

Education

2002	Acute Care Nurse Practitioner	University of Calgary, AB
2001	Post Doctoral Fellow	University of Calgary and Calgary Health Region, AB
2000	PhD	University of Alberta, AB
1988	MN	University of Calgary, AB
1986	BN	University of Calgary, AB
1982	Nursing Diploma	Foothills Hospital School of Nursing, Calgary, AB

Licensure and Certification

Current	Registered Nurse	College and Association of Registered Nurses of Alberta
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Academic Appointments

2007-present	Professor	University of Calgary, Faculty of Nursing, Calgary, AB
1996-2007	Associate Professor	University of Calgary, Faculty of Nursing, Calgary, AB

Non-Academic Appointments

2015	NP Program Review, Team Leader	College of Registered Nurses/University of Manitoba
2002-present	Nurse Practitioner, Cardiovascular Surgery	Alberta Health Services, Heart Health, Calgary, AB
1998-present	Associate Adjunct	Alberta Health Services, Heart Health & Emergency Services, Calgary, AB

Research Funding

2017-2020	<i>Emergency Department RN Triage Decision Making: Phase Three – Refinement of a Triage Decision Making Instrument (TDMI).</i> PI: Reay, G.; Co-Is: Fung, T., Rankin, J.A., Then, K.	\$25,000 and \$17,371
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	University of Calgary, Faculty of Nursing Special Call Operating Grant and	
2016-2018	University of Calgary, Faculty of Nursing Special Call Operating Grant Development of a Patient-Centered Balanced Scorecard Approach to Improve Quality of Care in Rheumatoid Arthritis Patients in Canada. Co-PIs: Barber, C., Lacaille, D.; Co-Is: Barnabe, C., Hazlewood, G., Homik, J., Li, L., MacMullan, P., Marshall D., Mosher, D., Rankin, J.A., Then, K.L.	\$183,600
2016	Canadian Institutes of Health Research - Project Grant <i>Quality Of Life in Seniors Requiring Coronary Artery Bypass Surgery: an Exploratory Pre-Test, Post-Test Repeated Measures Design.</i> PI: Then, K.L. , Co-Is: Briggs, L., Fung, T., Krawiec, F., Rankin, J.A., Maitland A., Naphin, L., VanZalingen, T.	\$2,000
2015-2016	Canadian Council of Cardiovascular Nurses <i>Rheum4U: Measuring and Planning Quality Improvement in Arthritis Care.</i> PI: Barber, C.; Co-Is: Barnabe, C., Benseler, S., Devoe, D., Hazelwood, G., Kathol B., MacMullen, P., Marshall, D., Mosher, D., Rankin, J.A., Then, K.L. , Twilt, M.	\$196,184 and \$212,065
2015	Philanthropic Donations, Abbvie Arthur Childs Chair, Roche, Amgen, Pfizer and Philanthropic Donations, Alberta Strategy for Patient Oriented Research <i>Online Data Entry by Calgary Rheumatology Patients, Clinic Staff, and Clinicians: a Pilot Study at Richmond Road Diagnostic and Treatment Centre and South Health Campus.</i> PI: Mosher, D., Co-Is: Hazelwood, G., Marshall, D. Rankin, J.A., Then, K. L. Abbvie, Arthur Childs Chair, Roche, Amgen, Pfizer and Philanthropic Donations, University of Calgary	\$158,235 and \$40,000

Presentations, Refereed

1. El Hussein, M., Rankin, J. A., & **Then, K. L.** (2018, May). *Borrowing concepts versus reinventing the wheel in Grounded Theory (GT) research studies.* Paper presented at the Qualitative Methods Conference, Banff, Canada.
2. El Hussein, M., Rankin, J. A., & **Then, K. L.** (2018, February). *Pathophysiological made easy: A cartoon-based teaching strategy.* Paper presented at the WNRCSN Conference, Calgary, AB, Canada.

