



# Research Week Agenda

## *Sustainable Research in a Sustainable World*

Now in its third year, TUS Research Week continues to highlight the university's growing research landscape and its influence at regional, national, and global levels. This year's events will showcase the diversity of TUS research, featuring key initiatives such as the enterprise-driven TUS RISE Programme, advancements in social innovation, and the expansion of creative research capacity. These efforts underscore TUS's dedication to delivering impactful, forward-thinking solutions across multiple sectors.



Monday 17 - Friday 21 February, 2025



TUS Limerick Campuses.

# Research Week Monday 17 February



## Daily RSVP: TUS Moylish Campus

Time	Event Title	Speaker	Location	Duration	Abstract
Week Long	Staff & Postgraduate Research Impact Displays		The Street, Moylish		
	TUS Research Image Competition 2025	TUS Library			<a href="#">Details - TUS Research Image Competition</a>
09:00	Registration - Tea & Coffee, Breaks sponsored by TUS Global.		4AO1, Moylish Campus		TUS Global Contact: Karl Turley, Deputy Director, TUS Global - <a href="mailto:Karl.Turley@tus.ie">Karl.Turley@tus.ie</a>
09:30	Opening Address	Prof Vincent Cunnane, President of TUS	4AO1, Moylish Campus	15 mins	
09:45	Research, Development and Innovation at TUS	Lorna Walsh, Director of Research Support Services, TUS	4AO1, Moylish Campus	15 mins	
10:00	Panel: Conducting Applied Research in a Dynamic National and International Landscape	Chair: Prof Willie Donnelly, President Emeritus - SETU Waterford  Billy Kelleher, Member of the European Parliament  Cynthia Ní Mhurchú, Member of the European Parliament  Dr Ciarán Seoighe, Deputy CEO, Research Ireland  Marina Donohue, Head of Research and Innovation, Enterprise Ireland  Tim Conlon, Head of Policy and Strategic Planning, Higher Education Authority  Dr Liam Brown, Vice President of Research, Development & Innovation, TUS	4AO1, Moylish Campus	45 mins	
10:45	Funding for Research in TUS	Dr Jeovan Araujo, Post-doctoral Research Support Officer	4AO1, Moylish Campus	10 mins	Securing research funding is a critical step in advancing academic and scientific investigation. This talk will introduce the support available to researchers at TUS through the Research Support Office (RSO). The RSO provides expert guidance on identifying funding opportunities, developing competitive proposals, and navigating European and national funding schemes. We also offer tailored support for industry collaborations, contracts, and consortium agreements. Whether you are an early-career researcher or an experienced academic, this session will highlight how the RSO can help you maximize your funding success and drive impactful research.
10:55	PURE: Research Information Management & TUS Research Profile(s)	Tania Marsh, Research Integration Project Manager, TUS	4AO1, Moylish Campus	10 mins	This talk will give an overview of the PURE (Research Information Management System) project. Highlighting work completed to date, future plans and the resulting impact of PURE on TUS research profile and internal research information management.
11:05	Opening Access: Green, Gold and Diamond - understanding the routes to Open Access and why publishing OA is important	Maeve Hynes, Scholarly Communications Librarian, TUS	4AO1, Moylish Campus	10 mins	Promoting Open Science: Supporting collaboration, enhancing research evaluation, fostering open research practices and greater accessibility.
11:15	Accessing Funding for Gold OA Journals	Maeve Hynes, Scholarly Communications Librarian, TUS	4AO1, Moylish Campus	10 mins	This session will highlight the publishing deals TUS Library has with a wide range of high quality academic publishers. These deals provide TUS researchers with 'Open Access Publishing Vouchers' (known as APCs - Article Publishing Charges) which allows for immediate open access publishing at no cost to the researchers. This is available to TUS through our access to the national purchasing consortium IReL. The talk will include publishers available for 2025, the key points to know when planning your publishing strategy and how library can further support.
11:25	The Discursive Reconstruction of Emotions in Higher Education (HE): A Biographic Narrative Interpretive Method (BNIM) Study of Emotional Labour of Female Senior Leaders in Ireland's Technological Universities (TUs).	Dr Lisa Moran, Dean of Graduate Studies, TUS	4AO1, Moylish Campus	15 mins	This paper critically analyses Emotional Labour (EL) in everyday interactions amongst female senior leaders with regards to power and governance in Ireland's Technological Universities (TUs). Drawing on qualitative data drawn from Biographic Narrative Interpretive Method (BNIM) interviews in 2024, EL is contextual and nuanced. While definitions of EL are multidimensional, it is "the management of feeling to create a publicly observable facial and bodily display sold for a wage" (Hochschild, 2012, p. 7). EL encompasses conscious and unconscious efforts to express/suppress emotions, contingent on power networks that are historical. The paper elicits how emotions shape power relations, deliberation and micro-governance strategies in Irish TUs, showing how female senior manage their emotions in personal and professional contexts.
11:40	Break				
12:00	Invisible Sportswomen 3.0 - A Mixed-Methods Study of Women's Experiences of Working in Sport and Exercise Science Academia	Dr Emma Cowley, Postdoctoral Researcher, SHE Research, TUS	4AO1, Moylish Campus	10 mins	Women remain underrepresented in Exercise and Sport Science (EXSS) academia, with structural and cultural barriers hindering their career advancement. This study explored these challenges through international survey data from 341 women and ten focus groups. Results revealed systemic stereotyping, exclusion from influential male-dominated networks, and individual survival strategies, including rationalising inequities by accepting meritocratic ideals. To address these barriers, we recommend institutional self-assessments (e.g., Athena SWAN) to identify gendered biases and policies that enhance diversity initiatives. Creating a more inclusive, supportive culture across all organisational levels is critical to improving gender equity and opportunities for women in EXSS academia.
12:10	Understanding and advancing women's health during menopause	Dr Trish Heavey, Lecturer, Department of Sport and Health Sciences, TUS	4AO1, Moylish Campus	10 mins	Menopause is a natural process that occurs in women's lives as part of normal aging and signifies the end of the reproductive life span. The years leading up to menopause are referred to as perimenopause and many women experience physical and psychological changes that can impact quality of life as well as health outcomes. While there are several treatment options available, such as hormonal replacement therapy, lifestyle adjustments including exercise and dietary changes, as well as health education are becoming increasingly considered as alternative methods to improve a woman's experience of symptoms during perimenopause. Our research focuses on understanding the impact of menopausal symptoms on women's health as well as designing and implementing lifestyle interventions to better support women at this time.

