



OLLSCOIL NA GAILLIMHÉ  
UNIVERSITY OF GALWAY

## Established Professor of Health Technology Innovation

Permanent, 0.5FTE

Ref #: 011003



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## **Established Professor of Health Technology Innovation**

College	College of Medicine, Nursing and Health Sciences
School	School of Medicine
Post Title & Subject Area	Established Professor of Health Technology Innovation
Post Duration	Part time, (0.5FTE) Permanent
Level	Established Professor
Reports to	Head of School

## JOB ADVERTISEMENT

The College of Medicine, Nursing and Health Sciences (CMNHS) seeks to appoint an Established Professor in Health Technology Innovation (0.5 FTE, permanent), based in the discipline of Anatomy, who will lead the University's Accelerating Research to Commercialisation for the duration of the SFI ARC Hub for HealthTech award. We seek to appoint a progressive and highly committed individual who combines strong academic credentials with a record of accomplishment in the leadership and management of health technology innovation and the development and sustained leadership of technology-focused research initiatives. This leadership role requires an individual to have senior management and leadership experience, experience in leading medical technology development and innovation within a higher education institution, and prior experience building a high-performing team and successful innovation ecosystem. The capacity to build and maintain strong relationships within the University and other research performing organisations and with clinical partners and industry stakeholders will be vital to the success of the Hub.

For informal enquiries, please contact Prof Martin O'Donnell, Executive Dean of College of Medicine, Nursing and Health Sciences, Email [martin.odonnell@universityofgalway.ie](mailto:martin.odonnell@universityofgalway.ie)

Additional information on the College of Medicine, Nursing and Health Sciences is available at:

<https://www.universityofgalway.ie/medicine-nursing-and-health-sciences/>

Information on the University's Strategic Plan is available at: [Strategy - University of Galway](#)

**Salary: €142,869 to €180,621 pro rata p.a (applicable to new entrants effective from January, 2011)**

This appointment will be made on the Established Professor scale in line with current Government pay policy and in accordance with the terms and conditions of the University's Remuneration policy. [QA321-Updated-PP-Remuneration.pdf \(universityofgalway.ie\)](#)

**Closing date for receipt of applications is 17:00 (Irish Time) on 30<sup>th</sup> April 2025. It will not be possible to consider applications received after the closing date.**

**Garda vetting may apply.**

**Appointments will be conditional on work authorisation validation.**

**Further details are available at [www.dbei.ie](http://www.dbei.ie)**

**For more information and Application Form please see website:**

[Jobs - University of Galway](#) Applications should be submitted online.

**Please see further information on how to apply here: [E-Recruit - University of Galway](#) and [Guidelines for On-line Applications \(universityofgalway.ie\)](#)**

Please note that appointment to posts advertised will be dependent upon University approval, together with the terms of the Employment Control Framework for the higher education sector.

At the University of Galway, we celebrate diversity and believe that every candidate can bring unique perspectives, talents and approaches to our University community. We actively encourage applications from all backgrounds regardless of race, religion, ethnicity, gender, family status, civil status, membership of the Traveller community, sexual orientation, disability or age.

We value flexibility and recognise that a work-life balance is essential. We offer flexible working arrangements, including hybrid options, to accommodate the diverse needs of our staff. Our commitment to inclusivity extends beyond recruitment as we foster a friendly and supportive work

environment, where all work styles are valued and respected. Join us in shaping a workplace that thrives on diversity, creativity and collaboration.

University of Galway is an equal opportunities employer.

## **BACKGROUND**

University of Galway has emerged as a world leader in biomedical research in both Medical Technologies and Advanced Therapy Medicinal Products (ATMP). Over the past decade, University of Galway has succeeded in securing national and international leadership in medical technology innovation, bringing together expertise in biomedical engineering, regenerative medicine, and healthcare technology development. The University has developed significant infrastructure and partnerships to support this growing ecosystem, including advanced manufacturing facilities, clinical research facilities, and strong industry connections. Recent developments include a €5M Medtronic philanthropic investment to accelerate product prototyping and clinical trial development.

A key focus for this role will be leading the recently funded SFI ARC Hub for HealthTech. This initiative, focused on chronic disease management, encompasses five thematic areas: Novel Sensors, Smart Implants, Advanced Wearables, Algorithm & AI/ML models, and Decision Support & Intervention Planning. The Hub brings together researchers, industry and other stakeholders nationally to accelerate the translation of cutting-edge research from research performing organisations. For the duration of this award (approximately 5 years), the successful candidate will be expected to dedicate significant time and expertise to driving this important initiative forward. After this period, standard teaching and research duties will apply as allocated by the Head of School.

