +353 91 492 144 E: adconted@nuigalway.ie

Alumni Office

T: +353 91 493 750 E: alumni@nuigalway.ie

Career Development Centre

T: +353 493 589
www.nuig.gradireland.com/home.html
www.nuigalway.ie/careers/

Disability Support Service

T: + 353 91 493 541 E: disability@nuigalway.ie

Fees Office, Áras Uí Chathail

T: +353 91 492 386 F: +353 91 495 553
E: fees@nuigalway.ie

Graduate Studies Office

T: +353 91 495 822
E: sandra.donohue@nuigalway.ie
www.nuigalway.ie/graduatestudies

International Affairs Office

T: +353 91 495 277
E: international@nuigalway.ie

Information Solutions and Services

T: +353 91 493 777 E: servicedesk@nuigalway.ie
www.nuigalway.ie/information-solutions-and-services

Mature Students Office

Áras Uí Chathail T: +353 91 492 695
E: maturestudents@nuigalway.ie

Postgraduate Applications Centre (PAC)

1 Courthouse Square, Galway, Ireland
T: +353 91 549 260 F: +353 91 563 056
www.pac.ie/nuigalway | Open: 9.30am–5.00pm

Student Information Desk (SID)

T: +353 495 999 E: sid@nuigalway.ie
www.nuigalway.ie/sid

Student Services incl.: childcare, chaplains, counsellors, societies, clubs, Student Health Unit

T: +353 91 492 364

Postgraduate Admissions Office

General queries

T: +353 91 492 844
E: postgradadmissions@nuigalway.ie
www.nuigalway.ie/postgrad

Research programmes

T: +353 91 495 332
E: pgresearch@nuigalway.ie

Useful Links

Accommodation Office, NUI Galway

www.nuigalway.ie/accommodation

Centre for Excellence in Learning and Teaching

www.nuigalway.ie/celt

Education in Ireland (information about the Irish education system)

www.educationinireland.ie

Fees Office, NUI Galway

www.nuigalway.ie/fees

International Affairs Office, NUI Galway

www.nuigalway.ie/international

Irish Naturalisation & Immigration Service (Study visa advice)

www.inis.gov.ie

Postgraduate Applications Centre

www.pac.ie

Registration Office

www.nuigalway.ie/registration

Research Accounting

www.nuigalway.ie/research_accounting

Research Office

www.nuigalway.ie/research_accounting

Technology Transfer Office

www.nuigalway.ie/tto



http://www.

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Meet us

Postgraduate Open Days 7 November 2017 and 6 February 2018

A full programme of postgraduate information sessions, career advice, CV clinics, funding and scholarship information sessions. See more at www.nuigalway.ie/postgraduate-open-day

Open Days are a great opportunity to visit the University, speak with academic staff and postgraduate students, get information and advice on our wide range of courses, and even take a campus tour. You can find out about admissions processes, student support resources and funding, or attend a careers seminar or funding presentation.

We also exhibit at postgraduate events in Ireland, Northern Ireland and England. To see where you can meet us in 2017-18, visit:

www.nuigalway.ie/postgradevents

You can visit the campus in person and book a tour in advance by emailing visit@nuigalway.ie. If you have a particular interest in meeting a programme director please indicate so on your email and we will do our best to accommodate you.

**Postgraduate
Open Days**

Tuesday

7 November 2017

Wednesday

6 February 2018

Find Your

Master's Week

6–9 November 2017



NUI Galway graduate Treasa McGrath on High Street, in the city centre. The University, city and county came together to back the Galway 2020 bid, and the campus and Galway streets are decorated with flags and bunting, as here.



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University Road, Galway, Ireland
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E postgrad@nuigalway.ie



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