

LPRC

Limerick Postgrad Research Conference

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The LPRC aims to showcase the diversity of postgraduate research in Ireland today. This is an interdisciplinary conference that showcases research projects from many colleges in the country. It is an opportunity to make ties with other researchers and academics in similar fields and may be a stepping stone for researchers to present at future conferences.

Conference schedule:

8:20 am. - 9.00am	Registration and morning tea and coffee – Millennium Theatre foyer																	
9.00am - 9.15am	Welcoming address																	
9:15 am. - 9.45 am	<p>Keynote Speaker Room: Millennium Theatre Mr. Mike Fitzpatrick Director of Limerick City of Culture</p>																	
9:45 am. - 10.45 am.	<p>Discussion Panel Room: Millennium Theatre</p> <table border="0" style="width: 100%; text-align: center;"> <tr> <td style="width: 16%;">Dr. Siobhan Moane</td> <td style="width: 16%;">Dr. Huw Lewis</td> <td style="width: 16%;">Prof. Jim Deegan</td> <td style="width: 16%;">Ms. Joanne Holland</td> <td style="width: 16%;">Dr. Suzanne Guerin,</td> <td style="width: 16%;"></td> </tr> <tr> <td>Head of Research & Technology Transfer, LIT</td> <td>Dean, Graduate School, UL</td> <td>Head of Research & Graduate School, MIC</td> <td>Careers Officer, LIT</td> <td>School of Psychology, UCD</td> <td></td> </tr> </table>						Dr. Siobhan Moane	Dr. Huw Lewis	Prof. Jim Deegan	Ms. Joanne Holland	Dr. Suzanne Guerin,		Head of Research & Technology Transfer, LIT	Dean, Graduate School, UL	Head of Research & Graduate School, MIC	Careers Officer, LIT	School of Psychology, UCD	
Dr. Siobhan Moane	Dr. Huw Lewis	Prof. Jim Deegan	Ms. Joanne Holland	Dr. Suzanne Guerin,														
Head of Research & Technology Transfer, LIT	Dean, Graduate School, UL	Head of Research & Graduate School, MIC	Careers Officer, LIT	School of Psychology, UCD														
10.45 am. - 10.55 am	Tea and coffee - Foyer																	
	<p>Research Presentations Session 1</p>																	
11:00 am. - 12.50 pm.	<u>Session 1.1</u> Learning & Education	<u>Session 1.2</u> Culture & Tourism	<u>Session 1.3</u> Gender & Literature	<u>Session 1.4</u> Gaeilge ----- Philosophy & Psychology	<u>Session 1.5</u> Sustainable Energy	<u>Session 1.6</u> Science and Health												
	<i>Millennium theatre</i>	<i>Room 3A01</i>	<i>Room 3A02</i>	<i>Room 3A03</i>	<i>Room 3A04</i>	<i>Room 4A01</i>												
1.00pm to 1.45pm	<p>Lunch @ Scholar's Restaurant</p>																	

Moylish Campus, LIT

Research Presentations Session 2						
1.45pm. - 3.30 pm.	<u>Session 2.1</u> Biotechnology	<u>Session 2.2</u> Business & Law	<u>Session 2.3</u> Literature & History	<u>Session 2.4</u> Societal challenges in contemporary Ireland	<u>Session 2.5</u> Engineering & IT	<u>Session 2.6</u> Literature & Media in Ireland
	<i>Millennium Theatre</i>	<i>Room 3A01</i>	<i>Room 3A02</i>	<i>Room 3A03</i>	<i>Room 3A04</i>	<i>Room 4A01</i>
3.45pm	Venue: 69 O'Connell Street	Bus to 69 O'Connell Street (former Belltable theatre) Art Exhibition and Light Refreshments				
4.00pm - 5.00pm		Poster Presentations in theatre space				
5.00 - 5.15		Closing Remarks and presentation of academic awards				
5 pm. - 8 pm		Wine and finger food buffet				
6.00pm		Return bus to LIT Moylish Campus				
7pm till late		Conference after party in O' Dwyers Bar, Wolfe Tone Street (5 min walk from 69 O'Connell Street)				

Keynote speaker:



Mr. Mike Fitzgerald-Director of Limerick City of Culture

Keeping with our conference theme for 2014 'Developing a culture of research'. We are delighted to announce that the keynote address will be delivered by Mr Mike Fitzpatrick, Director at Limerick National City of Culture & Head of School, Limerick School of Art and Design at Limerick Institute of Technology.

