



Nicole Letourneau, PhD, RN, FCAHS, FAAN **FACULTY OF NURSING**
Professor

Web Curriculum Vitae
(5 year summary)

Education	Year Completed	Institution
Post-Doctoral Research Fellow, Social Support Research Program	1999-2004	University of Alberta (affiliated with the Centre for Health Promotion studies, Canadian Institute for Gender and Health) and Canadian Research Institute for Social Policy, University of New Brunswick
Doctor of Philosophy in Nursing	1998	University of Alberta
Master of Nursing	1994	University of Alberta
Bachelor of Nursing	1991	University of New Brunswick

Academic Appointments

Year of Appointment	Institution	Academic Rank
2012-2021	University of Calgary and Alberta Children’s Hospital Foundation	Chair in Parent-Infant Mental Health
2020-current	Mathison Centre for Mental Health Research and Education & Hotchkiss Brain Institute, University of Calgary	Scientist
2017-current	Cumming School of Medicine, Community Health Science University of Calgary	Research Professor
2014-current	Cumming School of Medicine, Dept. of Psychiatry (University of Calgary)	Professor
2012-current	RESOLVE (Research and Education to Solutions to Violence and Abuse) University of Calgary	Alberta Director
2012-current	Cumming School of Medicine, Dept. of Pediatrics, University of Calgary	Research Professor

2011-current	Alberta Children's Hospital Research Institute for Child and Maternal Health	Scientist
2011-current	Faculty of Nursing, University of Calgary	Full Professor (with tenure)

Teaching Experience

Institution	Title of Course	Course Level	Dates
University of Calgary	N 621	Graduate	2020
University of Calgary	N 629	Graduate	2014-2018
University of Calgary	N 733	Graduate	2013
University of Calgary	N 621	Graduate	2012

Graduate Student Supervision

Supervision and/or Supervisory Committee Membership			
	Masters	PhD	Post-Doctoral
Current	3	13	2
Past/Completed	23	15	7

CAREER Funding		
Type	Number	Dollars
Grants as Principal Investigator		
• International	2	\$384,791.00
• National	23	\$5,294,858.00
• Regional	34	\$3,198,967.45
Sub-Total	59	\$8,878,616.45
Grants as Co-Principal Investigator		
• International	2	\$445,049.00
• National	9	\$5,322,629.07
• Regional	11	\$7,382,065.99
Sub-Total	22	\$13,149,744.06
Grants as Co-Investigator		
• International	1	\$323,926.00
• National	43	\$36,884,144.00

· Regional	23	\$995,142.00
Sub-Total	67	\$38,203,212.00
Conference Funding	25	\$129,442.00
TOTAL	173	\$60,361,014.51

Funding (2015-2020) *PI/Co-PI

- 2020-2025 *Life beyond vulnerability: Using developmental neuroscience to inform child health, life-course well-being and resilience to chronic disease.* PI: P.P. Silveira; Co-PI's: A. Andrezza, J. Belsky, M. Meany, M. Latsko, N. **Letourneau**, I. Pokhvisneva (CIHR Project Grant, \$1,147,500)
- 2020-2023* *ATTACH™ Program: Promoting vulnerable children's health at scale.* PI: N. **Letourneau**; Co-PI's: K. Ross, H. Pliszka, C. Collier, S. Lalonde, S. Varro; Co-I's: I. Graham, K. Nixon, C. Piotrowski, K. Wood, K. Birnie, M. Kobor, S. Merrill; Collaborators: M. Hart, S. Cole, M. O'Beirne, Z. Shajana, D. Snell (CIHR-SPOR Operating Grant, \$1,047,984)
- 2020-2024* *Prenatal exposure to chemicals in plastics can cause epigenetic variation in genes associated with neurodevelopment in girls and boys.* PI: D. Dewey; Co-PI's: R. Saffery, I. Dinu, G. England-Mason, C. Field, G. Giesbrecht, M. Kobor, N. **Letourneau**, J. Martin, A. Pnsonby (Canadian Institutes of Health Research, \$753,524)
- 2020-2022* *The importance of milk and other dairy foods in the maternal diet for maternal and child health.* Co-PI: C. Field; Co-I's: A. Kozyrskyj, R. Bell, N. **Letourneau**, D. Dewey, M. Jarman, G. Giesbrecht (Dairy Farmers of Canada, \$139,420)
- 2020-2021* *Examining the nature & context of IPV in the 2SLGBTQ community.* PI: K. Nixon, J. Ristock, T. Peter; Co-PI's: R. Hoffart, M. Tuttil, S. Dack, N. **Letourneau**, C. McManus, K. Wood, R. Lowen Walker (PrairieAction Foundation Special Call, \$74,922)
- 2020-2021* *ATTACH™ & VID-KIDS: Rapid User-Informed Web and Mobile Interface Development, Adaptation and Pilot Testing to Support Children's Mental Health and Development.* PI: L. Duffett-Leger; Co-PI's: N. **Letourneau** & P. Tryphonopoulos; Co-I's C. Dennis, M. Moshirpour, D. McNeil (CIHR, \$199,440)
- 2020-2021* *Responding to COVID-19: Online support for mothers with depression and their infants and epigenetic impacts.* PI: N. **Letourneau**; Co-PI's: L. Duffett-Leger, P. Tryphonopolous, M. Moshirpour (Anonymous, \$87,100)
- 2019-2024* *Healing from intimate partner violence: An evaluation of an intervention for indigenous mothers and children affected by intimate partner violence.* Co-PI's: C. Piotrowski, N. **Letourneau**, M. Courchene; Co-I's: J. Cidro, S. Graham-Bermann, D. Jiang (CIHR, \$562,276)
- 2019-2024 *Role of the gut microbiota and physiological systems underlying internalizing problems during the transition from childhood to adolescence.* PI: G. **Giesbrecht**; Co-I's: T. Campbell, C. Huang, C. Lebel, N. **Letourneau**, C. McMorris, R. Reimer, L. Tomfohr, T. Williamson (CIHR, \$971,550)
- 2019-2020 *Advanced neuroimaging of the effects of prenatal BPA exposure on brain structure: A translational study.* PI: C. Lebel; Co-I's: N. **Letourneau**, D. Dewey, J. Dunn, J. Martin, D. Kurrasch (New Frontiers in Research Fund Grant, \$250,000)
- 2019* *Effects of a parenting intervention on immune cell gene expression in children exposed to toxic stress.* Co-PIs: K. Ross, N. **Letourneau** (ACHRI Behaviour & Developing Brain Small

