



Curriculum Vitae: Karen Then PhD RN

Education

Year Completed	Education	Institution
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/Certification

Year Completed	Licensure/Certification	Institution
Current	RN	College and Association of Registered Nurses of Alberta
2001	Cardiovascular Certification	Canadian Nurses Association

Academic Appointments

Year of Appointment	Institution	Academic Rank
2007-present	University of Calgary	Professor

Non-Academic Employment

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

Teaching Experience

Dates	Institution	Title of Course	Course Level
2011-2018	University of Calgary	NURS 661	Graduate

2013-2014, 2016-2018	University of Calgary	NURS 642	Graduate
2014-2018	University of Calgary	NURS 633	Graduate
2016	University of Calgary	NURS 665	Graduate
2010, 2013-2014	University of Calgary	NURS 644	Graduate
2007-2008, 2013-2014	University of Calgary	NURS 650	Graduate

Graduate Student Supervision

Student	Program	Year Completed	Thesis or Project Title
K. Gibb	MNNP	In progress	-
E. Lewis	MNNP	In progress	-
M. Martin	MNNP	In progress	-
M. Robinson	MNNP	In progress	-
S. Tran	MNNP	In progress	-
C. Schumlick	MN Course-based	2018	The Perceptions of Emergency Department Registered Nurses of Patients Visiting with Alcohol Abuse Issues
J. Koppel	PMNP	2018	Not available
E. Reich	MNNP	2018	Not available
L. Wieler	MNNP	2018	Not available
M. Balachova	MN Course-based	2017	Exploring Patient Learning Needs and Preferences: A Qualitative Descriptive Study
E. Chan	PMNP	2017	Not available
I. Vargas Will	MN Course-based	2016	Moral Distress: Understanding Moral Distress of Intensive Care Unit Registered Nurses
J. Brodie	PMNP	2016	Not available
J. Jenkins	PMNP	2016	Not available
A. Altenbeck	MNNP	2016	Not available
A. Kreer	MNNP	2016	Not available
C. Lazarenko	MNNP	2016	Not available
C. Sheppard	MN Course-based	2015	Not available
C. Doetzel	PMNP, MN Course-based	2015	Not available
A. Cherniwchan	MNNP	2015	Not available
D. Degenhardt	MNNP	2015	Not available
C. Marr	MNNP	2015	Not available
J. Pentland	MNNP	2015	Not available
M. Sumrain	MNNP	2015	Not available
J. Brodie	MN Course-based	2014	Not available
M. Martin	MNNP	2014	Not available
L. Naphin	MNNP	2014	Not available

Scholarship

Scholarship of Discovery

Type	Project Title /Dates	Funding Source and Amount	Project Members/Roles	Peer-reviewed Scholarly Products Dissemination
D	Emergency Department RN Triage Decision Making: Phase Three – Refinement of a Triage Decision Making Instrument (TDMI). 2017-2020	University of Calgary, Faculty of Nursing Special Call Operating Grant \$25,000 University of Calgary, Faculty of Nursing Special Call Operating Grant \$17,371	PI: Reay, G. Co-Is: Fung, T., Rankin, J.A., Then, K.	Journal Article Reay, G., Rankin, J. A., & Then, K. L. (2016). Momentary fitting in a fluid environment: A grounded theory of triage nurse decision making. <i>International Emergency Nursing, 26</i> , 8-13. doi:10.1016/j.ienj.2015.09.006 Conference Presentation Reay, G., Rankin, J. A., & Then, K. L. (2018, April). <i>What you always wanted to know - How triage RNs actually make decisions.</i> Poster presented at the Western Emergency Department Operations Conference, Victoria, Canada.
D	Development of a Patient-Centered Balanced Scorecard Approach to Improve Quality of Care in Rheumatoid Arthritis Patients in Canada. 2016-2018	Canadian Institutes of Health Research, Project Grant \$183,600	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.	
D	Quality Of Life in Seniors Requiring Coronary Artery Bypass Surgery: an Exploratory Pre-Test, Post-Test Repeated Measures Design.	Canadian Council of Cardiovascular Nurses \$2,000	PI: Then, K.L. , Co-Is: Briggs, L., Fung, T., Krawiec, F., Rankin, J.A., Maitland A., Naphin, L., VanZalingen, T.	Conference Presentations Krawiec, F., Naphin, L., Then, K. L. Poirier, L., VanZalingen, R., & Sumrain, M. (2016, October). <i>The burden of obesity in the cardiac surgery patient: Can nurses bear the weight?</i> Presented at the Canadian Cardiovascular Congress, Montreal, Canada.

