

Natalie Visca Scime

Curriculum Vitae

BIOGRAPHICAL INFORMATION

Name:	Natalie Visca Scime	Mailing address:	Owerko Centre, Child Development Centre, 2500 University Dr. NW, Calgary, AB, T2N 1N4
Position:	Doctoral Candidate		
Faculty:	Cumming School of Medicine		
Department:	Community Health Sciences	Phone:	403-441-8465
Institution:	University of Calgary, Canada	Twitter:	@NatalieScime
Email:	natalie.scime@ucalgary.ca	Website:	www.nataliescime.com

EDUCATION

2017–Present	Doctor of Philosophy in Epidemiology (PhD), University of Calgary (Calgary, Canada) Dissertation title: Breastfeeding intentions, outcomes, and perceptions of support in women with pre-existing conditions: the Motherhood and Chronic Illness (MaCI) mixed methods cohort study Co-supervisors: Dr. Kathleen Chaput & Dr. Suzanne Tough Advisory Committee: Dr. Amy Metcalfe, Dr. Alberto Nettel-Aguirre
2015–2017	Master's of Science in Health Promotion (MSc), Western University (London, Canada) Thesis title: Breastfeeding resources for mothers of preterm infants in Canadian neonatal intensive care units: An environmental scan Supervisor: Dr. Shauna Burke Advisory Committee: Dr. Michelle Mottola, Dr. Marilyn Evans
2011–2015	Bachelor of Health Sciences with Honours Specialization (BHSc), Western University (London, Canada) Honours independent study title: Parents' experiences and perceptions when classifying their children with cerebral palsy: Recommendations for service providers Supervisor: Dr. Doreen Bartlett Advisory Committee: Dr. Laura Brunton, Dr. Robert Palisano Graduated with Distinction; Cumulative GPA of 88%

SCHOLARSHIPS, AWARDS, AND HONOURS

2020	Department of Community Health Sciences First Author Publication Award, University of Calgary	\$200
2019	Transformative Talent Skills Internships-Entrepreneurship & Innovation Option, University of Calgary	\$3,000 (course tuition)
2019	Canadian Student Health Research Forum Travel Award, Canadian Institutes of Health Research	\$1,000
2018, 2019	Department of Community Health Sciences Achievement Award, University of Calgary	\$1,400
2017/18/19	The Graduate College Scholarship, University of Calgary	\$1,500

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2019–2021	Frederick Banting and Charles Best Canada Graduate Scholarship-Doctoral Award, Canadian Institutes of Health Research	\$105,000
2018–2021	Achievers in Medical Science (AIMS) Doctoral Scholarship, University of Calgary	\$120,000*
2018	Alberta Children’s Hospital Research Institute (ACHRI) Trainee Travel Award	\$500
2018	Alberta Strategy for Patient-Oriented Research (SPOR) Graduate Studentship	\$30,000
2017–2018	Dean's Doctoral Scholarship, University of Calgary	\$15,000
2017	Maternal Newborn Child and Youth (MNCY) Summer Studentship, Alberta Health Services	\$10,000
2016, 2017	Health and Rehabilitation Sciences Graduate Conference Travel Award, Western University	(x2) \$400
2016, 2017	Faculty of Health Sciences Graduate Conference Travel Award, Western University	(x2) \$260
2016–2017	Western Graduate Research Scholarship, Western University	\$6,000
2016–2017	Ontario Graduate Scholarship, Province of Ontario & Western University	\$15,000
2015–2016	Western Graduate Research Scholarship, Western University	\$6,000
2015–2016	Frederick Banting and Charles Best Canada Graduate Scholarship-Master’s Award, Canadian Institutes of Health Research	\$17,500
2012/13 /14/15	Dean’s Honour List, Faculty of Health Sciences, Western University	n/a
2014–2015	AER Award in Health Studies, Western University	\$5,000
2014–2015	In-Course Scholarship, School of Health Studies, Western University	\$750
2014–2015	LIUNA Local 837 Scholarship, Labourers International Union of North America	\$3,000
2011–2012	Western Scholarship of Excellence, Western University	\$2,000
2011	Stevenson Memorial Hospital Scholarship, St. Thomas Aquinas Catholic Secondary School	\$500

* Amount awarded; amount received is adjusted as per external funding

RESEARCH FUNDING

Current Grants

07/2021 – 06/2024 \$105,000	Sex, drugs & chronic pain after pelvic organ prolapse surgery: Investigating patient and clinician priorities related to pelvic floor surgery in Canada Canadian Institutes for Health Research, Early Career Investigators in Maternal, Reproductive, Child and Youth Health Brennand E (PI), Robert M, Metcalfe A, Scime N (Co-I) , Ramage K, Walker L, Ahmed S
09/2020 – 08/2022 \$100,000	Uterine preservation versus hysterectomy for pelvic organ prolapse surgery: Differences in health care utilization and patient outcomes † MSI Foundation Brennand E (PI), Kim-Fine S, Robert M, Murphy M, Birch C, Metcalfe A, Chaput K, Scime N (Co-I) , Ducey A
05/2020 – 04/2022	Let’s talk about you: Engaging youth in health outcomes research † Department of Pediatrics, University of Calgary, Innovation Award

