

LINDA A. DUFFETT-LEGER

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ACADEMIC CREDENTIALS

Ph.D. in Interdisciplinary Studies University of New Brunswick, Fredericton, NB Thesis: "Developing a Web-Based Approach to Promote Cervical Health in Young Women"	2011
Master of Nursing University of New Brunswick, Fredericton, NB Thesis: "Cervical Cancer Screening Practices of Young Women Attending University"	2006
Bachelor of Nursing – First Division University of New Brunswick, Fredericton, NB	1996
Bachelor of Arts University of New Brunswick, Fredericton, NB <ul style="list-style-type: none"> • Honours in Psychology 	1992

PROFESSIONAL AND COMMUNITY AFFILIATIONS

- Lead, Healthcare Innovation and Design Certificate Program, Faculty of Nursing, University of Calgary
- College of Registered Nurses of Alberta (CARNA), registered nurse
- Canadian Nurses Association (CNA), member
- Alberta Children's Hospital Research Institute (ACHRI), full member
- O'Brien Institute for Public Health, University of Calgary, associate member
- Brenda Strafford Centre for Aging, associate member
- Canadian Institute for Public Safety Research and Treatment (CIPSRT), member
- Academic, Research, and Clinician (ARC) Network, member
- Age-Well NCE, member

RESEARCH INTERESTS

- Co-design of digital health solutions
- Wearable/mobile health technologies
- Machine Learning (ML)/Artificial Intelligence (AI)
- Virtual reality therapeutics for dementia
- Development of e-learning technologies
- Experiential and simulation learning approaches

OTHER FORMAL EDUCATION

Introduction to Behaviour Change: Principles & Practice. University College of London (UCL), England, UK. This course focused on the application of the Behaviour Change Wheel in intervention research.	2020
Project Management Fundamentals. Tarek Consulting, Calgary, Alberta. This workshop represents 14 hours towards Project Management Professional (PMP) designation.	2018
Leadership for Nursing Excellence. Academic Leadership Academy, University of Calgary. Completed leadership workshop series sponsored by the designed for University of Calgary academic staff.	2017-18
User Experience Design (UXD Certification). Neilson Norman Group, London, England. Certified at Basic level (30 hours of training). Completed additional training towards Master level certification (15 hours of training).	2015-16

EMPLOYMENT HISTORY

Associate Professor, Health Technology & Informatics, Faculty of Nursing, University of Calgary, Calgary, AB	2019-present
Assistant Professor, Health Technology & Informatics Faculty of Nursing, University of Calgary, Calgary, AB	2014-19
Assistant Professor Faculty of Nursing, University of New Brunswick, Fredericton, NB	2012-14
Senior Instructor Faculty of Nursing, University of New Brunswick, Fredericton, NB	2011-12
Clinical Instructor Faculty of Nursing, University of New Brunswick, Fredericton, NB	2000-10
Institute for Information Technologies (People-Centred Technologies Group), National Research Council (NRC)	2011
Research Program Director, Child Health Implementation & Longitudinal Development (CHILD) Studies Program, Faculty of Nursing, University of New Brunswick, Fredericton, NB	2003-11
Public Health Nurse, Region 3 Public Health, Department of Health and Wellness, Fredericton, NB	2000-02
Research Planning Officer, Provincial Epidemiology Service, Department of Health and Wellness, Fredericton, NB	1998-99
Registered Nurse, Stan Cassidy Rehabilitation Centre/ Dr. Everett Chalmers Hospital, Fredericton, NB	1996-98

ACADEMIC APPOINTMENTS

Visiting Professor Curtin University, Perth, Australia
<ul style="list-style-type: none"> • Dates of Appointment: August 28, 2024 – September 8, 2024 • Department: Faculty of Health Sciences • Responsibilities: Attendance at the Curtin School of Nursing 50th Anniversary Conference from 4-6 September 2024; Delivery of a 2 x Masterclass sessions on Wednesday 4 September; Delivery of Keynote Address at the conference on 5 or 6 September • Achievements: Exploring research collaborating and international hackathon event

Adjunct Professor | University of Calgary, Cumming School of Medicine, Calgary, AB

- Dates of Appointment: September 2024 -
- Department: Medical Science (MDSC) Graduate Program
- Responsibilities: Supervision of graduate students

Adjunct Professor | University of New Brunswick, Fredericton, NB, Canada

- Dates of Appointment: September 2014 -
- Department: Faculty of Graduate Studies
- Responsibilities: Supervision of graduate students

DISTINCTIONS, AWARDS, AND HONOURS

Excellence in Research Chair (decanal nomination), University of Calgary	2023
ASTech Award in AI/ML Applications in Social Innovation, Alberta Technology	2022
Order of Merit in Nursing Research (nominated), Canadian Nurses Association	2022
Nursing Research Excellence Award (nominated), Canadian Association of Schools of Nursing	2022
Peak Scholar in COVID-19 Innovation Excellence, VP Research, University of Calgary	2021
Excellence in Research, Pursuit of Excellence Award, Faculty of Nursing, University of Calgary	2021
The Covenant Health Faculty of Nursing Teaching Award, University of Calgary	2015
Social Enterprise Development Dialogue roundtable, UNB, pitch competition winner	2014
Featured in UNB Alumni News magazine for innovative research, Fall 2011	2011
Featured on UNB website for innovative doctoral research, Summer 2011	2011
Featured as Doctoral Fellow, Canadian Cancer Society Newsletter, April 2009.	2009
Featured as one of "Canada's Top 5 Women Revolutionizing Healthcare." Chatelaine Magazine,	2009
Nominated and invited to attend CIHR Institute of Population and Public Health (IPPH-IHSPR) Summer Institute on Intervention Research. Banff, Alberta, June 23-25.	2007
Nominated and invited to present poster at CIHR- Institute of Gender and Health 5 th National Symposium in Halifax, NS, November 6-7.	2006
Nominated and invited to attend CIHR- Institute of Gender and Health 4 th National Symposium in Vancouver, BC, November 7-8.	2005
Nominated as a "Future Dame for Democracy" in the Telegraph Journal, Fredericton, NB	2002
Dean's List, University of New Brunswick	1992-96

SCHOLARSHIPS AND FELLOWSHIPS

Canadian Institutes of Health Research, Health Professional Doc Fellowship (\$110,000)	2008-10
National Cancer Institute of Canada, Honorary Doctoral Fellowship (\$45,000)	2008-10
Canada Research Chair Program, Graduate Research Fellowship (\$15,000)	2008-09
Canadian Institutes of Health Research, Graduate Fellowship (\$12,000)	2008-09
Canada Research Chair Program, Graduate Research Fellowship (\$19,000)	2007-08
Canadian Institutes of Health Research, Graduate Fellowship (\$29,000)	2007-08
Canadian Nurses Association, Sigma Theta Tau Doctoral Student Award (\$1,900)	2007-08
Canada Research Chair Program, Graduate Tuition Award (\$5,700)	2006-07
Canadian Institutes of Health Research, Graduate Fellowship (\$28,000)	2006-07
New Brunswick Innovation Foundation Research Assistantship (\$10,000)	2006-07
UNB School of Graduate Studies, Graduate Research Assistantship (\$7,000)	2006-07
UNB Nursing Faculty, McPhedran Award (\$3,800)	2006-07
Canadian Nurses Foundation, Nurses Association of New Brunswick Award (\$5,000)	2004-05
UNB Faculty of Nursing, Nurses Association of New Brunswick/Monex Award (\$625)	2003-04
UNB Faculty of Nursing, Helen Gibson Award (\$600)	2003-04
UNB Faculty of Nursing, Nurses Association of New Brunswick/Monex Award (\$625)	2000-01

Duffett-Leger, Linda	April 28, 2026
UNB Faculty of Nursing, Nurses Association of New Brunswick/Monex Award (\$625)	1999-00
UNB Faculty of Nursing, Teaching Assistantship (8,000)	1999-00
UNB, Board of Governors Award (\$2,300)	1999-00
Burroughs Wellcome Nursing Health Economics Award (\$500)	1996
Monique Begin National Scholarly Nursing Competition (\$100)	1995
UNB, DECH Auxiliary Bursary (\$1000)	1994-95
UNB, DECH Auxiliary Bursary (\$1000)	1993-94
UNB, Undergraduate Scholarship (\$1000)	1993-94
UNB, Fraser, Nancy M. & Stone, Clara R. Scholarship (\$600)	1993-94

GRANTS: RESEARCH

PI: Duffett-Leger, L., Co-PIs: Beck, A and Bright, K., Co-Is: Dimitropoulos, G., Yanushkevich, S., Ferber, R. <i>Supporting Emotional Wellness in Nurses and Social Workers E-Mental Health (SENSE) Program - Combining Virtual Cognitive Behavioral Therapy and AI-Enabled e—Coaching Strategies: Implementation and Testing of a Novel Approach to Mitigating Moral Injury Among Frontline Healthcare Workers.</i> LevMax Health, Alberta Innovates, \$750,000	2026-29
<i>PI: Yanushkevich, S., Duffett-Leger, L., O’Neil, T. Multipurpose Intelligent Tools for Cognitive Awareness Support, NATO Science for Peace and Security Programme,</i> 350,580 EUR	2025-28
<i>PI: Fear, E., & Duffett-Leger, L., Understanding Barriers to Breast Imaging.</i> Transdisciplinary Scholarship Connector Grants, University of Calgary, \$17,000	2024-25
<i>PI: Davidson, S., Risling. T., & Duffett-Leger, L., The Hive Transdisciplinary World Cafe and Hackathon Event, Transdisciplinary Scholarship Connector Grants, University of Calgary,</i> \$17,000	2024-25
PI: Duffett-Leger, L., Dimitropoulos, G., Moshirpour, M., Yanushkevich, S., Ferber, R., Bright, K., & Beck, A. & Carleton, N. <i>Development and Pilot Testing of an Intelligent Online Psychoeducational Support Program (SENSE).</i> Supporting Psychological Health in First Responders Grant Program (SPHIFR), Alberta Ministry of Labour & Immigration, \$217,394	2024-25
PI: Duffett-Leger, L., Co-As: Letourneau, N., Tryphonopolous, P. & Moshirpour, M., <i>Development and Validation of Enabling Quality Interactions with Parents (EQUIP): An Automated Software that Codes Parent-Child Interaction Quality,</i> SSHRC Insight Grant, \$397,623	2023-27
Project Lead: Dr. Mary Brindle. Co-Leads: Duffett-Leger, L., Ferguson-Pell, M., Ganesh, A., James, M., Kuziemy, C., Pannu, N., Saunders, C., Tandon, P., Williamson, T. <i>eHealth and mHealth Technologies - Focus on applied arena of social innovation that spells out elements of how digital technologies/innovations might be applied in social dynamics.</i> Major Innovation Fund, \$6,336,500	2023-27
PI: Duffett-Leger, L., Dimitropoulos, G., Moshirpour, M., Yanushkevich, S., Ferber, R., Bright, K., Beck, A., & Smith MacDonald., L. <i>Development of Virtual Psychosocial Support Program (SENSE) for Moral Injury in Nurses and Social Workers.</i> University of	2022-23

Calgary: Vice-President Research Office Vice-President Research Catalyst Grant, **\$13,000.**

PI: Letourneau, N., Co-As: Graham, I., Parilla Lopez, M.J., Reimer, J., **Duffett-Leger, L.**, Moshirpour, M., Mackenzie Ross, K., Nixon, K., & Stewart-Tufescu, A. *Attachment and Child Health (ATTACH™) Online: Implementation Across Alberta to Promote Healthy Parent-Child Relationships and Mental Health and Development of Children Affected by Early Adversity*. CIHR Team Grant: Mental Health in the Early Years Implementation Science, **\$1,100,000**

