

Education

2004	PhD	McGill University, Montreal, QC
1993-1995	Pre-doctoral studies	McGill University, Montreal, QC
1985	MSc(A) Nursing	McGill University, Montreal, QC
1979	BAS	Queen's University, Kingston, ON

Licensure and Certification

Current	Registered Nurse	College and Association of Registered Nurses of Alberta
1985-2004	Registered Nurse	OIIQ: Ordre des infirmières et infirmiers du Québec
1996-2004	Certified Childbirth Educator	International Childbirth Education Association

Academic Appointments

2010-present	Associate Professor	University of Calgary, Faculty of Nursing, Calgary, AB
2005-2007	Adjunct Assistant Professor	University of Calgary, Faculty of Kinesiology, Calgary, AB
2001-2009	Assistant Professor	University of Calgary, Faculty of Nursing, Calgary, AB

Research Funding

2012-2015	Practice of Pica on Pregnancy in Canadian Immigrant Women. PI: Mannion, C. ; Co-Is: Kim, A., Moules, N., Premji, S., Wilson, W.M. University of Calgary - Faculty of Nursing Endowment Award	\$4,100
2014	Scholarship of Constructing Multiple Choice Exams to Support Teaching and Learning. PI: Mannion, C. ; Co-Is: Hnatyshyn, T., O'Rae, A., Rutherford, G. University of Calgary - Taylor Institute Teaching and Learning Grant	\$14,523

Presentations, Refereed

1. Dhadda, J., **Mannion, C.**, Hirst, S., Dhillon, P. (2019, February). *The experiences of postpartum nurses following a change in a newborn emergency response process*. Poster presented at the meeting of the Canadian National Perinatal Research Meeting, Mont Tremblant, Canada. (Award winner in Nursing Midwifery Category)
2. Dhadda, J., **Mannion, C.**, Hirst, S., Dhillon, P. *The experiences of postpartum nurses following a change in a newborn emergency response process*. Poster presented at the meeting of Peer Beyond Graduate Research Symposium, University of Calgary, Calgary, Canada.
3. Imanoff, J., McCaffrey, G., & **Mannion, C.** (2018, April). *A hermeneutic how-to: Applying hermeneutic methods within clinical research*. Paper presented at the Qualitative Methods Conference, Calgary, Canada.
4. Langille, J., **Mannion, C.**, Duffet-Leger, L., & O'Rae, A. (2018, February). *Strengthening a Canadian curriculum using the ADDIE Model*. Poster presented at WRNCASN Conference, Calgary, Canada.
5. **Mannion, C.**, Hasanova, H., & Kim, M. J. (2018, February). *Women who practice Pica*. Poster presented at the Canadian National Perinatal Research Meeting, Banff, Canada.
6. **Mannion, C.**, O'Rae, A., Hnatshyn, T., Beck, A. J., & Patel, S. (2017, June). *Processes used by nurse educators to compose multiple choice*. Paper presented at the Nursing Science and Practice Conference, Irving, TX.
7. **Mannion, C.**, Ens, T., Poelzer, K., Bang, R., Ortiz M. M., & Woods, P. I. (2017, April). *The quality of life for families with children using the ketogenic diet for treatment of epilepsy*. Poster presented at the 6th London-Innsbruck Colloquium on Status Epilepticus and Acute Seizures. Salzburg, Austria.
8. Vinturache, A., **Mannion, C.**, Chaput, K. H., & Tough, S. (2017, March). *Back pain, urinary incontinence and maternal mental health at 12 months postpartum*. Paper presented at the British Maternal & Fetal Medicine Society, 19th Annual Conference, Amsterdam, The Netherlands.
9. Hnatyshyn, T., O'Rae, A., **Mannion, C.**, Beck, A. J., & Patel, S. (2017, March). *Nurse educators' reflections on their current multiple-choice exam practice and their vision for the future*. Poster presented at Dr. Olive Young Teaching and Learning Scholarship Day, Edmonton, Canada.
10. O'Rae, A., Hnatyshyn, T., **Mannion, C.**, Beck, A. J., & Patel, S. (2017, February). *Multiple choice exams: Nurse educators' current practices and their perspectives on future ideals*. Paper presented at the Western and North-Western Region Canadian Association of Schools of Nursing Conference, Victoria, Canada.
11. Huynh, D., An, M., Lee, O., **Mannion, C.**, & Ens, T. (2016, November). *Questioning the use of bedrails to prevent falls of adults in long term care*. Paper presented at the Margaret Scott Wright Research/Canadian Nursing Students Conference, Edmonton, Canada.
12. **Mannion, C. A.**, Hasanova, N., Kim, M. J., Premji, S., Moules, N. J., & Wilson, W. (2016, November). *Pica*. Paper presented at the Margaret Scott Wright Research/Canadian Nursing Students' Association Westin Hotel, Edmonton, Canada.
13. Imanoff, J., McCaffrey, G., & **Mannion, C.** (2016, November). *An application of hermeneutic methods within clinical research*. Paper presented at the Humanities in Healthcare Conference, Calgary, Canada.

