

THE UNIVERSITY OF BRITISH COLUMBIA
Curriculum Vitae for Faculty Members

1. **SURNAME:** JUNG **FIRST NAME:** MARY
MIDDLE NAME(S): ELIZABETH
2. **DEPARTMENT/SCHOOL:** School of Health and Exercise Sciences
3. **FACULTY:** Faculty of Health and Social Development
4. **PRESENT RANK:** Professor **SINCE:** July 2024

Research Program: My research program is focused on developing and optimizing lifestyle interventions for improving health and preventing chronic disease. I design, implement, and test the long-term sustainability of diet and exercise interventions tailored for community settings, with an emphasis on ensuring equity, diversity, and inclusion in all facets of my work. I am deeply committed to advancing equitable, evidence-based approaches to chronic disease prevention.

Graduate Student & Research Supervision

Current - 2 MSc, 4 PhD, 1 PDF, 5 full-time staff (Project Manager, 4 Research Coordinators, Data Manager, Administrative Coordinator)

Graduated – 8 Undergraduate Summer Research Internships, 5 Honours students, 15 MSc, 4 PhD, 6 PDF

Select Research Funding

Since beginning my faculty position in 2010, I have secured over \$10 million (CAD) in competitive funding as Nominated Principal Investigator (NPI) in behavioural sciences. Select *relevant* research funding in past 3 years:

Granting Agency	Subject	\$ Per Year	Year	Principal Investigator
Public Health Agency of Canada	<i>Small Steps for Big Changes: Implementing an Evidence-Based Diabetes Prevention Program into Diverse Urban Communities</i>	\$500,000 (CAD)	2023-2028	NPI: Jung, M
Canadian Institutes of Health Research	<i>Scaling A Diabetes Prevention Program Across Canada: Small Steps for Big Changes</i>	\$600,000 (CAD)	2023-2029	NPI: Jung, M
National Health and Medical Research Council (Australia)	<i>Adaptation, Implementation, and Sustainability of a Diabetes Prevention Program from Canada to Australian Context: Small Steps for Big Changes</i>	\$300,000 (AUS)	2023-2028	Co-NPI: Jung, M, Healy, G.
Canadian Cancer Society & Canadian Institutes of Health Research Action Grants	<i>RESToRE – Risk Evaluation and Screening to Tailor prevention and Reduce the incidence of Endometrial cancer</i>	\$100,000 (CAD)	2022-2024	NPI: Talhouk, A Co-I: Jung, M
Canadian Cancer Society & Canadian Institutes of Health Research Action Grants	<i>Exercise snacks as a novel strategy in primary cancer prevention</i>	\$100,000 (CAD)	2022-2024	NPI: Little, J Co-I: Jung, M

Publications (138 career peer-reviewed publications, *Google Scholar Profile*:

<https://scholar.google.ca/citations?user=na2kR5sAAAAJ&hl=en>). *Select, relevant publications from last 2 years.*

Locke, S. R., Sessford, J. D., **Jung, M. E.** (August 8, 2025). Validation of the exercise-related cognitive errors questionnaire short form. *Health Psychology Open*. DOI: 10.1177/20551029251369584/

Dineen, T., Bean, C., Bohlouli, A., Percival, S., Vis-Dunbar, M., **Jung, M. E.** (2025). Implementation of diabetes prevention programs into real-world settings: A systematic search and review. *Impl. Science Commun.*

Locke, S. R., Marini, M., **Jung, M. E.** (March 26, 2025) Examining the utility of exercise-related cognitive errors in predicting physical activity across 12-week fitness programs. *International Journal of Sport and Exercise Psychology*. doi: <https://doi.org/10.1080/1612197X.2025.2482761>

Johnston, C., MacPherson, M., **Jung, M.E.** (published Jan 10, 2025). Are diabetes prevention programs reaching those most at risk? A scoping review. *Canadian Journal of Diabetes*.doi: <https://doi.org/10.1016/j.jcjd.2024.11.006>