- Research Grant, \$7,600)
- 2018-2020* *Determinants of disorganized attachment: Contributions of maternal stress and behaviour.* PI: S. Madigan, Co-PI's: G. Giesbrecht, N. **Letourneau**, T. Campbell (SSHRC, \$91,000)
- 2018-2021* *Evaluating impacts of caregiver-child relationship interventions for high-risk pre-schoolers.* PI: N. **Letourneau** (Anonymous, \$354,009)
- 2018-2021* *EpiBrain: Epigenetic effects of B-vitamins on brain health throughout life: Scientific substantiation and translation of evidence for health-improvement strategies.* Co-PIs: Y. Lamers, N. **Letourneau**, H. McNulty, M. Murphy. Joint Programming Initiative: A Healthy Diet for a Healthy Life (JPI HDHL; \$682,898 Euros, \$1,032,470.07 CDN on October 11 exchange rate)
- 2018-2020 *Conceptualizing and operationalizing compassion in paediatric healthcare.* PI: S. Sinclair, Co-Is: J. Crysdale, G. Guilcher, S. Kuhn, N. **Letourneau**, S. Raffin-Bouchal, F. Schulte (Faculty of Nursing, University of Calgary, Bridge Funding Grant, \$50,000; C17 Research Network Competition, \$108,218)
- 2018 *Maternal iron nutrition and its consequences in pregnant women and their children in the Alberta Pregnancy Outcomes and Nutrition (APrON) Study.* PI's: R. Bell, C. Field, Co-I's: N. **Letourneau**, et al. (CIHR, \$294,525)
- 2018-20* *ATTACH Phase II.* PI: N. **Letourneau**, Co-I's: M. Hart, L. Anis, M. Auffrey, C. Donnelly, S. Doram (Calgary Foundation, \$60,000; Harvard Frontiers of Innovation, \$49,839 USD & Palix Foundation, \$10,000)
- 2017-19 *Examining Men's Experience of IPV.* PI: C. Fraehlich, Co-I's, N. **Letourneau**, N., et al. (PrairieAction Foundation, \$60,000)
- 2017-27 *Trajectories Of healthy life using Public Health and primary care interventions in Canada: The TROPIC Trial.* Team Grant: Healthy Life Trajectories Initiative (HeLTI) – Canada. Co-PI's: C. L. Dennis, C. S. Birken, P. Juni, Co-I's N. **Letourneau** and 40 others (CIHR \$17,018,640)
- 2017-20* *Psychosocial distress during pregnancy and pathways to preterm birth: Building evidence in LMIC to guide targeted psychosocial interventions.* Co-PIs: S. Premji & N. **Letourneau**, Dunkel-Schetter, C., & MIGHT Research Team (CIHR \$669,374)
- 2017-19* *Working for Kids: Building Skills Assessment in Alberta.* Co-PI's: J. Cameron & N. **Letourneau**, Co-I J. Trauth (Anonymous Donor, \$300,036 USD, around \$370,049 CDN)
- 2017-19* *Effectiveness of peer support in reducing stress in women experiencing domestic violence.* Co-PIs: N., **Letourneau**, C., McManus, A. Silverstone, (Prairie Action Foundation CARE Grant Program, \$10,000)
- 2017-20 *Supporting Somali and Syrian Refugee Adolescents.* PI: M. Stewart; Co-I's: S. Yohani, N. **Letourneau**, J. Hyndman, M. Hynie (SSHRC, \$257,604)
- 2016-20* *VID-KIDS: Video feedback interaction guidance for improving interactions between depressed mothers and their infants.* PI: N., **Letourneau** Co-PI: P., Tryphonopoulos Co-I's: C., Dennis, D., Kingston, L., Duffett-Leger, D., McNeil, M., Oxford (CIHR, \$569,552)
- 2016-21 *Research Advancement through Cohort Cataloguing and Harmonization (REACH).* PI: I., Fortier; Co-I's: 26 others including N., **Letourneau** (CIHR, \$1,277,590)
- 2016-21* *Chair in Parent-Infant Mental Health.* PI: N. **Letourneau** (Alberta Children's Hospital Foundation, \$500,000)
- 2014-21* *Alberta Birth Common Dataset (ABCD): Revealing the origins of child development.* Co-PIs: S. Tough & N. **Letourneau**, Co-I's K. Benzies, G. Giesbrecht, D. Dewey (ACHF, \$1.9 million)
- 2015-20* *ATTACH & PROMISE Project Extensions.* PI: N. **Letourneau** (Agnes Cooke, \$125,000)

