

Ali McGill (BN '02 University of New Brunswick, MN '07 Dalhousie) is and Interdisciplinary Studies PhD candidate and a Nurse Practitioner in Saint John, New Brunswick. She has worked in a variety of roles in the Emergency program at Horizon Health Network since 2002. 18 years of patient care and clinical education has led to a desire to improve healthcare processes, quality, safety, and efficiency through research.

Work History:

2002-2009 –RN and Sexual Assault Nurse Examiner, Saint John Regional Hospital Emergency Department

2007-2009 – Stipend Instructor UNBSJ Faculty of Nursing, Year 3 Clinical Coordinator

2009-2016 – Nurse Practitioner, St Joseph's Hospital Urgent Care Centre

2014-2016 – Unit Manager, St. Joseph's Hospital Urgent Care Centre

2016-2018 – Sexual Health Nurse Practitioner, St Joseph's Hospital Community Health Centre

2018-Present – Nurse Practitioner, Saint John Regional Hospital Emergency Department

In addition to these clinical roles Ali has been a graduate level educator in the clinical setting for Nurse Practitioner students and a classroom and laboratory instructor for undergraduate medical students.

Research Interest:

Gaining a better understanding of how “work is done” by front-line providers is her main interest. Her research will cross disciplines by studying the application of an engineering model the Functional Resonance Analysis Method (FRAM) as well as the concepts of Resilient Engineering in a healthcare setting. The FRAM was first developed in the early 2000s in the field of engineering to be utilized in research and development related to safety and accident analysis. It was quickly realized through further development that the FRAM was a method that could be more universally applied to complex socio-technical systems in general. The FRAM organizes an approach to map “work as done” to give an accurate description of everyday activities and functions within a system such as healthcare. Mapping “work as done” can allow for the introduction of actions and approaches for improving a system's abilities in achieving higher levels of quality, safety, and resilience.

Supervisors:

Memorial – Dr. Brian Veitch – Faculty of Engineering and Applied Science

Memorial – Dr. Doug Smith – Faculty of Engineering and Applied Science

UNB – Dr. Rose McCloskey – Faculty of Nursing and Health Sciences

Family/Hobbies/Interests:

Ali lives in Rothesay with her husband, three children, and two dogs. She is a former Atlantic University Sport basket-ball player for the UNB Varsity Reds (1998-2001) where she was a member of the AUS championship team which was 3rd at Nationals in 1999. She now coaches her two youngest children and is an avid fan of her oldest child who plays for the local high school and the provincial team.

SYSTEMATIC REVIEW PROTOCOLS

The functional resonance analysis method as a health care research methodology: a scoping review protocol

SYSTEMATIC REVIEWS

The Functional Resonance Analysis Method as a health care research methodology: a scoping review