

Lyndsay Jerusha MacKay, PhD. RN. MN.
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EDUCATION

2020-2021	Postdoctoral Fellow under supervision of Dr. Nicole Letourneau University of Calgary Calgary, Alberta, Canada
August 2019	Ph.D. of Philosophy in Nursing University of Calgary Calgary, Alberta, Canada
April 2010	Master of Science in Nursing (with Distinction) University of Lethbridge Lethbridge, Alberta, Canada
June 2006	Bachelor of Nursing (with Distinction) University of Lethbridge Lethbridge, Alberta, Canada

ACADEMIC APPOINTMENTS AND EMPLOYMENT

2025-Present	Assistant Professor, College of Nursing, Texas A & M University
2022-2025	Assistant Professor, School of Nursing, Trinity Western University
2023-Present	Adjunct Assistant Professor, Cumming School of Medicine, University of Calgary
2021-2022	Sessional Instructor, School of Nursing, University of Calgary
2019-2020	Assistant Professor, School of Health Sciences, Seattle Pacific University

AWARDS AND SCHOLARSHIPS

2021	CCHCSP Pillar Program
2018	Alberta Children's Hospital ARC award in Family-Centered Care (\$35,000)
2017	Alberta Children's Hospital ARC award in Family-Centered Care (\$20,000)

2017 Queen Elizabeth II Graduate (Doctoral) Scholarship (\$15,000)

2017 Faculty of Nursing Graduate Scholarship (\$5,000)

2011 Rising Researchers Star (CCHCSP) (\$1,500)

2011 Alberta Children's Research Institute (\$13,000)

2011 Canadian Nurses Foundation (\$5,000)

2011 Alberta Registered Nurses Education Trust Award (\$10,000)

2011 University of Calgary Admission Scholarship (\$5,200)

2010 Rising Researchers Star (CCHCSP)

2010 Child Health Program Education Award (\$1,500)

2009 Child Health Research Office Small Grant (\$1,700)

2009 Child Health Program Education Award (\$1,500)

2008 Ed McNally Nursing Scholarship (\$10,000)

2006 Keith and Hope Ferguson Memorial Award, University of Lethbridge (\$20,000)

2004 Jimmy Condon Athletic Scholarship (\$1,800)

2002 Lethbridge Community College Athletic Scholarship (\$1,000)

2002 Full Alexander Rutherford Scholarship (\$2,500)

RESEARCH FUNDING

Granting Agency	Title	Total \$	Year	Principal Investigator	Co-Investigators
Trinity Western University Undergraduate Student Research Award	Clinical Nurse Engagement in Research and Evidence-Based Practice: A Scoping Review	\$7,839.00	2025	Jessica Son (student)	Lyndsay MacKay (supervisor)
Social Sciences Research of Canada	An Exploration of Stress and Coping among Parents of	\$61,947.00	2025	MacKay, L	Rieger, K. Reimer-Kirkham, S. Dewan, T. Johnson, A.

	Medically Fragile Infants:				Kim, M. Nicholas, D. Orr, A. Comeau, E. Ragan, L. Ross, K.
University of Calgary, School of Nursing	Pathfinders in Practice: Environmental Scan	\$ 3,500	2024	MacKay, L and Lee, L	Crawford, S. Davidson, S.
University of Calgary, School of Nursing	Pathfinders in Practice: Scoping Review on Research and EBP in Pediatric Clinical Practice	\$ 3,000	2024	MacKay, L and Lee, L	Crawford, S. Davidson, S.
VPR Catalyst Grants, University of Calgary	Improving inpatient care of children with medical complexity: Co-creation of a core outcome set as the first step	\$14,780,	2024	MacKay, L Dewan, T	Sawatsky, R. Zwicker, J. McGuire, M. Gill, P. Nicholas, D. Santana, M. Wolf, A. Comeau, E.
Alberta Innovates SRS	Psychosocial supports for children and their parents when admitted to hospital: A scoping review	\$7,500.00	2024	Christoffersen, M.	MacKay, L. & Dewan, T. (supervisors)
Trinity Western University Undergraduate Student Research Award	Psychosocial supports for children and their parents when admitted to hospital: A scoping review	\$7,839.00	2024	Nolan, L	MacKay, L. (supervisor)
University of Calgary, School of Nursing	Pathfinders in Practice: Bedside Research by Nurses and Allied Health	\$22, 500	2024	MacKay, L and Lee, L	Crawford, S. Davidson, S.