3. El Hussein, M., Rankin, J. A., & **Then, K. L.** (2018, May). *Facilitating increased understanding of pathophysiological concepts using a cartoon-based teaching strategy*. Paper presented at NETNEP: 7th International Nurse Education Conference, Banff, Canada.
4. El Hussein, M., Rankin, J. A., & **Then, K. L.** (2018, May). *Illustrated stories in pathophysiology: A cartoon-based teaching strategy*. Paper presented at the **CASN** Canadian Nursing Education Conference: Responding to a Changing World, Montreal, Canada.
5. El Hussein, M., Rankin, J. A., & **Then, K. L.** (2018, May). *Borrowing concepts versus reinventing the wheel in Grounded Theory (GT) research studies*. Paper presented at the Qualitative Methods Conference, Banff, Canada.
6. El Hussein, M., Rankin, J. A., & **Then, K. L.** (2018, May). *Novel mnemonic for nurse practitioner students in the management of liver cirrhosis*. Paper presented at NETNEP: 7th International Nurse Education Conference, Banff, Canada.
7. El Hussein, M., Rankin, J. A., & **Then, K. L.** (2018, May). *Mnemonic-based teaching: An approach to facilitate the management of liver cirrhosis*. Paper presented at the CASN Canadian Nursing Education Conference, Montreal, Canada.
8. Reay, G., Rankin, J. A., & **Then, K. L.** (2018, April). *What you always wanted to know - How triage RNs actually make decisions*. Poster presented at the Western Emergency Department Operations Conference, Victoria, Canada.
9. Poirier, L., **Then, K. L.**, & VanZalingen, T. (2017, October). *Aortic dissection: When chest pain is not ACS*. Presented at the Canadian Cardiovascular Congress, Vancouver, Canada.
10. Ungarian, J., Rankin, J.A., & **Then, K. L.** (2017, September). *Delirium in the ICU: Is dexmedetomidine effective?* Presented at the Dynamics Critical Care Conference, Toronto, Canada.
11. **Then, K. L.**, VanZalingen, T., & Poirier, L. (2017, June). *Aortic dissection: When chest pain is not ACS*. Presented at the American Association of Nurse Practitioners conference? Philadelphia, PA.
12. Schumlick, C., **Then, K. L.**, & Rankin, J. A. (2017, June). *Patients and alcohol abuse: The perceptions of emergency department registered nurses*. Presented at the National Emergency Nurse Association Conference, Charlottetown, Canada.
13. Goldsworthy, S., Rankin, J., **Then, K.**, & Belostotsky, V. (2017, June). *The use of smartphones in the classroom, simulation lab and clinical: An interprofessional perspective*. Presented at the International Association of Clinical Simulation and Nursing Conference, Washington, DC.
14. **Then, K. L.** (2017, May). *Basic 12 lead ECG interpretation*. Workshop presented at the Canadian Council of Cardiovascular Spring Conference. Calgary, Canada.
15. **Then, K. L.** & Rankin, J. A. (2016, May). *Presentation of atypical AMI in men and women*. Poster presented at the Canadian Council of Cardiovascular Nursing Spring Conference, Calgary, Canada.
16. Rankin, J. A., & **Then, K. L.** (2016, May). *Nurse practitioners in the Canadian healthcare system: Is there any research evidence on NPs?* Paper presented at the Alaska Health Innovation Conference: Nurses for Nurses Network, Location, ST.
17. Kreer, A., & **Then, K. L.** (2015, October). *DIL WALK: Empowering South Asians*. Paper presented at the Canadian Cardiovascular Congress, Toronto, Canada.
18. Kreer, A., & **Then, K. L.** (2014, October). *Cultural coronaries: Cultural impetus on risk factors for cardiovascular disease among South Asian population*. Paper presented at the Canadian Cardiovascular Congress, Vancouver, Canada.

19. Krawiec, F., **Then, K. L.**, Gwadry, N., Van Zalingen, & Porier, L. (2014, October). *Would pre-operative H-pylori eradication reduce the incidence of post-operative cardiac surgery gastro-intestinal hemorrhage?* Paper presented at the Canadian Cardiovascular Congress, Vancouver, Canada.
20. Lazarenko, C., **Then, K. L.**, & Roy, J. (2014, October). *Dilated cardiomyopathy in pregnancy: A complex case study.* Paper presented at the Canadian Cardiovascular Congress, Vancouver, Canada.
21. Cherniwchan, A., & **Then, K. L.** (2014, October). *Future of harm reduction.* Paper presented at the National Harm Reduction Annual Conference, Baltimore, MD.
22. Lazarenko, C., & **Then, K. L.** (2014, October). *Cardiovascular disease in women: What's new. An update.* Presented at the Canadian Cardiovascular Congress, Vancouver, Canada.
23. Sumrain, M., & **Then, K. L.** (2014, October). *My patient just had a stroke: Now what?* Workshop presented at the Canadian Cardiovascular Congress, Vancouver, Canada.
24. Krawiec, F., Gwadry, N., **Then, K. L.**, Van Zalingen, T., & Porier, L. (2014, October). *Improving the night time control of atrial fibrillation in the post-operative cardiac surgery population: A practice change.* Paper presented at the Canadian Cardiovascular Congress, Vancouver, Canada.
25. Rankin, J. A., & **Then, K. L.** (2014, March). *History, education, practice and value of NPs: An international perspective.* Presented at the Royal Melbourne District Nursing conference. Melbourne, Australia.
26. Louguina, E., & **Then, K. L.** (2014, February). *Fear of childbirth: A concept analysis and synthesis.* Paper presented at Healthy Mothers and Healthy Babies: New Research and Best Practice, Vancouver, Canada.