PI: Sanati-Nezhad, A. Co-PIs: **Duffett-Leger, L.**, & Ferber, R. *REMOTE Study: Longitudinal Monitoring of the Incidence of SARS-CoV-2 Infection and Immunity Levels in Long-term Care Facilities*. CIHR Operating Grant, **\$500,000**

PI: Nerenberg KA, Chawla S, **Duffett-Leger L**, Eckert B, Gagliardi A, Martin E, Metcalfe A, Norris C, Saunders C, Sherifali D, & Tomfohr-Madsen L. IMPROVE- Virtual HEALTH (Healthy Eating Active Living through Technology @ Home) 4 Moms. *Alberta Innovates Accelerating Innovations in CarE (AICE) – Concepts Competition*. **\$572,185**

PI: Duffett-Leger, L., Co-PIs: Letourneau, N., MacKay, L., Tryphonopolous, P., Dennis, C-L., Moshirpour, M., & Sinclair, S. *Development, Validation and Testing of Enabling Quality Interaction with Parents (EQUIP): An Automated Software that Codes Parent Child Interaction Quality*. SSHRC Insight Development Grant, **\$72,000**

PI: Duffett-Leger, L., Co-PIs: Letourneau, & Moshirpour, M. *Development of Enabling Quality Interaction with Parents (EQUIP): An Automated Software that Codes Parent Child Interaction Quality*. University of Calgary: Vice-President Research Office Vice-President Research Catalyst Grant, **\$14,000.**

PI: Duffett-Leger, L., Co-PIs: Letourneau, N., Moshirpour, M., MacKay, L., Sinclair, S., Tryphonopolous, P., & Dennis, C-L. *Development, Validation and Testing of Enabling Quality Interaction with Parents (EQUIP)*, CHW Grand Challenge Catalyst 'Seedling' Award, **\$50,000**

PI: Duffett-Leger, L., Co-PIs: Schwartz, K., McLuckie, A., McMorris, C., Ferber, R. & Moshirpour, M. *Before Operational Stress (BOS) and BOS-Family: Development of Virtual Support Programs for Public Safety Personnel and their Families, Supporting Psychological Health in First Responders Grant Program (SPHIFR)*, Alberta Ministry of Labour & Immigration, **\$201,614**

PIs: Schwartz- K., McLuckie, A., Co-I: **Duffett-Leger, L.**, & Ferber, R. *Growing Up in PSP Families: Youth and Spouse as Non-Professional Mental Health Supports in PSP Families*, CIHR Team Grant, **\$1,000,000**

PI: Duffett-Leger, L., Co-PIs: Letourneau, N., Tryphonopolous, P., Dennis, C-L., & Moshirpour, M. *ATTACH™ & VID-KIDS: Rapid User-Informed Web and Mobile Interface Development, Adaptation and Pilot Testing to Support Children's Mental Health and Development*. COVID-19 Mental Health & Substance Use Service Needs and Delivery, **\$199,440.37**

Duffett-Leger, Linda	April 28, 2026
PI: Letourneau, N., Co-PIs: Duffett-Leger, L. , Tryphonopolous, P., & Moshirpour, M. <i>Responding to COVID-19: Online support for mothers with depression and their infants and epigenetic impacts.</i> Anonymous Donor, \$87,100	2020-21
PI: Duffett-Leger, L. , Co-Is: Ferber, R., Jacob C. <i>Developing a Wearable Technology to Reduce Lower Back Pain in Nursing Students: A Follow-up Pilot Study.</i> Faculty of Nursing Endowment Award, \$15,000	2019-21
PI: Duffett-Leger, L. , Co-PI: McGhan, G. <i>Going Down Memory Lane: Developing a Technological Intervention for Older Adults Living with Dementia and Their Family Caregivers.</i> University of Calgary Faculty of Nursing Research Special Operating Grants, \$25,000	2019-21
PI: Ferber, R.; Co-Is: El-Sheim, N., Duffett-Leger, L. , Jacob, C., & Liang, S. <i>NSERC CREATE Wearable Technology Research and Collaboration (We-TRAC) training program.</i> Natural Sciences & Engineering Research Council – Collaborative Research and Training Experience (CREATE) Program, \$1,650,000	2018-24
PI: Duffett-Leger, L. , Co-Is: Ferber, R., Jacob C. <i>Developing a Wearable Intervention to Prevent Lower Back Pain Among Nursing Students: A Pilot Study.</i> University of Calgary Faculty of Nursing Research Special Operating Grants, \$24,800	2017-19
PI: Duffett-Leger, L. <i>Engaging Seniors in the Development of Assistive Technologies to Support Aging in Place.</i> University of Calgary Faculty of Nursing Interdisciplinary Research Team Development Grant, \$10,000	2017
PI: Duffett-Leger, L. ; Co-Is: Ferber, R., & Jacob C. <i>Exploring Factors Contributing to Nursing Students' and Graduate Nurses' Risk for Lower Back Pain: A Pilot Study.</i> Faculty of Nursing Interdisciplinary Team Development Fund. Matching funds received through the University of Calgary-Vice-President Research Office, STiMM program (PI: Ferber), BME Research priority, \$20,000	2017
PI: Duffett-Leger, L. <i>Developing an Aggregate Application (NursApp) in an Introductory Nursing Course,</i> Office of the Dean of Nursing, University of Calgary, \$10,000	2017
PI: Tryphynopolous, P., Letourneau, N., Dennis, C-L., Duffett-Leger, L. <i>Video-Feedback Interaction Guidance for Improving Interactions Between Depressed Mothers and their Infants,</i> CIHR Project Scheme \$700,000	2016-20
PI: Ferber, R. Petovello, M., El-Sheim, N., Duffett-Leger, L. , Kuo, A., Jacob, C., & Liang, S. <i>Sensor Technology in Monitoring Movement (STiMM) Program,</i> University of Calgary, BME Research Strategy, \$200,000	2016-19
PI: Archer-Kuhn, B., Duffett-Leger, L. Weber, J., Downey-Damato, A., McKillop, M., Wright, A., & Talen, T. <i>Participatory Action Research: Developing a Team,</i> Alberta Centre for Child, Family and Community Research, \$10,000	2016
PI: Letourneau, N., Co-I's: Duffett-Leger, L. , Ursel, J., & Hampton, M. <i>Assessing Domestic Violence in the Jewish Communities of the Prairie Provinces,</i> CARE: Prairie Action Foundation, \$28,417	2015

- PI: Letourneau, N., Co-Is: **Duffett-Leger, L.**, Stewart, M., & Dennis, C-L. *Sustainable Telephone-Based Peer Support for Mothers with Postpartum Depression*, CIHR Partnerships for Health Systems Improvement, **\$499,000** 2009-12
- PI: Letourneau, N., Co-Is: **Duffett-Leger, L.**, Levac, L., Watson, B., & Young, C. *Unraveling the Relationship Between Socio-Economic Status and Child and Adolescent Behavioural, Cognitive and Language Development*, Human Resources and Skills Development Canada, **\$43,000** 2009-10
- PIs: Letourneau, N., **Duffett-Leger, L.**; Co-Is: Brannen, C., Critchley, K., Secco, L. & Dennis, C.L. *Postpartum Depression: Screening and Interventions in the Maritimes*. Canadian Institutes of Health Information: Meetings, Planning and Dissemination Grant, **\$14,642** 2009-10
- PI: Letourneau, N., Co-Is: **Duffett-Leger, L.**, Stewart, M., Hegadoren, K., Doucet, A., Benzies, K., & Dennis, C.L. *Support for Fathers Affected by Postpartum Depression*, Canadian Institutes of Health Information Operating Grant, **\$173,669** 2008-10
- PI: Letourneau, N., Alexander, W., Co-Is: **Duffett-Leger, L.**, Stewart, M., & Hauer, C. *Identifying the support needs of fathers affected by postpartum depression: A pilot study*, Atlantic Health Sciences Corporation Health Promotion and Research Fund, **\$20,962** 2007-09
- PI: Letourneau, N., & **Duffett-Leger, L.** *Longitudinal study of the relationship between postpartum depression and intimate partner violence*, CIHR Fellowship and New Brunswick Innovation Foundation, **\$25,000** 2006
- PI: N. Letourneau, Co-I: **Duffett-Leger, L.** *Identifying the support needs of fathers affected by postpartum depression*, CIHR Fellowship and New Brunswick Innovation Foundation, **\$15,000** 2006

PEER-REVIEWED PUBLICATIONS

- Duffett-Leger, L.**, Beck, A., & Bright, K., Wajid, A. (under review). Assessing Work-Related Musculoskeletal Prevalence and Symptoms in Undergraduate Nurses: A Cross-Sectional Survey. [Manuscript submitted to *International Journal for Nursing Studies*].
- Komanchuk, J., Letourneau, N., Duffett-Leger, L., Healy, P., Very, M., Huang, Z., ... & Cameron, J. L. (2024). Evaluation of the Online First Pathways Program for Equity-denied Families: A Randomized Controlled Trial. *Journal of Child and Family Studies*, 1-15.
- Komanchuk, J.*, Letourneau, N., **Duffett-Leger, L.**, & Cameron, J. L. Komanchuk, J., Letourneau, N., Duffett-Leger, L., & Cameron, J. L. (2023). History of “serve and return” and a synthesis of the literature on its impacts on children’s health and development. *Issues in Mental Health Nursing*, 44(5), 406-417.
- Komanchuk, J.*, Cameron, J. L., Kurbatfinski, S., **Duffett-Leger, L.**, & Letourneau, N. (2023). A realist review of digitally delivered child development assessment and screening tools: Psychometrics and considerations for future use. *Early Human Development*, 183, 105818.
- Komanchuk, J.*, Toews, A. J., Marshall, S., Mackay, Lyndsay Jerusha., Hayden, K. A., Cameron, J. L., **Duffett-Leger, L.**, Letourneau, N. (2023). Impacts of parental technoference on parent-child relationships and child health and developmental outcomes: A scoping review. *Cyberpsychology, Behavior, and Social Networking*, 26(8), 579-603.