	2016			Lazarenko, C., & Then, K. L. (2015, October). <i>Obesity and nursing prejudice: An exploration of the issues</i> . Paper presented at the Canadian Cardiovascular Congress, Toronto, Canada.
D	Rheum4U: Measuring and Planning Quality Improvement in Arthritis Care. 2015-2016	Philanthropic Donations, Abbvie Arthur Childs Chair, Roche, Amgen, Pfizer \$196,184 Philanthropic Donations, Alberta Strategy for Patient Oriented Research \$212,065	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.	
D	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. 2015	Abbvie, Arthur Childs Chair, Roche, Amgen, Pfizer \$158,235 Philanthropic Donations, University of Calgary \$40,000	PI: Mosher, D., Co-Is: Hazelwood, G., Marshall, D. Rankin, J.A., Then, K. L.	
D	Sepsis guideline implementation : Barriers and facilitators. In press		Reich, E.N., Then, K.L. & Rankin, J.A.	Journal Article Reich, E. N., Then, K. L. , & Rankin, J. A. (in press). Sepsis guideline implementation: Barriers and facilitators. <i>Journal of Emergency Nursing</i> .
D	The management of chronic liver cirrhosis by nurse practitioners:			Conference Presentations El Hussein, M., Rankin, J. A., & Then, K. L. (2018, May). <i>Novel mnemonic for nurse practitioner students in the management of liver cirrhosis</i> . Paper presented at NETNEP: 7th

	An alphabetical mnemonic. 2018			International Nurse Education Conference, Banff, Canada. El Hussein, M., Rankin, J. A., & Then, K. L. (2018, May). <i>Mnemonic-based teaching: An approach to facilitate the management of liver cirrhosis</i> . Paper presented at the CASN Canadian Nursing Education Conference, Montreal, Canada.
D	Aortic dissection: When chest pain is not ACS. 2017		Then, K.L., VanZalingen, T., & Poirier, L.	Conference Presentation Poirier, L., Then, K. L. , & VanZalingen, T. (2017, October). <i>Aortic dissection: When chest pain is not ACS</i> . Presented at the Canadian Cardiovascular Congress, Vancouver, Canada. Then, K. L. , VanZalingen, T., & Poirier, L. (2017, June). <i>Aortic dissection: When chest pain is not ACS</i> . Presented at the American Association of Nurse Practitioners conference?, Philadelphia, PA.
D	Delirium in the ICU: Is Dexmedetomidine effective? 2017		Ungarian, J., Rankin, J.A., & Then, K.L.	Conference Presentation Ungarian, J., Rankin, J.A., & Then, K. L. (2017, September). <i>Delirium in the ICU: Is dexmedetomidine effective?</i> Presented at the Dynamics Critical Care Conference, Toronto, Canada.
D	Basic 12 lead ECG interpretation. 2017		Then, K.L.	Conference Presentation Then, K. L. (2017, May). <i>Basic 12 lead ECG interpretation</i> . Workshop presented at the Canadian Council of Cardiovascular Spring Conference. Calgary, Canada.
D	The perceptions of emergency department registered nurses of patients visiting with alcohol abuse issues. 2016-2017		Schumlick, C. Then, K.L. , & Rankin, J.A.	Conference Presentation Schumlick, C., Then, K. L. , & Rankin, J. A. (2017, June). <i>Patients and alcohol abuse: The perceptions of emergency department registered nurses</i> . Presented at the National Emergency Nurse Association Conference, Charlottetown, Canada.

