



**RISING
TO THE
FUTURE**
UCD Strategy 2020-2024

Ad Astra Showcase

An interdisciplinary showcase of University research from Ad Astra fellows and their PhD students

Friday 17 November

10.00 – 1.00

@ UCD Research Building

Open to all

No Registration Needed

10.00 Coffee

10.15 **Opening**
- Prof Niamh Moore-Cherry, Interim College Principal CSSL

10.30 **Ad Astra Presentations**

11.30 **Networking Event**

12.00 **Research Funding Selection Lunch** for Ad Astra Fellows
- Dr Fiona Freeman, Mechanical & Materials Engineering
- Assoc Prof Rory Johnson, Biology & Environmental Science
- Assoc Prof Jennifer Keating, History
- Prof Cormac Taylor, Medicine
- Máire Coyle, UCD Research & Innovation

All Welcome

Organizing Committee

Dr Jeremy Auerbach
Geography

Dr Ernesto Vasquez del Aguila
Soc Pol, Soc Wrk & Soc Justice

Dr Jess Beck
Archaeology

Dr Olga Ioannidou
Education

Dr Sonya Deschenes Psychology	PATH Lab research - psychosocial approaches to health
Hannah Brown PhD Student	Enhanced hepatitis E virus infection and replication in polarised cell models
Dr Jess Beck Archaeology	Social Change and Skeletons: How the Past is Written in Our Bones
Dr Monica de Gaetano Biomolecular & Biomed Science	New Year's "Resolution": Novel Perspectives in the Treatment and Prevention of Atherosclerosis by Resolving Low-Grade Inflammation
Dr Anita Radini Archaeology	Dirty Teeth and the Human Past
Dr Veronica Sofianos Chem & Bioprocess Engineering	Green hydrogen production from just water
Pepa Mellema PhD Student	Why are slurs so offensive?
Braden Millar Biomolecular & Biomed Science	Finely modulating the human macrophage phenotype: A rationale for a pro-resolving approach combined with gold-standard therapy in atherosclerosis
Harriet Idle English, Drama & Film	Close Encounters: Urban Space and the Global Romantic Comedy
Dr Patrick Brodie Information & Comms Studies	Digital Infrastructures and Environmental Futures
Dr Fiona Freeman Mechanical & Materials Eng	Utilising novel engineering techniques to understand and develop new therapeutics to understand and treat osteosarcoma
Clare Reynolds Public Hlth, Phys & Sports Sci	Sweet child o' mine - Impact of paternal sweetener consumption on male reproductive capacity
Dr Martha Shearer English, Drama & Film	Hollywood Land: Cinema, Television, Real Estate
Dr Myrto Manolaki Mathematics & Statistics	Holomorphic functions with chaotic behaviour
Shalitha Wijethilaka PhD Student	Privacy-preserving federated learning on multi-operator environment
Dr Caitriona Dowd Politics & Int Relations	Gendered Dimensions of Hunger in Peacebuilding (successful IRC-funded project)
Theresa Schilling PhD Student	Queer Relationships and Masculinities: Friendship, Intimacy and Community Among Young Queer People in Ireland
Dr Jeremy Auerbach Geography	Dublin by Deliveroo
Leanna First-Arai Geography	Towards just sustainabilities in the post-motorway metropolis
Rehan Anwar PhD Student	Exploring the Influence of Ca ₂ Fe ₂ O ₅ Additives on Thermochemical Energy Storage Capacity of Waste Limestone
Alessandra Accogli Law	Legal protection of carbon sinks in the fight against climate change: interactions between ecosystem protection and human rights through the case of peatlands in Ireland
Amy McNerney PhD Student	Dynamic Approaches to Understanding the Role of Health Behaviours in the development of Mental Health Comorbidities in Diabetes
Dr Ernesto Vasquez del Aguila Soc Pol, Soc Wrk & Soc Justice	Venezuelan Migrants in Peru: power, masculinities and intersectionalities
Dr Olga Ioannidou Education	Addressing educational disadvantage through innovative interventions