

News from UCC Discipline of Medical Imaging and Radiation Therapy.

March 2023

Awards ceremony recognizes excellent performance



HSE SSWHG Prize Highest Overall Mark in Diagnostic Radiography, and the Synapse Highest Overall Mark in Physics Subjects went to Maria Long. Maria is not working in South Tipperary UNiversity Hospital, Clonmel.



IIRRT The Olive Fleming Memorial Award went to Lauren Hurley



Affidea Highest Overall Mark in Principles and Practice of Diagnostic Radiography went to Sonya Quirke. Sonya is not working in the Bons Secours Hospital, Cork



Bayer Highest Overall Mark 1st Year went to Lisa Kingston

The Prize Highest Overall Mark in Radiation Therapy and the IIRRT The Olive Fleming Memorial Award in Radiation Therapy went to Kate Murphy who is now working in the Glandore centre in Cork University Hospital.

- The Highest Overall Mark 1st Year Radiation Therapy went to Mary Pat O'Sullivan
- Highest Overall Mark in Physics Subjects Radiation Therapy went to Laura Delaney
- Highest Overall Mark in Principles and Practice of Radiation Therapy went to Jennifer Delaney



Back row: Annemarie Devine, Maria Long, Sonya Quirke, Lauren Hurley, Lisa Kinston, Kate Murphy.

Picture front row: Rena Young, Prof. Mark McEntee, Prof Paula O'Leary (Dean), Niamh Moore.

UCC Staff Graduate with Teaching Qualifications


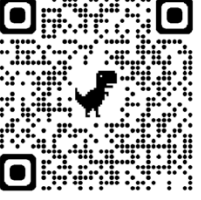
Congratulations to UCC staff Medical Imaging and Radiation Therapy staff members Annmarie Devine and Dr Carla Maiorino-Groeneveld who graduated with the post-graduate certificate of teaching and learning in November 2022.



European Congress of Radiology 2023

Researchers and academic from University College Cork attended the ECR2023 congress in Vienna (**Figure 1**), Austria (1st to 5th March). The academic team (Prof. Mark McEntee, Dr. Andrew England, Niamh Moore, Rena Young and Carla Maiorino) delivered **18 talks** and published **four posters**. Presentations were also given by our clinical partners at **Cork University Hospital** (Peter Murphy) and **Bon Secours Hospital Cork** (Ciaran Walsh). Our research team of final year MSc students (Lisa Kingston, Conor Lee, Niall Carr, Eadaoin Kennedy & Mariosa Friel) successfully ran four research studies (2 on

image perception and 2 online surveys) as part of the **EFRS Research Hub**. To date these research projects have recruited over 200 participants. Recruitment for the two surveys is continuing:

<ul style="list-style-type: none">• Inclusion of CT/MRI within radiography training curricula (DR/RT educators) -	
Job satisfaction and burnout among radiographers (all radiographers)	

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UCC academics, clinical colleagues and researchers present in the EFRS Research Hub at ECR2023.

It was a special year for Cork, both the ECR2023 President (Prof. Adrian Brady) and the European Federation of Radiographer Societies (EFRS) President (Dr. Andrew England) are affiliated to University College Cork and work in the same city. As part of the Opening Ceremony Dr England was invited to join Prof. Brady (below) and deliver some opening remarks to the radiographer community attending.



Professor Adrian Brady and Dr Andrew England

- Leading UCC academics elected as Presidents of European radiology societies.
- Professor Adrian Brady has been appointed as President of the European Society of Radiology (ESR) and the European Congress of Radiology (ECR).
- Dr Andrew England has been elected President of the European Federation of Radiographer Societies (EFRS).

Two Irish radiology leaders have been appointed to presidential posts in Europe.

Professor Adrian Brady, Clinical Professor of Radiology, UCC and Consultant Radiologist at Mercy University Hospital, Cork has been elected President of the European Society of Radiology (ESR) and the European Congress of Radiology (ECR). The ESR, with over 130,000 members from 186 countries worldwide, is the world's largest radiology society. It is the first time a radiologist based in Ireland has held this leadership position.