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- \$7,500 Tough S (Co-PI), McDonald S (Co-PI), MacKinnon A, McArthur BA, **Scime N (Collaborator)**, Hagel B, Graham S
- 05/2020
– 04/2022
\$25,000 Let's talk 12: Engaging youth in health outcomes research †
Alberta Children's Hospital Research Institute, Collaborative Research Initiative Grant
Tough S (Co-PI), McDonald S (Co-PI), MacKinnon A, McArthur BA, **Scime N (Co-I)**, Hagel B, Graham S
- 05/2019
– 04/2022
\$35,000 Breastfeeding intentions, outcomes, and perceptions of support in women with pre-existing conditions: the Motherhood and Chronic Illness (MaCI) mixed methods cohort study
The Alva Foundation
Chaput K (PI), **Scime N (Co-I*; PhD project)**, Tough S, Metcalfe A, Nettel-Aguirre A

Grants Under Review/In Preparation

- 01/2022
– 12/2027
\$2.6M GROWW: Guiding interdisciplinary Research On Women's and girls' health and Wellbeing
Canadian Institutes of Health Research, Training Grant: Health Research Training Platform
Metcalfe A (Co-PI), Brennand EA (Co-PI), Gordon J (Co-PI), Van Lieshout R (Co-PI), **Scime NV (Co-I)**, et al. (50+ team members across Canada)
- 09/2021
– 08/2022
\$3,000 Lifetime breastfeeding duration and risk of rheumatoid arthritis in women: A cross-cohort comparison leveraging the 1990's resurgence of breastfeeding
Alberta Children's Hospital Research Institute
Scime NV (PI), Chaput KH, Tough SC, Azad MB

Past Grants

- 06/2020
– 05/2021
\$50,000 Uterine preservation versus hysterectomy for pelvic organ prolapse surgery: A mixed methods prospective cohort study exploring health outcomes and patient beliefs †
Canadian Institutes of Health Research, Clinical Mentorship Grant
Brennand E (PI; Mentor), **Scime N (Mentee)**
- 11/2018
– 05/2021
\$5,000 High-risk pregnancy and breastfeeding initiation and duration among a community-based cohort of women in Calgary, Alberta
PolicyWise for Children & Families, Secondary Data Use Grant
Chaput K (Co-PI), **Scime N (Co-PI)**, Metcalfe A, Nettel-Aguirre A, Tough S
- 05/2019
– 04/2021
\$25,000 Breastfeeding intentions, outcomes, and perceptions of support in women with pre-existing conditions: the Motherhood and Chronic Illness (MaCI) mixed methods cohort study
Department of Pediatrics, University of Calgary, Innovation Award
Nettel-Aguirre A (Co-PI), Chaput K (Co-PI), **Scime N (Co-I*; PhD project)**, Metcalfe A, Tough S
- 2018–2019
\$2,240 Let's talk 12: informing priorities for health research with 12-year old adolescents and their families
Campus Alberta Health Outcomes and Public Health Meeting Grants Award
Hetherington E (Co-PI), **Scime N (Co-PI)**, Tough S (Co-PI), McDonald S, MacKinnon A

* I developed and wrote this grant, and will lead the research team with study implementation.

† Initiation of projects outlined in these grants have been delayed or in some way adversely impacted by the COVID19 pandemic.

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RESEARCH POSITIONS

2019–Present	Graduate Research Associate Calgary Pelvic Health Research Group , University of Calgary (Calgary, Canada) Mentor: Dr. Erin Brennand
2017–Present	Project Lead/Coordinator Motherhood and Chronic Illness (MaCI) Study , University of Calgary (Calgary, Canada) Supervisor: Dr. Kathleen Chaput
2017–Present	Graduate Student Researcher All Our Families Study , University of Calgary (Calgary, Canada) Supervisor: Dr. Suzanne Tough
2017–2020	Research Associate Bright from the Start Lab, University of Calgary (Calgary, Canada) Supervisors: Dr. Karen Benzies & Dr. Carla Ginn
2018–2019	Data Analyst Food, Policy & Health Initiative, University of Calgary (Calgary, Canada) Supervisor: Dr. Charlene Elliott
2017–2019	Research Student & Practice Consultant Maternal Newborn Child & Youth Strategic Clinical Network (Alberta, Canada) Supervisor: Debbie Leitch
2016–2017	Research Assistant Centre for Studies in Family Medicine, Western University (London, Canada) Supervisor: Dr. Judith Belle Brown & Cathy Thorpe
2015–2017	Research Assistant St. Joseph's Health Care London (London, Canada) Supervisor: Dr. Dalton Wolfe
2016	Review Assistant Cochrane Task Exchange Supervisor: Dr. Danette Langbecker
2014–2015	Research Assistant School of Physical Therapy, Western University (London, Canada) Supervisor: Dr. Doreen Bartlett
2014–2015	Research Practicum Fowler Kennedy Sport Medicine Clinic, Western University (London, Canada) Supervisor: Dr. Lisa Fischer

PUBLICATIONS

Students I have supervised or formally mentored are underlined. Note: my former surname is Visca.