# Research Week

## Monday 17 February



### Daily RSVP: TUS Moylish Campus

Time	Event Title	Speaker	Location	Duration	Abstract
12:20	Empowering Sport and Exercise Science Research Through Open Science	Dr Robin Healy, <i>Lecturer, Department of Sport and Health Science, TUS</i> Dr Ciarán Ó Catháin, <i>Lecturer, Department of Sport and Health Science, TUS</i>	4A01, Moylish Campus	10 mins	This talk will outline contemporary issues in sports and exercise science research such as low statistical power, publication bias, inadequate reporting practices, and replication failures. Consequently, potential solutions will be presented such as the development of big team science approaches that encourage project collaboration both nationally and internationally, the promotion of preregistration, and other common open-science practices such as data and code sharing.
12:30	Oxidative stress as a therapeutic intervention in Hodgkin Lymphoma	Dr Lynnette Marcar Hourihan, <i>Lecturer, Department of Applied Science, TUS</i>	4A01, Moylish Campus	10 mins	Hodgkin lymphoma(HL) represents the greatest incidence of cancers diagnosed in children and in young adults.Chemotherapy and radiation are the mainstay of HL treatment leading to long term effects including secondary malignancy and organ toxicities.Hence, there is a need for new therapies that are effective but have fewer side effects. Evidence indicates oxidative stress play a role in the development and growth of HL.Oxidative stress is an imbalance between damaging cellular molecules called reactive oxygen species(ROS) and the natural cellular antioxidant defence. HL exhibit, sustain, and endure high levels of ROS with little detrimental impact. This project intends to identify new compounds that could be used for the treatment of HL that encourage reactive oxygen species to rapidly increase with the over-arching aim of killing cancers.
12:40	Collaborative Panel: Developing academic partnerships for successful research collaboration	Chair: Prof Neil Rowan, <i>Principal Investigator, Bioeconomy Demonstration for Change of Land Use, TUS</i> Karl Turley, <i>Deputy Director, TUS Global</i>	4A01, Moylish Campus	20 mins	
13:00	<b>Lunch</b>				
14:00	Sustainable Development Research Institute, TUS	Dr Mercedes Alonso Gomez, <i>Director, SDRI</i>	4A01, Moylish Campus	5 mins	
14:05	Novel Approaches: Employing Semiotics to Uncover Meaning in Business Research	Dr Emma Carroll, <i>Assistant Lecturer, Faculty of Business &amp; Humanities</i>	4A01, Moylish Campus	10 mins	Semiotics, the study of signs and symbols, provides a valuable approach for analysing the cultural and symbolic aspects of consumer behaviour in business studies. This talk is drawn from a larger study that employed semiotics to analyse event attendees' perceptions, focusing on the narratives embedded in event communications and audience experiences. By exploring how symbols resonate within specific cultural contexts, semiotics offers a powerful tool for data analysis, revealing deeper insights into audience perceptions and engagement. This session offers practical tips for integrating semiotic analysis into research, demonstrating its potential as both a theoretical framework and a methodological tool for analysing qualitative data.
14:15	Education for Sustainable Development in the Technological University of the Shannon (TUS) - Key examples	Dr Noëlle O'Connor, <i>Researcher and Senior Lecturer, TUS</i>	4A01, Moylish Campus	10 mins	Embedding of any educational imperative throughout our teaching and learning infrastructure requires time, space and adequate resourcing. The presentation will showcase best practice examples of ESD within TUS.
14:25	The impact of the N-TUTORR on TUS	Dr Noëlle O'Connor, <i>Researcher and Senior Lecturer, TUS</i>	4A01, Moylish Campus	10 mins	The N-TUTORR project has significantly advanced Ireland's Higher Education (HE) landscape by leveraging innovative strategies and practical implementations. This presentation will be anchored around key examples from the project, illustrating its impact through the lens of its six core themes.
14:35	Collaborative Panel: Creative and sustainable research practices	Chair: Dr Mercedes Alonso Gomez, <i>Director, Sustainable Development Research Institute, TUS</i>	4A01, Moylish Campus	25 mins	
15:00	<b>Break - Tea &amp; Coffee</b>				
15:15	One Should not Benefit from one's Crime, especially Homicide: How the Public Policy is Applied to Joint Tenancies	Dr Ann-Marie Dooley, <i>Lecturer, Department of Business and Financial Services, TUS</i>	4A01, Moylish Campus	10 mins	There is a public policy that one should not benefit from one's crime, especially homicide. Although the public policy is applied throughout the Common Law world, its foundations are arguably unstable and the application of the public policy is uncertain as to operation, scope and effect. In 2023, the Department of Justice published a report on familicide and domestic violence and recommended "implementation without delay" of the Law Reform Commission's 2015 recommendations for legislation based on the public policy. However, the Commission's proposals were sharply criticised and the proposed legislation is bogged down in legal argument. Further investigation of the public policy is required.
15:25	INSPIRE - Supporting post-conflict refugee tourism entrepreneurship	Dr Anthony Johnston, <i>Director of Research Development for the Faculty of Business and Hospitality, TUS</i>	4A01, Moylish Campus	10 mins	The INSPIRE project will produce a detailed report conducted from primary and secondary fieldwork in Ireland, Belgium, Croatia, Türkiye and Ukraine. We will create a good practice user guide for refugee tourism entrepreneurs which will be supported by course materials, a website and mobile application. A final resource will be the publication of a searchable databank of supports for refugee tourism entrepreneurs, including education and training supports, finance options, networking and business supports.
15:35	Exploring the Barriers to Care Amongst Older Migrants in Europe: An Ethical Overview of the fears that can exist with Older Migrants having an impact on their "physical and mental health"	Dr Mary McDonnell Naughton, <i>Senior Lecturer, Department of Nursing, TUS</i>	4A01, Moylish Campus	10 mins	Exploring the Barriers to Care Amongst Older Migrants in Europe: An Ethical Overview of the Religiosity fears that can exist with Older Migrants that has a negative effect on their physical and mental health. Older migrants face unique challenges at the intersection of religious identity and migration, including discrimination, health inequities, language and cultural differences, low health literacy, and limited access to preventive care and chronic disease management. This paper focuses on the barriers faced by older European migrants in accessing healthcare and achieving the social determinants of health in Europe. It examines how social determinants such as poverty, housing, employment, and discrimination intersect with age and migration status to exacerbate health vulnerabilities among this population.
15:45	From Former Jehovah's Witness to advancing Equality, Equity and Inclusion	Trish Bourke, <i>Senior EDI Officer, TUS</i>	4A01, Moylish Campus	10 mins	Growing up as a Jehovah's Witness in a small Irish town in the 90s meant living under the microscope of both faith and community – a life of rigid rules, exclusion from celebrations, and the ever-watchful eyes of elders. Yet, this journey of isolation and questioning ignited a deep desire for fairness and inclusion, leading to a commitment to Equity, Diversity, and Inclusion (EDI). My talk explores how the courage to leave a restrictive belief system became the foundation for advocating systemic change, promoting understanding, and empowering underrepresented voices. From doubt to defiance, this is a story of resilience, transformation, and the power of inclusion.
15:55	Reflective Q&A session in collaboration with session speakers	Dr Lorcan Byrne <i>Lecturer, Department of Applied Social Sciences</i>	4A01, Moylish Campus	20 mins	
16:15	<b>Summary &amp; Close</b>				

