



Dr. Rebecca Feldman studied electrical engineering in the Engineering Science program at the University of Toronto. She obtained her PhD from the University of Western Ontario, and is a P.Eng, registered in Alberta. She was selected as a Junior Fellow of the International Society for Magnetic Resonance in Medicine and is currently a senior scientist in the Advanced Neuroimaging Research Program at the Translational and Molecular Imaging Institute.

Dr. Feldman's research seeks to amplify the power of magnetic resonance imaging (MRI) to better detect and diagnose illness. Her work is a balance of MR engineering and translational neuroimaging. High field MRI can produce images of the brain with amazing detail and exquisite contrast. However, there are technical challenges associated with imaging at high fields. Dr. Feldman develops new sequences meet these technical challenges and allow us to leverage the power of magnetic resonance imaging to sensitively detect new biomarkers and better treat neurological disorders and diseases.