# **JOB DESCRIPTION**

## **Primary Responsibilities**

### **Leadership, Resource Management and Operations**

- Lead the delivery of the ARC Hub for the duration of the award through appropriate and responsible income generation, resource allocation and budgetary planning consistent with the mission, strategy and needs of the University and funder.
- To lead the coapplicant team in the delivery of the Hub.
- Plan, manage, and monitor the allocation of resources across the Hub, in accordance with approved Funder and University policies and procedures.
- Convene the appropriate board and committees as required by the award.
- Implement approved University and Institute policies – including financial, HR, risk etc.
- Contribute to regional development and the development of the health technologies ecosystem in the Northern and Western region.

### **Research and Scholarship (apply once the ARC Hub Award has completed)**

- Lead innovative research in health technology innovation with clear commercialization pathways, focusing on high-impact areas.
- Secure competitive external funding through grants and industry partnerships to support the translation of research from laboratory to market and contribute to the University's innovation ecosystem.
- Develop strategic collaborations with industry partners, healthcare providers, and regulatory experts to accelerate the commercialisation of promising technologies and expand the University's national and international network in health technology innovation.
- Drive intellectual property development and technology transfer activities, including patents, licensing agreements, and spin-out company formation to maximize the economic and societal impact of University research.

### **Teaching and Curriculum Development (apply once the ARC Hub Award has completed)**

- Lead the development and delivery of specialised training programs for students, researchers, clinicians, and industry partners focused on translating health technology innovations into commercially viable products and services.
- Create practical learning pathways that bridge academic research with industry needs.
- Mentor early-career researchers and entrepreneurial students in technology commercialization, guiding them through the process of transforming research outcomes into market-ready innovations.
- Foster cross-disciplinary collaboration between engineering, medicine, business, and other relevant fields to create a holistic approach to health technology development that addresses market needs and commercialization challenges.

# ELIGIBILITY REQUIREMENTS

## Person Specification

Applications will be judged solely against the criteria set out below. Applicants should ensure that their application demonstrates that their skills and experience meet these criteria.

**The successful candidate will demonstrate the Eligibility requirements below:**

### Academic Qualifications and Experience

- PhD in biomedical engineering science, regenerative medicine, or related field
- Strong publication record in leading peer-reviewed journals
- Proven track record of securing major research funding awards
- Experience in intellectual property development and commercialisation

### Technical Knowledge

- Expertise in medical and health technology device development
- Understanding of healthcare systems and clinical research workflows
- Experience in customer discovery
- Knowledge of regulatory affairs (MDR/FDA/CE approval processes)
- Familiarity with emerging technologies (e.g. AI, software as a medical device, robotics in healthcare)

### Industry Related Experience

- Track record of innovation (patents, commercialised technologies, company formation)
- Experience collaborating with healthcare staff and partnering with MedTech industry
- Strong understanding of technology transfer and commercialisation
- Knowledge of medical technology market dynamics
- Experience in equity and non-equity funding generation

### Leadership and Collaboration Skills

- Ability to lead multidisciplinary research teams
- Experience mentoring researchers across career stages
- Strong network across academia, industry, and healthcare
- Skill in building partnerships with key stakeholders

### Personal Attributes

- Innovative thinking and problem-solving abilities
- Excellent communication skills with diverse audiences
- Patient-centred approach to technology development

**Desirable Requirements:**

- Evidence of an international research network and record of leading international initiatives, including leading academic organisations, editing journals and/or organizing national/international conferences.
- Demonstrable experience of successful leadership and mentoring of postgraduate researchers and/or postdoctoral students.
- A record of service and leadership in national/international professional disciplinary associations and/or sector educational initiatives.

The appointment will be made to the School of Medicine, but will be associated with the discipline of Discipline of Anatomy.