- 2016-19* *Parental reflective function and children’s development.* PI: N., **Letourneau** Co-I’s: T., Campbell, G., Giesbrecht, L., Tomfohr (SSHRC, \$134,643)
- 2016-19 *Mental health and school success: A pilot cohort study of an adolescent population.* PI: P. Arnold, Co-I’s: N. **Letourneau**, A. Bulloch, A. Duffy, S. Patten, J. Addington, G. Dimitropoulos, A. McLuckie, C. McMorris, D. Nordstokke, T. Pringsheim, J. Wang, G. Wilcox (Brain and Mental Health Strategic Research Fund, \$247,800)
- 2015-20* *Chair in Parent-Infant Mental Health.* PI: N. **Letourneau** (Anonymous Donor, \$375,000)
- 2015-19 *Parenting in the dark: Does the “Cry-it-out” sleep training method harm attachment or promote self-regulation?* PI: G. Giesbrecht, Co-I’s: N. **Letourneau**, L. Tomfohr (SSHRC, \$69,234)
- 2015-18 *Bringing together the nutritional and glucocorticoid hypotheses of fetal programming: Does nutrition buffer the effects of stress?* PI: Giesbrecht, Co-I’s: T. Campbell, D. Dewey, N. **Letourneau** & T. Williamson (CIHR, \$341,425)
- 2016-20 *Canadian domestic homicide prevention initiative with vulnerable populations.* PI: Dawson, M. & Jaffe, P., Co-I: D., Crocker, M., Dube, M., Hampton, N., **Letourneau**, K., Rossiter & J., Ursel (SSHRC, \$2.1 Million, \$44,000 to Alberta site)
- 2016-20 *Fetal programming of infant stress reactivity and atopic disease.* PI: N. **Letourneau**. Co-I’s: A. Kozyrskyj, G. Giesbrecht (AllerGen NCE, \$110,000)
- 2016-17* *Metabolomics profiling of metabolic function in pregnant women: assessing an innovation for precision medicine.* PI: Leung, B. Co-PI: N., **Letourneau**, Co-I’s: G., Metz, T., Montina, L., Donovan, & C., Field (Diabetes, Obesity, & Nutrition SCN New Collaboration Seed Grant, \$10,000).
- 2016-17* *Link between gestational diabetes and perinatal depression: The Role of Nutrient Status.* PI: B. Leung, Co-PI: N. **Letourneau**, G. Giesbrecht, R. Bell, C. Field (Diabetes Obesity & Nutrition, Strategic Clinical Network, \$10,000)
- 2015-16* *Developmental Origins of Sex-Differentiated Mental Disorders in Children: Social, Epigenetic and Neurologic Factors.* PI: N. **Letourneau** (Alberta Epigenetics Network, \$4,000)
- 2015-16* *Assessing domestic violence in the Jewish communities of the Prairie Provinces.* PI: N. **Letourneau**, Co-PI’s J. Ursel, M. Hampton (Community Action, Research and Education-CARE-Grant, \$29,317)

Scholarship

Peer-reviewed Publications	
• Published/in press	192
• Manuscripts submitted for review	11
Books	
• Published/forthcoming	3
Book Contributions	
• Published/in press	38
Other articles, papers, and scholarly contributions	46

Presentations	
• Peer-reviewed presentations & published abstracts	318
• Invited	166
• Peer Reviewed Publications of large teams	15

Publications, Peer-Reviewed Journal Articles (2016-2020)