Cranston, K., Grieve, N., **Jung, M. E.** (Dec. 2nd, 2024). Exploring perspectives of type 2 diabetes prevention program coaches and training delivery staff on coach e-learning training: A qualitative study". *BMC Medical Education*. DOI: 10.1186/s12909-024-06437-4 <https://rdcu.be/d35Zi>

Bishop, D., Beck, B, Biddle, S., Ferri, A., Gibala, M., Headley, S., Jones, A., **Jung, M.**, Keri, D., Lee, M., Moholt, T., Newton, R., Nimphius, S., Pescatello, L., Saner, N., Tzar, C. Physical activity and exercise intensity terminology: a joint American College of Sports Medicine (ACSM) expert statement and Exercise and Sport Science Australia (ESSA) consensus statement. *Journal of Science and Medicine in Sport*. DOI: <https://doi.org/10.1016/j.jsams.2024.11.004>

Grieve, N., Braaten, K., Lui, S., MacPherson, M., **Jung, M. E.** Usability testing of a smartphone application designed for individuals with prediabetes: Involving end-users in development. *JMIR Formative Research*. JMIR Preprints. 10/04/2024:59386 DOI: [10.2196/preprints.59386](https://doi.org/10.2196/preprints.59386)

Craven, S., Sim, J., Cranston, K., **Jung, M. E.** "People need to know; we're part of the community. We're here.": A mixed-methods study examining experiences on sharing demographic information for a community-based diabetes prevention program". (accepted Oct. 25, 24). *Community Health Equity Research and Policy*. DOI: <https://doi.org/10.1177/2752535X241306555>

Jung, M. E., Santos, A., Martin Ginis, K. A. (Sept. 19, 2024). "But will they do it?" Challenging Assumptions and Incivility in the Academic Discourse on High Intensity Interval Training. *Applied Physiology, Nutrition, and Metabolism*. DOI: <https://cdnsiencepub.com/doi/full/10.1139/apnm-2024-0200>.

Sim, J., Jung, M. E., Eikenaar, J. H., Chooniedass, R. (accepted July 26, 2024). Development of an equity, diversity, and inclusion curriculum initiative for undergraduate STEM students. *Journal of Teaching and Learning*, 18(2), Article 2. <https://doi.org/10.22329/jtl.v18i2.8284>

MacPherson, M., Johnston, C., Cranston, K., Der, S., Sim, J., Jung, M.E. (June 2024). Identification of Intervention Characteristics within Diabetes Prevention Programs using the TIDieR: a Scoping Review. *Canadian Journal of Diabetes*. Doi: [10.1016/j.jcjd.2024.02.004](https://doi.org/10.1016/j.jcjd.2024.02.004)

Cranston, K.D., Grieve, N., Dineen, T.E., & **Jung, M.E.** (Jan. 30, 2024). Designing and Developing Online Training for Diabetes Prevention Program Coaches Using an Integrated Knowledge Translation Approach: Development and Usability Study. *JMIR Form Res* 2024;8:e50942. doi: [10.2196/50942](https://doi.org/10.2196/50942) PMID: [38277214](https://pubmed.ncbi.nlm.nih.gov/38277214/)

MacPherson, M. M., Grieve, N. J., Gala, B., Braaten, K., **Jung, M. E.** (Dec. 11, 2023) Development of a SSBC Diabetes Prevention App: Application of the Development Phase of FASTER. *Journal of Technology in Behavioral Sciences*. DOI [10.1007/s41347-023-00373-8](https://doi.org/10.1007/s41347-023-00373-8)

Santos, S., Braaten, K., MacPherson, M., Vasconcellos, D., Vis-Dunbar, M., Lonsdale, C., Lubans, D., **Jung, M. E.** (2023). Rates of Compliance and Adherence to High-Intensity Interval Training: A Systematic Review and Meta-Analyses. *International Journal of Behavioural Nutrition and Physical Activity* <https://doi.org/10.1186/s12966-023-01535-w>