Mike Fitzpatrick, Head of School of Limerick School of Art and Design. Previously Director/Curator of Limerick City Gallery of Art from 2000-2009 curating over eighty exhibitions including Simon Starling, Lindsay Seers, John Shinnors, Clare Langan, Connolly Cleary, Sean Lynch, Amanda Coogan, Tom Molloy, retrospectives by Walter Verling and Jack Donovan and a survey exhibition of 21st century Irish art. Ireland's commissioner for the Venice Biennale 2007 curating the artist Gerard Byrne also for his exhibition at Lismore Castle in 2010. Curator of the Visual Art strand at the Kilkenny Arts Festival 2005 & 2006.

Personal solo Exhibitions include 'Everything Must Go' Art in General, New York, 'Selling America' Silverstein Gallery, New York and Galway Art Centre, BIAD Birmingham, Limerick City Gallery of Art, OMAC, Belfast and Project Art Centre, Dublin. Exhibited in selected shows in Ireland, UK, USA, Hungary, Australia and Italy.

Fellowships and residencies; Independent Study Programme, Whitney Museum of American Art, New York, Studio Fellowship at PS1 Museum, LIC, New York, Irish Museum of Modern Art, Dublin and Bemis Center for Contemporary Arts, Omaha NE. Education; Research Studies at University of Liverpool. MA, Birmingham Institute of Art and Design, BCU, Italian Gov. Scholarship, Academia De Brera, Milan, PTA, Dip Fine Art, Limerick School of Art and Design.

Publications; Tuxedo Junction, 1960: Gerard Byrne by Lismore Castle Arts, 2010 (interview). Eamon O'Kane, Studio In The Woods: 2004, Campus Galerie Bayreuth, Walter Verling, exhibition catalogue, Pub. Limerick City Gallery of Art by Gandon Ed.

We are delighted to welcome Mr Fitzpatrick to the 3rd Annual Limerick Postgraduate Research Conference.

Discussion panel:

The discussion panel is an opportunity for postgraduate students and attendees to discuss the applicability of postgraduate research and employability after postgraduate education. We have invited experts in academic and professional fields to share their expertise and knowledge.

This year's discussion panel will include:



Dr. Siobhan Moane
Head of Research and Technology Transfer,
Limerick Institute of Technology



Prof. Jim Deegan,
Head of Graduate School,
Mary Immaculate College



Dr. Huw Lewis
Dean of Graduate School,
University of Limerick



Ms Joanne Holland
Careers Officer at *Limerick Institute of Technology*



Dr. Suzanne Guerin
Senior lecturer in research design and analysis,
School of Psychology,
University College Dublin

LPRC Committee Members:

Chair: Gráinne Dwyer, Mary Immaculate College

Co-Chair: Michelle Breathnach, Limerick Institute of Technology

Secretary: Lily Carroll, University of Limerick

Treasurer: Keith Young, University of Limerick

Treasurer: Sandra Ryan, Mary Immaculate College

Budget Analyst: Enda Keenan, Mary Immaculate College

Abstract Moderator: Katrina McPhillips, Limerick Institute of Technology

Abstract Moderator: Vicky Brady, Mary Immaculate College

Art Exhibition Curator: Aoibheann McCarthy, LSAD

Personal Relations Officer: Dr. Peter Downey, Limerick Institute of Technology

Personal Relations Officer: Cillian McHugh, Mary Immaculate College

Personal Relations Officer: Grace McDermott, University of Limerick

Oral presentations:

Session 1 - 11.00 am - 12.50 pm

Session 1.1 - Learning and Education

Room: Millennium theatre

Mark	Kearns	A Risk Worth Taking? A Study of Mature Students Experiences in Two Irish Universities	Trinity College Dublin
Jane	O'Hanlon	Perceptions of learning within the writers in Residence Scheme	St Patrick's College, Drumcondra
Maria	Ryan	Service mathematics and the maths anxious mature student	St Patrick's College, Thurles
Liam	Clohessy	Follow the leader? Promoting Innovation in Primary School Physical Education	Mary Immaculate College
Alfredo	Salomão Filho	The Brazilian Student Community in Dublin: analysis of the impact of migration on the formation and maintenance of social capital	Dublin City University
Buse	Gamze Ustundag	An investigation into the college experiences of Muslim students in an Irish university.	Dublin City University