- Komanchuk, J.*, Letourneau, N., **Duffett-Leger, L.**, & Cameron, J. L. (2023). Recruitment and retention strategies for parents experiencing vulnerability: Lessons from an online parenting program. *Canadian Journal of Nursing Research*, 55(3), 377-387.
- Brockway, M., Mcleod, S.*, Kurilova, J., Fenton, T. R., **Duffett-Leger, L.**, & Benzies, K. M. (2023). Breastfeeding self-efficacy predicts breastmilk feeding in preterm infants at discharge from the neonatal intensive care unit. *Nursing Open*, 10(3), 1863-1870.
- Duffett-Leger, L.**, Tryphonopoulos, P., MacKay, L., Beck, A., Moshipour, M., Poelzer, K., ... & Letourneau, N. (2022). 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*, 18(1): 49-72.
- Duffett-Leger, L.**, Beck, A. J., Siddons, A., Bright, K. S., & Hayden, A. (2021). What do we know about interventions to prevent low back injury and pain among nurses and nursing students? A scoping review. *Canadian Journal of Nursing Research*, 1-48. 08445621211047055.
- Keys, E.*, Benzies, K. M., Kirk, V., & **Duffett-Leger, L.** (2021). Effect of Play2Sleep on mother- and father-reported infant. *Journal of Clinical Sleep Medicine*, 18(2): 439-452
- Beck, A.*, **Duffett-Leger, L.**, Bright, K., Keys, E., Hayden, A., Ward, T., & Ferber, R. (2021). Using wearable and mobile technology to measure and promote healthy sleep behaviors in adolescents: a scoping review protocol. *JBI Evidence Synthesis*, 19(10): 2760-2769.
- Barcelo, A., **Duffett-Leger, L.**, Pastor-Valero, M., Pereira, J., Colugnati, F., & Trapido, E. (2021). The Role of education on cancer Amenable Mortality among Blacks & Whites in the United States (1989-2018). *BMC Cancer*, 21(1): 1-13.
- Ragan, L.*, **Duffett-Leger L.**, Laing, C., & Boctor, D. (2021). Exploring informational needs of parents of children with intestinal failure: A thematic analysis. *Journal of Pediatric Nursing*, 60: 230-237.
- Virani, A.*, **Duffett-Leger, L.**, & Letourneau, N., (2021). Parents' use of mobile applications in the first year of parenthood: A narrative review of the literature. *Health Technology*, 5:10
- Clermont, C.A.*, **Duffett-Leger, L.**, Hettinga, B.A., & Ferber, R. (2020). Runners' perspectives on 'smart' wearable technology and Its use for preventing injury (Doctoral Research). *Sports Health Magazine*, 38(1): 22.
- Virani, A.*, **Duffett-Leger, L.**, & Letourneau, N., (2020). Parents' perspectives of parenting app Use, *Journal of Nursing Informatics*, 5(1): 8-18.
- Clermont, C.A.*, **Duffett-Leger, L.**, Hettinga, B.A., & Ferber, R. (2020). Runners' perspectives on 'smart' wearable technology and Its use for preventing injury. *International Journal of Human-Computer Interaction*, 36(1), 31-40. Doi: 10.1080/10447318.2019.1597575.
- Virani, A.*, **Duffett-Leger, L.**, & Letourneau, N., (2019). Parenting apps review: In search of good quality apps, *mHealth*, 5:44.
- Jones, D.*, Letourneau, N., & **Duffett-Leger, L.** (2019). Predictors of infant care competence among mothers with postpartum depression. *Clinical Medicine Insights: Reproductive Health*, 13, 1179558119834910.
- Jones, D.*, Letourneau, N., & **Duffett-Leger, L.** (2019). Systematic review of predictors of infant care competence among mothers with postpartum depression, *Journal of Nursing Education and Practice*, 9(5): 1179558119834910.
- Letourneau, N., Linder, J., Silverstone, A., Cosic, N., Ursel, J., Hampton, M., Kesten, C., **Duffett-Leger, L.**, Wood, K., Bisharat, S., & Zederayko, A. (2019). Domestic abuse in the Jewish communities of the Canadian Prairie Provinces, *Nursing Practice and Health Care*, 1(1): 2-8.
- Duffett-Leger, L.** & Beck, A.J. (2018). Reconsidering participatory design method with young adults: Exploring the use of social media for encouraging active participation. *Short paper for OzChi 2018 conference*. Melbourne, Australia, December 5-7, 2018.
- Keys, E.*, Benzies, K. M., Kirk, V., & **Duffett-Leger, L.** (2018). Using Play to improve infant Sleep: a mixed methods protocol to evaluate the effectiveness of the Play2Sleep intervention. *Frontiers in Psychiatry*, 9, 109. doi:10.3389/fpsy.2018.00109

- Doré, C.*, **Duffett-Leger, L.**, McKenna, M., Salsberg, J. & Breau, M. (October 2018). Participatory action research to empower hemodialysis nurses and reduce risk of burnout. *Canadian Association of Nephrology Nurses and Technologists (CANNT)*, 28(3)
- Doré, C., **Duffett-Leger, L.**, McKenna, M., & Breau, M. (2017). *Perspectives on burnout and empowerment among hemodialysis nurses and the current burnout intervention trends: A literature review*. *Canadian Association of Nephrology Nurses and Technologists (CANNT) Journal*, 27(4), 16-31.
- Doré, C.*, **Duffett-Leger, L.**, McKenna, M., Breau, M., & Dorais, M. (2018). Burnout and empowerment in hemodialysis nurses working in Quebec: A provincial survey. *CANNT Journal*, 28(1), 14-27.
- Duffett-Leger, L.**, Letourneau, N., Stewart, M., Dennis, C-L., Secco, L. (2016). Development of a telephone-based peer support program for new mothers with postpartum depression. *Current Women's Health Reviews*, 12(1), 48-57.
- Letourneau, N., **Duffett-Leger, L.**, Levac, L., Watson, B. & Young, K. (2013). Socioeconomic status and child development: A meta-analysis. *Journal of Emotional & Behavioral Disorders*, 21(3), 211-224.
- Letourneau, N., Dennis, C.L., **Duffett-Leger, L.**, & Tryphonopolous, P. (2012). Postpartum depression is a family Affair: Addressing the Impact on Mothers, Fathers, and Children. *Issues in Mental Health Nursing*, 33(7), 445-457.
- Letourneau, N., Duffy, L., & **Duffett-Leger, L.** (2012). Mothers affected by domestic violence: Intersections and opportunities with the justice system. *Journal of Family Violence*, 34, 353-370.
- Letourneau, N., Tryphonopoulos P., **Duffett-Leger, L.**, Stewart, M., Benzies, K., Dennis, & Joschko, J. (2012). Support intervention needs and preferences of fathers affected by postpartum depression. *Journal of Perinatal and Neonatal Nursing*, 26(1), 69-80.
- Letourneau, N., **Duffett-Leger, L.**, Levac, L., Watson, B. & Young, K. (2011). Socioeconomic status and child development: A meta-analysis. *Child: Care, Health & Development*, 12(7), 1-14.
- Letourneau, N., **Duffett-Leger, L.**, Watson, B., & Hegadoren, K. (2011). Cortisol patterns of depressed mothers and their infants are related to maternal-infant interactive behaviours. *Journal of Reproductive and Infant Psychology*, 29(5): 439-459.
- Letourneau, N., Stewart, M., Dennis, C.L., Hegadoren, K., **Duffett-Leger, L.**, & Watson, B. (2011). Effect of home-based peer support on maternal-infant interactions among women with postpartum depression: A randomized controlled trial. *International Journal of Mental Health Nursing*, 20, 345-357.
- Letourneau, N., **Duffett-Leger, L.**, Stewart, M., Dennis, C.L. & Tryphonopoulos, P. (2011). Identifying the Support Needs of Fathers Affected by Postpartum Depression: A Pilot Study. *Journal of Psychiatric and Mental Health Nursing*, 18(1): 41-47.
- Letourneau, N., **Duffett-Leger, L.** & Salmani, M. (2010). Maternal depressive symptoms and parenting of children from birth to 12 years. *Western Journal of Nursing Research*, 32(5), 662-685.
- Letourneau, N., **Duffett-Leger, L.** & Salmani, M. (2009). The role of paternal support in the behavioural development of children exposed to postpartum depression. *Canadian Journal of Nursing Research*, 41(3): 86-106.
- Letourneau, N., **Duffett-Leger, L.** & Young, C. (2009). Recruitment and relationships: Research with stigmatized and socially isolated mothers. *International Journal of Psychology Research*, 4(3/4), 251-274.
- Letourneau, N., **Duffett-Leger, L.** & Young, K., (2009). Recruitment and relationships: Research with stigmatized and socially isolated mothers. In E. Cuyler and M. Ackhart (Eds.) *Psychology of Relationships*. Hauppauge NY: Nova Scotia Publishers, Inc.
- Paterson, B., **Duffett-Leger, L.**, & Cruttenden, K. (2009). Contextual factors influencing the evolution of nurses' roles in a primary health care clinic. *Public Health Nursing*, 26(5): 421-429
- Duffett-Leger, L.**, Paterson, B., & Albert, W. (2009). Optimizing Health Outcomes by Integrating Health Behaviour and Communication Theories in the Development of eHealth Promotion Interventions. *eHealth International*, 4(2): 23

- Duffett-Leger, L.,** Letourneau, N., & Croll, J. (2008). Cervical Cancer Screening Practices of Young Women Attending University: A web-based survey. *Journal of Obstetric, Gynecologic and Neonatal Nursing*, 36(5): 441-449.
- Paterson, B., **Duffett-Leger, L.,** & Cruttenden, K. (2008). Contextual factors influencing the evolution of nurses' roles in a primary health care clinic. *Public Health Nursing*, 26(5): 421-429.
- Letourneau, N., **Duffett-Leger, L.,** Stewart, M., Hegadoren, K., Rinaldi, C. & Dennis, C.L. (2007). Canadian Mothers' Perceived Support Needs During Postpartum depression. *Journal of Obstetric, Gynecologic, and Neonatal Nursing*, 36(5): 441-449.
- Davidson, P., Rheame, A., Dykeman, M., Ericson, P., & **Duffett-Leger, L.,** (2007). Nurses' Voice: Influencing the Restructuring of the New Brunswick Health Care System. *Journal of Nursing Leadership*, 20(4): 98-112.

PEER-REVIEWED CONFERENCE PAPERS AND PROCEEDINGS

- Barati, R.,* Duffett-Leger, L., Moshirpour, M., and Moshirpour, M. (2023). Impact of Stress on Sleep Levels: A Comparative Machine Learning Study Based on Wearable Data, in Proceedings of the 2023 IEEE International Conference of Machine Learning Applications (ICMLA 2023), December 2023, Jacksonville, Florida, USA.
- Nikhbakhtbideh, B.,* Duffett-Leger, L., and Moshirpour, M. (2023). Behavior Analysis of Parent-Child Interactions from Text, in Proceedings of the 2023 IEEE International Conference of Machine Learning Applications (ICMLA 2023), December 2023, Jacksonville, Florida, USA.
- Nikhbakhtbideh, B.,* Duffett-Leger, L., and Moshirpour, M. (2023). An Ensemble Model for the Analysis of Parent-Child Interactions from Text and Audio, in Proceedings of the 2023 IEEE International Conference of Machine Learning Applications (ICMLA 2023), December 2023, Jacksonville, Florida, USA.
- Moshirpour, M., Al Shoura, T.*, Duffett-Leger, L., & Moshirpour, M. (2023, October). Multidisciplinary Hackathons: Towards Developing Practical Software Engineering Skills. In *2023 IEEE Frontiers in Education Conference (FIE)* (pp. 01-09). IEEE.
- Salmani, A.*, Imani, A., Bahrehvar, M., **Duffett-Leger, L.,** & Moshirpour, M. (2022) A Data-Centric Approach to Evaluate Requirements Engineering in Multidisciplinary Projects, *IEEE International Conference on Systems, Man, and Cybernetics (SMC)*, Prague, Czech Republic, pp. 903-908, doi: 10.1109/SMC53654.2022.9945270.
- Salmani, A.*, Imani, A. Bahrehvar, M. **Duffett-Leger, L.,** & Moshirpour, M. (2022). An Intelligent Methodology to Enhance Requirements Engineering in Multidisciplinary Projects, *2022 IEEE Canadian Conference on Electrical and Computer Engineering (CCECE)*, Halifax, NS, Canada, 2022, pp. 452-457, doi: 10.1109/CCECE49351.2022.9918286.
- Schwartz, K., Park, J., McMorris, C., Harris, D., McLuckie, A., Van Bavel, M., Ferber, R., **Duffett-Leger, L.** et al. (June 18, 2020). Does it hurt when I do this? First responders and their families, Canadian Psychological Association (CPA) 83rd Annual National Conference, Calgary, Alberta.
- Virani, A., **Duffett-Leger, L.,** & Letourneau, N. (March 2020). *Developing an Online Resource to Support Parent's Mobile Applications (App) Search*. Paper will be presented at the Sixteenth International Conference on Technology, Knowledge & Society, at the University of Illinois, Urbana-Champaign. Illinois, USA.
- Virani, A.*, **Duffett-Leger, L.,** Letourneau, N., & Stroulia, E. (October 2019). *Review and Evaluation of Mobile Applications (Apps) for Parents*. Paper presented at the American Academy of Pediatrics (AAP) National Conference & Exhibition: 2019 Council on Clinical Information Technology (COCIT). New Orleans, Louisiana, USA.
- Virani, A.* & **Duffett-Leger, L.** (May 6, 2019). *Review and evaluation of mobile applications (apps) for parents*. 5th Annual International Conference on Nursing, Athens, Greece.