# Research Week - Impact Pathways for Enterprise & Innovation. Tuesday 18 February



Daily RSVP: TUS Coonagh Campus

Time	Event Title	Speaker	Location	Duration	Abstract
09:00	Registration - Tea & Coffee		Canteen Area, Coonagh Campus	30 mins	
09:30	Opening Address & Ethos of the Day	Lorna Walsh, <i>Director of Research Support Services TUS</i>	023, Coonagh Campus	10 mins	
09:40	What is IMPACT?	Dr Christopher Dwyer, <i>Senior Researcher TUS Impact Project</i>	023, Coonagh Campus	15 mins	Dr Christopher Dwyer will open the event by defining IMPACT and discussing how it is being explored within TUS as a catalyst for coordinated collaboration between education, research, industry, and society.
10:00	Panel: Collaboration for Impact	Chair: Dr Aoife Lane, <i>Head of Department of Sport and Health Sciences, TUS</i> Dr Mairéad Cantwell, <i>Lecturer, Department of Sport and Health Science, TUS</i> Dr Kieran Dowd, <i>Lecturer, Department of Sport and Health Science, TUS</i> Jason McLaughlin, <i>Total Plastic Solution</i> Dr Amit Kumar Haldar, <i>Assistant Lecturer, Department of Mechanical Engineering, TUS</i> David Downey, <i>Educational Outreach Manager, IDEAM Cluster</i>	023, Coonagh Campus	65 min	The first panel discussion, Collaboration for Impact, will explore the role of partnerships in creating successful research initiatives. Panellists will share insights into why collaborations were formed, how projects were executed, and how challenges were navigated. Key lessons and measurable impacts will be highlighted and offering insight for future projects.
11:05	Panel: TUS Research & Regional Socio-Economic Growth	Chair: Dr Lena Madden, <i>Principal Investigator and Senior Research Fellow, Centre for Applied Bioscience Research</i> Prof Neil Rowan, <i>Lead Principal Investigator, Bioeconomy Demonstration for Change of Land Use, TUS</i> Kenny O'Brien, <i>Manager Applied Polymer Technologies</i> Anthony Cunningham, <i>Manager, COMAND Technology Gateway</i> Seán O'Grady, <i>Irish Bioeconomy Foundation.</i> Pat Whyte, <i>Invermed</i>	023, Coonagh Campus	55 mins	The second panel, TUS Research & Regional Socio-Economic Growth, will showcase how TUS research activities connect with and influence regional development. Case studies will illustrate the scale and reach of these efforts, from focused initiatives in key towns to individual enterprises in rural locations. Speakers will discuss how research is driving ambition and scalability, with perspectives ranging from local to international resulting in a vibrant regional socio economic eco system.
12:00	Regional Influence Across Midlands/Midwest.	Neil McDermott, <i>Senior Manager TU RISE, Higher Education Authority</i> David Kelly, <i>Director, Southern Regional Assembly</i> Dr Liam Brown, <i>Vice President Research &amp; Development, TUS</i> Michelle Cooney <i>Senior Strategic Research Support Manager, TUS</i>	023, Coonagh Campus	40 mins	A key highlight of the day will be the TUS RISE Presentation, providing insights into the initiative's purpose, scope, and impact. As a significant investment in research infrastructure from public sector funding including Higher Education Authority & Southern Regional, Enterprise Ireland and EU supported project funding. TUS RISE aims to support enterprise growth and deepen societal engagement. Industry representatives may offer additional perspectives on how this initiative aligns with real-world business needs.  <i>TUS RISE is co-funded by the Government of Ireland and the European Union through the ERDF Southern, Eastern &amp; Midland Regional Programme 2021-27.</i>
12:40	Lunch & Networking		Canteen Area, Coonagh Campus	50 mins	