# Competency Framework for Professorship Role at University of Galway

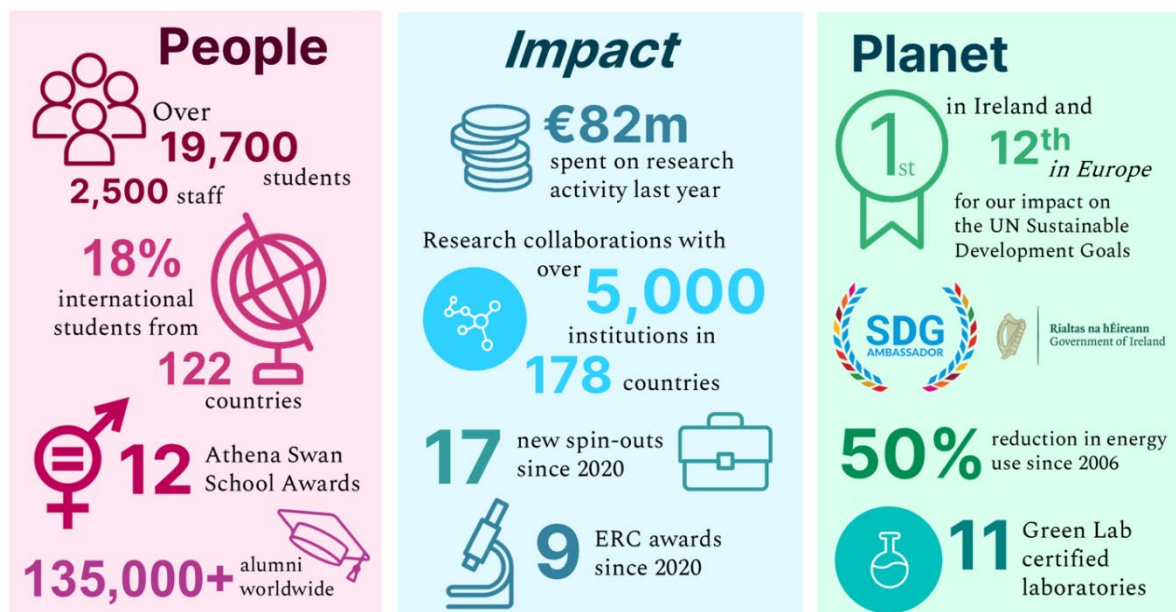
Academic Excellence	Leadership Excellence	Organisational Excellence
<b>Excellence in Research</b>  <i>The Professor is a leader in his / her field and contributes to the direction and development of his / her discipline and body of knowledge through planning and leading research of outstanding quality. S/he leads others to make the most effective contribution to their discipline and encourages cross discipline research collaboration.</i>	<b>Personal Effectiveness</b>  <i>The Professor is passionate and enthusiastic about the discipline/school and is committed to making his / her best personal contribution through employing excellent planning and organising, communication and decision making skills in order to achieve ambitious goals for their discipline/school and to meet the changing demands of the Professorship role.</i>	<b>Thinking Strategically</b>  <i>The Professor is responsible for developing and implementing a strategic approach to the development of the discipline/school. S/he is aware of the wider environment, has the ability to think strategically and to devise and implement changes in line with their strategy.</i>
<b>Excellence in Teaching</b>  <i>The Professor oversees the development of, and participates in, delivering teaching programmes which engage and inspire students at all levels and ensures a strong focus on quality teaching and on the continuous review and development of teaching skills and methodologies in the discipline.</i>	<b>Leading and Managing Others</b>  <i>The Professor is responsible for the delivery of the work programme by getting the best out of others. S/he ensures that good administrative procedures are in place, that work is organised fairly, that there is a highly engaged work environment, and that time is given generously to developing staff.</i>	<b>Collegiate and Community Contribution</b>  <i>The Professor values and works to instil a collegiate approach not only within his / her discipline / school and the University, but across the wider external community. S/he actively seeks to build effectively functioning teams and networks. S/he is approachable, collaborative, and values the contribution of others.</i>

Ollscoil na Gaillimhe

University of Galway

## PROFILE OF THE UNIVERSITY

### The University at a Glance:



### The University Management Team

The University Management Team (UMT) is responsible for the executive day-to-day management of the University. UMT is led by the President who is the Head and Chief Officer of the University. Our current Interim University President, Professor Peter McHugh, was appointed in 2024. You can read more about him at: [www.universityofgalway.ie/president](http://www.universityofgalway.ie/president)

Acting under the President, the members of the University Management Team (UMT) each have specific leadership responsibilities for delivery of the University's objectives in education, research and management of the organisation. You can see the full UMT membership in the organisational chart above.

Find out more about the University's Governance and Management structures at: [www.universityofgalway.ie/governance/the-kube-the-governance-hub](http://www.universityofgalway.ie/governance/the-kube-the-governance-hub)

### Colleges and Schools

The University has four Colleges:

- College of Arts, Social Sciences & Celtic Studies
- College of Business, Public Policy & Law
- College of Medicine, Nursing & Health Sciences
- College of Science & Engineering

Each of the Colleges is led by an Executive Dean. Within each College, decisions are taken by College Boards, chaired by the Executive Dean, and including the Heads of each School in the College.