Publications, Peer-Reviewed Journal Articles

1. Reich, E. N., **Then, K. L.**, & Rankin, J. A. (in press). Sepsis guideline implementation: Barriers and facilitators. *Journal of Emergency Nursing.*
2. Wiens, J., Rankin, J., & **Then, K.** (2017). Arthropathies in inflammatory bowel disease: A review for clinicians. *Gastroenterology Nursing, 40(6)*, 496. doi:10.1097/SGA.0000000000000175
3. Reay, G., Rankin, J. A., & **Then, K. L.** (2016). Momentary fitting in a fluid environment: A grounded theory of triage nurse decision making. *International Emergency Nursing, 26*, 8-13. doi:10.1016/j.ienj.2015.09.006
4. Doetzel, C. M., Rankin, J. A., & **Then, K. L.** (2016). Nurse practitioners in the emergency department: Barriers and facilitators for role implementation. *Advanced Emergency Nursing Journal, 38(1)*, 43-55. doi:10.1097/tme.0000000000000090
5. Vargas, I., & **Then, K. L.** (2016). Understanding moral distress experienced by critical care nurses. *Canadian Journal of Critical Care Nursing, 27(2)*, 47. Retrieved from <https://www.caccn.ca/canadian-journal-of-critical-care-nursing/index.html>
6. Sheppard, C. E., **Then, K. L.**, Rankin, J. A., & Appoo, J. J. (2015). Endovascular aortic repair of primary adult coarctation: Implications and challenges for postoperative nursing. *Canadian Journal of Cardiovascular Nursing, 25(4)*, 5-11. Retrieved from <http://www.cccn.ca/content.php?doc=209>
7. **Then, K. L.**, Rankin, J. A., & Ali, E. (2014). Focus group research: What is it and how can it be used? *Canadian Journal of Cardiovascular Nursing, 24(1)*, 16-22. Retrieved from <http://www.cccn.ca/media.php?mid=754>

Chapters

1. Rankin, J. A., & **Then, K. L.** (2016). Musculoskeletal care modalities. In R. Day, P. Paul, B. Williams, S. C. Smeltzer, & B. Bare (Eds.), *Brunner and Suddarth's textbook for Canadian medical-surgical nursing* (3rd ed., pp. 2185-2214). Philadelphia, PA: Wolters Kluwer Lippincott Williams and Wilkins.
2. Rankin, J. A., & **Then, K. L.** (2016). Management of patients with musculoskeletal disorders. In R. Day, P. Paul, B. Williams, S. C. Smeltzer, & B. Bare (Eds.), *Brunner and Suddarth's textbook for Canadian medical-surgical nursing* (3rd ed., pp. 2215-2243). Philadelphia, PA: Wolters Kluwer Lippincott Williams and Wilkins.
3. Rankin, J. A., & **Then, K. L.** (2016). Management of patients with musculoskeletal trauma. In R. Day, P. Paul, B. Williams, S. C. Smeltzer, & B. Bare (Eds.), *Brunner and Suddarth's textbook for Canadian medical-surgical nursing* (3rd ed., pp. 2244-2283). Philadelphia, PA: Wolters Kluwer Lippincott Williams and Wilkins.

Published Conference Papers and Abstracts

1. Krawiec, F., Harten, C., Naphin, L., Poirier, L., Van Zalingen, T., **Then, K. L.**, ... Sumrain, M. (2016). Proton pump inhibitors: Friend or foe of the cardiac patient? *Canadian Journal of Cardiology*, 32(10, Suppl 1), S322. doi:10.1016/j.cjca.2016.07.558
2. Krawiec, F., Naphin, L., Poirier, L., VanZalingen, R., Degenhardt, D., Sum, M. **Then, K. L.**, & Harten, C. (2016) The burden of obesity in the cardiac surgery patient: Can nurses bear the weight? *Canadian Journal of Cardiology*, 32(10, Suppl 1), S315. doi:10.1016/j.cjca.2016.07.537
3. Lazerenko, C., & **Then, K. L.** (2015). Obesity and nursing prejudice: An exploration of the issues. *Canadian Journal of Cardiology*, 31(10, Suppl 1), S323. doi:10.1016/j.cjca.2015.07.676
4. Lazerenko, C., & **Then, K. L.** (2015). Cardiovascular disease and complementary and alternative medicine: What is the harm? *Canadian Journal of Cardiology*, 31(10, Suppl 1), S319. doi:10.1016/j.cjca.2015.07.664
5. Pentland, J., **Then, K. L.**, & Rankin, J. A. (2015). Septic acute kidney injury in the intensive care unit: A review for clinicians. *Proceedings of the Canadian Association of Critical Care Nurses Dynamics of Critical Care Conference*, Winnipeg, Canada, September 27-29, 2015.
6. Kreer, A., **Then, K. L.**, Kapoor, A. (2015). DIL WALK: Empowering South Asians. *Canadian Journal of Cardiology*, 31(10, Suppl 1), S318. doi:10.1016/j.cjca.2015.07.660
7. Poirier, L., Naphin, L., Krawiec, F., VanZalingen, T., **Then, K. L.**, & Harten, C. (2015). Move over warfarin and aspirin! New antiplatelet agents and direct oral anticoagulants administration in cardiac surgery patients; Best practices and guidelines. *Canadian Journal of Cardiology*, 31(10, Suppl 1), S322-23. doi:10.1016/j.cjca.2015.07.674