- Duffett-Leger, L.** & Beck, A.J. (December 5-7, 2018). Reconsidering participatory design method with young adults: Exploring the use of social media for encouraging active participation. *Short paper for OzChi 2018 Conference*. Melbourne, Australia.
- Letourneau, N., Tryphonopoulos, P., Bon Bernard, J., Ali, E., Deane, A., Oxford, M., Currie, G., Dennis, C., McNeil, D. & **Duffett-Leger, L.** (May 27, 2018). "VID-KIDS": Video-feedback interaction guidance intervention for mothers affected by depression and their infants: A randomized control trial (RCT). World Association for Infant Mental Health Congress, Rome, Italy.
- Duffett-Leger, L.** & Lumsden, J. (July 2010). An argument for using participatory approaches for the design of online health interventions targeted at young women. *Health Informatics Congress 2010 Conference Proceedings*. Birmingham, England.
- Duffett-Leger, L.**, Lumsden, J. (September 2008). *Online Health Promotion: A "Health Check"*. International Symposium on Technology and Society (ISTAS) 2008 conference proceedings. Fredericton, New Brunswick.

RESEARCH IMPACT

The "Student Pap Test Survey" I developed in my MN thesis (Duffett-Leger, 2008) has been cited in several other studies globally, including:

- Kang, K. A., Kim, S. J., & Kaneko, N. (2017). Factors influencing behavioral intention to undergo Papanicolaou testing in early adulthood: Comparison of Japanese and Korean women. *Nursing & Health Sciences*, 19(4), 475-484.
- Ackerson, K., Zielinski, R., & Patel, H. (2015). Female college students' beliefs about cervical cancer screening. *Journal of Research in Nursing*, 20(2), 147-159.
- Kim, H. W. (2014). Awareness of Pap testing and factors associated with intent to undergo Pap testing by level of sexual experience in unmarried university students in Korea: results from an online survey. *BMC Women's Health*, 14, 100. <http://doi.org/10.1186/1472-6874-14-100>
- Lu, H. Y. (2014). Determinants of intentions among Taiwanese women to seek information regarding cervical cancer. *Journal of Nursing Research*, 22(2), 101-110.
- Sha-Mohammadi, Z., Jalilian, F., Mirzaei-Alavijeh, M., Mahboubi, M., Zinat-Motlagh, F., Karami-Matin, B., & Hatamzadeh, N. (2014). Intention and Behavioral Stages in Pap Testing: A Cross-Sectional Study among Kermanshah Women's, the west of Iran. *Journal of Biology and Today's World*, 3(1), 11-4.
- Regado, B., Matos, C., Barbosa, C., Cadavez, H., Faria, I., & Araújo, S. (2014). Estudo PRECIT: Prevalência de citologia cervical atualizada e fatores associados em enfermeiras e médicas da ULS Alto Minho. *Revista Portuguesa de Medicina Geral e Familiar*, 30(6), 360-366.
- Shea, J., Klainin-Yobas, P., & Mackey, S. (2013). Young Singaporean women's knowledge of cervical cancer and pap smear screening: a descriptive study. *Journal of Clinical Nursing*, 22(23-24), 3310-3319.
- Jalilian, F., & Emdadi, S. (2011). Factors related to regular undergoing Pap-smear test: application of theory of planned behavior. *Journal of Research in Health Sciences*, 11(2), 103-108.
- Arrastia, M. (2009). Have You Heard? Predictors Of HPV Awareness Among A Random Sample Of College Students. (source?)

RESEARCH AND POLICY BRIEFS

- Duffett-Leger, L.** (2014, November) *Reforming the Justice System to Better Meet the Needs of Children Affected by Intimate Partner Violence*. RESOLVE Newsletter
- Duffett-Leger, L.**, & Letourneau, N. (2009, February) *Postpartum Depression Screening: Role for Nurses in New Brunswick?* Canadian Federation of Nurses Newsletter
- Duffett-Leger, L.**, & Letourneau, N. (2009, February) *Postpartum Depression Screening: Role for Nurses in New Brunswick?* INFO, Nurses Association of NB

- Letourneau, N., & **Duffett-Leger, L.** (2008, December) *N.B. Postpartum depression screening results*. NB Women's News.
- Young, K., & **Duffett-Leger, L.** & Letourneau, N. (2007) *Child Health Intervention and Longitudinal Development (CHILD) Studies Program*. New Brunswick Association of Social Workers Dossier.
- Letourneau, N. & **Duffett-Leger, L.** *Researchers Seeking Mothers with Depression*. Letter to the Editor, Daily Gleaner, Fredericton, Dec. 15, 2004.
- Letourneau, N., Donovan, J., Tryphonopoulos, P. & **Duffett-Leger, L.** (2010). *Identifying the Support Needs of Fathers Affected by Postpartum Depression: A Pilot Study*. Final Report, Atlantic Health Sciences Prevention Research Fund.
- Letourneau, N., **Duffett-Leger, L.**, Levac, L., Watson, B., & Young, C. (2010). *Unravelling the relationship between socio-economic status and child and adolescent behavioural, cognitive and language development*. Final Report, Human Resources and Skills Development Canada.
- Letourneau, N., & **Duffett-Leger, L.** (2010). *Postpartum depression: Screening and interventions in the Maritimes*. Final Report, Canadian Institutes of Health Research.
- Letourneau, N., & **Duffett-Leger, L.** (2009). *Postpartum Depression Screening and Intervention in the Maritimes: Where Do We Go from Here?* Final Report, Partnerships in Health Systems Improvement to Canadian Institutes of Health Research.
- Letourneau, N., **Duffett-Leger, L.**, Stewart, M., Hegadoren, K., Rinaldi, C., & Dennis, C.L. (2007). *Mothers' and Service Providers' Perspectives of Needs, Resources, Barriers, and Preferences for Support Intervention for Postpartum Depression*. Final Report. CHILD Research Program, University of New Brunswick, Fredericton, NB.
- Duffett-Leger, L.**, Lavoie, S., & Letourneau, N. &. (2006). *Support for Women Who Experienced Symptoms of Postpartum Depression: Final Report*, University of New Brunswick, Fredericton, NB.
- Letourneau, N., Young, C., & **Duffett-Leger, L.** (2006). *Postpartum depression: Myths and realities conference*. CHILD Research Program, University of New Brunswick, Fredericton, NB.
- Duffett-Leger, L.** & Letourneau, N. (2007). *Promote Self-Sufficiency in New Brunswickers by Promoting New Brunswick as a Family-Friendly Province by Investment in Healthy Child Development in the Preschool Years (0-5years)*. Policy Brief presented to the New Brunswick Self-Sufficiency Task Force.
- Letourneau, N., Young, C., & **Duffett-Leger, L.** (2006). *Postpartum Depression: Myths and Realities Conference. Final Report*, CHILD Research Program, University of New Brunswick, Fredericton, NB.
- Duffett-Leger, L.**, Lavoie, S., & Letourneau, N. &. (2006). *Support for Women Who Experienced Symptoms of Postpartum Depression: Final report*, University of New Brunswick, Fredericton, NB.
- Letourneau, N., Young, C., & **Duffett-Leger, L.** (2006). *Postpartum Depression: Myths and Realities Conference: Summary Report*, University of New Brunswick, Fredericton, NB.

TRAINING MANUALS

- Duffett-Leger, L.** (2024) *The Supporting Emotional wellness in Nurses and Social workers E-mental health (SENSE) program virtual psychoeducational program*. University of Calgary, Calgary, AB.
- Young, C. Letourneau, N., & **Duffett-Leger, L.** (2005). *Mothers offering mentorship and support (MOMS) project: Peer support manual*. University of New Brunswick, Fredericton, NB.

PEER REVIEWED PRESENTATIONS

- Duffett-Leger, L.**, Tryphonopoulos, P., Letourneau, N., Moshirpour, M., McNeil, D., Dennis, C-L., Anis, L., & Hart, M., (2023). *Adapting the ATTACH Parenting Program for Virtual Delivery Through User-Engaged Design*. Poster presentation. World Association for Infant Mental Health Conference, Dublin, Ireland, July 17.
- Duffett-Leger, L.**, Tryphonopoulos, P., Letourneau, N., Moshirpour, M., McNeil, D., Dennis, C-L., Anis, L., & Hart, M. (2023). *Pilot Testing the ATTACH Virtual Program: Findings and Insights*. Brief oral presentation. World Association for Infant Mental Health Conference, Dublin, Ireland, July 19.

- Duffett-Leger, L.**, Tryphonopoulos, P., Letourneau, N., Moshirpour, M., McNeil, D., Dennis, C-L., Beck, A. (2023). *User-Engaged Design in the Adaptation of VID-KIDS Home Visiting Program for Virtual Delivery*. Brief oral presentation. World Association for Infant Mental Health Conference, Dublin, Ireland, July 19.
- Duffett-Leger, L.**, Tryphonopoulos, P., Letourneau, N., Moshirpour, M., McNeil, D., Dennis, C-L., Beck, A. (2023). *VID-KIDS Virtual Program: Pilot Testing of a Prototype Design*. Poster Presentation. World Association for Infant Mental Health Conference, Dublin, Ireland, July 17.
- Schwartz, K., Park, J., McMorris, C., Harris, D., McLuckie, A., Van Bavel, M., Ferber, R., **Duffett-Leger, L.** et al. (2020). Does it hurt when I do this? First responders and their families. Oral presentation. Canadian Psychological Association 83rd Annual National Conference. Calgary, Alberta, June 18.
- Duffett-Leger, L.** (2020). *Leveraging Wearable Technology to Support Nurses in Monitoring and Managing Lower Back Injury*. Oral presentation. Canadian Nurses Association Biennium Convention: Take Care of Nurses to Take Charge of Health. Ottawa, Ontario, June 23-24.
- Duffett-Leger, L.** (2020). *We've Got Your Back: Understanding the Prevalence and Symptoms of Musculoskeletal Injuries Among the Next Generation of Canadian Nurses*. Oral presentation. Canadian Nurses Association Biennium Convention: Take Care of Nurses to Take Charge of Health. Ottawa, Ontario, June 23-24.
- Duffett-Leger, L.** (2020). *Developing Wearable Technology to Prevent Lower Back Injury Among Nurses: Experiences Leading Interdisciplinary Co-Design*. Oral presentation. International Council of Nurses NP/APN Network Conference. Halifax, Nova Scotia, Aug. 30-Sept 2.
- Duffett-Leger, L.** (2020). *Musculoskeletal Injury Prevalence and Symptoms Among Undergraduate Nurses: Implications for Nursing Resources in Health Systems*. Oral presentation. International Council of Nurses NP/APN Network Conference. Halifax, Nova Scotia, Aug. 30-Sept 2.
- Virani, A.* , Duffett-Leger, L., & Letourneau, N. (2020). *Developing an Online Resource to Support Parent's Mobile Applications (App) Search*. Paper presentation. Sixteenth International Conference on Technology, Knowledge & Society, at the University of Illinois, Urbana-Champaign. Illinois, United States. March 18.
- Duffett-Leger, L.** & Beck, A.J. (2018). Reconsidering participatory design method with young adults: Exploring the use of social media for encouraging active participation. Short paper. *OzChi 2018 conference*. Melbourne, Australia, Dec. 5.
- Letourneau, N., Tryphonopoulos, P., Bon Bernard, J., Ali, E., Deane, A., Oxford, M., Currie, G., Dennis, C., McNeil, D. & **Duffett-Leger, L.** (2018). "VID-KIDS": Video-feedback interaction guidance intervention for mothers affected by depression and their infants: A randomized control trial (RCT). Oral presentation. World Association for Infant Mental Health Congress, Rome, Italy, May 27.
- Keys, E.* , Benzie, K., Kirk, V., & **Duffett-Leger, L.** (2019). *Effectiveness of Play2Sleep with mothers and fathers of infants aged 5 months: A mixed methods study examining the effect of an intervention designed to improve parent-child interaction on infant sleep (A-1055-0001-00855)*. Oral presentation. World Sleep Congress, Vancouver, BC., Sept. 25.
- Virani, A.* & **Duffett-Leger, L.** (2019). *Review and evaluation of mobile applications (apps) for parents*. Oral presentation. 5th Annual International Conference on Nursing, Athens, Greece, May 6.
- Virani, A.* & **Duffett-Leger, L.** (2018). *Developing an Online Resource to Support Parents: Information-Seeking with Mobile Applications (apps)*. Paper presentation. Peer Beyond Graduate Research Symposium. University of Calgary, Alberta, Canada, Feb. 8.
- Duffett-Leger, L.** & Wilson, K. (2014). *Developing an Innovative Teaching and Learning App in Collaboration with First-Year Nursing Students*. Oral presentation. Canadian Association of Schools of Nursing Conference: Anticipating and Shaping the Future of Nursing Education. Halifax, NS, May 26-28.
- Duffett-Leger, L.**, & Wilson, K. (2012). *Exploring the Benefits and Challenges of using Audience Response Systems to Promote Active Learning Among First Year Nursing Students*. Oral presentation.