Session 1.2 Culture & Tourism

Room: 3A01

Gráinne Dwyer	A spatial analysis of community led nature-based tourism initiatives on the Sheep's Head Peninsula, Co. Cork.	Mary Immaculate College
Sharon Kiely	Live the life; and evaluation of Co. Clare's regional destination brand	Limerick Institute of Technology
Marie Taylor	Can heritage tourism be a catalyst for community development in Ireland?	Limerick Institute of Technology
Paul Tarpey	An index for an audience	Limerick Institute of Technology
Phyl Guerin	A drowned world, the Limerick sailors' home	Limerick Institute of Technology

Session 1.3 Gender & Literature

Room: 3A02

Donna Mitchell	Damsels in Distress? The Importance of Illusion to the 'Monstrous Feminine' in Irish Gothic Literature	Mary Immaculate College
Vivien Hennessy	Title: The femme-fatale as proto feminist symbol: Renée Vivien's not so damned women.	Mary Immaculate College
Miriam Walsh	A New Ever After: A deconstructive analysis of the female representations in Confessions of an Ugly Stepsister	Mary Immaculate College
Anne Nash	Representations of Women in the fiction and short fiction of the Irish Writer, William Trevor	Mary Immaculate College

Session 1.4 Gaeilge 11-11.45am

Room: 3A03

Vicky Ní Bhrádaigh	Cathair Chorcaí mar chás-staidéar i leith 'Straitéis 20 Bliain don Ghaeilge 2010- 2030' a chur i bhfeidhm	Mary Immaculate College
Linda Ní Tuathaigh	Úsáid straitéisí Theicneolaíochta na Faisnéise mar spreagadh i rang Gaeilge	Mary Immaculate College
Ciarán Mac Raghnaill	An Cheardaíocht i Saothar Liam Uí Mhuirthile	Mary Immaculate College

Session 1.4 Philosophy & Psychology 11.45am - 12.50pm

Room: 3A03

Cillian McHugh	The nature of category formation	Mary Immaculate College
Paul Bermingham	A Search for the Terrorist Subject in a Domestic Counterterrorism Program: The Suspicious Activity Reporting Initiative	Trinity College Dublin
Gerard Meagher	When the wise man points at the moon, the idiot looks at finger	Mary Immaculate College
Sandra Ryan	Working Title: Considering Beauty and Taste in Kant's Aesthetic.	Mary Immaculate College

Session 1.5 Sustainable Energy

Room: 3A04

Jan Gottsche	Assessing the impact of energy management initiatives on energy use during the construction phase of an educational building project in Ireland.	Galway Mayo Institute of Technology
Brendan Fogarty	Quantifying the effect of the Turlough Hill outage on the single electricity market	Limerick Institute of Technology
Monika Zacharska	Hydrogen production from formic acid on Pd catalysts supported on nitrogen-doped carbons	University of Limerick
Cian Murtagh	Development of mechanical energy transfer interface for commercial wave energy converters (WECs)	Limerick Institute of Technology

Session 1.6 Science and health

Room: 4A01

Shane Kelly	Proteomic analysis of a human lung carcinoma cell line and its subpopulations using quantitative, label free LC-MS	Dublin City University
Rebekah Brennan	'IDUHED': An Ethno Pharmacological Study of the injecting use of Human Enhancement Drugs	Waterford Institute of Technology
Sarah McMahon	Investigation into the Medicinal Bioactive content of Wheatgrass and Barley Shoots	Limerick Institute of Technology
Adam Shinnors	Microgravity induced Phytohormones	Limerick Institute of Technology
Jaswinder Kaur	Mining of fungi found in Irish habitats for pharmaceutically important compounds	Limerick Institute of Technology