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HIGHER EDUCATION AUTHORITY  
AN tÚDARÁS um ARD-OIDEACHAS

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# Research Week - Impact Pathways for Enterprise & Innovation. Tuesday 18 February



Daily RSVP: TUS Coonagh Campus

Time	Event Title	Speaker	Location	Duration	Abstract
13:30	Break Out Session's	The IMPACT Scenarios will focus on four key themes: 1. <b>Circular Systems &amp; Nature</b> – Exploring sustainable design, resource efficiency, and nature-based solutions. 2. <b>Artificial Intelligence &amp; Sustainability</b> – Examining AI-driven approaches to environmental and economic sustainability. 3. <b>Science &amp; Society</b> – Understanding the role of scientific research in shaping social progress and public policy. 4. <b>Space Technologies &amp; Innovation</b> – Investigating how advancements in space technology can drive innovation across industries.		60 mins	The afternoon will feature IMPACT Scenarios, interactive discussions designed to generate insights, identify future challenges, and explore opportunities within key research areas. These discussions will directly inform the TUS Works programme, a platform that leverages research as seed capital for socio-economic solutions. TUS Works fosters collaboration between researchers, entrepreneurs, and industry leaders to drive innovation and enterprise development with both regional and global relevance.
14:30	Panel: From Discovery to Impact	Chair: Gillian Barry, <i>Head of Innovation &amp; Enterprise, TUS</i>  Dr Noel Gately, <i>KTCO Case Manager, TUS</i>  Mary Casey, <i>El New Frontiers Programme Manger</i>  Peadar Casey, <i>TUS Works Project Manager</i>  Dr Joe Sullivan, <i>Venture Scientist, Entrepreneur and Technology Innovator</i>  Declan Fox, <i>Seasoned Entrepreneur &amp; Senior Consultant, Axis BIC</i>	023, Coonagh Campus	45 mins	The final panel discussion, From Discovery to Impact, will focus on the support structures, funding mechanisms, physical spaces, and collaborative networks required to sustain impactful research and regional enterprise growth and how commercialisation can unlock your potential, position your research future and deliver positive socio economic impact.
15:15	IMPACT Scenarios Summary Session		023, Coonagh Campus	30 mins	
15:45	Closing Remarks & Feedback	Dr Chris O'Dwyer, <i>Senior Researcher TUS Impact Project</i>	023, Coonagh Campus	10 mins	To conclude the event, Dr Christopher Dwyer will deliver a 10-minute recap, summarising key insights and takeaways from the day
19:00	Keynote Address	Dr Martin Mansergh	Invite Only	30 mins	



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## Research Week - Online. Tuesday 18 February

11:00	Author Workshop: Writing for Academic Publication	TUS Library in conjunction with Elsevier.	<a href="#">Online - Event Link</a>	90 mins	<p>Knowing how to correctly prepare a paper, and the most appropriate scientific journal to send it to will significantly increase the chances of your paper being accepted.</p> <p>Here's your chance to learn from the world's leading publisher of science, technology, and health science journals. This session will cover</p> <ul style="list-style-type: none"> <li>• Overview of the submission and review process</li> <li>• Preparing your manuscript for initial submission – what works and what doesn't</li> <li>• Preparing your manuscript for re-submission after peer review – the do's and don'ts</li> </ul>
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# Research Week - Creativity in Research