- Canadian Association of Schools of Nursing Conference: Innovation in Research and Knowledge Exchange, Toronto, ON, May 7-10.
- Letourneau, N., Tryphonopoulos, P., Stewart, M., Dennis, C.L., **Duffett-Leger, L.**, Doucet, A., Hauer, C., Benzies, K., & McGrath, P. (2011). *Identifying the support needs of fathers affected by postpartum depression: The DADS study*. Poster presentation. Canadian Mental Health Association Fredericton/Oromocto Region 2nd Annual Men's Conference, Nov. 29.
- Letourneau, N., Tryphonopoulos, P., Stewart, M., Dennis, C.L., **Duffett-Leger, L.**, Doucet, A., Hauer, C., Benzies, K., & McGrath, P. (2011). *Identifying the support needs of fathers affected by postpartum depression: The DADS study*. Poster presentation. New Brunswick Health Research Foundation 3rd Annual Health Research Conference, Moncton, NB, Nov. 8.
- Letourneau, N., Tryphonopoulos, P., Stewart, M., Dennis, C.L., **Duffett-Leger, L.**, Doucet, A., Hauer, C., Benzies, K., & McGrath, P. (2011). *Identifying the support needs of fathers affected by postpartum depression: The DADS study*. Poster presentation. Strategies for Working with Fathers V Conference, Toronto, ON, Oct. 20.
- Letourneau, N., Tryphonopoulos, P., Stewart, M., Dennis, C.L., **Duffett-Leger, L.**, Doucet, A., Hauer, C., Benzies, K., & McGrath, P. (2011). *Identifying the support needs of fathers affected by postpartum depression: The DADS study*. Poster presentation. Postpartum Support International Conference: Whole Care for the Whole Family. Seattle, Washington, Sept. 14-17.
- Duffett-Leger, L.**, & Lumsden, J. (2010). *An Argument for Using Participatory Approaches for the Design of Online Health Interventions Targeted at Young Women*. Oral presentation. HIC2010 Conference: The Future of Informatics 2010, Health Informatics Congress, Birmingham, England, UK, April 27-29.
- Hegadoren, K., Letourneau, N., Stewart, M., Dennis, C-L., Willms, J., **Duffett-Leger, L.** & Jones, Z. (2008) *Mothers Offering Mentorship and Support (MOMS): A Novel Intervention for Postpartum Depression*. Oral presentation. XI Pan American Nursing Research Colloquium, Quito, Ecuador, Nov. 10-13.,
- Letourneau, N., Hauer, C., **Duffett-Leger, L.**, & Weeks, M. (2008). *Supporting fathers affected by postpartum depression in their partner: Results of a pilot study*. Paper presentation. Father Involvement Research Alliance (FIRA) Conference, Toronto, ON, Oct. 22.
- Duffett-Leger, L.**, Lumsden, J. (2008). *Online Health Promotion: A "Health Check"*. Paper presentation. International Symposium on Technology and Society Conference. Oral presentation. Fredericton, NB, June 26.
- Letourneau, N., Stewart, M., Hegadoren, K., Dennis, C-L., Willms, D., & **Duffett-Leger, L.** (2008). *Mothers offering mentorship and support intervention (MOMS Study): Maternal-infant interactions and stress hormones*. Paper presentation. 11th International Conference on Social Stress Research, Santa Fe, New Mexico. May 31.
- Duffett-Leger, L.** (2008). *Analyzing YouTube: Multidisciplinary Approaches*. Roundtable discussion at International Communications Association Conference. Montreal, QC, May 22.
- Duffett-Leger, L.**, Young, K., Letourneau, N. (2007). *Recruitment Challenges and Vulnerable Groups*. Oral presentation. Muriel McQueen Family Violence Research Centre's annual Research Day, Nov. 13.
- Letourneau, N., **Duffett-Leger, L.**, Duffett-Weeks, H. (2007). *An RCT to Evaluate the Effect of Home-Based Peers Support on Maternal-Infant Health Outcomes, and Postpartum Depression*. Poster presentation. Zero to Three National Training Institute Conference. Orlando, Florida, Nov. 30.
- Letourneau, N., **Duffett-Leger, L.**, Stewart, M. (2007). *Supporting Mothers with Postpartum Depression: What do Fathers Need to Know?* Oral presentation. 11th Annual Conference of the Association for Research on Mothering (ARM), Maternal Health and Well-Being. Toronto, ON, Oct. 18.
- Letourneau, N., **Duffett-Leger, L.** Hiscock, C., Duffett-Weeks, H. (2007). *Mothers Offering Mentorship and Support Intervention*. Oral presentation. Preliminary research findings presented at Association of Women's Health and Neonatal Nursing Canada Conference. Halifax, NS, Oct. 18.
- Duffett-Leger, L.** (2007). *Developing a Web-based Health Promotion Intervention for Young Women Attending University Using a Participatory Research Design*. Oral presentation. 24th Canadian

International Qualitative & Ethnographic Research Conference: “Towards New Heights”,
Fredericton, NB, May 19.

Duffett-Leger, L. (2007). *Developing a Web-based Health Promotion Intervention for Young Women Attending University Using a Participatory Research Design*. Oral presentation. UNB Faculty of Nursing 12th Annual Research Day, Fredericton, NB, April 12.

Cluney, T., **Duffett-Leger, L.** & Letourneau, N. (2007). *Child Health Intervention and Longitudinal Development (CHILD) Studies Program*. Oral presentation. UNB Faculty of Nursing 12th Annual Research Day, Fredericton, NB, Apr. 13.

Duffett-Leger, L. (2006). *Cervical Cancer Screening Practices of Young Women Attending University: Study Findings and Future Plans*. Poster presentation. Fifth annual symposium for the CIHR Institute of Gender and Health, Halifax, NS, November 6.

Duffett-Leger, L. (2006). *Cervical Cancer Screening Practices of Young Women Attending University: Study Findings and Future Plans*. Oral presentation. UNB Faculty of Nursing 11th Annual Research Day, Fredericton, NB, April 28.

Letourneau, N., & **Duffett-Leger, L.** (2006). *Postpartum Depression: Causes, Consequences and Support Intervention*. Oral presentation. UNB Faculty of Nursing 11th Annual Research Day. Fredericton, NB, Apr. 28.

Letourneau, N., **Duffett-Leger, L.**, & Doiron, N. (2005). *Supporting Mothering after Violence: A Community-Based Research Plan*. Poster presentation. Partnering for Change Research Day, Muriel McQueen Fergusson Centre for Family Violence Research, Fredericton, NB, Nov. 7.

Duffett-Leger, L., Letourneau, N., Stewart, M., Dennis, C.L., Hegadoren, K., & Rinaldi, C. (2005). *Support for Women who Experienced Symptoms of Postpartum Depression*. Oral presentation. Atlantic Networks for Prevention Research Forum, White Rock, NS, Oct. 24.

Letourneau, N., & **Duffett-Leger, L.** (2005). *Postpartum Depression: Women’s Perspectives of their Support Needs*. Oral presentation. Postpartum Depression: Myths and Realities Conference. Fredericton, NB, Oct. 6.

Duffett-Leger, L., & Mercer, B. (2005) *Nursing Roles in a Nurse-Managed Primary Health Care Clinic: Perspectives and Experiences of Stakeholders*. Oral presentation. UNB Faculty of Nursing 10th Annual Research Day. Fredericton, NB, May 6.

Letourneau, N., **Duffett-Leger, L.**, Bentley White, K., Hegadoren, K., & French, R. (2005). *Support for Women Who Experienced Symptoms of Postpartum Depression: Challenges and Dilemmas in Data Collection in Rural and Urban Study Sites*. Oral presentation. UNB Faculty of Nursing 10th Annual Research Day, Fredericton, NB, May 6.

Letourneau, N., **Duffett-Leger, L.**, White, K., Stewart, M., Hegadoren, K., Dennis, C., & Rinaldi, C. (2005). *Mothers’ and Service Providers’ Perspectives of Support Needs Related to Postpartum Depression*. Oral presentation. Canadian Social Welfare Policy Conference. Fredericton, NB, June 17.

Duffett, L. (1992). *Effects of Parents’ Anger Behaviours on Children’s Play Activities*. Oral presentation. The 83rd Annual Canadian Psychological Association Conference. Montreal, Quebec, June

Duffett, L. (1992). *Effects of Parents’ Anger Behaviours on Children’s Play Activities*. Oral presentation. Atlantic University Students Conference. St. Mary’s University, Halifax, NS, May.

INVITED PRESENTATIONS AND KEYNOTE

Duffett-Leger, L. (2024). Invited to provide keynote address on Nursing and digital health innovations at Curtin University School of Nursing 50th Anniversary Conference, Perth Australia, Sept. 4, 2024.

Duffett-Leger, L. (2020). *Smart Digital Solution to Support the Mental Health of First Responders and their Spouses*, Presentation to the Honourable Minister of Labour and Immigration, University of Calgary, Calgary, AB, Feb. 18.

Duffett-Leger, L. (2020). *Engineering Solutions for Health: Biomedical Engineering (BME) International Review*, Presentation to the External Review Committee. University of Calgary, Calgary, AB, Nov. 3.

