



Dr. Thomas Purdie graduated from McMaster University, Hamilton, Ontario, Canada with a B.Sc. (Hons.) in the Medical and Health Physics program of the Department of Physics and Astronomy in 1997. He then completed his Ph.D. in the Department of Medical Biophysics at the University of Western Ontario in London, Ontario, Canada in 2002. Following graduate school, he completed a medical physics residency and research fellowship at Princess Margaret Hospital (Toronto, Ontario Canada) in 2005. He is currently a Staff Physicist in the Radiation Medicine Program, Princess Margaret Cancer Centre and became a Board Certified Medical Physicist (CCPM – Radiation Therapy Physics) in 2007. He is an Associate Professor in the Department of Radiation Oncology, University of Toronto and Affiliated Faculty at the Techna Institute, University Health Network.

Dr. Purdie's research focuses on developing methods for automated breast treatment planning and machine learning based treatment planning as well as machine learning for quality assurance (QA) processes in radiation oncology.