1. **Letourneau, N.**, Ross, K., Jong, V., Ntanda, H., Mahinpey, N., Giesbrecht, G., & Jong, V. (accepted). Prenatal maternal distress and immune cell epigenetic profiles at 3-months of age. *Developmental Psychobiology*.
2. Dennis, C.L., Marini, F.C., Abbass-Dick, J., Atkinson, S.A., Barrett, J., Bell, R., Bérard, A., Berger, H., Brown, H., Constantin, E., Da Costa, D., Feller, A., Guttmann, A., Janus, M., Joseph, K.S., Juni, P., Kimmins, S., **Letourneau, N.**, ... & Birken, C.S. (accepted). Protocol for a randomised trial evaluation a preconception-early childhood. *BMJ Open*.
3. MacKinnon, A., Madsen, J.W., Giesbrecht, G.F., Campbell, T., Carlson, L.E., Dimidjian, S., **Letourneau, N.**, ... & Tomfohr-Madsen, L. (2021). Effects of mindfulness-based cognitive therapy in pregnancy on psychological distress and gestational age: Outcomes of a randomized controlled trial. *Mindfulness*, 1-12.
4. Scott, H., Buchan, M., Chadwick, C., Field, C.J., **Letourneau, N.**, Montina, T., & Leung, B. & Metz, G. (2020). Metabolic dysfunction in pregnancy: Fingerprinting the maternal metabolome using proton nuclear magnetic resonance spectroscopy. *Metabolism*. Advance online publication. Doi: 10.1002/edm2.201
5. Premji, S., Lalani, S., Shaikh, K., Mian, A., Forcech, N., Dosani, A., **Letourneau, N.**, ., & MiGHT Collaborators in Research (2020). Comorbid anxiety and depression among pregnant Pakistani women: Higher rates, different vulnerability characteristics, and the role of perceived stress. *International Journal of Environmental Research and Public Health*, 17, 7295.
6. Potter-Dickey, A., **Letourneau, N.**, & de Koning, A.P.J. (2020). Associations between neurodevelopmental disorders and attachment patterns in preschool-aged children: Systematic review. *Current Developmental Disorders Reports*. Advance online publication. Doi: 10.1097/DBP.0000000000000791
7. Premji, S.S., Shaikh, K., Lalani, S., Yim, I.S., Moore, S., Ali, N.A., ... **Letourneau, N.**, & MiGHT Collaborators in Research (2020). COVID-19 and women's health: A low-and middle-income country perspective. *Frontiers in Global Women's Health*.
8. Ross, K.M., **Letourneau, N.**, Climie, E., Giesbrecht, G., & Dewey, D. (2020). Perinatal maternal anxiety and depressive symptoms and child executive function and attention at two-years of age. *Developmental Neuropsychology*. Advance online publication. Doi: 10.1080/87565641.2020.1838525
9. Grisbrook, M., & **Letourneau, N.** (2020). Improving maternal postpartum mental health screening guidelines requires assessment of post-traumatic stress disorder. *Canadian Journal of Public Health*. Advance online publication. Doi: 10.17269/s41997-020-00373-8
10. Shaikh, K., Lalani, S., Forchech, N., Dosani, A., **Letourneau, N.**, ... Naugler, C. MiGHT Collaborators in Research (2020). Ethnic disparity and exposure to supplements rather than adverse childhood experiences linked to preterm birth in Pakistani women. *Journal of Affective Disorders*, 267, 49-56.
11. Giesbrecht, G., **Letourneau, N.**, & Dewey, D. (2020). Latent class trajectories of infant temperament associate with problem behavior at two years of age. *Development and Psychopathology*. Advance online publication. Doi: 10.1017/S0954579420000991