## 'Normal is Broken'. Wednesday 19 February



Daily RSVP: TUS LSAD Clare St Campus

Time	Event Title	Speaker	Location	Duration	Abstract
All Day	Experimental Film Making Hub Showcase	Lorraine Neeson, <i>Lecturer Fine Art Photography</i> Noelle Noonan, <i>Lecturer Limerick School of Art &amp; Design</i>	LSAD, Clare Street	All Day	The exhibition will showcase the ongoing research & creative output of our recently established Experimental Filmmaking hub, focusing on sustainable & ecological darkroom practices. We have been investigating plant-based, eco-friendly developers and fixing agents to reduce the environmental impact of traditional photographic processes.  Our collaborative model encourages the exchange of ideas, research and resources, facilitating long-term change. Through connections with established practitioners and international artist-run labs engaged in sustainable practices, we aim to further the dialogue around eco-conscious approaches. This exhibition will demonstrate the potential of sustainable processes in both traditional and contemporary formats, inspiring a broader dialogue about creativity, resourcefulness, and the future of image-making.
09:45	<b>Registration - Tea &amp; Coffee</b>				
10:00	Opening Address	Dr Mike Fitzpatrick, <i>Dean Limerick School of Art &amp; Design, TUS</i> Dr Grainne Walsh, <i>Assistant Director, Researcher Development, Research Ireland</i>	LSAD, Clare Street	30 mins	
10:30	Forge Design Factory	Rebecca Marsden, <i>Industry Partnership Network Coordinator, TUS</i>	LSAD, Clare Street	10 mins	
10:40	Research as a catalyst for change: How research can help a town deal with drug misuse!	Dr Marie Walsh, <i>Lecturer, Limerick School of Art &amp; Design</i>	LSAD, Clare Street	10 mins	The Digital Arts Lab in TUS Clonmel Campus is currently involved in an ongoing and large scale research project investigating the issue of substance misuse in the town of Clonmel (2023 - Present). 4 focus groups involving commercial interests, schools, clubs and those living with addiction were held to gather data to better understand how people experience substance misuse in Clonmel, what they see are the key issues and what needs to be done to address the problem. There are multiple agencies involved in this project already working on key actions. But the real question is... how can we mobilise and support the town of Clonmel to address substance misuse?
10:50	Sounding the Dreaming	Carmen Sorrenti, <i>Researcher Art &amp; Psyche Research Group</i>	LSAD, Clare Street	10 mins	Sounding the Dreaming (SD) is a collaborative method with multiple dreams in order to deepen a language of re-enchanted, a 3rd language between conscious and unconscious, between the rational and the unquantifiable. This inquiry was seeded by years of dreams singing to me as well as the nomen omen of my name, Carmen, which in Latin means song/poem/spell - this trinity being part of a continuum. SD dialogues with the sounds and rhythms of the dreaming dimension and co-authors new forms of song-poems that develop the notion of Jung's transcendent function into an ongoing transcendent language.
11:00	Not for Burying: Emotion and Researcher Sustainability in the Bábóg Project	Jennifer Moran Stritch, <i>Assistant Lecturer, Department of Applied Social Sciences, TUS</i>	LSAD, Clare Street	10 mins	The Bábóg Project is a response from dollmaker and artist Laura Whalen to the discovery of the Tuam Mother and Baby burial site in 2015. Rooted in craftivism, the project asked members of the public to create enough tiny dolls, no larger than the palm of a hand, to match the number of infants and children who died in Mother and Baby institutions in Ireland. This presentation explores how my own involvement with the project has illuminated critical aspects of sustainability, including the importance of emotional well-being, boundary-setting, researcher reflexivity, institutional supports and self-care. Drawing on Robert Romanyshyn's depth psychology framework, which emphasizes the embodied and relational dimensions of research, images from the project, excerpts from participants' written materials and my own reflections will be used as lenses to examine these issues.
11:00	Scopus Workshop: an introduction to Scopus	TUS Library in conjunction with Elsevier.	<b>Online - Event Link</b>	90 mins	This session will give you an introduction to Scopus, what it is, how it can be used and some of the key benefits of its use..  Some topics that will be covered include: <ul style="list-style-type: none"> <li>• Introduction to Scopus</li> <li>• Searching, advance search, how to analyse and export information</li> <li>• How to set up Scopus alerts</li> <li>• Author search and ORCID</li> <li>• Showcase your own profile</li> <li>• Quickly see the main journals, disciplines and authors that publish in your area of interest.</li> </ul>
11:10	Polyphonic Narratives: Lough Corrib as Case Study	Dr Stefano Odorico, <i>Lecturer, Limerick School of Art &amp; Design</i>	LSAD, Clare Street	10 mins	Working in collaboration with Corrib Beo, an association, which develops and promotes the social, economic and environmental wellbeing of the Corrib Region ( <a href="https://corribbeo.org/">https://corribbeo.org/</a> ), the main aim of this paper is to generate a discussion on the potential of interactive documentaries to bring communities together and promote dialogue around themes related to Lough Corrib, such as: Biodiversity, Fishing, Education, Heritage, Energy/Climate and Tourism.
11:20	Panel: 'Societal Impact of Research', followed by Q & A	Chair: Eleanor Moloney, <i>Director, LSAD Research Institute</i>	LSAD, Clare Street	25 mins	
11:45	<b>Break</b>				
12:00	Hydrogen as the Energy Carrier of Tomorrow	Dr Amit Halder, <i>Assistant Lecturer, Department of Mechanical and Automobile Engineering, Collins Aerospace R&amp;D</i>	LSAD, Clare Street	15 mins	Hydrogen is emerging as a cornerstone of the global energy transition, offering a clean, versatile, and abundant energy carrier. However, efficient storage remains a critical challenge in realising its full potential. This talk will explore the latest advancements in hydrogen storage technologies, including solid-state storage, compression, and liquefaction. We will discuss their role in enabling sustainable energy systems, the challenges of scalability, and strategies for improving efficiency and safety. Highlighting both current breakthroughs and future prospects, this presentation aims to provide insights into how innovative storage solutions can accelerate the adoption of hydrogen as a key enabler for a decarbonised future.

