

Festival of PhD Research

Celebrating and Showcasing Excellence



Doctoral College

Friday 13 May 2022

Belfast campus (BD-01-14 & BD-01-16)

PROGRAMME OVERVIEW

8.45am	Arrival & Registration <i>Tea/Coffee on arrival outside BD-01-14 (first floor)</i>	
9.15am	Welcome & Official Opening of Festival for PhD Research 2022 Professor Marie Murphy Dean of Postgraduate Research and Director of Doctoral College BD-01-14	
9.30am	Morning Keynote Dr Donna Peach, Salford University & PhD Forum BD-01-14	
10.15am	Session 1a: PhD Researcher Presentations (AHSS) Chair: Nicole Marinaro BD-01-14	Session 1b: PhD Researcher Presentations (CEBE) Chair: Stefan O'Hare BD-01-16
11.15am	<i>Coffee Break</i>	
11.30am	Session 2a: PhD Researcher Presentations (AHSS) Chair: Leah Rea BD-01-14	Session 2b: PhD Researcher Presentations (CEBE) Chair: Dr Joanna Ward BD-01-16
12.30pm	Session 3: PhD Researcher Presentations (AHSS) Chair: Deborah White BD-01-014	
1.00pm	<i>Lunch</i> Session 4: Poster Presentations 1.00pm-1.35pm. Chair: Maciej Hyzy Bake Your PhD competition BD-00-011 (Ground Floor)	
2.00pm	Afternoon Keynote Dr Karen Weekes BD-01-014	
2.40pm	3MT® Semi-Final BD-01-014	
3.40pm	Session 5a: PhD Researcher Presentations (UUBS) Chair: Dr Omar El Masri <i>Coffee/Tea available</i> BD-01-14	Session 5b: PhD Researcher Presentations (LHS) Chair: Dr Medbh Hillyard <i>Coffee/tea available</i> BD-01-16
4.40pm	Closing Remarks Professor Marie Murphy BD-01-014	
4.45pm	Social Event: Street Art Tour, Belfast City Centre Dr Omar El Masri, Ulster PhD Alumni	
6.00pm	Closing Festival Event: Networking for PhD Researchers PhD Researchers and Graduates With Pizza and Drinks, The Academy Restaurant	

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FULL PROGRAMME

8.45am **Arrival and Registration**

9.15am **Welcome and Official Opening of Festival at Belfast**
 Professor Marie Murphy
 Dean of Postgraduate Research and Director of Doctoral College

9.30am **Morning Keynote**
 Dr Donna Peach, University of Salford & PhDForum

Donna has worked in social work since 1985 and her profession's values underpin her teaching, research, consultancy, and activism. As a critical social psychologist, Donna values the use of knowledge to interrogate issues of social injustice and supports the development of and access to anti-oppressive education. Her experience both of disadvantage and privilege helps ensure the community of PhDForum is co-produced by those who develop a sense of belonging to it, and each other.

10.15am **SESSION 1 – PhD Researcher Presentations**
Chairs: Nicole Marinaro and Stefan O'Hare

SESSION 1A	SESSION 1B
<i>Faculty of Arts, Humanities and Social Sciences</i> BD-01-014 Chair: Nicole Marinaro	<i>Faculty of Computing, Engineering and Built Environment</i> BD-01-16 Chair: Stefan O'Hare
Philip Arneill I Am Where I'm Not: Fading Orange Landscapes	Robert Bray Current research challenges for scalability of enclosure fires in bench scale experimental apparatus
Kevin Miller Tabernacles in the wilderness – Ulster's mission halls	Robyn Macartney The Role of Advanced Glycation End Products in Orthopedic Implant Failure in Diabetes – An In Vitro Study
Micheal Hearty Victims and Perpetrators Within a Narrative: Primary, Secondary, and Tertiary Categorisation	Aoife McFerran Multi-functional layered nanocomposite coatings for bioactive tissue scaffold development
Leah Rea Devolved Compliance Under Review: Assessing the record of language rights	Tahereh Shah Mansouri

under Northern Ireland devolved institutions using the reports of international human rights monitoring bodies	Methane detection to 1 ppm using machine learning analysis of atmospheric pressure plasma optical emission spectra
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11.00am Coffee Break (first floor, outside BD-01-06)

11.30am SESSION 2: PhD Researcher Presentations (parallel sessions)

SESSION 2A	SESSION 2B
<i>Faculty of Arts, Humanities and Social Sciences</i> BD-01-014 Chair: Leah Rea	<i>Faculty of Computing, Engineering and Built Environment</i> BD-01-016 Chair: Dr Joanna Ward
Susan Hughes Practice without policy? Rolling out self-directed support in adult social care in NI	Fayas Asharindavida Application of Artificial Intelligence for enabling consumers to fight against food fraud
Nicole Marinaro Communication in the public sector and linguistic justice: overcoming language barriers in public healthcare	Gillian Cameron Digitalising Employee Assistance Programmes - Evaluating the effectiveness and efficacy of digital mental health interventions in the workplace
Paul O'Hagan My Name is Nobody: No Credit, No Copyright - Alienated Attribution	Philip Donaghy Voice biomarkers for mental health conditions
Kellie Turtle Liberal religious perspectives on abortion: Breaking binaries in abortion discourse	Maciej Hyzy Digital Health Apps: Quality Assessment