- Duffett-Leger, L.** (2019). *Innovation Tour: Lower Back Pain and Wearable Sensors*, University of Calgary, Presentation to University of Calgary Vice president of Social Innovation, Faculty of Nursing, Calgary, AB, Sept.20.
- Duffett-Leger, L.** (2019). *We Have Your Back: Using Wearable Tech to Reduce Back Injury Among Nurses*, Presentation to nursing staff and administration. Brenda Stafford Foundation Lunch & Learn, Calgary, AB, Sept. 16.
- Duffett-Leger, L.** (2019). NURS 629 Design and Teaching - Lessons Learned Second Annual Stackable Presentation to Nursing Faculty. Certificate MN Program Retreat, University of Calgary, Calgary, AB, June 17.
- Duffett-Leger, L.** (2019). *We Have Your Back: Using Wearable Tech to Reduce Back Injury Among Nurses*, Presentation to nurses and greater community. Faculty of Nursing Breakfast Series, University of Calgary, Calgary, AB, May 30.
- Kelly, P., Weleschuk, A., Barrette-Ng, I., **Duffett-Leger, L.**, & Stowe, L. (2019). *The A to Z of group projects: Design, implement and assess*. 2019 University of Calgary Conference on Postsecondary Learning and Teaching, University of Calgary, Calgary, AB, May 1.
- Duffett-Leger, L.** (2017). *Implementation of Team-based Learning Strategy in the Faculty of Nursing Program Using an Innovative Technological Approach*, Taylor Institute Community of Practice Sessions, University of Calgary, Calgary, AB, Nov. 2.
- Duffett-Leger, L.** (2017). *Calgary Interprofessional Challenge, 9 x 5 Speaker Series, pitch presentation*, University of Calgary, Calgary, AB, Oct. 27.
- Duffett-Leger, L.** & Wilson, K. (2013). *Using Technology to Promote Student Engagement in a First Year Nursing Course*, Kaleidoscope, University of New Brunswick, Fredericton, NB, Dec. 12.
- Duffett-Leger, L.** & Wilson, K. (2014). Developing an Innovative Teaching and Learning App in Collaboration with First-Year Nursing Students: Pitch to UNB Activator Program. Selected as innovator for MBA program, University of New Brunswick, Fredericton, NB, July 8.
- Duffett-Leger, L.** (2013). *Insights from Early-Career Nurse Scholars on Juggling Research, Teaching and Everything Else*. Plenary panelist at 18th annual Nursing Research Day, Creating a Culture of Scholarship, Nursing Faculty, University of New Brunswick, Fredericton, NB, Apr. 26.
- Duffett-Leger, L.** & Wilson, K. (2013). *Team-Based Learning panel*. Shared experiences using Team-Based Learning approach with first-year nursing students and integration of TBL into NursApp. Centre for Enhanced Training and Learning, University of New Brunswick, Fredericton, NB, Apr. 25.
- Duffett-Leger, L.** (2013). *Student Assessment of Abilities Based Learning (SAAYs)*. Presented findings of SAAYs analysis at Curriculum Half Days, Nursing Faculty, University of New Brunswick, Fredericton, NB, Jan. 4.
- Duffett-Leger, L.** (2011). *Cancer Research in New Brunswick: The Continuum*. Invited to speak about research at the New Brunswick Health Research Foundation conference: Health Research in New Brunswick- Moving to the Next Level, Moncton, NB, Nov. 9.
- Duffett-Leger, L.** (2010). Smear Campaign: Paps, HPV and You! Invited by the Canadian Cancer Society to speak about doctoral research at CIHR Café Scientifique, Fredericton, NB, Mar. 22.
- Duffett-Leger, L.** (2010) *Developing an Innovative Web-Based Approach for Promoting Cervical Health in Young Women*. Canadian Partnership Against Cancer, Cervical Screening Collaboration: Sharing strategies to maximize participation cervical screening in Canada workshop, Montreal, QC, Feb. 23.
- Duffett-Leger, L.**, (2010). *Democratization of Healthcare: Empowering Patients and their Providers*. Invited panelist at Canada 3.0 conference: Canada's Premier Digital Forum, Stratford, ON, May 10.
- Letourneau, N., & **Duffett-Leger, L.** (2008). Postpartum depression support and treatment in New Brunswick. Invited to give a presentation to the Provincial Mental Health Strategy Task Force. Fredericton, NB, Sept. 18.
- Young, C., **Duffett-Leger, L.**, & Letourneau, N. (2007). *Overcoming challenges to recruiting mothers for family violence research*. Muriel McQueen Ferguson Centre Research Day, Fredericton, NB, Nov. 2.

- Letourneau, N., & **Duffett-Leger, L.**, & Young, C. (2007) *Supporting parenting: The key to healthy child development*. Early Childhood Advisory Committee, Fredericton, NB, June 12.
- Letourneau, N. & **Duffett-Leger, L.** (2006). *Mothers offering mentorship and support (MOMS) program*. Presentation to the Public Health Education Day, Moncton, NB, May 23.
- Duffett-Leger, L.**, & Cluney, T. (2006). *Mothers Offering Mentorship and Support program, Child Health Intervention and Longitudinal Development (CHILD) Research Program*. New Brunswick Office Nurses Association. Fredericton, NB, Oct. 23.
- Duffett-Leger, L.**, & Cluney, T. (2006). *Mothers Offering Mentorship and Support program, Child Health Intervention and Longitudinal Development (CHILD) Research Program*. Maternity/Labour and Delivery Nurses from the Dr. Everett Chalmers Hospital. Fredericton, NB, Sept.
- Duffett-Leger, L.** (2006). *CIHR National Health Research Poster Competition*. I was nominated by UNB as being “within the top 1% of graduate students in health sciences” and invited to present poster of my research. I was unable to attend. Winnipeg, MB, June 6.
- Letourneau, N., & **Duffett-Leger, L.** (2006). *Mothers Offering Mentorship Support program, Child Health Intervention and Longitudinal Development (CHILD) Research Program*. Invited to present Public Health Nurses information about postpartum depression and peer support program. Moncton, NB, May 5.

MEDIA POSTS AND PODCASTS

- University of Calgary, Faculty of Nursing. Hackathon encourages digital health solutions from graduate students in nursing and engineering (2024, April 8). <https://nursing.ucalgary.ca/news/hackathon-encourages-digital-health-solutions-graduate-students-nursing-and-engineering>
- University of Calgary, Start Something Campaign. Two UCalgary faculties join forces as they leverage technology to improve health-care outcomes (2022, November 22). https://news.ucalgary.ca/news/two-ucalgary-faculties-join-forces-they-leverage-technology-improve-health-care-outcomes?mkt_tok=MTYxLU9MTi05OTAAAAGIPyXrqs_UCBR6X6GeHrWLfsHyuCiWCueWT8SbkKpdUcCyHUsvQB8BTsuO0oEpKrG4PD0U5M0tSUyNbnqMF1h4nDPV_gRihMX3nR3lZqGQkFd5geX4
- YouTube Post. Excellence in Nursing Research: Digital Health Innovation (2022, June 6) <https://www.youtube.com/watch?v=3--tWmcBVFw>.
- AMS Healthcare Podcast- Good Tech, Compassionate Healthcare. *Celebrating Mental Health Week* (May 2, 2022). https://make.headliner.app/download/213219c6-e5ef-47f3-815d-f55001acc7e?source=user-export-email&branch_match_id=981885265300951110&utm_source=email&utm_medium=video-detail&branch_referrer=H4sIAAAAAAAAAAw3LUQ6DIBAFwBMtiBZpmzSeZbM8AokWsqDp8ev8Tx6j9be1PbPCZHDcyxdquDV7lYhKEYPLbme3zO4lK8Ej0SOkhZ7OR0reT5NjEQnYej1V8Dk7lPBrVQfhuPcf su9we2YAAAA%3D
- Canadian Institute for Public Safety Research and Treatment, Member of Academic, Research, and Clinical Network, Researcher Profile (2021). <https://www.cipsrt-icrtsp.ca/en/profile/linda-duffett-leger/team/151>
- UToday News. *UCalgary nursing and engineering students work together on real-world challenges* (2022, April 25). <https://schulich.ucalgary.ca/news/ucalgary-nursing-and-engineering-students-work-together-real-world-challenges>
- UNB Alumni, International Women’s Day. *UNB alumnae strive to #BreakTheBias* (2022, March 7). <https://blogs.unb.ca/alumni/2022/03/internationalwomensday.php>
- Association of Professional Engineers and Geoscientists of Alberta, *A software engineer and a nurse strike the match of innovation* (2021, August 9). <https://www.apega.ca/about-apega/publications/yourpeg/a-software-engineer-and-a-nurse-strike-the-match-of-innovation>
- UCalgary News. *Announcing UCalgary’s Peak Scholars in COVID-19 Innovation Excellence* (2021, April 23).

<https://www.ucalgary.ca/news/announcing-ucalgarys-peak-scholars-covid-19-innovation-excellence>

UCalgary News. New VID-KIDS app takes helpline online for mums with postpartum depression (2021, April 29). <https://ucalgary.ca/news/new-vid-kids-app-takes-help-online-mums-postpartum-depression>

Breakfast Television. *Wearable technology for back health* (2019, April 20).

<https://www.btcalgary.ca/videos/wearable-technology-for-back-health/>

Biomedical Engineering, University of Calgary. *Engineering Solutions for Health Linda Duffett Leger* (2018, July 16). <https://www.youtube.com/watch?v=2gRhC0eLF7k>

Wearable Technology Insights. *Wearable technology can protect against back injury among nurses* (2018, June 1). <https://www.printedelectronicsworld.com/articles/14318/wearable-technology-can-reduce-risk-of-back-injury-among-nurses>

Med New-Health Medicine Information. *Study at the University of Calgary: Can Wearable Technology Prevent Back Injuries?* (2018, May 23). <http://medsnews.com/health/wearable-technology-prevent-back-injuries/>

Medical XPress. *Study explores how wearable technologies can help reduce risk of back injury among nurses* (2018, May 10). <https://medicalxpress.com/news/2018-05-explores-wearable-technologies-injury-nurses.html>

University of Calgary. *Fluid Classrooms: The Importance of Flexible Learning Spaces* (2017, November 1). <https://explore.ucalgary.ca/fluid-classrooms-importance-flexible-learning-spaces>

SEMINARS, WORKSHOPS, MASTERCLASSES, AND HACKATHONS

Duffett-Leger, L. (2024). Invited to present masterclass on user-centered design in digital health innovations at Curtin University School of Nursing 50th Anniversary Conference, Perth Australia, Sept. 4, 2024.

Duffett-Leger, L. (2023). Invited panelist for Schulich Connects, Engineering Health for Tomorrow, focusing on biomedical engineering technologies that are advancing healthcare. Calgary, AB, Feb. 26.

Duffett-Leger, L. (2023). Invited to teach workshop in Healthy Behaviour and Technology, 40th Annual Calgary Therapeutics Course, Office of Continuing Medical Education & Professional Development, Cumming School of Medicine, University of Calgary, Calgary, AB, Apr. 21.

Duffett-Leger, L., McGhan, G. (2019). Invited to present research at Digital Innovation event. *Going Down Memory Lane: Developing a Technological Intervention for Older Adults Living with Dementia and Their Family Caregivers*. Digital Innovation at UCalgary - Research Collaboration Workshop, University of Calgary, Calgary, AB, June 10.

Duffett-Leger, L. (2019). Invited to teach undergraduate BME students about co-design in digital health innovation. *We Have Your Back: Using Wearable Sensors to Reduce Lower Back Injury in Nursing*, Faculty of Kinesiology Graduate Student Seminar, University of Calgary, Calgary, AB, April 4

Duffett-Leger, L. (2017). Invited panelist for the *Emerging Ideas*, panel discussion, STiMM (Sensor Technology in Movement and Motion) workshop, University of Calgary, Calgary, AB, Nov. 16.