Published

1. Hetherington E, Adhikari K, **Scime NV** & Metcalfe A. (2021). Cesarean deliveries among immigrant and Canadian-born women in a representative community population in Canada: A retrospective cohort study. *Journal of Obstetrics & Gynaecology Canada*, Epub ahead of print.
<https://doi.org/10.1016/j.jogc.2021.07.017>

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2. **Scime NV**, Metcalfe A, Nettel-Aguirre A, Tough SC, & Chaput KH. (2021). Association of prenatal medical risk with breastfeeding outcomes up to 12 months in the All Our Families community-based birth cohort. *International Breastfeeding Journal*, 16:69. <https://doi.org/10.1186/s13006-021-00413-0>
3. **Scime NV**, Lee S, Jain M, Metcalfe A, & Chaput KH. (2021). A scoping review of breastfeeding among women with chronic diseases. *Breastfeeding Medicine*, Epub ahead of print. <https://doi.org/10.1089/bfm.2021.0129>
4. Joseph KS, John S, Boutin A, **Scime NV**, Chaput KH, Muraca G, Razaz N, Sabr Y, Lisonkova S, & Dendukuri N. (2021). Modern obstetrics: Beyond early delivery for fetal or maternal compromise. *American Journal of Obstetrics & Gynecology MFM*, 3, 100274. <https://doi.org/10.1016/j.ajogmf.2020.100274>
5. **Scime NV**, Patten SB, Tough SC, & Chaput KH. (2020). Maternal chronic disease and breastfeeding outcomes: a Canadian population-based study. *The Journal of Maternal-Fetal Neonatal Medicine*, Epub ahead of print. <https://doi.org/10.1080/14767058.2020.1743664>
6. **Scime NV**, Chaput KH, Faris P, Quan H, Tough SC, & Metcalfe A. (2020). Pregnancy complications and preterm live births according to maternal age group: a population-based study of delivery hospitalizations in Alberta. *Acta Obstetrica et Gynecologica Scandinavica*. 99, 459-468. <https://doi.org/10.1111/aogs.13769>. This manuscript was subsequently covered in an [article on Contemporary OB/GYN](#). I was awarded a departmental first author publication award for this paper.
7. **Scime NV**, Swansburg RM, Kromm SK, Metcalfe A, Leitch D, & Chaput KH. (2019). National analysis of risk assessment content in prenatal records across Canada. *Journal of Obstetric, Gynecologic, & Neonatal Nursing*, 48, 507-515. <https://doi.org/10.1016/j.jogn.2019.07.003>
8. **Scime NV**, Gavarkovs AG, & Chaput KH. (2019). The effect of skin-to-skin care on postpartum depression among mothers of preterm or low birth weight infants: A systematic review and meta-analysis. *Journal of Affective Disorders*, 253, 376-384. <https://doi.org/10.1016/j.jad.2019.04.101>
9. Elliott C & **Scime NV**. (2019). Nutrient Profiling and Child-Targeted Supermarket Foods: Assessing a “Made in Canada” Policy Approach. *International Journal of Environmental Research and Public Health*. 16, 639. <https://doi.org/10.3390/ijerph16040639>
10. Tomasone JR, Flood SM, Ma JK, **Scime NV**, Burke SM, Sleeth L, Marrocco S, & The SCIRE Research Team. (2018). Physical activity self-management interventions for adults with spinal cord injury: Part 1—Use and effectiveness of behavior change techniques. *Psychology of Sport and Exercise*, 37, 274-285. <https://doi.org/10.1016/j.psychsport.2018.01.012>
11. Burke SM, Tomasone JR, **Scime NV**, Ma JK, Harden SM, Wolfe DL, & The SCIRE Research Team. (2018). Physical activity self-management interventions for adults with spinal cord injury: Part 2—Exploring the generalizability of findings from research to practice. *Psychology of Sport and Exercise*, 37, 286-295. <https://doi.org/10.1016/j.psychsport.2018.02.013>
12. **Scime NV** & Burke SM. (2018). An environmental scan of breastfeeding resources in Canadian neonatal intensive care units. *Journal of Obstetric, Gynecologic, & Neonatal Nursing*, 47, 202-213. <https://doi.org/10.1016/j.jogn.2017.12.005>
13. **Scime NV**. (2017). Supporting breastfeeding during humanitarian emergencies. *University of Western Ontario Medical Journal*, 86, 12-13. [Medical Student Journal]
14. **Scime NV**, Bartlett DJ, Brunton LK, & Palisano RJ. (2017). Parents’ experiences and perceptions when classifying their children with cerebral palsy: Recommendations for service providers. *Physical and Occupational Therapy in Pediatrics*, 37, 252-267. <https://doi.org/10.1080/01942638.2016.1185505>