For more information on Colleges, Schools and Disciplines, visit:

[www.universityofgalway.ie/colleges-and-schools](http://www.universityofgalway.ie/colleges-and-schools)

### **College**

College of Arts, Social Sciences & Celtic Studies

College of Business, Public Policy & Law

College of Medicine, Nursing & Health Sciences

College of Science & Engineering

### **Schools**

School of Political Science & Sociology  
School of Psychology  
School of Education  
School of Geography, Archaeology & Irish Studies  
School of English & Creative Arts  
School of History & Philosophy  
School of Languages, Literatures, & Cultures

J.E. Cairnes School of Business & Economics  
School of Law  
Shannon College of Hotel Management

School of Health Sciences  
School of Medicine  
School of Nursing & Midwifery

School of Biological & Chemical Sciences  
School of Computer Science  
School of Engineering  
School of Mathematical & Statistical Sciences  
School of Natural Sciences



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# Shared *vision*, shaped by *values*

Strategic Plan 2020–2025



## Strategic Plan 2020–2025

In January 2020, following widespread consultation, the University published *Shared Vision, Shaped by Values*, the University's strategic plan for the period 2020-2025. It is structured around four core values debated and defined by the University community: Respect, Openness, Sustainability and Excellence. Over 50 Flagship Actions for implementing the strategy are articulated under each value. A further section entitled 'Building for the Future' articulated the University's plans for campus development in the years ahead.

- **Strategic Plan:** You can read the strategic plan at:  
[www.universityofgalway.ie/strategy2025](http://www.universityofgalway.ie/strategy2025)
- **Halfway Progress Report:** In December 2022, the University published a halfway report on our progress towards strategy implementation. You can read the report (internal access only) at:  
<https://nuigalwayie.sharepoint.com/sites/UniversityStrategy-HalfwayReport>. Or request a copy from the Director of Human Resources.

We are currently at the final stages of developing our next Strategic Plan 2025-2030, building on our core values, and with a renewed focus on our **core mission of teaching, learning, research and innovation that are both excellent and impactful**. The incoming Dean will play an important role in achieving our strategic priorities for research and innovation, delivering landmark initiatives, and developing our research functions, systems and infrastructure to enable success in the years ahead.

## Academic Programmes

The University provides teaching through four Colleges and 18 Schools up to PhD level, for primary and postgraduate Degrees and for a wide variety of Diplomas, Certificates and, more recently, Micro-credentials. 68 separate programmes of study are offered for undergraduate students, with over 190 taught programmes at postgraduate level and over 90 structured

postgraduate research programmes. The University also provides a programme of Adult Learning and Professional Development and conducts a number of Summer Schools.

The University has displayed considerable dynamism in the development of programmes to meet the evolving needs of society. Supported by funding from the Human Capital Initiative, our *Designing Futures* programme is transforming how our students learn and develop skills, through success coaching, transdisciplinary modules and our IdeasLab and Empathy Lab programmes. The University is also playing a key role in the delivery of the HCI Multicampus *Micro-credentials* project, which aims to develop a series of micro-credentials across the IUA Universities, and which will provide upskilling and reskilling opportunities to those in employment and those seeking to enhance their employability. Meanwhile, through our membership of the *ENLIGHT network* of European universities, we are developing greater opportunities for student mobility and cross-border collaboration on academic programmes and research.

### **Student Body**

The total student body, including part-time learners, comprises over 20,000 students, over 25% of whom are studying at postgraduate level.

Over 18% of our students were from outside the island of Ireland, coming to study in Galway from over 122 different countries worldwide. Through the Global Galway project, we are seeking to grow our international diversity further through a greater focus on international recruitment, mobility and partnerships.

### **Research**

University of Galway is a globally focused research-intensive university. We recognise that research areas are neither standalone nor static. The problems of the world are not solved from just one perspective. With our knowledge of global challenges, national policy and regional needs our research areas enable an interdisciplinarity approach and impact.

Our research community achieved over €110m in EU research funding during the 2014-2020 programme period. We are now firmly focused on the 2021-2027 programme cycle, with ambitions to achieve in excess of €150m of EU research funding, including Horizon Europe. In 2023, the University had a record €82m annual spend in research, across a breadth of research areas. Engaging with our partners locally, nationally and worldwide, our current university strategy (Strategic Plan 2020-2025) invites ambition in research that underpins the following areas:

- Enhancing policy and society
- Enriching creativity and culture
- Improving health and wellbeing
- Realising potential through data and enabling technologies
- Sustaining our planet and people

These areas are aligned to the work of our Research Institutes, including:

- Data Science Institute
- Ryan Institute for advancing sustainability and innovation
- Institute for Lifecourse and Society
- Institute for Creativity
- Institute for Clinical Trials

- Institute for Health Discovery and Innovation (launched in October 2024).