14. Oh, Y., Yeon, J. J., Ens, T., & **Mannion, C.** (2016, November). *A review of the effect of nurses' use of smartphones to improve patient care in acute care*. Poster presented at the Margaret Scott Wright Research/Canadian Nursing Students' Conference, Edmonton, Canada.
15. Imanoff, J., McCaffrey, G., & **Mannion, C.** (2016, October). *Suffragettes for caesarean: 'Every woman should have a choice'*. Paper presented at the Qualitative Health Research Conference, Kelowna, Canada.
16. Bright, K., **Mannion, C.**, & Letourneau, N. (2016, October). *A call for Action: An integrated perinatal mental health care pathway for the Calgary Zone*. Paper presented at the 6th National Conference Canadian Association of Perinatal and Women's Health Nurses, Westin Hotel, Calgary AB Canada.
17. **Mannion, C.**, Hasanova, N., Kim, M. J., Premji, S., Moules, N., & Wilson, W. (2016, October). *Mix it up: Phenomenology and social media*. Paper presented at the Qualitative Health Research Conference, International Institute for Qualitative Health Research, Kelowna, Canada.
18. Bright, K., **Mannion, C.**, & Gagnon, L. (2016, October). *The Perinatal Anxiety Symptoms Scale- the PASS use in the clinical setting*. Paper presented at the 6th National Conference Canadian Association of Perinatal and Women's Health Nurses, Westin Hotel, Calgary AB Canada.
19. Huynh, D., An, M., Lee, O., **Mannion, C.**, & Ens, T. (2016, September). *Questioning the use of bedrails to prevent falls of adults in long term care*. Paper presented at the Campus Alberta Student Conference on Health, Calgary, Canada.
20. Huynh, D., An, M., Lee, O., **Mannion, C.**, & Ens, T. (2016, September). *Questioning the use of bedrails to prevent falls of adults in long term care*. Paper presented at the Undergraduate Research Symposium, University of Calgary, Calgary, Canada.
21. Oh, Y., Yeon, J.J., Ens, T., & **Mannion, C.** (2016, September). *A review of the effect of nurses' use of smartphones to improve patient care in acute care*. Poster presented at the Campus Alberta Student Conference on Health, Calgary, Canada.
22. Imanoff, J., **Mannion, C.**, & McCaffrey, G. (2016, September). *Suffragettes for caesarean: "Every woman should have a choice"*. Paper presented at the Campus Alberta Student Conference on Health, Calgary, Canada.
23. Oh, Y., Yeon, J. J., Ens, T., & **Mannion, C.** (2016, September). *A review of the effect of nurses' use of smartphones to improve patient care in acute care*. Poster presented at the Undergraduate Research Symposium, University of Calgary, Calgary, Canada.
24. Imanoff, J., **Mannion, C.** & McCaffery, G. (2016, February). *Choosing caesarean: Is it the right choice?* Poster presented at the Canadian National Perinatal Research Meeting, Banff, Canada.
25. Kim, M. J., Hasanova, N., **Mannion, C.**, Premji, S., Moules, N. J., & Wilson, W. (2016, February). *Practice of Pica during pregnancy of immigrant women*. Poster presentation at the Canadian National Perinatal Research Meeting, Banff, Canada.
26. Imanoff, J., **Mannion, C.**, & McCaffery, G. (2015, September). *Choosing caesarean: Is it the right choice?* Poster presented at the Campus Alberta Student Conference on Health, Calgary, Canada.
27. **Mannion, C.**, Vinturache, A., McDonald, S., & Tough, S. (2015, May). *Back pain and urinary incontinence in women at 12 months postpartum*. Paper presented at the Department of Obstetrics & Gynecology Christie Research Day, University of Calgary, Canada.
28. **Mannion, C.**, Vinturache, A., McDonald, S., & Tough, S. (2015, May). *The effect of back pain and urinary incontinence on daily tasks of mothers at 12 months postpartum*. Paper presented at the