	Professionals Discovery and Pilot Program				
Trinity Western University Undergraduate Student Research Award	Trust among Pediatric Nurses and Children and their Families: A Scoping Review	\$7,839.00	2023	Chang, U (student)	MacKay, L. (supervisor)
CIHR Planning and Dissemination Grant	Harnessing Family Expertise and Experiences to Guide Inpatient Care for Children with Medical Complexity	\$23,276	2023- 2024	Dewan, T	Nicholas, D Buchanana, F Birnie, K MacKay, L Bird, M Gill, P Martens, R
SSHRC Fall Internal Grant Trinity Western University	Exploring Trust among Parents of Hospitalized Medically Fragile Infants and Pediatric Nurses	\$6,230.66	2023- 2025	MacKay, L	Reimer- Kirkham, S Meyeroff, H Kamke, J Orr, A Shantz, S Ragan, L Johnston, V Rempel, G Dewan, T
SSHRCH Insight Development Grant	Development and Validation of Enabling Quality Interactions with Parents (EQUIP): An Automated Software that Codes Parent- Child Interaction Quality	\$72,000	2021- 2023	Duffett-Leger, L	MacKay, L Letourneau, N. Moshirpour, M Tryphonopoulos, P Dennis, C Sinclair, S
VPR Catalyst Grant Competition	Development of Enabling Quality Interactions with Parents	\$13,000	2021- 2022	Duffett-Leger, L	MacKay, L Letourneau, N. Moshirpour, M

	(EQUIP): An Automated Software that Cods Parent Child Interaction Quality				Tryphonopoulos, P Dennis, C Sinclair, S
CHW Grand Challenge Catalyst Award “Seedling”	Development, Validation and Testing of Enabling Quality Interactions with Parents (EQUIP)	\$50,000	2021-2023	Duffett-Leger, L	MacKay, L Letourneau, N. Moshirpour, M Tryphonopoulos, P Dennis, C Sinclair, S
Ontario SPOR Support Unit in partnership with CIHR	AMS Postdoctoral Fellowship in Compassion and AI	\$75,000	2021-2022	MacKay, L	Letourneau, N
Alberta Children’s Hospital Research Institute – ARC Research Award in Family Centered Care	Family-Integrated Care – (FICare) for Medically Fragile Infants on Pediatric Inpatient Units: A Feasibility and Modified Pilot Study	\$225,500	2017-2020	Benzies, K	MacKay, L Barnard, C Shah, V

PUBLICATIONS

Peer Reviewed Publications

MacKay, L. J., Nickel, E., Chang, U., & Kreiter, E. (2025). How pediatric oncology nurses can foster the establishment of trust with children and their parents: A review of the literature. *Journal of Pediatric Oncology/Hematology*.

MacKay, L., Dewan, T., Chang, U., Bernie, K., Krater, E., Christopherson, M., & Lagrisol,

N., (2025). Psychosocial supports for children with a chronic disease and their parents: A scoping review. *Academic Pediatrics*. Submitted and under review. Manuscript ID: 9465307

Chawla, R., Montgomery, L., **MacKay, L.**, Spicer, S., & Dewan, T. (2025). Patient and caregiver perspectives on enteral feeding transitions: A qualitative interview study. *Journal of Parental and Enteral Nutrition*. Submitted. JPEN-2025-08-350

MacKay, L. J., Dewan, T., Lal, J., Hayden, A., & Chang, U. (2025). Exploration of the evidence on discharge from hospital to home for children with medical complexity and their parents. *Child: Care, Health & Development*, 51(1), e70031

MacKay, L. J., Dewan, T., Asaad, L., Buchanan, F., Hayden, A., Montgomery, L., & Chang, U. (2025). The health and well-being of children with medical complexity and their parents' when admitted to inpatient care units: Findings from a scoping review. *Journal of Child Health Care*, 29.

