



Dr. Caoimhe Duffy is Assistant Professor of Anesthesiology and Critical Care at the Perelman School of Medicine of the University of Pennsylvania.

After graduating in Medicine at the Royal College of Surgeons in Ireland with the added qualification of Bachelor of Medical Science, she completed her anesthesia residency training with

the College of Anaesthesiologists of Ireland. During clinical training, she completed a Healthcare Simulation fellowships with the College of Anaesthesiologists in Ireland, and earned a Master's of Science in Human Factors in Patient Safety at the Royal College of Surgeons in Ireland. Dr. Duffy joined the University of Pennsylvania as a Perioperative Safety Fellow in 2020, and earned a yellow belt in Six Sigma process improvement as well as becoming a Certified Professional in Patient Safety with the Institute of Healthcare Improvement, before being appointed as an Attending Anesthesiologist and Assistant Professor of Anesthesiology and Critical Care.

Dr. Duffy sits on the University of Pennsylvania Health System's Airway Safety Committee. She is a Senior Fellow at Leonard Davis Institute of Health Economics and a Senior Scholar at the Penn Center for Perioperative Outcomes Research and Transformation (CPORT). She is director of the Penn Anesthesia Resident Quality improvement program and acts as core faculty on Penn's Graduate Medical Education (GME) Safety and Quality group. She serves on the leadership committee of Penn Women in Anesthesia (WIA), which this week launched its first social media campaign highlighting Penn Women in Anesthesia.

Her research publications, cited over 600 times to date, focus on human factors engineering and safety science in the perioperative arena, an expertise that has been recognized in Ireland and the US. Dr. Duffy has engaged in collaborative multi-disciplinary research projects aimed at improving relationships and communication between members of the perioperative care team, including physicians, nurses, surgical technicians, and other support staff.

Outside of medicine, Dr. Duffy is a mother to four boys and is a keen traditional musician playing the button accordion and flute.

Google Scholar Bibliography: [Caoimhe Duffy, MD BMedSci MSc \(Human Factors in Patient Safety\), FCAI - Google Scholar](#)