

ANNUAL RETREAT

IRISH CLINICAL ACADEMIC TRAINING (ICAT) PROGRAMME



30 NOV - 01 DEC
2023



@ICATProgramme

#ICATRetreat23

www.icatprogramme.org

Grand Hotel Malahide, Dublin, K36XT65



09:30 COFFEE ON ARRIVAL

10:00-11:30 SESSION 1

Chaired by Professor Deirdre Murray, University College Cork

10:00 Welcome

10:10 Pre-PhD ICAT Fellows - *PhD research plans*

Dr Louise Kelly, Dr Lisa Kiely, Dr Vincent Healy, Dr Alison Lee, Dr Nicola Raftery, Dr Eithne Nic an Ríogh, Dr Sophie Duignan, Dr Catherine Duane [5min talks + 5min Q&A]

11:30 REFRESHMENT BREAK

12:00-13:00 SESSION 2

12:00 Research blitz 1

Chaired by Dr Richard Turkington, Queen's University Belfast

Dr Leanne Cussen, Dr Michael Corr, Dr James Curneen, Dr Michael Gilligan, Dr Bethany Wong, Dr Kiran Reddy
[3min talks + Q&A]

12:00 Parallel session

Mentoring for pre-PhD fellows in the adjacent boardroom.

Facilitated by Professor Deirdre Murray and Professor Padraic Fallon

13:00 LUNCH

Coast Restaurant

14:00-15:20 SESSION 3

Chaired by Dr Áine Merwick, University College Cork

14:00 Dr Nikita Burke, University of Galway

Evidence Synthesis Ireland fellowships

14:20 Small group research discussions

Bring your questions and share your experience with your peers.

Feedback on the fellow talks is welcomed and will be shared with the fellows after the Retreat.



Please use the QR code to access an online feedback form.

15:20 REFRESHMENT BREAK

15:50-17:30 SESSION 4

15:50 Research blitz 2

Chaired by Professor Carmel Mooney, UCD

Dr Laura Graham, Dr Louise Rabbitt, Dr Rachel MacCann, Dr Georgia Richard, Dr Ellen Walsh
[3min talks + Q&A]

Parallel session

Mentoring for ICAT alumni and final year fellows in the adjacent boardroom.

Facilitated by Professor Bernadette McGuinness, Professor Conall Denny and Dr Richard Turkington

16:50 One-to-one meetings

Schedule individual meetings with your mentor, your supervisors and members of the ICAT executive team.

17:30 RECEPTION AND NETWORKING

Group photos will be taken during this session

09:00-10:00 SESSION 1

09.00 Final year ICAT Fellows

Chaired by Professor Siobhan Glavey, RCSI University of Medicine and Health Sciences

*Dr Brendan Kelly, Dr Claire Potter, Dr Sarah Kelliher,
Dr Dearbhla Doherty* [5min talks + 5min Q&A]

Feedback on the fellow talks is welcomed and will be shared with the fellows after the Retreat.



Please use the QR code to access an online feedback form.

10:00 REFRESHMENT BREAK

10:20-12:00 SESSION 2

10:20 Panel Discussion - Developing a clinical academic career

Panel Members

Professor Eileen Parkes, University of Oxford
Dr Conor Judge, University of Galway
Professor Emma Wallace, University College Cork

Facilitated by

Professor Bernadette McGuinness, Queen's University Belfast
Professor Conall Denny, University of Galway
Professor Michael O'Reilly, RCSI University of Medicine and Health Sciences

11:10 Professor Paul Hurley, Western Sydney University

AI and Imaging Science for Medicine: Towards explainable diagnosis

12:00 REFRESHMENT BREAK

12:40-14:25 SESSION 3

Chaired by Professor Padraic Fallon, Trinity College Dublin

12:40 Sarah Bowman, Blue Zones

How to maximise your research impact

13:25 Research Blitz 3

Dr Brian Woods, Dr Clodagh McDermott, Dr Tim O'Brien, Dr Maria Tomkins, Dr Catriona Reddin
[3min talks + Q&A]

14:25 PRIZES

Prize giving for the best Fellow talks

Speakers

Listed in alphabetical order

Sarah Bowman

Blue Zones



Sarah Bowman has twenty years of experience as a public engagement and impact specialist, guiding teams and ensuring programme work plans and products achieved desired outcomes. Sarah is co-author of the Engaged Research Report: Society & Higher Education Working Together to Address Grand Societal Challenges and co-creator of the Engaged Research Framework and Planning for Impact Framework with Campus Engage. She also co-authored the 2022 Researcher Impact Framework, translated to English, Portuguese and French. Working with more than 1,300 communities, Sarah has managed a wide range of community engagement and research impact projects ranging from single-day workshops to multi-year research, planning, implementation and assessment efforts. In October, Sarah joined Blue Zones to serve as their Vice President of Policy Operations and Development. This is very much around how our policies impact health and well-being outcomes.