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15. **Scime NV.** (2016). Promoting a healthy microbiome in preterm infants. *Health Science Inquiry*, 7, 19-20. [Graduate Student Journal]
16. Hanna AD & **Scime NV.** (2016). Physical activity versus metformin for increasing insulin sensitivity in children and adolescents at-risk for type 2 diabetes. *University of Western Ontario Medical Journal*; 85, 26-28. [Medical Student Journal]
17. **Scime NV.** (2016). Antidepressant use during pregnancy: Current attitudes and knowledge translation efforts. *University of Western Ontario Medical Journal*, 85, 11-13. [Medical Student Journal]

Accepted/In Press

Scime NV, Ramage K & Brennand A. Protocol for a prospective multi-site cohort study investigating hysterectomy versus uterine preservation for pelvic organ prolapse surgery: The HUPPS study. *Accepted at BMJ Open*.

Submitted/Under Review

Scime NV, Hetherington E, Tomfohr-Madsen L, Nettel-Aguirre A, Chaput KH, & Tough SC. Hypertensive disorders in pregnancy and child development at 36 months in the All Our Families prospective cohort study. *Under review at PLoS One*.

Scime NV, Brown HK, Metcalfe A, & Brennand EA. Prevalence of hysterectomy by self-reported disability among Canadian women: findings from a national cross-sectional survey. *Under review at Women's Health Reports*.

Scime NV, Hetherington E, Metcalfe A, Chaput KH, Dumanski SM, Seow C, & Brennand EA. Association between chronic conditions and urinary incontinence in women: A population-based cross-sectional analysis. *Under review at CMAJ Open*.

Zanoni P, **Scime NV**, Benzie KM, Mrklas K, McNeil DA, & The Alberta FiCare[®] in Level II NICU Study Team. Facilitators and barriers to implementation of Alberta Family Integrated Care (FiCare) in Level II NICUs: a qualitative process evaluation sub-study of a multi-centre cluster RCT using the Consolidated Framework for Implementation Research. *Under review at BMJ Open*.

Cummings S, Ramage K, Scime NV, Ahmed S, & Brennand EA. Polarity and Diversity in Gender Expression: A novel measurement for sex and gender-based analysis conducted in clinical research with cisgender female participants. *Under review at Socius*.

Shah FI, Ramage K, Scime NV, Brennand EA, & Walker LM. Pelvic organ prolapse (POP) takes up space in the bedroom: A mixed methods exploration of the circular sexual response cycle in women with POP. *Under review at Female Pelvic Medicine & Reconstructive Surgery*.

Singh J, **Scime NV**, Chaput KH. Exploring the association between Caesarean delivery and breastfeeding difficulties in a prospective cohort: The Happy Baby Study. *Submitted to Journal of Human Lactation*.

Selected Works in Progress

Scime NV, Brown HK. Recurrent pregnancy loss and incident arthritis in mid-life women: an exploratory longitudinal analysis of the Study of Women's Health Across the Nation.

Scime NV, Brennand EA, Metcalfe A. Autoimmune disease and complications following Cesarean delivery: A population-based analysis.

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Non-Refereed Publications

Maternal Newborn Child & Youth Strategic Clinical Network (2018). Alberta Prenatal Record Completion Guide. *Prepared to support implementation of the revised prenatal record and distributed to maternity care providers in Alberta; I was responsible for developing the initial draft on behalf of our working group.*

Visca N. & Carroll J. (2014). "Photo Diagnosis—Large Cystic Lesion". *The Canadian Journal of Diagnosis*, 31(10).

Visca N. & Carroll J. (2014). "Photo Diagnosis—Large, Painful Nodule". *The Canadian Journal of Diagnosis*, 31(9).

Visca N. & Carroll J. (2014). "Case in Point: Bleeding Papule on the Finger". *The Canadian Journal of Diagnosis*, 31(7).

Visca N. & Carroll J. (2013). "Photo Diagnosis—Cracks in the Nail". *The Canadian Journal of Diagnosis*, 30(10).

CONFERENCE PRESENTATIONS & POSTERS

Students I have supervised or formally mentored are underlined. * indicates presenting author.

