



APPOINTMENT OF ICAT FELLOWS

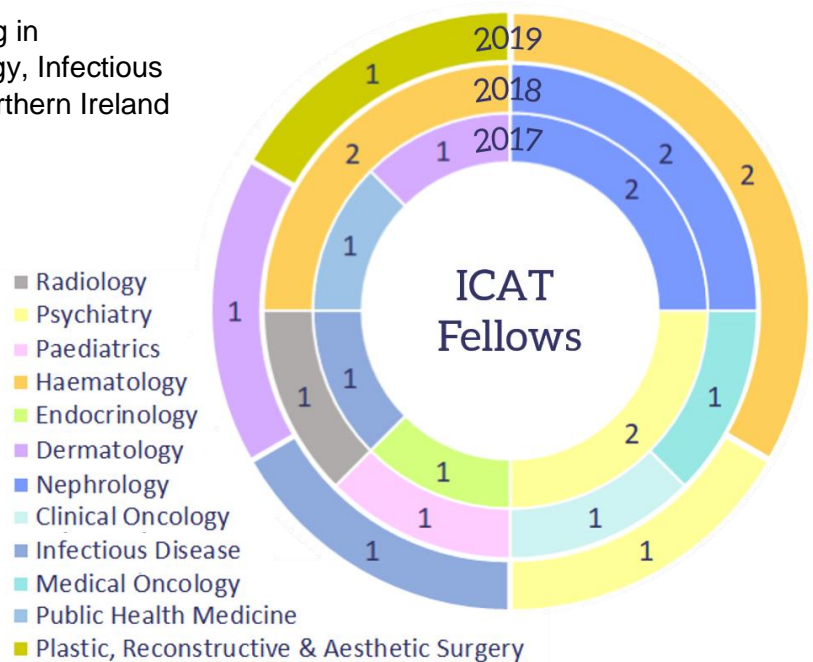
The third cohort of ICAT Fellows will be appointed to the programme in July 2019. The successful applicants impressed the international peer reviewers and interview panel with their research and clinical experience and ambitions.

The six new ICAT Fellows are currently training in Haematology (x2), Plastic Surgery, Dermatology, Infectious Diseases and Psychiatry, and are based in Northern Ireland (x2) and the Republic of Ireland (x4).

The Fellows will be appointed to UCC, TCD, UCD, QUB (x2) and RCSI, and will spend the first year of ICAT developing their PhD project proposals and honing their research skills.

The new ICAT Fellows will be officially welcomed to ICAT at the annual Induction Event in July 2019.

Graph (right): Clinical specialties represented by ICAT Fellows appointed to Cohort 1 (2017), Cohort 2 (2018) and Cohort 3 (2019).



ICAT FELLOW COMPETING FOR €1M INNOVATOR PRIZE

ICAT Fellow Dr Conor Judge (NUIG) is part of a multidisciplinary team competing for the SFI Future Innovator Prize, concentrating on the challenge area: Reducing the Burden of Chronic Pain. Their project, *A novel hydrogel to address chronic pain in Irish patients*, has progressed through the first two competitive phases: Concept (12 teams receive €20k funding) and Seed (five teams receive €200k funding) and they are now competing for the €1 million prize to deploy their solution for chronic neuropathic pain.

The multidisciplinary team consists of Dr Alison Liddy (Biomedical Engineering and Chemistry, NUIG); Dr Martin O'Halloran (Electronic Engineering and Clinical Research, NUIG); Dr Chris Maharaj (Consultant Anaesthetist & Pain Specialist, University Hospital Galway); Dr Barry McDermott (Pharmacist, Veterinarian and Medical Device Engineer) and Dr Conor Judge (ICAT Fellow, Engineer and Nephrology Specialist Registrar). The winning team will be announced in December 2019.

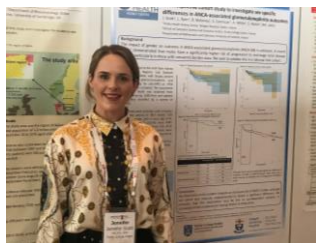
ICAT FELLOW NEWS

- Liam Martin (Cohort 2) presented data from his ICAT mini-project at the Irish Nephrology Society meeting on 12 April 2019 and won a prize for delivering the best basic science oral presentation. The talk was entitled: 'Urinary NGAL Excretion Increases in Tandem with Reductions in Albuminuria Following Roux-en-Y Gastric Bypass Surgery for Diabetic Kidney Disease'.



- Sarah Cormican (Cohort 1) was awarded best poster presentation at the Irish Nephrology Society annual meeting, 2019 for her moderated poster 'Urinary Detection of MUC1fs Protein Reclassifies Irish Patients Previously Diagnosed with ADTKD-NOS'.

