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## **ESTRO background**

Since relocating from Australia to Ireland, my engagement within ESTRO grows with each passing year. For over a decade, I have contributed meaningfully to the research dialogue of our radiation oncology community and support the scientific, educational, and advocacy responsibilities of our Society.

During my first term on the ESTRO Board, as Membership Officer, I was involved in the Community Survey and co-authored the Analytical Report published by ESTRO in 2021. This initiative yielded valuable insights into the needs and expectations of our community, and a perspective to leverage when making key decisions to maximise value. Within the Board, I also served on the Governance Review Taskforce which culminated in a White Paper (2022). This was the result of a nine-month project in which the ESTRO Board worked closely with the Councils and Committees to ensure the organisation of the Society is transparent and inclusive. This new, dynamic structure allows us, as a Society, to nurture and amplify existing talent of our community to ensure we provide “Optimal Health for All. Together”.

Below is a non-exhaustive selection of my engagement within ESTRO:

### **Societal/Stakeholder Contributions**

- Board member (2020 – current)
- Membership officer (2020 - 2022)
- Professions and Partnership Council member (2020 – current)
- RTT Committee member (2020 – current)
- Participant in the Agora “Future Leaders” Meeting (2016)

### **Scientific Contributions**

- Invited Speaker at ESTRO Congresses (2014, 2015, 2019, 2020, 2022)
- Congress Peer-Reviewed Abstracts Accepted (2015, 2018, 2020, 2021)
- Manuscript Reviewer for publications in TipsRO (2017 – ongoing)
- Reviewer of RTT abstracts for ESTRO Congress (2017 – ongoing)



# ESTRO

## **Educational Contributions**

- Advanced Skills for Modern Radiotherapy Course Director (2020 – ongoing)
- Advanced Skills for Modern Radiotherapy Faculty Member (2014 – ongoing)
- FALCON Tutor/Co-tutor in Workshops (2015 – ongoing)
- Co-Director for the Special Multidisciplinary Contouring Workshop (2022)
- Co-Chair Online course in Thoracic Contouring (2020)
- Local Organiser for ESTRO Courses (2016, 2017, 2018)

## **Experience**

I have over 10 years of international experience working in clinical environments. In my role as a Clinical Specialist RTT, I was responsible for the supervision and training of staff to ensure an efficient and safe clinical workflow. I managed and motivated teams, both in treatment planning and on the treatment units, and also oversaw quality assurance processes which required writing and reviewing departmental protocols to ensure local policy was in line with best practice.

Shortly after moving from Australia to Ireland in 2011, I was appointed as Assistant Professor in Radiation Therapy at Trinity College Dublin. In this academic role, I co-ordinate and contribute to several modules on our undergraduate and post-graduate programmes; challenging students to become independent, critical thinkers. The breadth of my educational experience, at Trinity and within ESTRO, has allowed me to work with diverse student groups coming from a range of backgrounds; including but not limited to ethnic, cultural, socio-economic, and learning backgrounds. Reflecting on these experiences prompted me to develop an interest in inclusive education pedagogy, and in 2019 I was appointed as a School Champion in the Trinity Inclusive Curriculum Project. This University wide project aims to embed principles of diversity, equality, and inclusion across all curricula at Trinity College Dublin, and I am proud to represent the School of Medicine in this important initiative.

In addition to this role, in 2017 I was appointed to the School of Medicine Research Ethics Committee. This has allowed me to use my analytical skills in reviewing documents pertaining to research methodologies and ethical practices across a range of research themes within Health and Medicine.

My role as an academic member of staff also involves the supervision of student research, as well as establishing my own research profile. Over the years, I have been successful in securing



# ESTRO

competitive funding to visit clinical departments in the US, Switzerland, Italy, and France to share knowledge and experience, and to establish research collaborations. I am currently in the final stages of my PhD in which I am applying radiomic analysis of CT imaging to predict xerostomia in patients treated with chemoradiation for head and neck cancer.

## Education and Qualifications

- PhD Candidate, Trinity College Dublin
- MSc, Trinity College Dublin (2015)
- BAppSc, The University of Sydney (2001)

## Research Interests

Treatment planning, Normal Tissue Damage, Quantitative imaging analysis (radiomics), ART, inclusive education pedagogy

## Grants Awarded (PI)

- Dean of Health Science Visiting Professor Funding (2022)
- Irish Research Council Ulysses Award (2021)
- ESTRO Mobility Grant (2018)
- NSW Cancer Institute Clinical Study Tour (2010)

## Associated Professional Appointments and Memberships

- Trinity College School of Medicine Co-Champion for the Inclusive Curriculum Project (2020 – current)
- School of Medicine Research Ethics Committee member, Trinity College Dublin (2017 – current)
- Council Member and National Educational Representative: Irish Institute of Radiography and Radiation Therapy (2019 - 2021)
- IIRRT Representative and Member: MEDIRAD Stakeholder Forum (2019 - 2021)
- Member: Cancer Trials Ireland (2019 – current)
- Project Manager and Subject Expert for the replacement of the RT Treatment Planning System, Trinity College Dublin (2018)
- Editorial board member: Journal of Medical Imaging and Radiation Sciences (2017 – current)



# ESTRO

## **Awards and Honours**

- Awarded a Digital Badge in Universal Design for Teaching and Learning (2021)
- Selected for the ESTRO Agora “future leaders” Meeting (2016)
- Shortlisted – Trinity Creative Challenge (2016)
- Winner – Best Poster Award IIRT Conference (2014 and 2016)

## **Personal**

I confess, I have an embarrassing number of cookbooks. When I’m not cooking, in my spare time I’m usually messing around with the kids, running, or counting down the days till I hit my 365-day streak on Duolingo!

## **Election statement**

My first term on the ESTRO Board started in 2020, just a few months after the WHO declared the novel coronavirus (COVID-19) a global pandemic. This was a time of great uncertainty for our Society as we adapted to the impact this had on our ability to engage with our members and the scientific community. How we responded collectively is testament to the strength and agility of our Society when faced with new challenges, and I am extremely proud to have served on the Board during those years.

Our membership is rich with talent and passion. I feel this during every congress, every course, workshop, meeting, phone call, and brief interaction. It is specifically the interdisciplinarity of ESTRO that I value the most in our Society, and I am committed to protecting and nurturing this further. I also acknowledge the untapped qualities that so many of our members possess, especially those in the early stages of their careers. Working within the Professions and Partnerships Council and implementing the new governance structure, I am dedicated to integrating these talents more fully into our Society.

Armed with the unexpected, unique experiences of the last few years, ESTRO is now entering an era of new opportunities. I am eager to continue my commitment to our Society and am excited by the prospect of contributing to this new period at a Board level.