Duffett-Leger, L. (2017). Invited to present Teaching Scholar research. *Implementation of Team-based Learning Strategy in the Faculty of Nursing Program Using an Innovative Technological Approach*, Taylor Institute Community of Practice Sessions, University of Calgary, Calgary, AB, Nov. 2.

Duffett-Leger, L. (2017). Invited to teach a workshop for student innovators about how to engage users in the development of innovations using participatory design methods. *Designing Meaningful Technological Solutions to Health by Engaging Users: Participatory Design Approaches*. Calgary Interprofessional Challenge, University of Calgary, Calgary, AB, Oct. 28.

Duffett-Leger, L., & Wilson, K. (2014). Invited to participate in *20 Mentor Minutes*, a Social Enterprise Development Dialogue (SEDD) roundtable pitch competition, hosted by Pond-Deshpande Centre. As Innovators of the NursApp, we made a 5-minute pitch to entrepreneurs/mentors, who scored us

for quality of innovation/pitch. Selected as one of top 5 participants, we were invited to give 2-minute pitch to larger audience and received \$2,000 for winning pitch. Saint John, NB, April 24.

GRANTS: TEACHING

PI: Duffett-Leger, L., Co-I: Moshirpour, M. <i>Ignitingale: Developing and Implementing a Technological Experiential Learning Approach with Engineering and Nursing Students</i> . Taylor Institute Scholarship of Teaching and Learning Grant, Taylor Institute of Teaching and Learning, University of Calgary, AB, \$40,000 .	2021-23
PI: Duffett-Leger, L. <i>Implementation of Team-Based Learning Strategy in the Faculty of Nursing Undergraduate Nursing Program Using an Innovative Technological Approach</i> . Teaching Scholar, Taylor Institute of Teaching and Learning, University of Calgary, AB, \$40,000	2016-19
PI: Duffett-Leger, L., Co-Is: Sahjani, Z., Snell, D. <i>Impact of Using Remote Versus Classroom Facilitated Unfolding Scenario Simulation on Undergraduate Student Satisfaction, Self-Confidence in Learning and Knowledge Acquisition</i> . Teaching and Learning Practice Grant, Taylor Institute of Teaching and Learning, University of Calgary, AB, \$7,500	2016
PI's: Duffett-Leger, L., Wilson, K. (Innovators). PI: Kent, K. <i>Developing an Aggregate Application in an Introductory Nursing Course: Integration of Social Media Learning Environment</i> , MITACS Accelerator program, \$15,000 .	2015
PI: Duffett-Leger, L., Co-PI: Wilson, K. <i>Testing and Refinement of the NursApp with First Year Nursing Students</i> , Pond-Deshpande Social Innovation Fund, Pond-Deshpande Centre for innovation & Entrepreneurship, Fredericton, NB, \$15,000 .	2014
PI: Duffett-Leger, L., Co-PI: Wilson, K. <i>Development of an Aggregate Application Titled NursApp, co-Designed by First-Year Nursing Students</i> . Teaching and Learning Priority Fund, Centre of Enhanced Teaching and Learning, University of New Brunswick, Fredericton, NB, \$4,972 .	2012-13

TEACHING AND CURRICULUM DEVELOPMENT

Research and Scholarly Leave	2024 (F)
NURS 654 (Design in Healthcare) 17 graduate-level students	2024 (W)
NURS 652 (Healthcare Information and Big Data) 17 graduate-level students	2023 (F)
NURS 654 (Design in Healthcare) 24 graduate-level students	2023 (W)
NURS 652 (Healthcare Information and Big Data) 24 graduate-level students	2022 (F)
NURS 485 (Discipline and Profession of Nursing III) 130 students	
NURS 654 (Design in Healthcare) 23 graduate-level students	2022 (W)
NURS 652 (Healthcare Information and Big Data) 26 graduate-level students	2021 (F)
Research and Scholarly Leave	2021 (W)
Research and Scholarly Leave	2020 (F)
NURS 599 (Integrating Nursing Roles and Practices: Transition to Practice) 9 students	2020 (W)
NURS 629 (Evidence-Based Nursing) 23 graduate students	
NURS 599 (Integrating Nursing Roles and Practices VI: Transition to Nursing Practice) 9 students	2019 (F)
NURS 629 (Evidence-Based Nursing) 23 graduate students	
NURS 387 (The Science of Health: Families in Transition) 144 students	2019 (W)

NURS 629 (Evidence-Based Nursing) 16 graduate students	
NURS 629 (Evidence-Based Nursing) 12 graduate students	2018 (F)
NURS 387 (The Science of Health: Families in Transition) 144 students	2018 (W)
NURS 389 (On-Campus Practice) 36 students	
NURS 387 (The Science of Health: Families in Transition) 134 students	2017 (W)
NURS 389 (On-Campus Practice) 40 students	
NURS 485 (Discipline and Profession of Nursing III) 124 students	2017 (F)
NURS 387 (The Science of Health: Families in Transition) 120 students	2016 (W)
NURS 389 (On-Campus Practice) 16 students X 2	
NURS 503.47 (Perinatal Nursing Care: Emerging Trends and Issues) 32 students	2015 (F)
NURS 387 (The Science of Health: Families in Transition) 120 students	2015 (W)
NURS 389 (On-Campus Practice) 16 students	
NURS 1225 (Nursing and Wellness) 35 students	2014 (W)
NURS 1235 (Clinical Practicum Nursing and Wellness) 6 students	
NURS 1011 (Nursing as a Profession) 35 students	2013 (F)
NURS 1032 (Professional Relationships) 35 students	
NURS 1225 (Nursing and Wellness) 35 students	2013 (W)
NURS 1235 (Clinical Practicum Nursing and Wellness) 7 students	
NURS 1011 (Nursing as a Profession) 35 students	2012 (F)
NURS 1032 (Professional Relationships) 35 students	
NURS 1225 (Nursing and Wellness) 54 students	2012 (W)
NURS 1235 (Clinical Practicum Nursing and Wellness) 6 students	
NURS 1011 (Nursing as a Profession) 101 students	2011 (F)
NURS 1235 (Clinical Practicum Nursing and Wellness) 6 students	

UPDATING EXISTING COURSES

<u>NURS 654: Design in Healthcare.</u> As lead of the Healthcare Innovation and Design nursing graduate certificate, I redesigned course to provide hands-on instruction on how to use the user-centered design (UCD) process to innovate digital health solutions and added a hackathon event to address the experiential learning outcome (See Hackathons below).	2021
<u>NURS629- Evidence-Based Nursing.</u> Developed first online graduate course for the Master of Nursing program in the Faculty of Nursing. Using a blended learning, the course combined asynchronous learning (e-module, quizzes) and synchronous team-based approach.	2019
<u>NURS 387/388 The Science of Health: Families in Transition.</u> I worked collaboratively with Term 4 instructors in the redesign of this undergraduate nursing course, funded by my Teaching Scholar grant (Taylor Institute) to implement team-based learning (TBL) experiential learning teaching approach.	2017
<u>NURS 485- Discipline and Profession of Nursing III.</u> I redesigned this course on evidence-based practice to incorporate a team-based learning (TBL) approach in collaboration with N485 instructors who taught the other section of the course. As a Taylor Institute Teaching Scholar, I leveraged the new Taylor Institute Teaching and Learning spaces to implement TBL using technology (See TaBLex below)	2016
<u>NURS 387- The Science of Health: Families in Transition.</u> Currently, I worked collaboratively with Term 4 instructors and administration to develop and implement a team-based learning (TBL) approach in nursing theory courses. I am exploring opportunities to integrate technology in the classroom using the new Taylor Institute Teaching and Learning spaces to implement TBL using technology.	2015
<u>NURS 1011- Nursing as a Profession.</u> Redesigned course to employ Team-Based Learning (TBL) as teaching strategy. Developed 5 modules aligned with course outcomes, associated	2012

learning guides, independent and team Readiness Assurance Tests, team assignments and learning activities.

EFFECTIVE USE OR DEVELOPMENT OF TEACHING AIDS AND TECHNIQUES

<u>Digital Health Innovations Hackathon</u> . I partnered with my research partner, Dr. Mohammad Moshirpoor, Schulich School of Engineering (SSE), to provide graduate level nursing (certificate in Health Innovation and Design) and software engineering (project course) a unique experiential learning opportunity. An abstract to an international IEEE conference has been accepted for publication of favourable findings. We are exploring opportunities in partnership with SSE to formalize a course for students in healthcare related disciplines and engineering focused on the development of digital health solutions.	2021-23
<u>Ignitingale Teaching and Learning Platform</u> . Team-based learning (TBL) is an experiential learning approach rapidly gaining popularity on university campuses; however, cost-effective TBL software has not been readily available. The Faculty of Nursing and Schulich School of Software Engineering are collaborating on a digital solution, the integration of two promising teaching and learning technologies into a unified platform, <i>Ignitingale</i> , that facilitates TBL and supports collaborative multidisciplinary projects.	2021-23
<u>TABLEX Team-Based Learning Software</u> . As a Teaching Scholar, I developed a teaching and learning software that will support the implementation of a the TBL approach in the classroom (TaBLex) in collaboration with nursing students and instructors. The technology will allow students to complete their readiness assurance assessments online, both individually and in teams, and will provide them with real-time feedback on their performance. Development funding was received through the Dean of Nursing.	2017-21
<u>NursApp Teaching and Learning Software</u> . Using a participatory design approach, I worked closely with nursing students and software developers to create a technology-mediated learning application (NursApp) tailored to meet the needs of millennial students. Engaging students in the design of NursApp and development of related content resulted in a more usable and relevant teaching and learning system for students. The NursApp incorporates the TBL approach, a cutting-edge experiential learning strategy growing in popularity in many disciplines worldwide. The NursApp supports individual and team testing, providing immediate feedback to students and faculty.	2013-16
<u>Trialling Audience Response System to Enhance Student Engagement in the Classroom</u> . <i>NURS 1011 Nursing as a Profession</i> . Piloted and evaluated Turning Technologies audience response systems (ARS) technology in introductory nursing course. The ARS system was used for weekly class quizzes, in various formats in class to engage learners, and as a method of evaluating peers for in-class debate assignments. Results informed the development of more user-friendly and relevant learning technologies.	2011-12

DIRECTION OF RESEARCH-GRADUATE STUDENTS

Post-Doctoral Supervisor

- **Mahtab Moshirpour** (October 2023-24)
- **Amy Beck** (January 2022-23)

Doctoral Supervisor (Nursing):

- **Amy Beck** (January 2017-June 2021) University of Calgary, Faculty of Nursing.
Thesis: *Developing an Innovative Intervention for Promoting Sleep Health in Adolescents: Using Wearable Sensor Technology and a Participatory Approach*
- **Anila Virani** (April 2017-July 2020) University of Calgary, Faculty of Nursing.
Thesis: *Developing an App-Based Approach to Support Parental Information Seeking during the First Year of Parenthood*
- **Sywia Ciezar Andersen** (June 2017-January 2019) University of Calgary, Faculty of Nursing.

