Professor Mark Messier is an experimental physicist who studies the basic properties of a class of fundamental particles called neutrinos. He is the co-spokesman of the NOvA experiment at Fermilab.

Prof. Messier began his studies of neutrinos at Boston University working on the Super-Kamiokande experiment in Japan. His doctoral thesis, “Evidence for Oscillations of Atmospheric Neutrinos with Super-Kamiokande”, and accompanying paper in Physical Review Letters documented the first conclusive evidence that neutrinos have a non-zero mass. This paper ranks among the 25 most cited experimental and theoretical results in high energy physics.

After completing his doctoral work, Prof. Messier worked on the MINOS and MIPP experiments at Fermilab as a Research Fellow at Harvard University and joined the faculty at Indiana University in 2002. Messier’s early work to develop the NOvA experiment concept earned recognition with a Department of Energy Outstanding Junior Investigator award and he is a fellow of the American Physical Society.