Session 2 - 1.45pm. – 3.30 pm

Session 2.1 Biotechnology

Millennium Theatre

Tanja Buch	Application of Design of Experiment for Optimization of a protein recovery process	Dublin City University
Jack Hassett	Genetic Analysis of the Native Irish Honeybee (<i>Apis mellifera mellifera</i>)	Limerick Institute of Technology
Michael Kitching	Applied electrode potential improves particle size distribution of biosynthetic silver nano particles produced in <i>Shewanella sp.</i> Biofilms	Dublin City University
Brian Murphy	Exotic and native fungal endophytes increase yield and control disease in barley	Trinity College Dublin
Mark Anthony Gallagher	Label free mass spectrometry with sub cellular fractionation to identify key proteins involved in temperature shift phenotype of Chinese hamster ovary cells.	Dublin City University
Conan McDonnell	The detection of <i>Hedera helix</i> saponin; Hederacoside C in ivy honey from Ireland by LCMS	Limerick Institute of Technology

Session 2.2 Business and Law

Room: 3A01

Trevor Clohessy	The cloud computing service provider business model perspective: Quo Vadis?	National University of Ireland, Galway
Jamie Meehan	The Role and Effectiveness of the National Franchise Centre (NFC) as a Support Structure to Entrepreneurship in Ireland	Limerick Institute of Technology
Anne Cusack	Business cluster identification and development clarified: Benchmarking the strongest cluster potential in the Limerick Area	Limerick Institute of Technology
Redmond Arigho	The Supremacy of European Union Law: An Inevitable Revolution or Federalism in Action?	Trinity College Dublin
Erin Branigan	Beyond the law, new approaches for privacy	University of Limerick

Session 2.3 Literature and History

Room: 3A02

Jim Clarke	Missionaries to Alien Utopias: Catholicism as Dystopia in Science Fiction	Trinity College Dublin
Janine Hemmerling	The Encoding of Trauma in Jan Costin Wagner's Kimmo Joentaa Novels	Mary Immaculate College
Chris Keniry	The time spent in Jamacia Dr Richard Robert Madden.	Mary Immaculate College
Annarella O'Mahony	Memory and History in Cuba in the work of Amir Valle	University of Limerick

Session 2.4 Societal challenges in contemporary Ireland

Room: 3A03

Rebecca Beegan	Critical communicative methodology: A Methodology to give voice to former prostitutes	Waterford Institute of Technology
Maeve O'Doherty	Constructions of Rape, Sexual Assault, Victim and Perpetrator in Online News Media	Limerick Institute of Technology
Michelle O'Connor	Grandparents raising grandchildren in Ireland 2014: phenomenological consideration of loss and grief experience	Limerick Institute of Technology

Session 2.5 Engineering and IT

Room: 3A04

Sorcha Bennett	The characterisation of TLC Nand flash memory	Limerick Institute of Technology
John Corkish	Evolutionary Bayesian learning for inference structural topology optimisation	Cork Institute of Technology
Eoin Cullina	A design science approach to crowd model creation in information systems research.	National University of Ireland, Galway
Alfie Keary	A case for serious games engineered with affective computing functionality	Cork Institute of Technology

Session 2.6 Literature and Media in Ireland

Room: 4A01

Marian Sheehan	Piseogaí an exploration of the occult in Irish fairy tales	Limerick Institute of Technology
Robert Kiely	Irish Noir: a reflection of contemporary Irish society	Mary Immaculate College
Ciarán Ryan	Fanzines in 21st century DIY music communities	Mary Immaculate College
Daniela Panzera	Butted together; so much rath o'ercame them (Inf. XXXII,1.32-3)	Mary Immaculate College