For more information on our research institutes, centres and units, visit:

[www.universityofgalway.ie/our-research/listings/research-centres-institutes-and-units.html](http://www.universityofgalway.ie/our-research/listings/research-centres-institutes-and-units.html)

## **Staff**

The University employs approximately 2,500 staff, including full-time and part-time, which includes approximately 1,000 academic staff.

Human Resource issues are managed within the Human Resources Office, under the direction of the Director of Human Resources. In 2023, a new Hybrid Working Policy was launched to facilitate more flexible working arrangements in a post-Covid environment.

## **Finances**

The University is its own financial authority and has an annual income of over €350m, including contract research income of over €70m. The sources of income are Student Fees (approx. 40%), State Grants and Pension funding (approx. 30%), Research Income (20%) and Miscellaneous (10%).

## **The University and the Irish language**

The University's commitment to the Irish language was first set out in the University College Galway Act 1929 and this was reiterated in the University College Galway (Amendment) Act 2006, which states that one of the principle aims of the university is "the provision of education ... through the medium of the Irish language".

The University's Strategy 2020-2025 goes even further and commits to developing and implementing an ambitious and future-focused strategy for the Irish language, in partnership with national stakeholders and Gaeltacht communities, based on our values of respect and sustainability. In 2021, the University published its first Irish Language Strategy and appointed its first Irish Language Officer.

Irish language programmes are delivered primarily through the Discipline of Irish and through Acadamh na hOllscolaíochta Gaeilge, our Irish language academy, which has three centres located in the Gaeltacht.



## Our Region

Our regional footprint includes five Medical Academies, three Gaeltacht centres, off-campus research sites in Connemara and the Burren, and a satellite campus in Shannon College, Co. Clare.

## Our Campus

The main University Campus, with an area of some 105 hectares in the heart of the city of

Galway, is attractively situated on the west bank of the River Corrib, and stretches from Nuns' Island in the south to the Sports Grounds in Dangan to the north. Other teaching and research facilities are located outside the city in An Cheathrú Rua, Carna and Mace Head in Connemara, in Shannon, Carron and Finnevara in Co. Clare, and in Gaoth Dobhair in Co. Donegal. The University's medical students and researchers benefit from on-the-ground Medical Academies located in hospitals throughout the region from Portiuncula University Hospital in Co. Galway to Letterkenny University Hospital in Co. Donegal.

**Building for the Future:** The University is in the process of finalising its masterplan for the years ahead, which will include the Nuns' Island creative and innovation district in Galway city centre. Recent years have seen some significant additions to campus, including:

- Clinical Simulation Facility: completed in 2022
- Dunlin Village on-campus student accommodation (674 beds): completed in 2022

The following construction projects have been commenced or approved in recent years:

- Learning Commons (new Library): construction commenced in 2024
- Water Sports Centre: planning permission approved in 2023

- New Law School: design for planning in progress
- New Pharmacy School: funded to planning stage
- New Medical School: funded to planning stage

## **Sustainability**

Sustainability is one of the University's core values and we are recognised as a leader in the transition to a sustainable future. We are committed to the SDGs at an institutional level on multiple levels:

- As a signatory to the SDG Accord, we have committed 'to align all major efforts with the SDG targets and indicators, including through our education, research, leadership, operational and engagement activities' and to 'share our learning'.
- Our Climate Action and Sustainability Policy formalises our commitment 'to lead the transition to a sustainable future by embedding the SDGs into all our major efforts'.
- Our Sustainability Strategy 2021-2025, which is mapped to the SDGs, sets out our vision across the campus and beyond.

In the past three years we have been ranked First in Ireland and Top 50 worldwide in the Times Higher Education Impact Rankings for our progress on the SDGs. In 2023, we established a new Sustainability Office to lead the implementation of our Sustainability Strategy and to embed sustainability across our curriculum and operations.

Through the work of the University's Sustainability Office, the Community and University Sustainability Partnership, colleagues in Buildings and Estates and other university operations, and our Student Societies, we have advanced understanding and action on the urgent need for sustainability, using a Learn – Live – Lead model. Since 2006, we have achieved over 50% reduction in energy usage, exceeding our targets. In 2021, we established our carbon footprint, and we are actively working towards achieving carbon neutrality by 2050.