# Research Week - Creativity in Research

## 'Normal is Broken'. Wednesday 19 February



Daily RSVP: TUS LSAD Clare St Campus

Time	Event Title	Speaker	Location	Duration	Abstract
12:15	Sustainability in Research: Innovative Ideas in Biomethane Development and Community Engagement	Dr Ajay Kumar Sutrakar, <i>Manager, Biomethane Development Office</i>	LSAD, Clare Street	10 mins	Biomethane for Carbon and Community (BCC) project is crucial in transitioning Ireland towards sustainable, renewable energy solutions, while simultaneously supporting rural communities, the agricultural sector, and local economies. The Biomethane Development Office (BDO), located in the National Bioeconomy Campus at Lisheen, Co. Tipperary, serves as the core resource for driving the development of biomethane as a sustainable energy source. This 30-minute talk will explore the transformative potential of the BCC project, its objectives, and its potential impacts and contributions to sustainable research practices aligning with national strategy documents, policies and climate pledges. Attendees will gain insights into how the BCC project integrates sustainability into its core mission.
12:25	Leveraging Life Cycle Assessment for Sustainable Plastic Solutions: A Case Study of the EcoPlastiC Project	Dr Eduardo Lanzagorta Garcia, <i>Post-Doctoral Researcher, TUS</i>	LSAD, Clare Street	10 mins	Life Cycle Assessment (LCA) has emerged as a critical tool for evaluating the environmental impacts of plastic waste management technologies. By examining the entire life cycle of products, LCA helps identify the most sustainable solutions, guiding decision-making for more effective waste management and material alternatives. The EcoPlastiC project, which focuses on converting mixed plastic waste into recyclable biopolymers, serves as an example of how LCA can be applied to assess the sustainability of emerging technologies. This case study emphasizes the importance of LCA in ensuring that innovative solutions contribute to a truly circular economy.
12:35	Panel: 'Sustainability & Creativity', followed by Q & A	Chair: Dr Adam De Eyto, <i>Head of Design, Limerick School of Art &amp; Design, TUS</i>	LSAD, Clare Street	25 mins	
13:00	GreenHive - Sustainable Development Education Networks	Dr Marie Taylor, <i>Senior Project Officer, Sustainable Development Research Institute, TUS</i>	LSAD, Clare Street	10 mins	The Erasmus+ Green Hive Project aims to develop a European platform-based ecosystem for sustainability education known as the "Green Hive". It introduces two key components: "The Hive" and "Green Combs." "The Hive" is an open and cross-sectoral long-term cooperation network that fosters innovation, continuous improvement, and co-creation in sustainability education. In contrast, "Green Combs" are localized hubs for sustainability education established within VET providers. These hubs will serve as a nucleus for networking and cooperation among VET providers, companies, universities, civil society organizations, and professional associations, all united to address sustainability challenges.
13:10	Public Policy on social and anti-social use of powered bicycles.	Dr PJ Ryan, <i>Lecturer, Marketing, Enterprise and Digital Communications, TUS</i>	LSAD, Clare Street	10 mins	The emergence, development, evolution, and widespread adoption of power bicycles (electric and otherwise) has generated an exceptionally wide panacea of public policy issues. This paper will reflect upon the development framework and implementation of the Road Traffic and Roads Act 2023 from the perspective of mechanisms to deal with the safe use of e-scooters and e-bikes and the prevention of antisocial use of vehicles such as quads and scrambler bikes from a legal and societal impact perspective.
13:20	How Creative Inquiry Can Inspire Meaningful Change for a Resilient Future.	Ruth Duignan <i>Lecturer, Limerick School of Art &amp; Design</i>	LSAD, Clare Street	10 mins	Issues caused by the production, distribution, use, and disposal of clothing and textile products make the fashion industry one of the largest polluters. The use phase has one of the highest environmental impact owing to the impact of home laundering, which can account for 75–80% of a cotton shirts total environmental impact. While personal cleanliness behaviours, perceptions and rituals play a role in care of clothing, designs foundational role puts designers in a position to reduce the negative impact of the use phase. To transform behaviour, it must be understood. What confluence of habit, culture, technology, and environment are causing laundry habits to escalate within our domestic environments? And what do designers need to know to bring about change?
13:30	Panel: 'Normal is Broken' followed by Q & A	Chair: Lucina Russell, <i>Lecturer, Limerick School of Art &amp; Design</i>	LSAD, Clare Street	25 mins	
13:55	<b>Lunch &amp; Table Talk Sessions</b>			<b>60 mins</b>	
14:05	'Creativity' as the secret superpower for researchers! How creative methods can be used to improve data gathering, increase inclusivity and lead to brilliant research	Dr Marie Walsh, <i>Lecturer, Limerick School of Art &amp; Design</i>	LSAD, Clare Street	10 mins	If we really want to unleash the power of creative methods in research practice, then we need to stop using them as a 'nice little tool' and instead, fully embed them into the research process - the actual research design in how we gather, analyse and even report our data. This talk unpacks a 2 year research project by the Digital Arts Lab in TUS Clonmel which worked with 182 children and young people (aged 3 to 24) and explored what kind of community they want to live in (2022 - 2023). Working with a theatre director, a storyteller, and animation students, 'creativity' was the secret weapon of this project leading to high participation and inclusivity. This project was awarded a TUSLA National Participation Award November 2024.
14:15	Nurturing Nature - Maternal Role of Cows in the Technological Advancements and Sustainability of the Irish Dairy Industry	Maria McKinney, <i>PhD Student, TUS</i>	LSAD, Clare Street	10 mins	Working in collaboration with Vistamilk, a Research Ireland (RI) and Department of Agriculture Food and the Marine (DAFM) research centre developing innovative new technologies for enhanced sustainability across the dairy supply chain, this table talk session will introduce the TUS Rise funded researcher's art-practice as a novel means of investigating the scientific innovations required to make our food systems more sustainable, and disseminating this to a wider public through artistic outcomes.
14:25	Mediating the Value of Irelands Wetlands through Visual Arts	Carol Anne Connolly, <i>PhD Student, TUS</i>	LSAD, Clare Street	10 mins	This MRes explores how the visual arts can engage with environmental knowledge – not just as a means of communication, but as an integrated form of inquiry. Funded by Research Ireland's 2024 Enterprise Partnership Scheme Postgraduate Scholarship and in collaboration with the National Parks and Wildlife Service (NPWS), this research involves working on-site with NPWS through field visits and creative enquiry to examine how interdisciplinary approaches can translate complex environmental knowledge into meaningful engagement.
14:50	Group Photo			5 mins	
14:55	Parallel Workshop: Epic Stays - Alternative tourism accommodation in Iceland, Ireland, Netherlands, Italy and Slovenia  UPLIFTEU - Integrate European film and literary immersive tourism practices into VET curricula	Dr Anthony Johnston, <i>Director of Research Development for the Faculty of Business and Hospitality, TUS</i>	LSAD, Clare Street	50 mins	Epic Stays will develop a new VET offering and upskill European tourism businesses leading to the development of new, alternative tourism accommodation in Iceland, Ireland, Netherlands, Italy and Slovenia and thereafter across Europe.  UPLIFTEU will innovate and sustain the European film and literary tourism sector by implementing extended reality skills for those in VET by integrating immersive tourism practices into VET curricula, promoting VR/AR/AI readiness for SME's. We will directly train 20+ targeted stakeholders, involve 100+ VET students, educators, and professionals, and reach over 1000 individuals through digital platforms, ensuring 150+ future tourism leaders are equipped with skills in immersive technology.
14:55	Parallel Workshop: How can we create a Virtual Reality Environment that aids cancer survivors in their recovery	Jos Gijbels, <i>PhD Student, TUS</i>	LSAD, Clare Street	25 mins	This practice-based PhD project explores how a Virtual Reality (VR) mindfulness environment can support cancer survivors in their recovery. Rooted in qualitative research, it integrates user feedback from focus groups, and thematic analysis to design and create a prototype VR mindfulness app. Designed with guided exercises, calming virtual environments and subtle interactions. The session will feature insights from the research process and a live demonstration using VR headsets. This project showcases the potential of VR-based therapies to expand patient support and create innovative, sustainable healthcare solutions.
15:20	Parallel Workshop: Demonstrating latest digital scanning advances and applications	Ken Colman, <i>Lecturer, Limerick School of Art and Design</i>	LSAD, Clare Street	25 mins	
15:45	<b>Summary &amp; Close</b>	Eleanor Moloney, <i>Director LSAD Research Institute</i>		10 mins	