12. Anis, L., Perez, G., Benzies, K.M., Ewashen, C., Hart, M., & **Letourneau, N.** (accepted). Convergent validity of three measures of reflective function: Parent Development Interview, Parental Reflective Function Questionnaire, and Reflective Function Questionnaire. *Frontiers in Psychology*.
13. Patten, S., Williamson, T., Patel, A., Premji, S., Tough, S., **Letourneau, N.**, ... Metcalfe, A. (accepted). Assessment of anxiety during pregnancy using multiple anxiety scales: Do anxiety scales differ in their ability to assess anxiety during pregnancy? *Journal of Psychosomatic Obstetrics & Gynecology*.
14. Dahal, K., Patten, S., Williamson, T., Patel, A., Premji, S. Tough, S., **Letourneau, N.**, Giesbrecht, G., & Metcalfe, A., (2020). Neighborhood socioeconomic status modifies the association between anxiety and depression during pregnancy and preterm birth: A community-based Canadian cohort study. *BMJ Open, 53*, 384-391.
15. Kondejewski, J., Schulte, F., **Letourneau, N.**, Kuhn, S., Bouchal, S.R., Guilcher, G., & Strother, D. (2020). Compassion in pediatric healthcare: A scoping review. *Journal of Pediatric Nursing, 51*, 57-66.
16. Ali, E., **Letourneau, N.**, Benzies, K., Dewey, D., Campbell, T., & Giesbrecht, G. (2020). Maternal prenatal anxiety and children's behavioural problems: Moderating roles of maternal-child attachment and child's sex. *Canadian Journal of Nursing Research, 52*(2), 88-99.
17. Tryphonopoulos, P. & **Letourneau, N.** (2020). Promising results from a video-feedback interaction guidance intervention for improving maternal-infant interaction quality of depressed mothers: A feasibility pilot study. *Canadian Journal of Nursing Research, 52*, 74-87.
18. Thomas-Argyriou, J. C., **Letourneau, N.**, Dewey, D., Campbell, T. S., Giesbrecht, G. F., & Team, A. S. (2020). The role of HPA-axis function during pregnancy in the intergenerational transmission of maternal adverse childhood experiences to child behavior problems. *Development and Psychopathology, 1-17*.
19. Hay, R.E., Reynolds, J.E., Grohs, M., Paniukov, D., Giesbrecht, G.F., **Letourneau, N.**, Dewey, D., & Lebel, C. (2020). Amygdala-prefrontal structural connectivity mediates the relationship between prenatal depression and behaviour in preschool boys. *Journal of Neuroscience, 40*, 6969-6977.
20. Samia, P., Premji, S., Tavangar, F., Yim, I.S., Wanyoni, S., Merali, M., ... **Letourneau, N.**, & MIGHT Consortium (2020). Adverse childhood experiences and changing levels of psychosocial distress scores across pregnancy in Kenyan women. *International Journal of Environmental Research and Public Health, 17*, 3401.
21. England-Mason, G., Martin, J.W., MacDonald, A., Kinniburgh, D., Giesbrecht, G.F., **Letourneau, N.**, & Dewey, D. (2020). Similar names, different results: Consistency of the associations between prenatal exposure to phthalates and parent-ratings of behavior problems in preschool children. *Environmental International* [Epub ahead of print].
22. Virani, A., Duffett-Leger, L., & **Letourneau, N.** (2020). Parents' perspectives of parenting app use. *Journal of Informatics Nursing, 5*, 8-18.
23. **Letourneau, N.** (2020). "No such thing as baby" in the year of the nurse and midwife. *Canadian Journal of Nursing Research, 52*, 71-73.
24. Anis, L., **Letourneau, N.**, Benzies, K., Ewashen, C., & Hart, M. (2020). The effect of the Attachment & Child Health (ATTACH) parent training program on parent-child interaction quality and child development. *Canadian Journal of Nursing Research, 52*, 157-168.
25. Khil, J., Picardo, S., Seow, C., Leung, Y., Metcalfe, A., Afshar, E., Sharifi, N., Campbell, T.S., **Letourneau, N.**, Dewey, D.M., & Giesbrecht, G. (2020). Physiological and psychological stress in pregnant women with quiescent inflammatory bowel disease: A pilot study using salivary biomarkers. *JGH Open, 4*, 692-697. Doi: 10.1002/jgh3.12317