- Thesis: *Developing an Innovative Approach to the Wellness of the Nursing Student*
- **Christina Dore** (University of New Brunswick, Interdisciplinary PhD; Co-Supervisor; 2014-17)
Thesis: *Assessing and Addressing the Burnout among Hemodialysis Nurses Working in Quebec* (successfully defended March 201

Doctoral Committee Member:

- **Jelena Komanchuk** (Supervisor: Nicole Letourneau, University of Calgary, Faculty of Nursing)
Thesis: *Parental Technology Use and its Implications for Parent-Child Interactions and Children's Health and Development* (2019-present).
- **Lorans Alabood** (Supervisor: Frank Mauer, University of Calgary, Faculty of Engineering)
Thesis: *Investigating the Design of an Immersive Smart Home System for Supporting Seniors Living with Neurocognitive Disorders* (2019-2022)
- **Christian Clermont** (Supervisor: Reed Ferber, University of Calgary, Faculty of Kinesiology)
Thesis: *Making Sense of Sensor Data for Runners: Detecting Atypical Changes in Running Patterns due to Fatigue* (2016- June 2019)
- **Elizabeth Keyes** (Supervisor: Karen Benzie, University of Calgary Faculty of Nursing)
Thesis: *Play2Sleep: A Mixed Methods Study Using Play to Improve Infant Sleep* (2015- April 2019)

MDSC, Medical Science Graduate Supervision:

- **Mojgan Moshirpour** (September 2024-26) University of Calgary, Cumming School of Medicine
Thesis: TBD

MSc, Electrical and Software Engineering Supervision:

- **Ali Salmani** (Co-Supervisors: Mohammad Moshirpour, University of Calgary Electrical and Software Engineering, Schulich School of Engineering).
Thesis: *An AI-Based Human-Centered Approach to Support Multidisciplinary Requirements Engineering* (2020-2022).
- **Behnam Nikbakhtbide** (Co-Supervisors: Mohammad Moshirpour, University of Calgary Electrical and Software Engineering, Schulich School of Engineering).
Thesis: *Deep Learning-Based Modeling for Behavior Analysis of Parent-Child Interactions from Text* (2021-2023)
- **Ronak Barati** (Co-Supervisors: Mohammad Moshirpour, University of Calgary, Electrical and Software Engineering, Schulich School of Engineering).
Thesis: *Deep Learning Approach for Monitoring and Predicting Sleep Quality using Smartwatches and IoMT Technology* (2021-present)
- **Payam Ranjbar** (Co-Supervisors: Mohammad Moshirpour, University of Calgary, Electrical and Software Engineering, Schulich School of Engineering).
Thesis: *Harnessing AI to Resurrect Past Moments: A Study on Personalized Photo Albums for Reminiscence Therapy in Dementia Care* (2022- present)
- **Majid Savalanpour** (Co-Supervisors: Mohammad Moshirpour, University of Calgary, Electrical and Software Engineering, Schulich School of Engineering)
Thesis: TBD (2022-present)

Direction of Research-Graduate Studies (MN, Faculty of Nursing)

MN Supervisor, Faculty of Nursing:

- **Rugena Simantsev** (University of Calgary, MN-course-based; 2018- September 2020)
Project: *Lower Back Injury Among Registered Nurses in Alberta: A Review of Policies and Protocols*
- **Lily Sia Yu** (University of Calgary, MN-project stream; 2016- December 2020)
Thesis: *Exploring Informational Needs of Parents of Children with Intestinal Failure: A Thematic Analysis*

- **Christy Ungar** (University of Calgary, MN-project stream; 2016- July 2018)
Project: *Alberta Health Services: Recycling in the Operating Room Initiative* (successfully defended July 2018).
- **Katie MacGregor** (University of New Brunswick; MN- NP stream; 2012- April 2013)
Thesis: *Nurse Practitioner Role in Screening and Managing Postpartum Depression Within the Primary Healthcare Setting* (2013).

MN Committee Member:

- **Samantha Delhenty** (Supervisor: Karen Benzies, UofC Faculty of Nursing).
Thesis: *Association between Breastfeeding Self-Efficacy and Human Milk Feeding in Mothers of Moderate and Late Preterm Infants in Level II NICU* (2019)
- **Abiola Olatona** (Supervisor: Eloise Carr, UofC, MN-course based stream).
Thesis: *The Barriers and Facilitators to Real-Time Electronic Documentation in the Context of Home Healthcare Nursing* (2017)
- **Debbie Jones** (Supervisor: Nicole Letourneau, UofC Faculty of Nursing)
Thesis: *Infant Competence in Mothers with Postpartum Depression (2015-2017)*

MN External Examiner:

- **Kathy Hildebrand** (Supervisor: Katherine King Shier, UofC, Faculty of Nursing).
Thesis: *Will Women Interact with Technology to Increase Physical Activity?* (2018).
- **Rawda Abdulla Ali** (Supervisor: Janet Rankin, UofC, Faculty of Nursing, Qatar).
Thesis: *Informatics Competencies for Nurses and Nursing Managers: An Analysis of Published Tools for Application in HMC* (2017).
- **Leah Thorp** (University of Saskatchewan)
Thesis: *Caring Values and the Simulation Environment: Select Baccalaureate Nursing Students' Experiences* (2016).
- **Fiona Thorton** (Kathy Wilson, UNB, MN-NP stream).
Thesis: *Preventing Obesity among Aboriginal Children and the Role of the Nurse Practitioner* (2015).

Master's Committee Member:

- **Alanna Weisberg** (Supervisor: Larry Katz, UoC Faculty of Kinesiology) *Validity and Reliability of the Fitbit Flex 2 Activity Tracker in Adults with Unimpaired Gait* (2018-2020)

External/Internal Examiner (Master's)

- **Charles (AJ) Macauley** (Supervisor: Reed Ferber, UofC Faculty of Kinesiology).
Thesis: *The Use of Real-Time Feedback to Improve Kinematic Marker Placement Consistency Among Novice Examiners* (2017).
- **Rebekah Nash** (Supervisor: Gayl Rutherford)
Thesis: *Self-Care Related to Undergraduate Nursing Students* (2015).

External/Internal Examiner (PhD)

- **Nikki Marks** (Supervisor: Linda Johnston, University of Toronto, Lawrence Bloomberg Faculty of Nursing)
Thesis: *User Preferences for Mobile-Health Interventions to Support Self-Care after Lung Transplantation* (2024)
- **Bailin Xie** (Supervisor: Gerald Giesbrecht, University of Calgary, Department of Psychology)
Thesis: *The efficacy of a mental health and parenting intervention (BEAM) and the role of romantic relationship quality: How do partners influence treatment response?* (2024)
- **Gerry Donaldson** (Supervisor: Larry Katz, University of Calgary, Faculty of Kinesiology)
Thesis: *Virtual Reality and Fitness Levels.* (2019)
- **Elena Ali** (Supervisor: Nicole Letourneau, University of Calgary, Faculty of Nursing)
Thesis: *Parental Anxiety and Child Health.* (2018)

- **Alexandre Campelo** (Supervisor: Larry Katz, University of Calgary, Faculty of Kinesiology)
Thesis: *How do perceptual issues impact a person's ability to engage with VR?* (2018).
- **Ricki Watari** (Supervisor: Reed Ferber, University of Calgary, Faculty of Kinesiology)
Thesis: *Evidence-informed methods for predicting rehabilitation outcomes for individuals with patellofemoral pain* (2018).
- **Ryan Leigh** (Supervisor: Reed Ferber, University of Calgary, Faculty of Kinesiology)
Thesis: *Movement Biomechanics and Personalized Exercise Interventions in Individuals with Hip Osteoarthritis* (2016).

Other UofC Student Mentorship

Undergraduate Summer Studentships (PURE)

- Moez Arhuoma (2023) Nursing
- Paul Linek (2020-22) Nursing
- Anya Siddons (2019-20) Nursing
- Judy Espiritu (2019) Nursing
- Fazeela Mulji (2017) Kinesiology

Undergraduate Summer Studentships (Markin)

- Fazeela Mulji (2018) Kinesiology

Undergraduate Summer Studentships (BME)

- Rwan Rampton (2022) Biomedical Engineering
- Kayla Vickers (2022) Biomedical Engineering
- Jacky Tang (2019) Computer Science

Heritage Youth Researcher Summer (HYRS) program

- Sunaina Rangarjan (2019)

SERVICE TO UNIVERSITY: COMMITTEE MEMBERSHIP

- | | |
|---|---------|
| • Committee Member: Faculty Tenure and Promotion Committee (FTPC), University of Calgary, Faculty of Nursing | 2021-25 |
| • Committee Member: Decanal Appointment to the Canada Research Chair Lois Hole Hospital for Women (Dawn Kingston) Review Committee, University of Calgary, Faculty of Nursing | 2022- |
| • Program Lead: Graduate Certificate Committee (GCC), University of Calgary, Faculty of Nursing | 2021- |
| • Committee Member: Clinical Simulation Learning Centre (CSLC) Steering Committee, University of Calgary, Faculty of Nursing | 2021- |
| • Committee Member, Faculty of Nursing Pursuit of Excellence Awards Committee, University of Calgary, Faculty of Nursing | 2019-21 |
| • Committee Chair: Decanal appointment to Faculty of Nursing Mental Health and Wellness Engagement committee (Chair), University of Calgary, Faculty of Nursing | 2018-20 |
| • Research Lead: Appointed by BME Director Biomedical Engineering (BME) Calgary Research Initiative, Health Monitoring and Management), University of Calgary | 2018- |
| • Committee Chair: Decanal appointment to Mental Health and Wellness Engagement Committee, University of Calgary, Faculty of Nursing | 2018-20 |
| • Committee Chair: Undergraduate Program Committee (UPC), University of Calgary, Faculty of Nursing | 2016-19 |
| • Committee Member: Steering Committee Member, Decanal appointment to Biomedical Engineering (BME) Steering Committee, University of Calgary | 2015-19 |
| • Committee Member: Peer and Self-Assessment Advisory Committee, University of Calgary, Faculty of Nursing | 2015-16 |

Duffett-Leger, Linda

April 28, 2026

- Committee Member: Decanal appointment to Academic Committee for Entrepreneurship & Innovation, University of Calgary 2014-16
- Committee Member: GAU Curriculum Committee, University of New Brunswick, Nursing Faculty 2013-14
- Committee Member: Curriculum Committee, University of New Brunswick, Nursing Faculty 2011-14

CONSULTING ACTIVITIES, PROFESSIONAL SERVICE TO GOVERNMENTAL, PROFESSIONAL ASSOCIATIONS, EDUCATIONAL INSTITUTIONS, GRANTING AGENCIES

Consultant, advised CEO Alberta Blue Cross on digital mental health applications	2023
Consultant, advised CEO Brenda Strafford Foundation on digital health for aging	2023
Reviewer, Canadian Institutes of Health Research (CIHR). Invited to be standing committee member in the role of reviewer for a 3-year term to Knowledge Translation Research (KTR) committee for the Project Grant Program.	2024-27
Reviewer, Canadian Institutes of Health Research (CIHR) College of Reviewers	2021-
Reviewer, Alberta Children's Hospital Research Institute, ACHRI Small Grants	2023
Reviewer, MITACS Accelerate Grant	2022
Reviewer, Health Innovation Grants, Saskatchewan Health Research Network	2021
Adjudicator, Teaching and Learning Awards, Taylor Institute for Teaching and Learning, University of Calgary.	2017-18
Reviewed community engagement document as member of Project Advisory Group, Advisory National Collaborating Centre for Determinants of Health.	2013
Board of Directors, New Brunswick Health Council. Appointed by the Minister of Health	2008-12
Population Health Working Group, New Brunswick Health Council	2009-12
Communications Committee, New Brunswick Health Council	2010-12
Consultant, Department of Health at NB Wellness Committee meeting	2008
Consultant, Health Coalition, New Brunswick. Invited to present my vision of a revised healthcare system and the important role for nursing in the development of a health plan for the province of New Brunswick.	2004