D	Proton pump inhibitors: Friend or foe of the cardiac patient? 2016		Krawiec, F., Harten, C., Naphin, L., Then, K.L. , Poirier, L., Sumrain, M.	<p>Conference Presentation Krawiec, F., Harten, C., Naphin, L., Then, K. L., Poirier, L., & Sumrain, M. (2016, October). <i>Proton pump inhibitors: Friend or foe of the cardiac patient?</i> Presented at the Canadian Cardiovascular Congress, Montreal, Canada.</p> <p>Krawiec, F., Then, K. L., Gwadry, N., Van Zalingen, & Poirier, L. (2014, October). <i>Would pre-operative H-pylori eradication reduce the incidence of post-operative cardiac surgery gastro-intestinal hemorrhage?</i> Paper presented at the Canadian Cardiovascular Congress, Vancouver, Canada.</p>
D	Presentation of atypical AMI in men and women. 2016		Then, K.L. & Rankin, J.A.	<p>Conference Presentation Then, K. L. & Rankin, J. A. (2016, May). <i>Presentation of atypical AMI in men and women.</i> Poster presented at the Canadian Council of Cardiovascular Nursing Spring Conference, Calgary, Canada.</p>
D	Understanding moral distress experienced by critical care registered nurses. 2015-2017		Vargas, I., Then, K.L. , & Raffin Bouchal, S. A	<p>Journal Article Vargas, I., & Then, K. L. (2016). Understanding moral distress experienced by critical care nurses. <i>Canadian Journal of Critical Care Nursing, 27</i>(2), 47. Retrieved from https://www.caccn.ca/canadian-journal-of-critical-care-nursing/index.html</p>
D	Cardiovascular disease and complementary and alternative medicine: What is the harm? 2015		Lazerenko, C., & Then, K.L.	<p>Conference Presentation Lazerenko, C., & Then, K. L. (2015, October). <i>Cardiovascular disease and complementary and alternative medicine: What is the harm?</i> Paper presented at the Canadian Cardiovascular Congress, Toronto, Canada.</p>
D	Cultural coronaries: Cultural impetus on risk factors for cardiovascular		Kreer, A., & Then, K. L.	<p>Conference Presentations Kreer, A., & Then, K. L. (2015, October). <i>DIL WALK: Empowering South Asians.</i> Paper presented at the Canadian Cardiovascular Congress, Toronto, Canada.</p>

	disease among South Asian population. 2015			Kreer, A., & Then, K. L. (2014, October). <i>Cultural coronaries: Cultural impetus on risk factors for cardiovascular disease among South Asian population</i> . Paper presented at the Canadian Cardiovascular Congress, Vancouver, Canada.
D	Move over Warfarin and Aspirin! New antiplatelet agents and direct oral anticoagulants administration in cardiac surgery patients; Best Practices and guidelines. 2015		Poirier, L, Naphin, L., Krawiec, F., Then, K.L. , VanZalingen, T., & Harten, C.	Conference Presentation Poirier, L., Naphin, L., Krawiec, F., Then, K. L. , VanZalingen, T., & Harten, C. (2015, October). <i>Move over warfarin and aspirin! New antiplatelet agents and direct oral anticoagulants administration in cardiac surgery patients; Best practices and guidelines</i> . Paper presented at the Canadian Cardiovascular Congress, Toronto, Canada.
D	Endovascular aortic repair of primary adult coarctation: Implications and challenges for postoperative nursing. 2015		Sheppard, C.E., Then, K.L. , Rankin, J.A., & Appoo, J.A.	Journal Article 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. <i>Canadian Journal of Cardiovascular Nursing</i> , 25(4), 5-11. Retrieved from http://www.cccn.ca/content.php?doc=209
D	Dilated cardiomyopathy in pregnancy: A complex case study discussing a complicated case of rarely documented cardiomyopathies. 2015		Lazarenko, C., Then, K.L. , & Roy, J.	Conference Presentation Lazarenko, C., Then, K. L. , & Roy, J. (2014, October). <i>Dilated cardiomyopathy in pregnancy: A complex case study</i> . Paper presented at the Canadian Cardiovascular Congress, Vancouver, Canada.
D	History, education,		Rankin, J.A, & Then, K.L.	Conference Presentation