# Research Week - Postgraduate Research Day

## Thursday 20 February



### Daily RSVP: TUS Moylish Campus

Time	Event Title	Speaker	Location	Duration	Abstract
All Day	Postgraduate Research Display		The Street, Moylish Campus	All Day	
09:00	Registration				
09:15	Building Belonging in TUS	Dr Catherine Ann O'Connell, <i>Senior Education Developer, Centre for Pedagogical Innovation &amp; Development, TUS</i> Dr Éadaoin Slattery, <i>Lecturer, Department of Applied Social Sciences, TUS</i>	4A01, Moylish Campus	20 mins	This talk will present preliminary findings from the Building Belonging project which aimed to explore students' perspectives on belonging in higher education using Photovoice. Photovoice is a qualitative research method that involves participants taking photos of a phenomenon, which are then used to understand participants' lived experiences and perspectives. In this project, students captured and shared images that reflected their personal experiences and sense of belonging. As we know from the academic literature, understanding and fostering a sense of belonging among students is essential for their success, engagement, well-being, and retention in college. In this research, we sought to understand the barriers/facilitators that impact student belonging, and ultimately to promote accessibility and inclusivity in TUS.
09:35	Cultural Capital and its Impact on Tertiary Education in Ireland	Orla Watson, <i>Department of Business &amp; Financial Services, TUS</i> Aisling Burke, <i>Department of Marketing &amp; Communications, TUS</i>	4A01, Moylish Campus	20 mins	Ireland's HEI sector is largely dependent on second level examination results for entry into Higher Education Institutes (HEI) with little or no oversight on a students' skills outside the examination hall. Therefore, examining the effects of cultural capital development on the acceptance or completion of third level training can inform the community provision of extracurricular activities available to children to best support their cultural capital development and subsequent success in their chosen adult training. This research uses national GUI datasets to trace participants aged 9 to 21 thereby offering an Ireland specific educational policy and community development insight.
09:55	Introduction to the TUS Academic Writing Centre	Dr Miriam O'Connor, <i>Lecturer &amp; Coordinator, TUS Academic Writing Centre</i>	4A01, Moylish Campus	20 mins	This session, led by Dr Miriam O'Connor introduces the TUS Academic Writing Centre and showcases its value for Masters by Research and PhD students in TUS. The Academic Writing Centre plays a pivotal role in the research and teaching life of TUS and understanding and operationalising its functions have been key to success for very many research students.
10:15	Break - Tea & Coffee				
10:30	Generative AI	Dr Geraldine McDermott, <i>TUS Centre for Pedagogical Innovation &amp; Development, (CIPD) TUS</i> Dr Denise Mac Giolla Rí, <i>Faculty of Science &amp; Healthcare, &amp; CIPD, TUS</i> Dr Sarah Eaton, <i>University of Calgary</i>	4A01, Moylish Campus	90 mins	This hands-on workshop will provide participants with an opportunity to consider GenerativeAI tools that are relevant to the research process. Participants are invited to bring their own devices to experiment with some of these tools during the workshop and share their reflections about the use of GenerativeAI within a research context.
12:00	Publishing & Disseminating your Research	Dr Lisa Moran, <i>Dean of Graduate Studies, TUS</i> Dr Jeff Buckley, <i>Lecturer, Department of Technology Education, TUS</i> Dr Lisa Henihan, <i>Lecturer, Department of Mechanical &amp; Automobile Engineering, TUS</i>	4A01, Moylish Campus	75 mins	This interactive session draws from the experience and expertise of three established writers and journal editors from TUS; Jeff Buckley, Lisa Henihan and Lisa Moran. All have published extensively in world-leading peer reviewed journals and currently, they serve as the editors-in-chief/associate editors of journals in engineering, design technology and education (JB), interdisciplinary engineering (LH) and social sciences (LM). In this session, they share their experiences of writing for journals and also as editors. What do editors actually do and what is their role in the publishing process? What do reviewers look for? Do you always need to aim for top ranking journals? What are the differences between 'predatory' journals and well established, reputable ones? How do you spot 'predatory' journals anyway? LM also shares her extensive experiences of writing and editing books and book chapters and working with different publishers including Springer, Routledge, Bristol University Press, the Policy Press and Palgrave Macmillan. A must for anyone who is planning to publish soon or who may have published already!
13:15	Lunch & Poster Judging Session				
14:15	The SEED Network: Supporting Early-Career Researcher Engagement and Professional Development in TUS	Dr Éadaoin Slattery, <i>Lecturer, Department of Applied Social Sciences, TUS</i> Dr Catherine Ann O'Connell, <i>Senior Education Developer, Centre for Pedagogical Innovation &amp; Development, TUS</i>	4A01, Moylish Campus	20 mins	The SEED network is a peer-led initiative to support the professional development of early-career researchers (ECRs). ECRs drive research innovation and contribute to impactful outputs, but face unique challenges including limited mentorship, isolation, and a lack of interdisciplinary collaboration. By fostering a supportive community, the network aims to enhance research participation, embed a strong research culture, and drive collaboration. The network will operate across faculties and campuses to ensure broad participation. Through tailored workshops, peer review opportunities, and networking events, the SEED network complements institutional resources while focusing on community-driven support. This talk will outline its purpose, activities, and vision.
14:35	Post-PhD Career Paths	Dr Martin Hayes, <i>Business Development Research Fellow, TUS</i> Dr Diane O'Doherty, <i>Research Officer, Alzheimer Society of Ireland</i> Dr Charlotte Simera May, <i>Northern and Western Regional Assembly</i> Carol O'Dwyer, <i>HR Research Advisor, UCC</i> Gillian Barry, <i>Head of Innovation &amp; Enterprise, TUS</i> Peadar Casey, <i>TUS Works Project Manager</i>	4A01, Moylish Campus	75 mins	Ever wondered what to do after a PhD? Where exactly do you go to find an academic teaching position or a research post and what about careers in other sectors? Where do you go to seek a job in industry if you've never worked there before? This session draws on the experiences of experts who can help you to decipher these questions. It features insights on the ODYSSEY programme led by UCC (Carol O' Dwyer) which focuses on skills development amongst PhD students and preparation for careers that are outside of academia which are increasingly important career pathways for student's post-graduation. Dr Charlotte May discusses her experiences of doing a PhD at the University of Galway and how her background in research has shaped her career trajectory. Charlotte will address the experience of working in local government roles and highlight how her PhD experience brings added value to this sector. Dr Diane O'Doherty, a TUS graduate speaks about her experience of job seeking and the advice that she would give to current students about how to best prepare for the workplace. Peadar Casey and Gillian Barry also present TUS Works, an innovative programme which encourages future innovation and entrepreneurship leaders in TUS. A session not to be missed!