Oral Presentations

1. Zanoni P, * **Scime NV**, Benzies K, McNeil D, & Mrklas K. Understanding implementation of Alberta Family Integrated Care (AB-FICare™) in Level II Neonatal Intensive Care Units (NICU) using the Consolidated Framework for Implementation Research (CFIR). Canadian Association of Perinatal and Women's Health Nurses (CAPWHN) 10th Annual Conference. Virtual, online. September 23-25, 2021.
2. **Scime NV**, * Metcalfe A, Nettel-Aguirre A, Tough SC, & Chaput KH. Association of prenatal medical risk with breastfeeding duration in a community-based birth cohort. International Society for Research on Human Milk and Lactation Virtual Research Workshop 2020. Virtual, online. August 17-20, 2020. *Awarded Best Oral Presentation on Workshop Day 4.*
3. **Scime NV**, * Metcalfe A, Nettel-Aguirre A, Tough SC, & Chaput KH. Association of prenatal medical risk with breastfeeding duration in a community-based birth cohort. Alberta Children's Hospital Research Institute Research Retreat. Banff, Canada, December 12-13, 2019.
4. Brown JB, * Thorpe C, **Scime NV**, & Green M. Engaging family physicians in primary health care system change: Core requirements. 45th North American Primary Care Research Group (NAPCRG) Annual Meeting. Montreal, Canada, November 17-21, 2017.
5. Tomasone JR, * Flood SM, Ma JK, **Scime NV**, Burke SM, Sleeth L, Marrocco S, & The SCIRE Research Team. Physical activity self-management interventions for adults with spinal cord injury: Part 1—Use and effectiveness of behavior change techniques. Canadian Society for Psychomotor Learning and Sport Psychology 2017. St. John's, Canada, October 12-14, 2017.
6. Burke SM, * Tomasone JR, **Scime NV**, Ma JK, Harden SM, Sleeth L, Marrocco S, & The SCIRE Research Team. Physical activity self-management interventions for adults with spinal cord injury: Part 2—Exploring the generalizability of findings from research to practice. Canadian Society for Psychomotor Learning and Sport Psychology 2017. St. John's, Canada, October 12-14, 2017.
7. Brockway M* & **Scime NV**. Establishing the infant gut microbiome for lifelong health: The role of breastfeeding. 2017 International Lactation Consultants Association Conference. Toronto, Canada, July 19-22, 2017.

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8. Brown JB,* Thorpe C, **Scime NV**, & Green M. Meaningful engagement for health system change: Family physicians' perspectives. Trillium 2017: Primary Health Care Research Day. Toronto, Canada, May 31st, 2017.
9. **Scime NV**,* Gavarkovs AG, & Burke SM. The 5Ws of elementary school students' physical education preferences. Child Health Symposium. London, Canada, May 26, 2016.
10. **Scime NV*** & Burke SM. Breastfeeding supports and resources for mothers of preterm infants in Canadian neonatal intensive care units: Mothers' perspectives. 14th Annual Crossroads Interdisciplinary Health Research Conference. Halifax, Canada, March 11-12, 2016. *Awarded Runner Up Best Oral Presentation in Room 4*
11. **Scime NV*** & Burke SM. Breastfeeding support for mothers of preterm infants in Canadian neonatal intensive care units: An environmental scan and survey. Health and Rehabilitation Sciences Graduate Research Conference. London, Canada, February 3, 2016. *Awarded Best Oral Presentation in "Contemplate" Category*

Poster Presentations

1. **Scime NV**,* Metcalfe A, Nettel-Aguirre A, Tough SC, & Chaput KH. Association of prenatal medical risk with breastfeeding duration in a community-based birth cohort. Canadian National Perinatal Research Meeting. Banff, Canada, February 12-15, 2020.
2. Singh J,* **Scime N**, Stephenson N, Walsh J, Tough S, & McDonald S. Family perspectives of the economic downturn: A qualitative study of the All Our Families research cohort in Alberta, Canada. Alberta Children's Hospital Research Institute Summer Student Research Day. Calgary, Canada, August 23, 2019.
3. **Scime NV**,* Chaput KH, Faris P, Quan H, Tough SC, & Metcalfe A. Pregnancy complications and risk of preterm birth according to maternal age: a population-based study of delivery hospitalizations in Alberta. Canadian Student Health Research Forum. Winnipeg, Canada, June 11-14, 2019. *Nominated by department to attend based on being among the top 5% of doctoral students; CIHR National Poster Competition - Awarded an Honourable Mention.*
4. **Scime NV**,* Chaput KH, Tough SC, & Patten SB. Maternal chronic disease and suboptimal breastfeeding: findings from the 2015/2016 Canadian Community Health Survey. Canadian National Perinatal Research Meeting. Mont Tremblant, Canada, February 14-17, 2019.
5. Thorpe C,* Brown JB, Mowat S, Hameed S, **Scime NV**, & Green M. Strategies for Engaging Family Physicians in Primary Health Care System Change. 46th North American Primary Care Research Group (NAPCRG) Annual Meeting. Chicago, United States, November 9-13, 2018.
6. **Scime NV**,* Gavarkovs AG, & Chaput KH. The effects of skin-to-skin care on postpartum depression among mothers of preterm or low birth weight infants: A systematic review. 31th Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research (SPER) & Society for Epidemiologic Research 51st Annual Meeting (SER). Baltimore, United States, June 18-19, 2018 (SPER) & June 19-22, 2018 (SER).
7. **Scime NV**,* Metcalfe A, Nettel-Aguirre A, Tough SC, & Chaput KH. Breastfeeding and medically high-risk pregnancy: A mixed methods approach to examining feeding intentions, experiences, support, and outcomes. 3rd Annual Alberta Support for Patient-Oriented Research Unit Summer Institute 2018: Keys To Collaboration. Calgary, Canada, May 14-16, 2018.
8. **Scime NV**,* Chaput KH, Faris P, Quan H, Tough SC, & Metcalfe A. The contribution of pregnancy complications to preterm live births according to maternal age: a population-based study of delivery

