



Dr. Adam Sarty

Director

Adam Sarty is the Associate Vice-President Research and the Dean of Graduate Studies and Research at Saint Mary's University. He is an experimental nuclear physicist and an avid teacher/promoter of physics, and has been a professor in the Department of Astronomy & Physics at SMU since 2000.

Dr. Sarty holds an undergraduate degree in engineering physics and a Ph.D. in experimental nuclear physics from the University of Saskatchewan. Following graduation, he spent three years at the Laboratory for Nuclear Science at the Massachusetts Institute of Technology, where he began a program of research into the electromagnetic structure of light nuclei and the nucleon at the MIT-Bates Linear Accelerator, the Mainz Microtron (MAMI) in Germany, and the USA Department of Energy's Jefferson Lab. Dr. Sarty also spent five years as an Assistant Professor at Florida State University before joining the Faculty of Science at Saint Mary's.

Dr. Sarty's enthusiasm for his continued research into the structure of the nucleon and light nuclei has been matched only by his passion for teaching and science outreach. Over the years, his teaching excellence and commitment to educational development has been recognized with various awards, including Medal for Excellence in Undergraduate Teaching from the Canadian Association of Physicists (2008), the Science Champion Discovery Award from Halifax's Discovery Centre (2008), the Educational Leadership Award from the Atlantic Association of Universities (2008), and a 3M National Teaching Fellowship (2011).

To further his goal of communicating science, Dr. Sarty has spent many years engaging in community presentations about physics to groups ranging from preschool to high-school age and beyond. He also co-chairs and organizes the annual Halifax regional science fair, and has chaired or served on numerous boards and committees related to the promotion and administration of Science and other academic initiatives. Some positions in which Dr. Sarty has recently served, or is currently serving include: President of the Canadian Association of Physicists, Chair of the CAP Division of Physics Education, Chair of the Scholarship & Fellowships Committee for Physics for the Natural Sciences and Engineering Research Council, the Canadian Institute of Nuclear Physics, TRIUMF Board of Management, Nova Scotia Youth Experiences in Science, Halifax's Discovery Centre Board of Directors, and the Chair and Judging Coordinator for the Discovery Awards for Science and Technology.