

Teaching

Undergraduate – Baccalaureate programs

- Evidence Informed Practice
- Leadership in Nursing
- Simulation facilitation

Graduate

- Simulation in Nursing Education: Active Learning Theory and Teaching
- Using Simulation to Facilitate Learning
- Simulation Education Capstone.

Research/Scholarship

Dr. Harder's research interests are the use of simulation-based learning in the health professions to develop technical and non-technical skills that promote patient safety.

Peer reviewed articles

Harder, N. & Turner, S. (in press 2018). Applying simulation design criterion to non-mannequin based experiences: A modified Shadow Box technique. *Nursing Education Perspectives*.

Turner, S., & **Harder, N.** (2018). Psychological safe environment: A concept analysis. *Clinical Simulation in Nursing, 18*, 47-55.

Goldsworthy, S., Sears, K., Luctkar-Flude, M., **Harder, N.**, & Wilson-Keats, B. (2018). Gaining momentum through collaboration. *Clinical Simulation in Nursing, 15*, 61-64.

Harder, N. (2018). Determining the effects of simulation on intercultural competency in undergraduate nursing students. *Nurse Educator, 43*(1).

Harder, N., Plouffe, J., Capanec, D., Mann, K., Le, M., Gregory, P., Griffith, P., & Doerksen, K. (2016). Use of mobile devices and medication errors in acute care: A systematic review. *JBI Database of Systematic Reviews and Implementation Reports, 14*(9), 47-56.

Lobchuk, M., Halas, G., West, C., **Harder, N.**, Tursunova, Z., & Ramraj, C. (2016). Development of a novel empathy-related video-feedback intervention to improve empathic accuracy of nursing students: A pilot study. *Nursing Education Today, 46*, 86-93. doi:10.1016/j.nedt.2016.08.034

Carson, P., & **Harder, N.** (2016). Simulation use within the classroom: Recommendations from the literature. *Clinical Simulation in Nursing, 12*, (10), 429-437. DOI:10.1016/j.ecns.2016.03.009

Joyal, K., Katz, C., **Harder, N.**, & Dean, H. (2015). Interprofessional education using simulation of an overnight inpatient ward shift. *Journal of Interprofessional Care, 29*(3). DOI: 10.3109/13561820.2014.944259

Galbraith, A., **Harder, N.**, Macomber, C., Roe, E., & Roethlisberger, K. (2014). Design and implementation of an interprofessional death notification simulation. *Clinical Simulation in Nursing*, 10, e95-e102. DOI: 10.1016/j.ecns.2013.08.001.

Nielsen, B., & **Harder, N.** (2013). Causes of student anxiety during simulation: What the literature says. *Clinical Simulation in Nursing*, 9(11), e507-e512. DOI: 10.1016/j.ecns.2013.03.003.

Harder, N., Ross, C., & Paul, P. (2013). Instructor comfort level in high-fidelity simulation. *Nurse Education Today*, 3, 1242-1245. DOI: 10.1016/j.nedt.2012.09.003

Harder, N., Paul, P., & Ross, C. (2013). Student perspective of roles assignment in high fidelity simulation: An ethnographic study. *Clinical Simulation in Nursing*, 9(9), e329 e334. DOI: 10.1016/j.ecns.2012.09.003

Evans, C., & **Harder, N.** (2013). A Formative approach to Student Remediation. *Nurse Educator*, 38(4), 1-5. DOI: 10.1097/NNE.0b013e318296dd0f.

Selected books and book chapters

Harder, N. *Simulation in Canada* (2017). Foisy-Doll & K. Leighton (Eds.), *Simulation champions: Fostering courage, caring, and connection*. Philadelphia, PA: Wolters Kluwer Inc. American Journal of Nursing 2017 Book of the Year Awards: First place - Nursing Information Technology category.

Harder, N. *Principles of Asepsis* (2015). Principles of Asepsis. In D. Gregory, C. Raymond Seniuk, & L. Patrick, L. Fundamentals: Perspectives on the Art and Science of Canadian Nursing. Philadelphia: Lippincott Williams & Wilkins.

Harder, N. (2013). *Pediatric Medication Administration in Essentials of Pediatric Nursing: First Canadian Edition*. C. Ateah & S. Scott (eds.) Philadelphia: Lippincott Williams & Wilkins

D'Amico, D., Barbarito, C., Twomey, C. & **Harder, N.** (2012). Health and Physical Assessment in Nursing: 1st Canadian Edition. Toronto: Pearson Prentice Hall.

Selected Projects/Grants:

2018 – 2020 **Harder, N.** (PI), McClement, S., Thompson, G., Harwood, R., Osachuk, T., Lucas, A., French, C. & Chernomas, W. *Reducing psychological distress among health professionals by creating a psychologically safe debriefing framework for emotionally stressful palliative/end-of-life simulation-based and clinical experiences*. Dolly and Michael Gembey Nursing Research Grants, Health Sciences Centre, Winnipeg. (\$58,284.26 over 1 year).

2017 – 2018 Nunes, S., & **Harder, N.** *Exploring the usefulness and effectiveness of*

debriefing to process emotions or feelings experienced by undergraduate nursing students in a palliative simulation-based experience. Manitoba Centre for Nursing and Health Research Grant – Graduate Student. (\$3,000 over 1 year).

- 2016 – 2017 Brygidyr, S. (executive sponsor), Ateah, C. (project owner), & **Harder, N.** (academic lead). *Simulation based education strategic planning project.* Advanced Learning Division – Manitoba Government. (\$149,958.50)
- 2015 – 2016 **Harder, N.** (primary investigator), Taylor, C., & Ashcroft, T. *Virtual Simulation Use in Undergraduate Nursing Curriculum - Western North-western Region – Canadian Association of Schools of Nursing Innovation Award* (\$5,000).
- 2014 – 2015 Lobchuk, M., Halas, G., **Harder, N.** (co-investigator), West, C., & Tursunova, Z. *A pilot study of an intervention to enhance student nurses' empathic discussion with family caregivers about unhealthy behaviours.* Manitoba Centre for Nursing and Health Research. (\$7,480.46).
- 2014 – 2015 **Harder, N.** (primary investigator) *Preparation for simulation: The effects on clinical judgment.* Western North-western Region – Canadian Association of Schools of Nursing Research Award (\$5,000).
- 2014 **Harder, N.** (primary investigator), Plouffe, J., Capanec, D., Griffith, P., Doerksen, K., Gregory, P., & Mann, K. *The effectiveness of handheld computers on reduction of medication errors.* Systematic Review Awards, Faculty of Nursing, University of Manitoba (\$5,000).
- 2013 – 2014 **Harder, N.** (primary investigator) *Interculturalism in Simulation.* University Research and Grants Program Award, University of Manitoba (\$6,400).
- 2012 – 2014 **Harder, N.** (primary investigator), Ashcroft, T., & Taylor, C. *Nursing students' role in patient safety: Communication to empower patients.* Dr. John Wade Research Award, sponsored by the Manitoba Institute for Patient Safety (\$7,415.00).

Professional Service

Dr. Harder has reviewed for many journals and conference abstracts, both at the national and international level. She has served on several organizational boards at the national and international level, including the Réseau Simulation Canada Network and the International Nursing Association for Clinical Simulation and Learning.