Dr Andrew England, Senior Lecturer in Medical Imaging and Radiation Therapy at School of Medicine, UCC was elected President of the European Federation of Radiographer Societies (EFRS). The Federation represents 35 countries and over 100,000 radiographers and radiation therapists at European level. It is the highest position a radiographer can serve in Europe.

The future of radiology

Professor Adrian Brady is preparing for this year's European Congress of Radiology (ECR) in Vienna in Austria in early March.



Explaining the conference theme 'The Cycle of Life', he said: "I want to reflect the fact that radiology has a major impact and input into every aspect of life, from before birth through to the end of life and even encompassing applications in the afterlife - its role in forensics, paleontology and archaeology. We want to highlight the fact that radiology is a significant contributor to healthcare and scientific endeavour throughout life and beyond."

Professor Brady said: "I hope my time in office will raise the profile of Ireland on an international medical stage and of the academic bodies we represent, especially my own university, University College Cork. I hope it showcases the skills that are available in the radiology workforce within Ireland, which are at a magnificent level. Ireland is a very highly skilled country in terms of the graduates we produce and the services we provide and that is reflected in the development of programmes like the UCC Medical Imaging and Radiation Therapy programme which are a significant step in the right direction in increasing radiographer graduate numbers in Ireland."

Professor Brady is currently co-leading a Europe-wide project, funded by the European Commission, to explore issues of education, training, workload and workforce availability in key professions.

Advancing radiology

Dr Andrew England, newly appointed President of the European Federation of Radiographer Societies, said he hopes his time as President continues the advancement of the radiography profession across the continent.

Dr England said: "I am extremely honoured to represent radiographers and radiation therapists across Europe and will continue to promote the excellent reputation of Ireland in among the global radiography community. With the continual rise in the demand for medical imaging and radiation therapy treatments we must increase the training opportunities for radiographers in Ireland".



Dr England will also be attending the European Congress of Radiology meeting and has been a key figure in helping plan the radiographer's programme.

The EFRS and the European Society of Radiology have he explained a longstanding relationship "and this year's ECR meeting will have an excellent radiographers' programme. It has been a huge privilege to work with Prof. Brady and his colleagues in planning the congress".

Professor Helen Whelton, Head of the College of Medicine and Health, University College Cork said: "Their appointments are a huge achievement and testament to the excellent work, leadership and outstanding contributions made by both professors in their field"

International



Towards the end of 2022, we welcomed our first Erasmus students from University of Malta. Pictured here, with members of the UCC team, are Francesca Xuereb and Charlene Grech, final year students who spent 2 months experiencing clinical placement in Cork, across diagnostic radiography and radiation therapy departments.

Departmental publications in 2023 so far

- 1) A new approach to dose reference levels in pediatric CT: Age and size-specific dose estimation. M Rawashdeh, C Saade, DS Al Mousa, M Abdelrahman, P Kumar, McEntee et al. *Radiation Physics and Chemistry* 205, 110698, 2023.
- 2) How to set up a mobile X-ray unit in the community-Implementation initiatives for patient-centred care. PAB Andersen, H Precht, MF McEntee, MRV Pedersen. *Radiography*, 2023.
- 3) Radiographers' knowledge and attitudes toward dementia. AB O'Leary, A Scally, N Moore, C Maiorino-Groeneveld, MF McEntee. *Radiography* 29 (2), 456-461, 2023.
- 4) Radiographers' perspectives on clinical supervision of students in Ireland R Young, MF McEntee, D Bennett. *Radiography* 29 (2), 291-300, 1, 2023.
- 5) Prevalence of low back pain among Irish radiographers B Fallon, A England, R Young, N Moore, M McEntee. *Journal of Medical Imaging and Radiation Sciences*, 2023
- 6) The effect of erect abdomen radiography on absorbed doses to internal organs and tissues: A clinical study K Alzyoud, S Al-Murshedi, S Yaghi, A England. *Journal of Medical Imaging and Radiation Sciences* 54 (1), 83-87, 2023
- 7) The EFRS patient centred care awards: Supporting the identification, promotion and propagation of high-quality care across Europe A England, C Beardmore, A Cunha. *Radiography*, 2023.