- Jennifer Scott (Cohort 2, right) gave a poster presentation at the International Vasculitis conference in Philadelphia, USA and delivered an oral presentation at the European Vasculitis Society meeting in London in December 2018 (both titled 'A retrospective cohort study to investigate the sex specific differences in ANCA-associated glomerulonephritis outcomes').



- David Mongan (Cohort 1) gave a talk titled 'Investigating proteomic biomarkers in psychosis' at the College of Psychiatrists' Spring Conference on 4 April 2019.

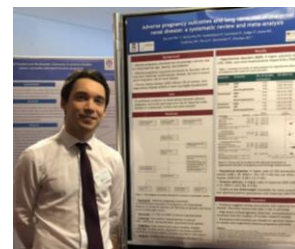
- David Mongan (Cohort 1, right) presented a poster at the British Neuroscience Association Festival of Neuroscience on 14 April titled 'Complement system proteins in psychosis: a systematic review protocol'.



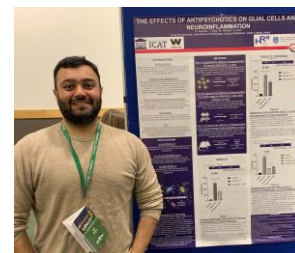
- Conor Judge (Cohort 1) presented three posters at the Irish Nephrology Society annual meeting, titled 'Renal Impairment Modifies the Association

Between Sodium Intake and Risk of Stroke – An Analysis of INTERSTROKE'; Audit of 'Access to Renal Transplantation – Galway University Hospital'; 'Audit of Haemodialysis Access – Galway University Hospital'.

- Peter Barrett (Cohort 1, right) presented a poster at the Irish Nephrology Society annual meeting 2019 titled 'Adverse pregnancy outcomes and long-term risk of maternal renal disease: a systematic review and meta-analysis'.

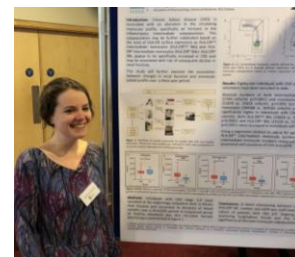


- Kapil Sharma (Cohort 1, right) presented a poster at the British Neuroscience Association Festival of Neuroscience 2019 held in Dublin on 14 April 2019 titled 'The Effects of Antipsychotics on Glial Cells and Neuroinflammation'.

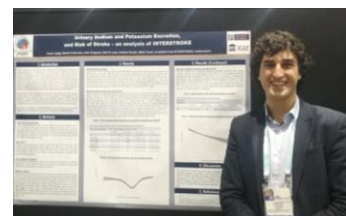


- Delia Bogdanet (Cohort 1) presented a poster at the LabCon Ireland conference, April 2019, titled 'Reproducibility of the Oral Glucose Tolerance Test: Time for Improvement?'.

- Sarah Cormican (Cohort 1, right) presented a poster titled 'Intermediate Monocyte Subpopulations in the Progression of Chronic Kidney Disease: Baseline Results of a Longitudinal Cohort Study' at the Irish Nephrology Society annual meeting 2019, showcasing her PhD project baseline data.

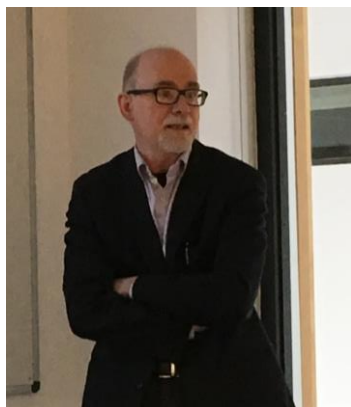


- Conor Judge (Cohort 1, right) presented a poster titled 'Urinary Sodium and Potassium Excretion, and Risk of Stroke – an analysis of INTERSTROKE' at the American Society of Nephrology Kidney Week 2019 in Washington DC, USA.



ICAT STUDY DAYS - UCC AND TCD

The ICAT Study Day in UCC in January 2019 included a workshop on health, wellbeing and resilience for clinicians, presented by Dr Margaret O'Rourke, UCC. Prof. Matt Griffin (right), NUIG gave the Fellows an insight into the review of journal publications by editorial teams, and presentation skills training was delivered by Dr Marc O'Sullivan, UCC. Dr Fergus McCarthy, UCC spoke about his experiences within a structured PhD programme (the MMI Clinician Scientist