MacKay, L. J., Chang, U., Kreiter, E., Nickel, E., Kamke, J., Bahia, R. Shantz, S., Meyerhoff, H. (2024). Exploration of trust between pediatric nurses and children with a medical diagnosis and their caregivers on inpatient care units: A scoping review. *Journal of Pediatric Nursing*, 78, e1-e30.

Dewan, T., **MacKay, L. J.**, Asaad, L., Buchanan, F., Hayden, A., & Montgomery, L. (2024). Experiences of inpatient healthcare services among children with medical complexity: A scoping review. *Health Expectations*, 27(5), e14178

Dewan, T., Whiteley, A., **MacKay, L. J.**, Martens, R., Noel, M., Barnard, C., Jordan, I., Janvier, I., & Thorne, S. (2024). Trust of inpatient physicians among parents of children with medical complexity: A qualitative study. *Frontiers in Pediatrics*, 12.

- Lowe, C. T., Trask, C. M., Rafiq, M., **MacKay, L. J.**, Letourneau, N., Ng, C. F., Keown-Gerrard, J., Gilberta, T., & Ross, K. M. (2024). Perspectives and experiences of the COVID-19 pandemic: A thematic analysis. *COVID*, 4(4), 429-442.
- Komanchuk, J., Toews, A. J., Marshall, S., **MacKay, L.**, Hayden, K. A., Cameron, J. L., Duffett-Leger, L., & Letourneau, N. (2023). Impacts of parental technofence on parent-child relationships and child health and developmental outcomes: A scoping review. *Cyberpsychology, Behavior, and Social Networking*, 26(8), 587-603
- Lowe, C., Rafiq, M., **MacKay, L.**, Letourneau, N. Cheuk, N., Gerrard, J., Trevor, G., & Ross, K. (2022). Impact of the COVID-19 pandemic on Canadian social connections: A thematic analysis. *Journal of Social and Personal Relationships*, 0(0).
- Duffett-Leger, L., Tryphonopoulos, P. **MacKay, L.**, M., Beck, A., Moshirpour, M., Poelzer, K., Pottery-Dicky, A., Shillington, J., Linder, J., Deane, A., Wu, K., & Letourneau, N. (2021). User-engaged design in the adaptation of VID-KIDS home visiting program for virtual delivery in the context of COVID-19. *International Journal of Technology, Knowledge & Society: Annual Review*, 18(1), 49-73
- MacKay, L.**, Komanchuk, J., Letourneau, N., & Hayden, K. A. Impact of Parental Technofence on Parent-Child Relationships and Child Health and Developmental Outcomes: A Scoping Review Protocol. (2021). *Systematic Reviews*, 11(1), 45-52
- MacKay, L.**, Benzies, K., Barnard, C., & Raffin, S. (2021). Parental and Health Care Professionals' Experiences Caring for Medically Fragile Infants on Pediatric Inpatient Units. *Child Health Care*, 51(2), 119-138.
- Letourneau, N., MacDonald, S., **MacKay, L.**, Bell, R. C., Hetherington, E., Deane, A. J.,