	practice and value of NPs: An international perspective. 2014			Rankin, J. A., & Then, K. L. (2014, March). <i>History, education, practice and value of NPs: An international perspective</i> . Presented at the Royal Melbourne District Nursing conference. Melbourne, Australia.
D	Future of harm reduction. 2014		Cherniwchan, A., & Then, K.L.	Conference Presentation Cherniwchan, A., & Then, K. L. (2014, October). <i>Future of harm reduction</i> . Paper presented at the National Harm Reduction Annual Conference, Baltimore, MD.
D	Cardiovascular Disease in Women: What's new. An update. 2014		Lazarenko, C., & Then, K.L.	Conference Presentation Lazarenko, C., & Then, K. L. (2014, October). <i>Cardiovascular disease in women: What's new. An update</i> . Presented at the Canadian Cardiovascular Congress, Vancouver, Canada.
D	Focus group research: What is it and how can it be used? 2014		Then, K.L., Rankin, J.A. & Ali, E	Journal Article Then, K. L., Rankin, J. A., & Ali, E. (2014). Focus group research: What is it and how can it be used? <i>Canadian Journal of Cardiovascular Nursing, 24</i> (1), 16-22. Retrieved from http://www.cccn.ca/media.php?mid=754
D	Improving the night time control of atrial fibrillation in the post-operative cardiac surgery population: A practice change. 2014		Krawiec, F., Gwadry, N., Then, K.L., Van Zalingen, & Porier, L.	Conference Presentation Krawiec, F., Gwadry, N., Then, K. L., Van Zalingen, T., & Porier, L. (2014, October). <i>Improving the night time control of atrial fibrillation in the post-operative cardiac surgery population: A practice change</i> . Paper presented at the Canadian Cardiovascular Congress, Vancouver, Canada.
D	Fear of childbirth: A concept analysis and synthesis. 2014		Louguina, E., & Then, K.L.	Conference Presentation Louguina, E., & Then, K. L. (2014, February). <i>Fear of childbirth: A concept analysis and synthesis</i> . Paper presented at Healthy Mothers and Healthy Babies: New Research and Best Practice, Vancouver, Canada.

D	My patient just had a stroke: Now what? 2014		Sumrain, M., & Then, K.L.	Conference Presentation Sumrain, M., & Then, K. L. (2014, October). <i>My patient just had a stroke: Now what?</i> Workshop presented at the Canadian Cardiovascular Congress, Vancouver, Canada.
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Scholarship of Teaching

Type	Project Title /Dates	Funding Source and Amount	Project Members/Roles	Peer-reviewed Scholarly Products Dissemination
T	Pathophysiological made easy: A cartoon-based teaching strategy. 2018			<p>Conference Presentations</p> <p>El Hussein, M., Rankin, J. A., & Then, K. L. (2018, February). <i>Pathophysiological made easy: A cartoon-based teaching strategy.</i> Paper presented at the WNRCSN Conference, Calgary, AB, Canada.</p> <p>El Hussein, M., Rankin, J. A., & Then, K. L. (2018, May). <i>Facilitating increased understanding of pathophysiological concepts using a cartoon-based teaching strategy.</i> Paper presented at NETNEP: 7th International Nurse Education Conference, Banff, Canada.</p> <p>El Hussein, M., Rankin, J. A., & Then, K. L. (2018, May). <i>Illustrated stories in pathophysiology: A cartoon-based teaching strategy.</i> Paper presented at the CASN Canadian Nursing Education Conference: Responding to a Changing World, Montreal, Canada.</p> <p>El Hussein, M., Rankin, J. A., & Then, K. L. (2018, May). <i>Borrowing concepts versus reinventing the wheel in Grounded Theory (GT) research studies.</i> Paper presented at the Qualitative Methods Conference, Banff, Canada.</p>
T	The use of smartphones		Goldsworthy, S., Rankin, J., Then,	Conference Presentation

	among undergraduates in clinical practice: An inter-professional perspective. 2017		K., Hayden, K., Donszelmann, D, Read, M, Duffett-Leger, L, Seneviratne, C.	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.
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Scholarship of Integration