- Women's Mental Health Day Conference, Continuing Medical Education & Professional Development, Cumming School of Medicine, University of Calgary, Calgary, Canada.
29. Bright, K., **Mannion, C.**, & Raffin-Bouchal, S. (2015, May). *The experience of transitioning into motherhood: Giving a voice to mothers with very low birth weight babies*. Paper presented at the Women's Mental Health Day Conference, Continuing Medical Education & Professional Development, Cumming School of Medicine, University of Calgary, Calgary, Canada.
 30. McDonald, S., **Mannion, C.**, Vinturache, A., & Tough, S. (2015, May). *The impact of back pain and urinary incontinence following childbirth on breastfeeding and postpartum mental health*. Paper presented at the Women's Mental Health Day Conference, Continuing Medical Education & Professional Development, Cumming School of Medicine, University of Calgary, Calgary, Canada.
 31. Bright, K., **Mannion, C.**, Raffin Bouchal, S., & Letourneau, N. (2015, May). *A call for Action: An integrated perinatal mental health care pathway for the Calgary Zone*. Paper presented at the Women's Mental Health Day Conference, Continuing Medical Education & Professional Development, Cumming School of Medicine, University of Calgary, Calgary, Canada.
 32. Vinturache, A., **Mannion, C.**, McDonald, S. W., & Tough, S. C. (2015, April). *The effect of back pain and urinary incontinence on daily tasks of mothers at 12 months postpartum*. Presented at the 71st SOGC Annual Clinical and Scientific Conference, Quebec City, Canada.
 33. Bright, K., **Mannion, C.**, & Raffin-Bouchal, S. (2015, March). *The experience of transitioning into motherhood: Giving a voice to mothers with very low birth weight*. Paper presented at the Graduate Student Research Symposium, Calgary, Canada.
 34. **Mannion, C.**, O'Rae, A., Rutherford, G., Hnatyshyn, T., & Beck, A. J. (2015, February). *The scholarship of constructing multiple choice exams to support teaching and learning*. Paper presented at the Western and North-Western Region Canadian Association of Schools of Nursing Conference, Kimberly, Canada.
 35. **Mannion, C.**, Vinturache, A., McDonald, S., & Tough, S. (2015, February). *The effect of back pain and urinary incontinence on daily tasks of mothers at 12 months postpartum*. Paper presented at the 2nd Canadian National Perinatal Research Meeting, Montebello, Canada.
 36. Bright, K., **Mannion, C.**, & Raffin-Bouchal, S. (2015, February). *The experience of transitioning into motherhood: Giving a voice to mothers with very low birth weight babies*. Paper presented at the 2nd National Perinatal Research Meeting, Montebello, Canada.
 37. Imanoff, J., **Mannion, C.** & McCaffrey, G. (2014, November). *The great caesarean debate: Choice as a potential indication for caesarean delivery in cased of fear of childbirth*. Paper presented at the Margaret Scott Wright Research Day, Edmonton, Canada.
 38. Bang, R., Ortiz, M., Poelzer, K., Woods, P., Ens, T., & **Mannion, C.** (2014, November) *The Ketogenic diet and the quality of life of families with children who have epilepsy*. Paper presented at the Margaret Scott Wright Conference, Edmonton, Canada.
 39. **Mannion, C.**, Kim, M. J., Hasonova, N., Premji, S., Moules, N. J., & Wilson, W. (2014, November). *The investigation of Pica behaviour among immigrant women during pregnancy*. Paper presented at the Margaret Scott Wright Conference, Edmonton, Canada.
 40. Wigmore, J., **Mannion, C.**, & McCaffery, G. (2014, October). *Fusion of horizons: An interpretive analysis of women's choice for caesarean deliveries*. Paper presented at the Canadian Association of Perinatal and Women's Health Nursing Annual Conference, Regina, Canada.
 41. Imanoff, J., McCaffery, G., & **Mannion, C.** (2014, October). *Fusion of horizons: An interpretive*

analysis of women's choice for caesarean deliveries. Paper presented at the Qualitative Health Research Conference, Victoria, Canada.