12.30pm SESSION 3: PhD Researcher Presentations

<i>Faculty of Arts, Humanities and Social Sciences</i> Chair: Deborah White
Janet Coulter Invisible Touch to wellbeing: Discreet self-management of female student stress through electronic textiles
Beverley Irving-Edwards Illustration, Clay and the Museum: Two case studies exploring women's body image

1.00pm *Lunch Break*
Including Session 4: Poster Presentations and Bake Your PhD competition

1.10pm SESSION 4: Posters with Presentations
Chair: Maciej Hyzy, PhD Researcher

Poster Presentations will take place on the ground floor, during the lunch break. PhD Researchers will have 5 minutes to talk about their poster.

<p>Roua Al Taweel Narratives of Transformative Gender Justice: The Interplay of Syrian Nationality Laws and Forced Displacement</p>
<p>Josie Scott Survivors of Domestic Abuse and the Courts in Northern Ireland: The gap between expectation and reality.</p>
<p>Aloshy Baby Phosphorus-Nitrogen Synergism in Fire Retarding Styrenic Polymers</p>
<p>Kirsty Muldoon Engineering of 3D Printed Biodegradable Drug Delivery Scaffolds with Magnetic Nanoparticles for CT Scanning</p>
<p>Mohammad Saedi Using Machine Learning to Identify Rogue Base Stations in a 5G Platooning Scenario</p>
<p>Rahul Velanparambil Ravindran Small-scale Reversible Heat Pump – Organic Rankine Cycle for industrial waste heat recovery</p>
<p>Erin McEvoy A qualitative exploration of the impacts of gambling marketing on a woman’s journey through gambling and into recovery.</p>

2.00pm Afternoon Keynote
Dr Karen Weekes

2.40pm 3MT® Semi-Final
Aloshy Baby, Sarah Cameron, Isaac Krofa and Clare Rhine

3MT® Presentation by Janet Coulter

3.40pm SESSION 5: PhD Researcher Presentations

SESSION 5A	SESSION 5B
<p><i>Ulster University Business School</i> BD-01-014 Chair: Dr Omar El Masri</p>	<p><i>Faculty of Life and Health Sciences</i> BD-01-016 Chair: Dr Medbh Hillyard</p>
<p>Daniel Hsiang Hsu Tech-Up & Shake-Up: Embracing Digital for Small Hospitality Firms to Combat the COVID-19 Pandemic</p>	<p>Elizabeth Cowdean Pivot Pivot Pivot – PhD research focused on LGBTQIA+ creative professionals during a pandemic</p>
<p>Isaac Krofa Faces Behind Figures (FBF)</p>	<p>Rachel Creighton Group-based physical activity interventions targeting enjoyment in older adults: a systematic review</p>
<p>Rachael Singleton</p>	<p>Paula Miller</p>

Why do we litter the places we love? Putting the beach user at the centre of policy and intervention design	Early psychological interventions for prevention and treatment of post traumatic stress disorder and stress symptoms in post partum women
Man-Chie Tse Exploring The Communication And Exchange Analysis Of Knowledge Flows Within The Healthcare Public Services: Through a Socio-Cognitive Analysis Lens	Fiona Quigley User-centred design of a virtual simulator to facilitate weight-related healthcare communication training: feasibility study

4.40pm Closing Remarks

Professor Marie Murphy, Dean of Postgraduate Research

4.45pm Social Event: Street Art Tour, Belfast City Centre

Dr Omar El Masri, Ulster PhD Alumni

6.00pm Closing Festival Event: Networking for PhD Researchers

PhD Researchers and Graduates

With Refreshments

POSTERS

The posters listed below are 'static' posters with no formal presentation scheduled. They will be displayed for viewing throughout the day.

Marianna Espinos Blasco Seeing Gender and Sexuality in Peace and Security The politics of (in)visibility in the Women, Peace and Security agenda.
Gerard Gibson Space, Place and the Material in Cinematic Horror
Helen Johnston Through the eye of a needle
Jennifer Mehigan "Zombies, Ghosts and Dirt": Queering the Irish Graveyard
Laura Sirabella Translating sustainable development goals to address poor reproductive health: exploring the role of civil society organisations
Alice Tennant Designing future interfaces for sensory preparedness in daily-living: Engaging autistic users
Claire Thompson Re-framing Troubles Art from a new perspective
Callum Montgomery Advancing composite preforming technologies for complex loaded maritime structures
Ajay Muraleedharan Nair Techno economic analysis of a PCM TES integrated heat pump system for domestic heating application
Sara Nasr

Development of Bioinspired Antifouling Strategies for Composite Based Hydrofoils
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Anousheh Ramezani

Novel Adaptive Machine Learning with Response to Changes Over Time
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Gerard Obasi

Experimental study on PV cell cooling with a phase change material composite
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