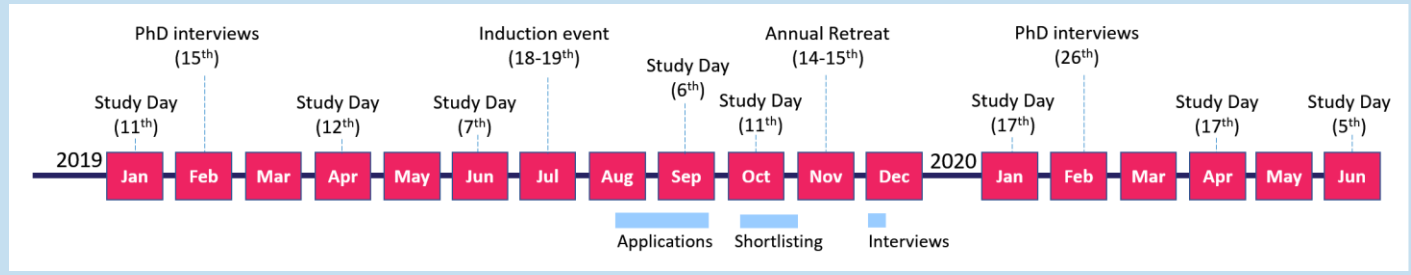
Fellowship Programme) and subsequent career development in academic medicine.

The TCD ICAT Study Day held on 12 April 2019 focused on the links between media and academia. Prof. Brendan Kelly, TCD, was invited to speak about the various forms of media and his experiences in disseminating his research; Dr Cathal McCrory, TCD, presented data on the links between socioeconomic position and health. Prof. Valerie Smith, TCD, described systematic reviews and qualitative research and Caoimhe Ni Lochlainn, TCD, discussed how scientists and clinicians should interact with the media. Several incoming ICAT Fellows were able to attend the event and meet the current Fellows.

RECENT PUBLICATIONS

- Adverse pregnancy outcomes and long-term risk of maternal renal disease: a systematic review and meta-analysis protocol, [Barrett PM](#), McCarthy FP, Kublickiene K, Evans M, [Cormican S](#), [Judge C](#), Perry IJ, Kublickas M, Stenvinkel P, Khashan AS. *BMJ Open* 2019; **9**: e027180. doi:10.1136/bmjopen-2018-027180.
- Metabolic follow-up at one year and beyond of women with gestational diabetes treated with insulin and/or oral hypoglycaemic agents: study protocol for the identification of a core outcomes set using a Delphi survey, [Bogdanet D](#), Egan A, Fhelelboom N, Biesty L, Thangaratinam S, Dempsey E, Crowther C, Devane D, Dunne F. *Trials* 2019; **20**:9 <https://doi.org/10.1186/s13063-018-3059-8>.
- Radiation oncology: a clinical update from The North West Cancer Centre, [Walls GM](#), Lyons C, Jellett LJ, Evans R, Bedair A, Brady D, McLaughlin LM, Reilly E, Reilly A, McAleer JJ, Stewart DP. *Ulster Med J* 2019 May; **88**(2): 91–97.
- Gestational Diabetes – an Update, [D Bogdanet](#), F Dunne. *Nursing in General Practice*, March 2019.
- Lipid Lowering Therapy, Low-Density Lipoprotein Level and Risk of Intracerebral Hemorrhage - A Meta-Analysis, [Judge C](#), Ruttledge S, Costello M, Murphy R, Loughlin E, Alvarez-Iglesias A, Ferguson J, Gorey S, Nolan A, Canavan M, O'Halloran M, O'Donnell MJJ. *Stroke Cerebrovasc Dis.* 2019 Mar 13. pii: S1052-3057(19)30062-X. doi: 10.1016/j.jstrokecerebrovasdis.2019.02.018.
- Inadequate assessment of adherence to maintenance medication leads to loss of power and increased costs in trials of severe asthma therapy. Results from a systematic literature review and modelling study, Mokoka MC, McDonnell MJ, MacHale E, Cushen B, Boland F, [Cormican S](#), Doherty C, Doyle F, Costello RW, Greene G. *Eur Respir J.* 2019 Mar. doi:10.1183/13993003.02161-2018. PMID: 30846467.
- Rates of abnormal aldosterone/renin ratio in African-origin compared to European-origin patients: A retrospective study, Ahmed KS, [Bogdanet D](#), Abadi S, Dineen R, Boran G, Woods CP, Behan LA, Sherlock M, Gibney J. *Clin Endocrinol (Oxf)* 2019 Apr; **90**(4):528-533. doi: 10.1111/cen.13920. Epub 2019 Jan 25.

CALENDAR OF EVENTS 2019-2020



ICAT CONTACT INFORMATION

INFO@ICATPROGRAMME.ORG WWW.ICATPROGRAMME.ORG [@ICATPROGRAMME](https://twitter.com/ICATPROGRAMME)

28 Mount Street Upper, Dublin 2, D02 CX28