- Dewey, D., Edwards, S., Field, C. J., Giesbrecht, G., Graham, S., Lebel, C. Leung, C., Madigan, S., McArthur, B. A., McMorris, C., Racine, N., Ross, K. M., Muci, W., Tough, S. C. (2021). Cross-Sectional Study Protocol for the COVID-19 Impact Survey of Mothers and their 7-11 year old children in Alberta, Canada. *Frontiers in Psychiatry*, 12, 1-12.
- MacKay, L., & Letourneau, N.** Investigating the Impact of COVID-19 on Contemporary Albertan Families. (2021). *Notes on Nursing Scholarship Newsletter. CASN/ACESI*. February 2021 5th Edition.
- MacKay, L., Benzies, K., Barnard, C., & Raffin, S.** (2020). Parental experiences caring for their hospitalized medically fragile infants: A description of grief, stress, and coping. *Canadian Journal of Nursing Research*. 53(3), 191-201.
- MacKay, L., Benzies, K., Barnard, C., & Raffin, S.** (2020). Health care professionals' experiences of providing care to hospitalized medically fragile infants and their parents. *Journal of Pediatric Nursing*. 53, 14-21.
- MacKay, L.** (2019). *Processes of care for medically fragile infants on an inpatient pediatric unit: a grounded theory study* (Doctoral Dissertation). University of Calgary, Calgary, Canada.
- MacKay, L., & Benzies, K., Hayden, A., & Barnard, C.** (2019). Parental experiences caring for medically fragile infants: A scoping review. *ACTA Paediatrica*. 109(2), 266-275.
- MacDonald, S. E., Sharpe, H. M., Shikako-Thomas, K., Larsen, B., & **MacKay, L.** (2013). Perspective: entering uncharted waters: Navigating the transition from trainee to career for the nonphysician clinician-scientist. *Academic Medicine*, 88(1), 61-66.
- MacKay, L., & Bellamy-Stack, C.** (2010). The use of a clinical resource nurse for newly

graduated nurses in a pediatric oncology setting. *Journal of Pediatric Oncology Nursing*, 27(6), 338-343.

MacKay, L., & Gregory, D. (2010). Exploring family-centered care among pediatric oncology nurses. *Journal of Pediatric Oncology Nurses*, 28(1), 43-52.

MacKay, L. (2010). *Exploring family-centered care among pediatric oncology nurses at the Alberta children's hospital* (Master's thesis). University of Lethbridge, Lethbridge, Canada.

MANUSCRIPTS IN PREPARATION

MacKay, L., Dewan, T., Chang, U., Wolf, A., & Sawatsky, R. Core outcome sets for children with medical complexity and/or a chronic disorder: A rapid review. *ACTA Paediatrica*. (project completed, drafting manuscript).

MacKay, L., Nickel, E., Bahia, R., Meyerhoff, H., Kamke, J., & Reimer-Kirkham, S. (2025). Parents of medically fragile infants' description of developing relationships based on trust with nurses. (2025). *Journal of Pediatric Nursing*. (project completed, drafting manuscript).

TRIAL AND PROTOCOL REGISTRATIONS

MacKay, L., Dewan, T., Hayden, K. A., Lagrosolal, N., Christoffersen, M., & Birnie, K. (2024). Psychosocial supports for children with a chronic disease and their parents when admitted to hospital: A scoping review. <http://doi.org/10.17605/OSF.IO/8VNZ3>

MacKay, L., Kreiter, E., Dewan, T., Kamke, J., Meyerhoff, H., & Orr, H. (2023). An exploration of the concept of trust among paediatric nurses and children and their families: A scoping review. <http://doi.org/10.17605/OSF.IO/HTFZ4>

Dewan, T., **MacKay, L.,** Hayden, A. K., & Buchanan, F. (2022). Experiences of inpatient

healthcare services among children with medical complexity: A scoping review.