# Research Week - Postgraduate Research Day

## Thursday 20 February



[Daily RSVP: TUS Moylish Campus](#)

Time	Event Title	Speaker	Location	Duration	Abstract
15:50	Break - Tea & Coffee				
16:05	Postgraduate Researcher Thesis in 3 Competition: Final		4A01, Moylish Campus	30 mins	Welcome to the inaugural campus-wide Thesis in 3 competition at TUS! 15 excellent entries have been whittled down to 5. Who can explicate the technical aspects of their thesis in 3 minutes and make it interesting and inspirational to a lay audience? Judges include Prof Ann McPhail, University of Limerick and Dr Liz Coleman, University of Galway.
16:35	Postgraduate Research, RUN-EU Student Research Colloquium & Library Photo Competition Awards		4A01, Moylish Campus	25 mins	Awards ceremony celebrating the very best from the postgraduate research day and the photo competition co-ordinated by the TUS Library.
17:00	Close of Day & Thanks	Dr Lisa Moran, Dean of Graduate Studies, TUS			

# Research Week: Friday 21 February



[Booking - Climate Fresk Workshop](#)

[Booking - Agentic AI Workshop](#)

Time	Event Title	Speaker	Location	Duration	Abstract
10:00	Climate Fresk Workshop	Yvonne Doyle, <i>Project Manager, Sustainable Development Research Institute, TUS</i>	10A05, Moylish Campus	180 mins	<p>What is <a href="#">Climate Fresk?</a></p> <p>The Climate Fresk was created in 2015 by Cédric Ringenbach, former director of <a href="#">The Shift Project</a> from 2010 to 2016, to raise public awareness about <a href="#">climate change</a>.<sup>[1][2]</sup> In December 2018, he created an not for profit organisation to spread the game and train facilitators.</p> <p>It is a fully interactive card based game where players work in small teams with cards to link cause-effect consequences to build their 'fresco'. Climate Fresk is a accessible fun and inclusive way to become more aware of the challenges and issues around climate change. No specialist knowledge is needed just an open mind and willingness to engage in the game.</p> <p>Max <b>12 attendees</b> <a href="#">Booking here: Ticket Tailor</a></p>
10:30	Agentic AI Workshop	Bernard Goldbach, <i>Lecturer, Department of Digital Arts and Media, TUS</i>	<b>Room 1A15 TBC,</b> Moylish Campus	120 mins	<p>Join us for a dynamic, hands-on workshop that places educators at the heart of the AI process. This session focuses on understanding how AI workflows can enhance teaching and learning, while highlighting the crucial role of human creativity and decision-making in guiding these tools.</p> <p>During the workshop, participants explore practical strategies for transforming text into presentations, videos, and multimodal content, while discovering how thoughtful prompt engineering and workflow design can elevate outcomes. They will learn to refine, improve, and validate AI-generated outputs, ensuring that these tools support transparency, sustainability, and accuracy in educational contexts. By the end of the session, participants will leave with a deeper understanding into implementing AI workflows into their teaching practice and additional resources to continue their exploration.</p> <p>This workshop is designed to inspire confidence in working alongside AI, with a focus on the human-AI collaboration that drives meaningful outcomes, while also encouraging a critically informed approach to the ethical implications of AI in education.</p> <p>Requirements- People who attend should be able to use their smartphone's camera, search function, and audio capture features. Attendees smartphones should have the following free or paid apps installed and accounts registered prior to the event taking place: Claude.ai, Chat GPT, Fabric.so, Google Lens, Microsoft Copilot, and Slido.</p> <p>Max <b>20 attendees</b>, <a href="#">Booking here: Ticket Tailor</a></p>
	Close				



# Research Week - Collaborators

Research,  
Development &  
Innovation



Faculty of  
Engineering &  
Technology



Faculty of  
Business &  
Humanities



Limerick School of  
Art & Design



ELSEVIER



Faculty of  
Applied Science  
& Technology



Faculty of Flexible &  
Professional  
Learning



Faculty of  
Business &  
Hospitality



Faculty of  
Science & Health

Faculty of  
Continuing,  
Professional, Online  
& Distance Learning