42. Bright, K., **Mannion, C. A.**, & Raffin-Bouchal, S. (2014, May). *The experience of transitioning into motherhood: Giving a voice to mothers with very low birth weight babies – Psychological distress and PTSD*. Paper presented at the Women's Mental Health Day Conference, Continuing Medical Education & Professional Development, Cumming School of Medicine, University of Calgary, Calgary, Canada.
43. **Mannion, C.**, & Ens, T. (2015, April). *Dietary supplements and prescription medication use in older adults: A systematic review*. Poster presented at the International Association of Gerontology and Geriatrics European Region Congress, Dublin, Ireland.
44. Brockway, M., & **Mannion, C.** (2014, April). *Breastfeeding beyond infancy: Well-child nurses' knowledge, attitudes, and beliefs*. Poster presented at ACHRI Symposium, University of Calgary, Calgary, Canada.
45. Wigmore, J., McCaffrey, G., & **Mannion, C.** (2014, March). *Understanding caesarean deliveries: A choice for new mothers*. Paper presented at the Humanities in Healthcare Conference, Calgary, Canada.
46. McCaffrey, G., & **Mannion, C. A.** (2014, February). *In hospital though shalt bring forth children, the language of childbirth*. Poster presented at the National Perinatal Conference, Banff, Canada.
47. Wigmore, J., **Mannion, C.** & McCaffery, G. (2014, February). *The great caesarean debate: The concept of fear of childbirth as a potential indication for caesarean delivery*. Poster presented at the Canadian National Perinatal Research Meeting, Alberta, Canada.

Publications, Peer-Reviewed Journal Articles

1. O'Rae, A., Hnatyshyn, T., Beck, A. J., **Mannion, C.**, & Patel, S. (2018). An appreciative inquiry into nurse educators' exam practices. *Nursing Education Perspectives*. doi:10.1097/01.NEP.0000000000000415
2. Poelzer, K., Mannion, C., Ortiz, M., Bang, P., Woods, P. (2018). A systematic review of the quality of life for families supporting a child consuming the ketogenic diet for seizure reduction. <https://doi.org/10.1093/cdn/nzy079>
3. Yoon, S., Oh, Jae Joon Yeon, Ens, T.A, **Mannion, C.A.** (2017). A review of the effect of nurses' use smartphones to improve patient care. *Journal of Undergraduate Research in Alberta*, 6, 1-8.
4. Foran, C. A., **Mannion, C.**, & Rutherford, G. (2017). Focusing elementary students with active classrooms: Exploring teachers' perceptions of self-initiated practices. *International Electronic Journal of Elementary Education*, 10(1), 61-69. doi:10.26822/iejee.2017131887
5. Foran, C., Rutherford, G., & **Mannion, C.** (2016). Teachers talk: Evolving interviews to understand perceptions of classroom physical activity. *International Journal for Qualitative Methods*, 15(1), 4. doi:10.1177/1609406916628969
6. **Mannion, C.**, Hasanova N., Kim, M. J., Premji, S. Moules, N. & Wilson, W. (2016). Understanding the lived experience of pregnant women practicing Pica. *International Journal for Qualitative Methods*, 15(1), 25. doi:10.1177/1609406916672113

7. Hobbs, A. J., **Mannion, C. A.**, McDonald, S. W., Brockway, M., & Tough, S. C. (2016). The impact of caesarean section on breastfeeding initiation, duration and difficulties in the first four months postpartum. *BMC Pregnancy and Childbirth*, *16*, 90. doi:10.1186/s12884-016-0876-1
8. **Mannion, C. A.**, Hasanova, N., Kim, M. J., Premji, S., Moules, N. J., & Wilson, W. (2016). The practice of Pica during pregnancy. *Journal of Pediatric and Neonatal Individualized Medicine*, *6*(1), 13. doi:10.7363/060110
9. **Mannion, C. A.**, Vinturache, A. E., McDonald, S. W., & Tough, S. C. (2015). The influence of back pain and urinary incontinence on daily tasks of mothers at 12 months postpartum. *PloS One*, *10*(6), e0129615. doi:10.1371/journal.pone.0129615
10. Hooge, S. L., Benzies, K. M., & **Mannion, C. A.** (2014). Effects of a brief, prevention-focused parenting education program for new mothers. *Western Journal of Nursing Research*, *36*(8), 957-974. doi:10.1177/0193945913519871
11. Page, S. A., Bell, L. H., **Mannion, C.**, & Verhoef, M. J. (2014). Retrospective case analyses of two people with cancer who followed the Bill Henderson Protocol. *Journal of Evidence-Based Complementary and Alternative Medicine*, *19*(1), 5-9. doi:10.1177/2156587213498096
12. **Mannion, C. A.**, Raffin-Bouchal, S., & Henshaw, C. J. (2014). Navigating a strange and complex environment: Experiences of Sudanese refugee women using a new nutrition resource. *Int J Womens Health*, *6*, 411-422. doi:10.2147/ijwh.s56256
13. Nyanza, E. C., Joseph, M., Premji, S. S., Thomas, D. S. K., & **Mannion, C.** (2014). Geophagy practices and the content of chemical elements in the soil eaten by pregnant women in artisanal and small scale gold mining communities in Tanzania. *BMC Pregnancy and Childbirth*, *14*(1), 144. doi:10.1186/1471-2393-14-144