Dr Nikita Burke

Evidence Synthesis Ireland



Dr. Nikita Burke is the Programme Manager for Evidence Synthesis Ireland and Associate Director for Cochrane Ireland. Dr Burke manages an initiative that has built capacity through more than 100 events to >11,000 people, 79 Fellowships, 11 summer scholarships, and published 17 Cochrane reviews and 3 reports for the World Health Organisation. ESI's work has influenced policy and practice in Ireland and internationally, including Irish Government policy and WHO guidelines. Nikita is passionate about building evidence synthesis knowledge, awareness and capacity, to support the impact of evidence synthesis on decision-making. With a profound understanding of the importance of reliable research, she drives the success and quality of a world class evidence synthesis centre at the University of Galway. Nikita's journey in evidence synthesis began with a decade in preclinical research, earning her a Ph.D. in Neuroscience at the University of Galway. Her curiosity and commitment to knowledge translation inspired her to bridge the gap between lab-based inquiry and real-world applications of research. Beyond her managerial expertise, Nikita has experience in public involvement and engagement.

Professor Paul Hurley

Western Sydney University



Paul is the Professor of Data Science at the Centre for Research in Mathematics and Data Science at Western Sydney University (WSU), as well as the Research Director of WSU's International Centre for Neuromorphic Systems. Before moving to Australia, Paul was a technical lead and senior research scientist at IBM Research in Zurich, Switzerland. He holds a PhD from EPFL in Lausanne, Switzerland, and is a graduate of the University of Galway. He specialises in imaging science and signal processing, with applications as diverse as ultrasound, radio astronomy, ECG and local gravity measurement.

Speakers

Listed in alphabetical order

Dr Conor Judge University of Galway



Dr Conor Judge is a ICAT alumni, Consultant Nephrologist, Electronic and Computer Engineer, PhD in Epidemiology and Biostatistics, and Senior Lecturer in Applied Clinical Data Analytics at the University of Galway. His primary focus is applying Artificial Intelligence (AI) solutions to enhance patient care, particularly in the realm of chronic conditions like hypertension. He leads the development of an AI Clinical Decision Support System (AI-CDSS) for Hypertension management at the College of Medicine, Nursing and Health Sciences, University of Galway. This project uses data from randomised controlled trials to predict complex treatment decisions for persons with hypertension and is a testament to his commitment to pushing the boundaries of what's possible with AI in healthcare.

Dr Judge's experience extends beyond research. He is a clinical mentor with the Bioinnovate programme in Galway, and has interacted with multiple companies for needs validation. He has worked on three separate inventions and one patent application.

Dr Judge has received several awards in recognition of his research including The HRB's Clinician Scientist Fellowship 2023, the Cleveland Clinic Award in 2020, an Irish Canada University Foundation Scholarship, and the Wellcome Trust HRB Irish Clinical Academic Training (ICAT) PhD Fellowship (Adaptive Clinical Trials). He also has received research funding from SFI (Future Innovator), HRB (Secondary Data Analysis Project) and the Department of Public Expenditure (Public Service Innovation Fund for AI Natural Language Processing).

Professor Eileen Parkes University of Oxford



Eileen Parkes is Associate Professor at the University of Oxford, Medical Oncologist, Wellcome Trust Clinical Career Development Fellow and lead for the Oxford Experimental Cancer Medicine Centre. She studied Medicine at Queens University Belfast, graduating with honours in 2005. During her PhD studies at Queens University Belfast, Professor Parkes was the first to describe constitutive innate immune signalling in BRCA1/2 mutant cancers activating cGAS-STING signalling. Her work on ENPP1 and chromosomal instability identified a novel mechanism whereby cGAS-cGAMP-STING signalling can be subverted to result in tumour-mediated immunosuppression. She is an international expert on cGAS-STING signalling in cancer and the impact of this signalling on the tumour microenvironment. Currently she leads a translational research group in the Oxford Centre for Immuno-Oncology as well as leading a number of early phase trials targeting innate immune pathways in cancer.

Professor Emma Wallace University College Cork



Prof Emma Wallace is a GP in north Cork city and Chair of General Practice in University College Cork. She previously held positions as Associate Professor and Senior Lecturer in General Practice in RCSI Dublin and worked for many years as a GP in Coolock, North Dublin.

Her research focuses on optimising prescribing for people with multimorbidity and ways of predicting risk of adverse health outcomes and emergency admissions. She is currently Principal Investigator on a HRB Emerging Clinician Scientist Award examining problematic polypharmacy in older people and a HRB Applied Partnership Award examining the development and dissemination of evidence updates for GPs.

Emma is a fellow of the University of Oxford International Primary Care Research Leadership Programme, an Associate Director of the Irish Clinical Academic Training PhD programme, Chair of the Irish College of General Practitioners (ICGP) Quality and Safety in Practice committee and a Scientific Advisory Board member for TILDA and the HRB Primary Care Clinical Trials Network. She was the first Irish GP to be awarded the Yvonne Carter Outstanding New Researcher award by the UK Society of Academic Primary Care in 2019 and has won several national research awards.

Emma graduated with an honours degree in Medicine from University College Dublin and completed her specialist GP training and obtained her membership of the ICGP in Dublin. Her HRB-funded PhD was a prospective cohort study examining predictors of adverse health outcomes in older people attending general practice.