Poster session – 4.00pm – 5.00pm

Venue: 69 O'Connell Street, Theatre Space

Author of Poster	Poster title	Institute	Poster theme
Maliheh Zafarnezhad	Sourcing the historical lineage of the 17th century paintings at Chihil Sutun in Iran, a gender analysis	University of Limerick	Art and Art history
Giordana Giache	Limerick lace, an investigation of the process and structures of Limerick lace in relation to spaces and communities	Limerick Institute of Technology	Art and Art history
Sian McInerney	The economic impact of festivals and events during the Limerick city of culture	Limerick Institute of Technology	Business and tourism
Emma Daniels	Influence of pore size in amine modified mesoporous supports when used as CO ₂ absorbents	University of Limerick	Chemical and Environmental Science
Susan Byrne	Appraisal and Policy Evaluation of the Sustainability of an Irish Rural Community using SEMPRe as a Metric	University of Limerick	Chemical and Environmental Science
Roger Sweetman	A complex adaptive systems perspective on information systems project portfolio management	National University of Ireland, Galway	Information Systems
John Corkish	Bayesian Probabilistic Modelling for Effective Maritime Security and SAR Deployments	Cork Institute of Technology	IT and Situational awareness
Mansour Alammar	The effectiveness of work group vs. Individual use of monolingual dictionary in class to re-write passages: A case study to compare work group vs. Individual work in improving essay writing.	University of Limerick	Education and learning
Beth Cooney	Professional learning and Irish post-primary teachers: what does current evidence say about how teachers learn?	University of Limerick	Education and learning

Christina Jacqueline Hayes	Special Educational Needs- Autistic Spectrum Disorders	St Angelas Sligo	Education and learning
Fiona Whelan-Ryan	'Evaluating Student Experiences & Perceptions of Progress'	Waterford Institute of Technology/ University of Limerick	Education and learning
Suzanne O' Keeffe	'The question of gender is often lost' (Weiler Middleton, 1999, x)	Mary Immaculate College	Education and learning
Kyla Piper	Conceptualising Irishness, perspectives from Ireland's primary education sector	University of Limerick	Education and learning
Reginald Navarro	The design and manufacture of an automated test bed for anti-reflective glass treatment process	Limerick Institute of Technology	Mechanical Engineering
Meave Broderick	A review of Irish Consumer Food Studies to generate a profile of the Average Irish Consumer.	Limerick Institute of Technology	Health Science
Diane O'Doherty	An exploration of tobacco control measures in Ireland	Limerick Institute of Technology	Health Science
Ann-Marie Brosnan	Rev. Willis L. Miller: Slaveholder, Confederate Veteran and Freedmen's Teacher in North Carolina, 1867-1869.	Mary Immaculate College	History
Martin John McAndrew	Judges robes in the Irish free state, and why they matter.	Trinity College Dublin	Legal History
Caroline Botha	Anti MRSA activity in a red seaweed extract	Waterford Institute of Technology	Applied sciences and Biotechnology
Triona Dooley-Cullinane	Production of enantiopure pharmaceutical intermediates via biocatalysts with nitrile degrading microorganisms	Waterford Institute of Technology	Applied sciences and Biotechnology

Martin Hayes	“Mushrooms and Fungi, Functional and Life Enhancing Reservoirs (MuFFLER)”	Limerick Institute of Technology	Applied sciences and Biotechnology
Rachel Moran	The relationship between dietary intake of Lutein (L) and Zeaxanthin (Z) and their concentrations in serum: Introduction of a novel dietary screener	Waterford Institute of Technology	Applied sciences and Biotechnology

LSAD art exhibition:

This year we are delighted to host art exhibitions from postgraduate students and researchers from the Limerick School of Art and Design in Limerick Institute of Technology. The exhibition will be curated by Aoibheann McCarthy.

The exhibition includes work from:

- Paul Tarpey
- Phyl Guerin
- Marian Sheehan
- Giordana Giache

The LSAD exhibition will be presented in 69 O’Connell St (Former Belltable)

Acknowledgements

On behalf of the conference committee, we would like to extend our thanks to you, the attendees and delegates, for your time and participation, ensuring the success of our conference.

Firstly, would like to acknowledge funding from Ulster Bank.

To Mr Fitzpatrick and our panel of experts, your advice and expertise is greatly appreciated. It has been a pleasure working with you through the organisation of the conference and hope that you have enjoyed this event. We would like to thank staff at Limerick Institute of Technology, Courtbrack Accommodation, The Lime Tree Theatre, and Mr David Cuddihy for his support and expertise. We would like to acknowledge the support and work of Brian Kirby and Mary Immaculate College maintenance team.

We would also like to thank everyone that helped organising the conference over the last few months. Your assistance ensured the success of this year's event.

We look forward to seeing you at LPRC 2014!

Kindest regards,

Gráinne Dwyer

Gráinne Dwyer (MIC)
LPRC Co-Chairperson

Michelle Breathnach

Michelle Breathnach (LIT)
LPRC Co-Chairperson

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