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hospitalizations in Alberta. Department of Obstetrics & Gynaecology Dr. John Jarrell Research Day. Calgary, Canada, May 11, 2018.

9. **Scime NV**, Gavarkovs AG, & Chaput KH.* The effects of skin-to-skin care on postpartum depression among mothers of preterm or low birth weight infants: A systematic review and meta-analysis. Canadian National Perinatal Research Meeting. Banff, Canada, February 14-17, 2018.
10. **Scime NV**,* Swansburg RM, Kromm SK, Chaput K, Metcalfe A, & Leitch D. Prenatal risk assessment across Canada: What factors are being considered? Canadian National Perinatal Research Meeting. Banff, Canada, February 14-17, 2018.
11. **Scime NV**,* Swansburg RM, Kromm SK, Chaput K, & Leitch D. The landscape of prenatal risk assessment across Canada: What factors are being considered? 5th Annual Campus Alberta Student Conference on Health 2017. Edmonton, Canada, September 15-16, 2017.
12. Brown JB,* Thorpe C, **Scime NV**, & Green M. Patients experiences with Ontario Health Links. Trillium 2017: Primary Health Care Research Day. Toronto, Canada, May 31st, 2017.
13. Flood SM,* Tomasone JR, Ma JK, **Scime NV**, Burke SM, Sleeth L, Marrocco S, & Wolfe DL. Use of behaviour change techniques for physical activity self-management among persons with spinal cord injury: a systematic review. Eastern Canada Sport & Exercise Psychology Symposium. Kingston, Canada, March 24-25, 2017.
14. **Scime NV*** & Burke SM. Breastfeeding support in Canadian neonatal intensive care units. Canadian National Perinatal Research Meeting. Montebello, Canada, February 14-17, 2017.
15. **Scime NV*** & Burke SM. Breastfeeding support for mothers of preterm infants in Canadian neonatal intensive care units: An environmental scan. 6th Canadian Association of Perinatal and Women's Health Nurses (CAPWHN) National Conference. Calgary, Canada, October 21-23, 2016.
16. Tomasone JR,* Sleeth L, Marrocco S, **Scime NV**, Ma JK, Burke SM, & Wolfe D. Use and effectiveness of behaviour change techniques for physical activity self-management among persons with spinal cord injury: a systematic review protocol. Praxis 2016. Vancouver, Canada, April 25-27, 2016.
17. **Scime NV*** & Burke SM. Breastfeeding support for mothers of preterm infants in Canadian neonatal intensive care units: An environmental scan. Faculty of Health Sciences Research Day. London, Canada, March 22, 2016.
18. **Scime N**,* Bartlett D, Brunton L, & Palisano R. Parents' experiences and perceptions when classifying their children with cerebral palsy: Advice for service providers. Ontario Association of Children's Rehabilitation Services Conference (OACRS) 2015 Conference. Toronto, Canada, November 1-3, 2015.
19. **Scime N**,* Bartlett D, Brunton L, & Palisano R. Parents' experiences and perceptions when classifying their children with cerebral palsy: Advice for service providers. Poster Presentation Child Health Symposium. London, Canada, May 22, 2015.
20. **Scime N**,* Bartlett D, Brunton L, & Palisano R. Parents' experiences and perceptions when classifying their children with cerebral palsy: Advice for service providers [Work in Progress]. Faculty of Health Sciences Research Day. London, Canada, March 25, 2015.
21. **Scime N**,* Bartlett D, Brunton L, & Palisano R. Parents' experiences and perceptions when classifying their children with cerebral palsy: Advice for service providers [Work in Progress]. Western Student Research Conference. London, Canada, March 21, 2015.