<http://doi.org/10.17605/OSF.IO/CP4MX>

MacKay, L. J., Komanchuk, J., Hayden, K. A., & Letourneau, N. (2021, April 12). Impacts of parental technoference on parent-child relationships and child health and developmental outcomes: A scoping review. <https://doi.org/10.17605/OSF.IO/QNTS5>

STUDENT SUPERVISOR

Name	Level	Project
Jasneet Jador	Masters of Nursing 2022 Final KT Project	Strategies to Mitigate the Education Gap in Nurses' Knowledge of Kawasaki Disease
Rubiner Bahia	Masters of Nursing 2023 Final KT Project	Integration of Simulation in Paediatric Nursing Orientation
Nabil Rombough	Masters of Nursing 2023 Final KT Project	Social Media as a Conduit for Pedagogical Application
Matthew Jansen	Masters of Nursing 2023 Final KT Project	Improving Interpersonal Relationship between Staff Nurses and Nursing Students in the Hospital Setting
Una Chang	Undergraduate Student Research Award 2023	An Exploration of the Concept of Trust among Paediatric Nurses and Children and their Families: A Scoping Review
Michelle Remedios	Masters of Nursing 2024 Final KT Project	Mindfulness Practices to Mitigate Psychological Distress among Nurses
Samantha Riarh	Masters of Nursing 2024 Final KT Project	Mitigating Moral Distress among Undergraduate Nursing Students

Erin Clearie	Masters of Nursing 2024 Final KT Project	Inclusive Leadership Style to Foster Psychological Safety in the Workplace
Caitlin Friesen	Masters of Nursing 2024 Graduate Thesis	Understanding Mothers' Trust in Nurses Amidst Traumatic Childbirth Experiences
Danielle Roelands	Masters of Nursing 2025 Final KT Project	Best Practice to Support Mothers during Early Pregnancy Loss
Caroline Omari-Osei	Masters of Nursing 2025 Final KT Project	A Knowledge Translation Project for the Integration of Trust-Based Care in a Pediatric Unit
Kacey Harmen	Masters of Nursing 2025 Final KT Project	A Knowledge Translation Project for the Integration of Best Practice Guidelines for Pediatric Central Line Care
Sharlet Varghese	Masters of Nursing 2025 Final KT Project	Barriers and Facilitators Impacting the Successful Integration of Internationally Educated Nurses into the Host Healthcare System
Neelam Gill	Masters of Nursing 2025 Final KT Project	World Health Organization Quality of Life Implementation Toolkit for Fraser Health Authority Community Health Centers
Ashley Wilson	Masters of Nursing 2025 Final KT Project	A Knowledge Translation Project for the Integration of Goals of Care Conversations into a Rural Hospital Setting
Kirsten Veldman	Masters of Nursing 2025 Final KT Project	A Knowledge Translation Project for the Implementation of Antenatal Hand Expression Education

PRESENTATIONS

May, 2010. Invited presentation on Family-Centered Care. Unit 2, Alberta Children's Hospital.

July, 2019. Abstract Accepted for Poster Presentation, Pediatric Hospital Medicine Conference, Seattle, Washington.

September 2020. A grounded theory of caring for medically fragile infants. Invited presentation. Grand Rounds, Alberta Children's Hospital, Calgary AB.

October 2023. A grounded theory of caring for medically fragile infants. Invited presentation. Networking Café, Trinity Western University, Langley, BC.

PROFESSIONAL EXPERIENCE

Clinical

May 2007 – 2024

Staff Nurse, Unit 2 and CHIRP Clinic, Alberta Children's Hospital, Calgary, Alberta, Canada

May 2006 – May 2007

Staff Nurse, Pediatric Unit, Pediatric Mental Health Unit, and Adult Medical Unit, Chinook Regional Hospital, Lethbridge, Alberta, Canada

Research

September 2021 – August 2022

Senior Research Associate with Dr. Tammie Dewan, Alberta Children's Hospital, Calgary, Alberta, Canada. Coordinated multiple research studies regarding Family-Centered Care provided to hospitalized Children with Medical Complexity and their families

April 2008 – September 2009

Clinical Research Nurse, Pediatric Hematology/Oncology/Blood and Marrow Transplant Program, Alberta Children's Hospital, Calgary, Alberta, Canada

November 2009 – November 2010

Research Assistant with Dr. Lynn McIntyre, Faculty of Community Health Sciences, University of Calgary, Calgary, Alberta, Canada. Project: Dietary habits among ultra poor women and children in Bangladesh.