26. Giesbrecht, G., **Letourneau**, N., Campbell, T., Hart, M., Thomas, J.C., & Tomfohr-Madsen, L. (2020). Parental use of “cry out” in a community sample during the first year of infant life. *Developmental and Behavioral Pediatrics*. Advance online publication. Doi: 10.1097/DBP.0000000000000791
27. England-Mason, G., Martin, J., Giesbrecht, G., **Letourneau**, N., Dewey, D. & the APrON Team (2019). Postnatal bisphenol A (BPA) is associated with increasing executive function difficulties in preschool children. *Pediatric Research*.
28. **Letourneau**, N., Leung, B., Ntanda, H., Dewey, D., Deane, A.J., Giesbrecht, G., & APrON Study team. (2019). Maternal and paternal perinatal depressive symptoms associate with 2- and 3-year old children’s behaviour: Findings from the APrON longitudinal study. *BMC Pediatrics*, 19, 1-13.
29. McEwen, L.M., O’Donnell, K.J., McGill, M.G., Edgar, R.D., Jones, M.J., MacIsaac, J.L., Lin, D.T.S, Ramadori, K., Morin, A., Gladish, N., Garg, E., Unternaehrer, E., Pokhvisneva, I., Karnani, N., Kee, M.Z.L., Klengel, T., Adler, N.E., Barr, R.G., **Letourneau**, N., et al. (2019). The PedBE clock accurately estimates DNA methylation age in pediatric buccal cells. *Proceedings of the National Academy of Sciences*. Published online at <https://doi.org/10.1073/pnas.1820843116>.
30. **Letourneau**, N. De Koning, J. Sekhon, B., Ntanda, H., Giesbrecht, G. & Kobor, M. (2019). Parenting interacts with plasticity genes in predicting behavioural outcomes in preschoolers. *Canadian Journal of Nursing Research*.
31. **Letourneau**, N., Anis, L., Ntanda, H., Novick, J., Steele, M., Steele, H., & Hart, M. (accepted). Attachment & Child Health (ATTACH) pilot trials: Effect of parental reflective function intervention for families affected by toxic stress. *Infant Mental Health Journal*.
32. Virani, A., Duffett-Leger, L., & **Letourneau**, N. (2019). Parenting apps review: In search of good quality apps. *mHealth*, 5, 1-15.
33. Ross, K., Thomas, J., Campbell, T., **Letourneau**, N., & Giesbrecht, G. (2019). Partner social support during pregnancy and the postpartum period and inflammation in 3-month-old infants. *Biological Psychology*, 144, 11-19.
34. Dahal, K., Patten, S., Williamson, T., Patel, A., Premji, S. Tough, S., **Letourneau**, N., Giesbrecht, G., Metcalfe, A., (2019). Does neighborhood socioeconomic status predict the risk of preterm birth? A community-based Canadian cohort study. *BMJ Open*, 9(2), e025341.
35. Jones, D., **Letourneau**, N., & Duffett-Leger, L. (2019). Systematic review of predictors of infant care competence among women with postpartum depression. *Journal of Nursing Education and Practice*, 9(5), 118-128.
36. **Letourneau**, N., Linder, J., Silverstone, A., Ursel, J., Hampton, M. et al. (2019). Domestic abuse in the Jewish communities of the Canadian Prairie Provinces. *Nursing Practice & Health Care* 1(1), 1-8.
37. Tomfohr-Madsen, L.M., Cameron, E.E., Dunkel Schetter, C., Campbell, T., O’Beirne, M., **Letourneau**, N., & Giesbrecht, G. (2019). Pregnancy anxiety and preterm birth: The moderating role of sleep. *Health Psychology*, 38(11), 1025.
38. Lebel, C. & **Letourneau**, N. (2019). Reply to comments on “Prenatal maternal anxiety and children’s brain structure and function: A systematic review of neuroimaging studies” (Adamson, et al., *J Affect Disord*, 2018, 241, 117-126). *Journal of Affective Disorders*, 245, 1189.
39. **Letourneau**, N., Dewey, D., Kaplan, B., Ntanda, H., Novick, J., Thomas, J.C., ... & APrON Study Team (2019). Intergenerational transmission of early life adversity via maternal depression and anxiety and moderation by child sex. *Journal of Developmental Origins of Health and Disease*, 10(1), 88-99.
40. Jones, D., **Letourneau**, N., & Duffett-Leger, L. (2019). Predictors of infant care competence in mothers with depression. *Clinical Medicine Insights: Reproductive Health*, 13,

1179558119834910.

41. Thomas, J. C., **Letourneau**, N., Campbell, T. S., Giesbrecht, G. F., & Team, A. S. (2018). Social buffering of the maternal and infant HPA axes: Mediation and moderation in the intergenerational transmission of adverse childhood experiences. *Development and Psychopathology*, *30*(3), 921-939.
42. Aghajafari, F., Field, C., Weinberg, A., **Letourneau**, N., & the APrON Study Team (2018). Both mother and infant require a vitamin D supplement to ensure that infants' vitamin D status meets current guidelines. *Nutrients*, *10*(4), E429.
43. Bright, K., Norris, J., **Letourneau**, N., King-Rosario, M., Premji, S. (2018). Prenatal maternal anxiety in South Asia: A rapid best-fit framework synthesis. *Frontiers in Psychiatry*, *9*(467), 1-12.
44. Thomas, J., **Letourneau**, N., Bryce, C., Giesbrecht, G. (2017). Biological embedding of perinatal social relationships in infant stress reactivity. *Developmental Psychobiology*, *59*(4), 425-435. **Top 20 most downloaded papers July 2016 and June 2018**
45. Manhas, K., Dodd, S., Page, S., **Letourneau**, N., Adair, C., Cui, X., Tough, S. (2018). Sharing longitudinal, non-biological birth cohort data: A cross-sectional analysis of parent consent preferences. *BMC Medical Informatics and Decisions Making*, *18*, 1-11.
46. Adamson, B., **Letourneau**, N., & Lebel, C. (2018). Prenatal maternal anxiety and children's brain structure and function: A systematic review of neuroimaging studies. *Journal of Affective Disorders*, *241*, 117-126.
47. Wall, V., Premji, S. **Letourneau**, N., McCaffrey, G., & Nyanza, E. (2018). Factors associated with pregnancy-related anxiety in Tanzanian Women: A cross-sectional study. *BMJ Open*, *8*(6), e020056.
48. Aghajafari, F., **Letourneau**, N., Mahinpey, N., Cosic, N., & Giesbrecht, G. (2018). Vitamin D deficiency and antenatal and postpartum depression: A systematic review. *Nutrients*, *10*(4), 478-458.
49. Thomas, J., Magel, C., Tomfohr-Madsen, L., Madigan, S., **Letourneau**, N., Campbell, T., & Giesbrecht, G (2018). Adverse childhood experiences and HPA axis function in pregnant women. *Hormones and Behavior*, *102*, 10-22.
50. Lee, S., Kothandaraman, M., Leung, Y., Aghajafari, F., **Letourneau**, N., Panaccione, R., Kaplan, G., Seow, C. (2018). Pregnant women and inflammatory bowel disease are at increased risk of vitamin D insufficiency: A cross-sectional study. *Journal of Crohn's and Colitis*, *12*(6), 702-709.
51. **Letourneau**, N., Tryphonopoulos, P., Novick, J., Hart, M., Giesbrecht, G. Oxford, M. (2018). Nursing Child Assessment Satellite Training Parent-Child Interaction Scales: A comparison of Canadian normative and high-risk samples. *Journal of Pediatric Nursing*, *40*, 47-57.
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quality: A review of observational-assessment tools. *Comprehensive Child and Adolescent Nursing*, 39(2), 107-138. (Distributed by University of Washington, Parent-Child Relationships Programs international audience via listserve)