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PRESENTATIONS & TALKS

Invited Talks

- 2020 “Perinatal Epidemiology Debate—[Against the Motion](#): Labour induction at 39 weeks' gestation reduces adverse perinatal outcomes among low risk nulliparous women”
Canadian National Perinatal Research Meeting 2020, Banff, Canada
- 2020 “Evaluating implementation of Alberta FiCare[®]™ in Level II NICUs using the Consolidated Framework for Implementation Research”
FiCare National Symposium 2020, Calgary, Canada
- 2018 “Translating evidence into practice: targeting modifiable risk factors during prenatal care in Alberta”
Maternal & Newborn Conference 2018, Calgary, Canada

Community Talks

- 2018 “Minor changes, major impact: translating evidence into practice to improve maternal and newborn outcomes”
A copy of this presentation, titled “[The Changing Alberta Prenatal Record: Identification of Modifiable Risk Factors to Improve Outcomes](#)”, was recorded using voiceover slides and posted on the MNCY website for public viewing
Maternal Newborn Child & Youth Strategic Clinical Network Core Team Meeting, Edmonton, Canada
- 2016 “Parents’ experiences using the GMFCS, MACS, and CFCS to classify their children with cerebral palsy”
Thames Valley Children’s Centre, London, Canada

Campus Talks

- 2019 “Unmeasured confounding in observational research: theory and application of the e-value”
All Our Families Journal Club, University of Calgary, Calgary, Canada
- 2019 “Maternal age and fetal growth: Bringing together population-based epidemiology and biological mechanism perspectives”
Maternal Health Journal Club, University of Calgary, Calgary, Canada
- 2017 Presentation Skills Panelist
Health and Rehabilitation Sciences Graduate Research Conference, Western University, London, Canada
- 2016 “Transitioning from Student to Researcher”
Burke Lab Meeting, Western University, London, Canada
- 2016 GradsHelpingU Panelist
Health Studies Students’ Association, Western University, London, Canada
- 2015 Career Convos and Cookies Panelist
Health Studies Students’ Association, Western University, London, Canada

KNOWLEDGE TRANSLATION MATERIALS

Scime N. (2020). First 100 MaCI Moms. [Infographic poster](#) [shared via social media and sent to participants and stakeholders]

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Scime N & Burke S. (2018). We asked health professionals from twenty nine Level 3 neonatal intensive care units across Canada: “What resources do you have to support mothers with breastfeeding? [Infographic poster](#) [shared via social media and sent to participants and stakeholders].

Scime, N.V., Bartlett D.J., Brunton, L.K., & Palisano R.J. (2016). Parents' experiences of classifying their children with cerebral palsy & recommendations for family-centered care. *Thames Valley Children's Centre Facts To Go*; 12(4).

PODCASTS & INTERVIEWS

- 2016 Graduate Student Column (Online Interview), “The Apple” (Students’ Association Magazine) https://issuu.com/hssawestern/docs/hssa_april_2016/8
- 2016 Gradcast #54: Helping Moms with Natalie Scime (Broadcast Interview), “Gradcast Radio” (Students’ Association Podcast) <http://www.podbean.com/media/share/pb-f8hch-5d57cc/download>

PROFESSIONAL MEMBERSHIPS

- 2018–Present Society for Epidemiologic Research (SER)
- 2018–Present Society for Pediatric and Perinatal Epidemiologic Research (SPER)
- 2017–Present International Society for Research in Human Milk and Lactation (ISRHML)
ISRHML Trainee Interest Group (2017–Present)
ISRHML Social Media Committee (2018–2021)
- 2016–Present Canadian Developmental Origins of Health and Disease Society (DOHaD)
- 2015–2020 Canadian Obesity Network (CON-SNP)
- 2017–2019 Maternal Newborn Child & Youth Strategic Clinical Network (MNCY SCN)
- 2015–2018 Canadian Knowledge Transfer and Exchange Community of Practice (KTECOP)
- 2015–2019 Ontario Maternal Newborn and Child Health Promotion Network (MNCHP)

TEACHING EXPERIENCE

- 2019/20 Teaching Assistant Advanced Epidemiology (15 graduate students), Prairie Regional Research Data Centre, University of Calgary
- 2020 Teaching Assistant Biostatistics III (10 graduate students), University of Calgary
- 2017 Guest Lecturer “Breastfeeding and Infant Nutrition”, Personal Determinants of Health (~200 undergraduate students), Western University
- 2016 Guest Lecturer “Knowledge Dissemination”, Knowledge Translation in Health (~40 undergraduate students), Western University

MENTORSHIP & SUPERVISION

Undergraduate

- Summer 2021 Co-Supervisor Paulina Hart, BSc Student, Summer student at University of Calgary
Project: Third trimester cytokine profiles associated with gestational diabetes and hypertensive disorders of pregnancy