Sept. 2006 – Dec. 2006

Graduate Research Assistant with Dr. Sonya Grypma, Faculty of Nursing, University of Lethbridge, Lethbridge, Alberta, Canada. Project: Transnational nursing history; Canadian, American, and Chinese network development.

TEACHING

Sessional Instructor

September 2021 – June 2022

Session Instructor, Graduate Studies, Trinity Western University, Masters of Leadership and Faculty of Nursing

- Leadership 634: Accountability & Performance in Healthcare
- Nursing 510: Foundations of Nursing Knowledge

October 2020 – April 2021

Sessional Instructor, Graduate Studies, University of Calgary, Faculty of Nursing

- N629 and 693 : Evidence-Based Nursing Final Knowledge Translation Project

Academic Appointment

August 2022 – 2025

Assistant Professor, Trinity Western University, School of Nursing

- Instruct NURS 224 – Evidence Informed Practice and NURS 510 – Foundations of Nursing Knowledge (undergraduate level)

- Instruct N692 and N693: Evidence-Based Nursing Final Knowledge Translation Project-
Supervise masters students for their final Knowledge Translation project or Thesis (masters level)
- Instruct NURS 710 - Research Foundations (doctoral level)
- Instruct N510 – Foundations of Nursing Knowledge (masters level)

September 2019 – July 2020

Assistant Professor, Seattle Pacific University, School of Health Sciences

- Taught undergraduate nursing students Research: Evidence Based Practice Theory course x 3
- Developed and implemented Concept Based Curriculum for undergraduate nursing programme
- Instructed undergraduate clinical nursing groups at the Seattle Children's Hospital
- Taught Doctorate of Nursing Practice students Research: Practice Inquiry

Clinical Teaching

Feb. 2008 – April 2008 and Jul. 2010 – Sep. 2010

Nurse Preceptor of 4th Year University of Calgary nursing students, Alberta Children's Hospital, Calgary, Alberta, Canada

- Educated students on assessment, medication administration, and management of patient care;
- Assessed student's practice and provided constructive feedback;
- Evaluated student's performance.
- Alice Chan, final focus preceptor student, currently working on Unit 2 at the Alberta Children's Hospital, Calgary, Alberta, Canada
- Marlene Do, final focus preceptor student, currently working in the operating room at the Alberta Children's Hospital, Calgary, Alberta, Canada

PROFESSIONAL AFFILIATIONS

- National Pediatric Nurse Scientist Collaborative

- College and Association of Registered Nurses of Alberta, No. 81524
- British Columbia College of Nurses and Midwives, No. 1017525
- United Nurses of Alberta, No. 71779
- Canadian Child Health Clinician Scientist Program (CCHCSP)
- Alberta Association of Infant Mental Health, Member at Large
- World Association for Infant Mental Health
- British Columbia College of Nurses and Midwives, No. 1017524

SERVICE

- Family-Centered Care Committee, Unit 2, Alberta Children's Hospital, Calgary, Alberta, Canada
- Research and Scholarly Development Committee, Faculty of Nursing, University of Calgary, Alberta, Canada
- Nursing Shared Governance: Innovation and Improvements Seattle Children's Hospital
- Nursing Research Committee: Trinity Western University School of Nursing
- Graduate Curriculum Committee: Trinity Western University School of Nursing
- Program Review Committee: Trinity Western University

REVIEWS

- 2011 Child: Care, Health & Development
- 2019 International Journal of Qualitative Methods
- 2020 Alberta Children's Hospital Foundation Child Health Research Development Fund
- 2020 Journal of Family Nursing
- 2021 JBI Evidence Synthesis
- 2021 Systematic Reviews
- 2021 Children's Health Care
- 2021 Perspectives in Psychiatric Care
- 2023 Pediatrics

2024 Planetary Health: Protector & Sustaining the Well-Being of Our Ecosystems

2024 BMC Health Services Research

2025 BMC Pediatrics