

Welcome to Our New Board Member

Meet the Newest Member of the ABNM

Katherine Zukotynski, BSc, MD, PhD, FRCPC, PEng, FACNM – Associate Professor, Departments of Radiology & Medicine at McMaster University



Dr. Zukotynski is an Associate Professor at McMaster University in the Department of Radiology with a joint appointment in the Department of Medicine. She is also an Associate Member in the School of Biomedical Engineering at McMaster University. Dr. Zukotynski completed a PhD in machine learning and brain imaging through the Institute of Biomaterials and Biomedical Engineering at UofT (2015-2020) and became a licensed P.Eng. in 2020. She is a Fellow of the Royal College of Physicians and Surgeons of Canada in Nuclear Medicine and Radiology and is also board certified in Nuclear Cardiology, Nuclear Medicine and Radiology in the United States. She was named a Fellow of the American College of Nuclear Medicine (ACNM) in 2021.

Dr. Zukotynski has 94 publications, several in top journals in her field. She has authored 19 book chapters and co-edited one book. She is co-PI on pan-Canadian grants totaling over \$7,000,000 for research in her field. She has also developed a research portfolio in machine learning and dementia imaging through her PhD that has led to ongoing work as well as collaborations across North America. She has received several awards for her research and was named the Academic Radiologist of the Year in the Department of Radiology at McMaster University in 2017.

She enjoys education both as a student and as a teacher. Over the years, she developed a national/international reputation in nuclear medicine education, she has also been an invited instructor for PET/CT workshops sponsored by the Radiologic Society of North America (RSNA), the American College of Radiology (ACR) and the Memorial Sloan Kettering Cancer Center (MSKCC). She has been invited to give lectures by the radiology residents at Brigham and Women's Hospital every year since 2008 and has also given lectures in the Canadian Nuclear Medicine Resident Review Course and the Nuclear Medicine Review Course offered by the Society of Nuclear Medicine and Molecular Imaging (SNMMI).

Dr. Zukotynski has organized numerous continuing education (CE) and self-assessment sessions (SAMs) in her roles as Chair of the American Roentgen Ray Society (ARRS) Nuclear Medicine Section Instructional Courses (2018-2020), Chair of the RSNA Refresher Course Committee Nuclear Medicine Track (2019-2020) and, most recently, Chair of the RSNA Annual Meeting Program Planning Committee Nuclear Medicine/ Molecular Imaging Track (2020-2022).

She enjoys being involved in curriculum development. She is involved in the residency accreditation process through the Royal College of Physicians and Surgeons of Canada, acting as an external on-site surveyor for University of Alberta (2017), McGill (2019) and L'Université de Montréal (2021). She believes nuclear medicine holds a unique position in imaging and therapy, and is poised to lead in research and education.