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76. Secco, L., **Letourneau, N.** & Collins, E. (2016). 'My eyes were open': Awakened maternal identity and leaving violent relationships for the infant/children. *Journal of Family Violence*, 31(5), 639-45.
77. Manhas, K. P., Page, S., Dodd, S. X., **Letourneau, N.**, Ambrose, A., Cui, X., Tough, S. (2016). Parental perspectives on consent for participation in large-scale, non-biological data repositories. *Life Sciences, Society and Policy*, 12(1), 1.
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Books (2016-2020)

1. Letourneau, N. (2020). *Parenting and Child Development: Issues and Outcomes*. London, UK: Waterside Press.
2. Letourneau, N. (2018). *What kind of parent am I? Self-surveys that reveal the impact of toxic stress and more*. Toronto, ON: Dundurn Publishers.

Chapters (2016-2020)

1. **Letourneau, N.**, Donnelly, C., Gagnon, M., Hart, M., & Anis, L. The Attachment and Child Development (ATTACH) integrated knowledge translation project. (2020). In Kothari, A., McCutcheon, C., Boland, L., & Graham, I.D. (Eds.), *How We Work Together: The Integrated Knowledge Translation Casebook. Volume 2*. (pp. 23-25). Ottawa, ON: Integrated Knowledge Translation Research Network.
2. Piotrowski, C. & **Letourneau, N.** (2020). The influence of intimate partner violence on children's development. In Hupp, S. & Jewell, J. (Eds.), *Encyclopedia of Child and Adolescent Psychology*. New York: Wiley
3. **Letourneau, N.** (2019). Transition to Parenthood. *Maternity and Women's Health Care* (12th ed.), Elsevier. (Chapter 12)
4. Manhas, K., Dodd, S., Page, S., **Letourneau, N.**, Cui, X., Tough, S. (2018). Parent views on consent, governance and privacy strategies for non-biological data platforms for secondary data use. *Communications in Computer and Information Science*. New York: Springer.

5. Gibb, R. & Letourneau, N. (2018). Toxic stress and brain development (pp. 90-103). In *AFMC Primer on Psychosocial Approaches to Addiction*. Calgary: Palix.
6. Letourneau, N. & Joschko, J. (2016). J. Le Canada doit repenser son approche en matière de petite enfance. In O'Grady, K. (Eds.), *Why We Need More Canadian Health Policy in the Media*. Available at SSRN. (202-205).
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8. Letourneau, N. (2016). Pourquoi le Canada fait-il mauvaise figure en matière de santé infantile? In O'Grady, K. (Eds.), *Why We Need More Canadian Health Policy in the Media*. Available at SSRN. (197-200).
9. Letourneau, N. (2016). Why does Canada do so poorly on children's health rankings? In O'Grady, K. (Eds.), *Why We Need More Canadian Health Policy in the Media*. Available at SSRN. (195-197).

