

Juliette is currently an Associate Professor at the University of Manitoba. She graduated with honors from the University of Texas at El Paso, and received her PhD from Virginia Tech in 2010. Her thesis described her work on the parity-violating electron scattering experiments Qweak and G0, which measured the weak charge of the proton and the strange quark contribution to the nucleon, respectively. Although interesting in its own right, the Qweak measurement was a test of the Standard Model via a precise measurement of the weak mixing angle. Currently the majority of her time is spent preparing for the future MOLLER experiment, which will make an ultra-precise measurement of the weak mixing angle in order to search for Physics Beyond the Standard Model in electron-electron scattering. Juliette is very active in outreach, particularly to increase Indigenous achievement in science. She lives in Winnipeg with her husband and their 3 children, 2 dogs, cat and pet rat.