Natalie V. Scime

Summer 2021	Mentor	Fatima Shah, BSc Student, Summer Student at the University of Calgary Project: A mixed methods exploration of the circular sexual response cycle in women with pelvic organ prolapse
Summer 2021	Mentor	Shannon Cummings, BSc Student, Summer student at University of Calgary Project: Polarity and diversity in gender expression: A novel measurement for sex and gender-based analysis conducted in clinical research with cisgender female participants
2019–2021	Co-Supervisor	Joyce Singh, BHSc Student, University of Calgary 4 th Year Honours Thesis: Exploring the association between Cesarean delivery and breastfeeding difficulties in a prospective birth cohort: The Happy Baby Study 3 rd Year Research Practicum: Assessing sociodemographic characteristics and modes of cannabis consumption among pregnant Albertans in the Cannabis Use in Pregnancy Study 2 nd Year Summer Studentship: Family perspectives of the economic downturn: A qualitative study of the All Our Families research cohort in Alberta, Canada
2019–2020	Mentor	Cristina Santamaria-Plaza, BHSc Student, University of Calgary
2019–2020	Mentor	Isabella Alatorre, 3 rd Year BHSc Student, University of Calgary
2018–2019	Mentor	Lauren Conn, 2 nd Year BHSc Student, University of Calgary
2017–2018	Mentor	Claire Donnici, 2 nd Year BHSc Student, University of Calgary

ACADEMIC SERVICE

Journal Manuscript Review & Editorial Activities

- Pediatrics (IF= 7.124)
- Journal of Psychosomatic Research (IF=2.860)
- Public Health Nutrition (IF=3.182)
- Journal of Obstetric, Gynecologic, & Neonatal Nursing (IF=1.250)
- Health Science Inquiry (graduate student journal), Senior Editor from 2015-2019
- Western Undergraduate Research Journal (undergraduate student journal)

Grant/Scholarship Review

2017–Present	Graduate Students' Association Awards Committee, Bursary Fall 2019, Graduate Citizenship Award Fall 2019, Excellence Award 2018, Alberta Graduate Citizenship Award Fall 2017
2019–2020	Graduate Science Education Peer Mentorship Program
2020	Alberta Children's Hospital Research Institute: Allied Health Grants (mentored review)
2018–2019	Vice Chair, Graduate Students' Association Awards Committee

Conference Involvement & Event Planning

2019	Abstract Reviewer, Society for Epidemiologic Research Annual Meeting
2018	Abstract Reviewer, Campus Alberta Conference on Student Health
2018	Healthy Outcomes Session (Topic: Preeclampsia) Co-Facilitator, Alberta Children's Hospital Research Institute Symposium (Calgary, Canada)

Natalie V. Scime

- 2018 Event Planner & Screening Host, The Graduate College [Documentary & Discussion Series Featuring Milk](#) (Calgary, Canada)
- 2018; 2017 Abstract Reviewer, Western Student Research Conference, Western University
- 2017 Volunteer, 2017 Owerko Centre Conference, University of Calgary (Calgary, Canada)
- 2016–2017; 2015–2016 Planning Committee Member & Abstract Subcommittee Co-Lead, Health and Rehabilitation Sciences Graduate Research Conference, Western University (London, Canada)
- 2016 Oral Session Facilitator, Child Health Symposium, Western University (London, Canada)

COMMITTEE AND WORKING GROUP MEMBERSHIPS

- 2017–2020 Antenatal Pregnancy Pathway Working Group, Maternal Newborn Child & Youth Health Strategic Clinical Network, Alberta Health Services
- 2017–2019 External Affairs Committee, Graduate College, University of Calgary
- 2019 Search and Selection Committee for Assistant Professor in Health Services Research Head/Neck Oncology, Department of Community Health Sciences, University of Calgary
- 2018–2019 Graduate Student's Association Senior Leadership Team, University of Calgary
- 2016–2017 Health & Rehabilitation Sciences Department Representative, Society of Graduate Students, Western University
- 2016–2017 Graduate Student Representative, School of Health Studies Faculty Council, Western University
- 2016–2017 Vice President of Internal Communications, Health & Rehabilitation Sciences Graduate Student Society, Western University
- 2015–2017 Equity Subcommittee Member, Society of Graduate Students, Western University
- 2015–2016 Public Health Consultant Working Group, Southwestern Ontario Maternal Newborn Child Youth Network
- 2014–2015 Vice President of Administration, Health Studies Students Association, Western University

TRAINING & CONTINUING EDUCATION

Graduate Coursework

- Advanced Epidemiology
- Regression Analysis
- Longitudinal and Time to Event Modelling
- Data Management
- Administrative Data Analysis Methodology

Continuing Education Courses & Workshops

- Propensity Score Analysis
- Introductory Computer Science
- Sex and Gender in Primary Data Collection
- Strategies for Patient-Oriented Research
- University Teaching & Learning
- REDCap
- Grant Writing
- Knowledge Translation
- Project Management