Development of Curriculum, Course or Course Materials

Semester(s): Fall (F), Winter (W), Spring (P), Summer (S)

Course	Term	Semester(s)	Role/Activity
N 601.62	graduate	F18	My Leadership Journey
N 387/388	4	W18	Toxic Stress and Attachment: The Case of Postpartum Depression
N 387	4	W15	Toxic Stress and Attachment: The Case of Postpartum Depression
N 503.49/503.47	7	S14 S13	Toxic Stress and Attachment: The Case of Postpartum Depression
N 485	5	F13	Quantitative Methods
N 503.7/711	7 and graduate	S13	PPD and Attachment.
N 503.47	7	S13	Postpartum Adaptation
N 711	graduate	S13	Knowledge Transfer in Nursing
N 403	undergrad	S12	Relationship Risks and Infant Mental Health Promotion (CHILD Studies Research Program)
N 679	graduate	S12	Family Violence in Canada: The Littlest Victims.
N 711	graduate	S12	Community-Based Research with Impact: KT in Action

Professional Memberships

Date	Organization
2018-	International Society of Psychiatric – Mental Health Nurses
2018-	International Family Nursing Association
2013-	Society for Emotion and Attachment Studies
2012-	Alberta Association for Infant Mental Health, Board member 2012-, President Elect 2015-17, President 2018-
2012-	World Association for Infant Mental Health
2011-	Postpartum Support International
2009-	Developmental Origins of Health and Disease Network

2008-	IASA (Board since 2010 and Editor of DMM News since 2011)
2002-	Vanier Institute of the Family
2002-	National Council on Family Relations
1999-	Society for Research in Child Development
1999-	Society for Research on Adolescence
1999-	International Society on Infant Studies
1992-	College and Association of Registered Nurses of Alberta
1991-	Canadian Nurses Association
1991-	Nurses Association of New Brunswick

Boards, Committees and Other Activities

Date	Organization
2020	University of Calgary, Faculty of Nursing Tenure and Promotion Committee
2020	Peer Review Support Committee for University of Calgary in Qatar
2019	Canada Research Chair Selection Committee, Department of Psychiatry, Cumming School of Medicine
2017-2019	Faculty of Nursing Engagement Committee
2016-2017	Faculty of Nursing Strategic Planning Committee
2014	Alberta Children’s Hospital Research Institute Scientific Director Search Committee
2013-2016	University of Calgary, Brain and Mental Health Scholars Committee
2013-2015	University of Calgary Postdoctoral Fellowship Advisory Committee
2011-	Faculty of Nursing Research & Scholarly Development Committee, UofC
2012-	Faculty of Nursing Space Committee, UofC
2011-	Faculty of Nursing Graduate Programs Committee, UofC
2017-	Discovery House Women’s Shelter, Board of Directors (Governance Committee)
2016-	College and Association of Registered Nurses of Alberta (Calgary West Governor; Executive Committee and Finance and Pension Committee)
2015-	Alberta Health Services Strategic Clinical Network in Maternal, Newborn, Child and Youth - Advisory Board Member
2015-2016	Alberta Health Services Strategic Clinical Network in Addictions & Mental Health - Advisory Board Member
2010-	International Association for the Study of Attachment (IASA) Ad Hoc Board Member
2017-	Calgary Breastfeeding Matters Interest Group
2017-	National Council on Family Relations - Alberta Representative
2017	Advisory Reference Group for UNICEF Canada to advice development of Canadian Index of Child and Youth Well-being.
2015-	Social Media Volunteer, World Association of Infant Mental Health
2015-	GRITT-ASaP Advisory Committee
2013-	Society for Emotional and Attachment Studies Conference Committee
2007-	International Association for the Study of Attachment (Founding member)

Professional Development and Continuing Education

Date	Location	Activity	Program Title
2020-2021	Online	course	Watson Chair Suite
2019	Virginia Child and Family Attachment	certificate	MacArthur Attachment Coding Reliability Certificate

2017	Centre Canadian Mental Health Association	recertification	ASIST II Applied Suicide Intervention Skills Training Certificate
2017	Sheldon Kennedy Centre and Public Health Agency of Canada	certificate	Trauma Aware Certificate
2017	Alberta	certificate	Alberta Family Wellness Initiative Brain Story Certificate
2017	Alberta Epigenetics Network (AEN) in partnership with Pacific Institute of Mathematical Sciences (PIMS) Calgary, AB, University of Chicago Gleacher Centre,	workshop	AEN-PIMS Bioinformatics & Computational Biology Workshop
2017	University of Chicago Gleacher Centre,	course	Mediation, Moderation, and Conditional Process Analysis Andrew Hayes, PhD Instructor. Statistical Horizons
2017-2018	Family Relations Institute, Tavistock Centre, London	course	Toddler CARE-Index training. Pat Crittenden PhD Instructor
2017	AllerGen online	webinar	AllerGen webinar series on knowledge translation
2017	CARNA Edmonton	training	CARNA Policy Governance by the Governance Coach Program
2017-2018	University of Calgary	training	Haskayne School of Business & Cumming School of Medicine Executive Leadership Training
2017-2018	University of Calgary	training	Faculty of Nursing Leadership Seminar Series
2015-2017 2016	University of Calgary University of Minnesota	training training	Leadership Seminar Series Strange Situation Training (ABCD), Alan Sroufe PhD & Elizabeth Carlson PhD Instructors
2014	Calgary	workshop	Idea to Impact: Knowledge Translation Workshop
2013-2014	online	training	Frameworks: Mobilizing the Science mentorship series