Published Conference Papers and Abstracts

1. Saini, A., **Mannion, C.** Implementing Nutrition Content in an Integrated Nursing Program (2018 Nov). *Margaret Scott Wright Research/Canadian Nursing Students' Association*. Edmonton, Canada
2. **Mannion, C.**, Hnatyshyn, T., O'Rae, A., Beck, A., Patel, S. (2018, September). Nurse educators and multiple choice examination practices. *NLN 125 Education Summit*, Chicago, USA.
3. Poelzer, K., Woods, P., Ortiz, M., Bang, R., **Mannion, C.**, Ens, T. (September 2018). A Systematic review of the quality of life for families supporting a child consuming the ketogenic diet for seizure reduction. *CASCH University of Calgary*, Calgary, Canada.
4. Dhadda, J. & **Mannion, C.** (2018, February). The Effect of a New Newborn Resuscitation Protocol on the Self Efficacy of Postpartum Nurses. *Peer Beyond Graduate Research Symposium*, University of Calgary, Calgary, Canada.
5. Dhadda, J. & **Mannion, C.** (2018, March). The Effect of a New Newborn Resuscitation Protocol on the Self Efficacy of Postpartum Nurses. *Nursing Graduate Student Association*, University of Calgary.
6. Dhadda, J. **Mannion, C.**, Hirst, S. (2018, September), Dhillon, P. (2018, September). The Effect of a Change in the Newborn Emergency Response Process on the Self-efficacy of Postpartum Nurses. *Campus Alberta Student Conference on Health*, University of Calgary, Calgary, Canada.

7. Langille, J., **Mannion, C.**, Duffet-Leger, L. O'Rae, A., (2018 February). Strengthening a Canadian curriculum using the ADDIE Model. *WRNCASN*, Calgary, Canada.
8. **Mannion, C.**, Hasanova, H., Kim, M.J., Premji S., Moules N., Wilson, W. (2018, February). Women who practice pica. *Canadian National Perinatal Research Meeting*, Banff, Canada.
9. Dhadda, J., **Mannion, C.** (2018 February) The Effect of a Change in the Newborn Emergency Response Process on the Self-efficacy of Postpartum Nurses. *Peer Beyond Graduate Research Symposium*, GSA University of Calgary, Calgary, Canada.
10. **Mannion, C.**, Ens, T., Poelzer, K., Bang, R., Ortiz M.M., & Woods, Pl. (2017 April 6-8). The Quality of Life for Families with Children Using the Ketogenic Diet for Treatment of Epilepsy. *The 6th London-Innsbruck Colloquium on Status Epilepticus and Acute Seizures*. Salzburg, Austria.
11. Hnatyshyn, T., O'Rae, A., **Mannion, C.**, Beck, A. J., and Patel, S. (2017 March 24). Nurse Educators' Reflections on Their Current Multiple Choice Exam Practice and Their Vision for the Future. *Dr. Olive Young Teaching and Learning Scholarship Day*. Edmonton, Canada.
12. Vinturache A, **Mannion C.**, Chaput K.H., Tough S. (2017, March). Back pain, urinary incontinence and maternal mental health at 12 months postpartum. *British maternal & fetal medicine society*, 19th Annual Conference, Amsterdam, The Netherlands.
13. Winn, A., Vinturache, A., **Mannion, C.** (2016 Jan). Experiences with prenatal counselling among women weight do not meet gestational weight gain guidelines. *Students' Union Undergraduate Research Symposium*, Cumming School of Medicine, University of Calgary, Calgary, Canada. <http://dx.doi.org/10.11575/PRISM/10464>
14. **Mannion, C.**, Kim, M.J., Hasanova N. Premji, S. Moules, N. & Wilson, W. (2016, November). Pica. *Margaret Scott Wright Research/Canadian Nursing Students' Association*, Edmonton, Canada.
15. Huynh, D., An, M., Lee, O., **Mannion, C.**, Ens, T. (2016). Questioning the use of bedrails to prevent falls of adults in long term care. *Margaret Scott Wright Research/Canadian Nursing Students' Association*, Edmonton, Canada.
16. Huynh, D., An, M., Lee, O., **Mannion, C.**, Ens, T. (2016). Questioning the use of bedrails to prevent falls of adults in long term care. *Campus Alberta Student Conference on Health*. Calgary, Canada.