Type	Project Title /Dates	Funding Source and Amount	Project Members/Roles	Peer-reviewed Scholarly Products Dissemination
I	Borrowing concepts versus reinventing the wheel in Grounded Theory (GT) research studies 2018		El Hussein, M., Rankin, J.A., & Then, K.L.	Conference Presentation El Hussein, M., Rankin, J. A., & Then, K. L. (2018, May). <i>Borrowing concepts versus reinventing the wheel in Grounded Theory (GT) research studies</i> . Paper presented at the Qualitative Methods Conference, Banff, Canada.
I	Arthropathies in inflammatory bowel disease: A review for clinicians. 2017		Wiens, J., Rankin, J., & Then, K.	Journal Article Wiens, J., Rankin, J., & Then, K. (2017). Arthropathies in inflammatory bowel disease: A review for clinicians. <i>Gastroenterology Nursing, 40(6)</i> , 496. doi:10.1097/SGA.000000000000175
I	Musculoskeletal care. 2016		Rankin, J. A., & Then, K. L.	Chapters Rankin, J. A., & Then, K. L. (2016). Musculoskeletal care modalities. In R. Day, P. Paul, B. Williams, S. C. Smeltzer, & B. Bare (Eds.), <i>Brunner and Suddarth's textbook for Canadian medical-surgical nursing</i> (3rd ed., pp. 2185-2214). Philadelphia, PA: Wolters Kluwer Lippincott Williams and Wilkins. Rankin, J. A., & Then, K. L. (2016). Management of patients with musculoskeletal disorders. In R. Day, P. Paul, B. Williams, S. C. Smeltzer,

				<p>& B. Bare (Eds.), <i>Brunner and Suddarth's textbook for Canadian medical-surgical nursing</i> (3rd ed., pp. 2215-2243). Philadelphia, PA: Wolters Kluwer Lippincott Williams and Wilkins.</p> <p>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.), <i>Brunner and Suddarth's textbook for Canadian medical-surgical nursing</i> (3rd ed., pp. 2244-2283). Philadelphia, PA: Wolters Kluwer Lippincott Williams and Wilkins.</p>
I	Nurse practitioners in the Canadian healthcare system: Is there any research evidence on NPs? 2016		Rankin, J.A. & Then, K.L.	<p>Conference Presentation Rankin, J. A., & Then, K. L. (2016, May). <i>Nurse practitioners in the Canadian healthcare system: Is there any research evidence on NPs?</i> Paper presented at the Alaska Health Innovation Conference: Nurses for Nurses Network, Location, ST.</p>
I	Nurse practitioners in the emergency department: Barriers and facilitators for role implementation . 2016		Doetzel, C.M., Rankin J.A., & Then, K.L.	<p>Journal Article Doetzel, C. M., Rankin, J. A., & Then, K. L. (2016). Nurse practitioners in the emergency department: Barriers and facilitators for role implementation. <i>Advanced Emergency Nursing Journal</i>, 38(1), 43-55. doi:10.1097/tme.000000000000090</p>
I	Septic acute kidney injury in the intensive care unit: A review for clinicians. 2015		Pentland, J., Then, K.L. , & Rankin, J.A.	<p>Conference Presentation Pentland, J., Then, K. L., & Rankin, J. A. (2015, September). <i>Septic acute kidney injury in the intensive care unit: A review for clinicians.</i> Paper presented at Dynamics conference, Winnipeg, Canada.</p>

Professional Memberships

Date	Organization
Current	Alberta Lung Association
	Alberta Nurses Computer Interest Group
	American Academy of Nursing Practitioners
	American Association of Critical Care Nurses
	American Heart & Stroke Foundation
	Canadian Association of Advanced Practice Nurses
	Canadian Association of Critical Care Nurses
	Calgary Chronic Disease Network (Calgary Cardiovascular Network)
	Canadian Council of Cardiovascular Nurses
	Canadian Association of Neuroscience Nurses
	Canadian Nurses Association
	Emergency Nurses Association
	Heart & Stroke Foundation of Canada