

Other PHAC publications

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Researchers from the Public Health Agency of Canada also contribute to work published in other journals and books. Look for the following articles published in 2024:

Apelian H, Aho J, Wong E, Cox J. The impact of the COVID-19 pandemic on social determinants of health, mental health, and substance use among key populations affected by sexually transmitted and blood-borne infections in Canada. *Can J Public Health.* 2024;115(3):432-42. <https://doi.org/10.17269/s41997-024-00888-4>

Batesole J, Tomkinson GR, Erickson KI, Jurivich D, **Lang JJ**, McGrath BM, et al. Weakness thresholds are differentially linked to cognitive function by obesity status in older Americans. *J Alzheimers Dis Rep.* 2024;8(1):601-8. <https://doi.org/10.3233/ADR-230190>

Bitarafan S, Zhu F, Mirza A, Bernstein CN, **Van Domselaar G**, Marrie RA, et al. Assessment of dietary intake and its inflammatory potential in persons with pediatric-onset multiple sclerosis. *Mult Scler Relat Disord.* 2024;86:105599. <https://doi.org/10.1016/j.msard.2024.105599>

Brazo-Sayavera J, Silva DR, **Lang JJ**, Tomkinson GR, Agostinis-Sobrinho C, Andersen LB, et al. Physical fitness surveillance and monitoring systems inventory for children and adolescents: a scoping review with a global perspective. *Sports Med.* Forthcoming 2024. <https://doi.org/10.1007/s40279-024-02038-9>

Brenner DR, Gillis J, **Demers AA**, Ellison LF, Billette JM, Zhang SX, et al.; Canadian Cancer Statistics Advisory Committee. Projected estimates of cancer in Canada in 2024. *CMAJ.* 2024;196(18):E615-23. <https://doi.org/10.1503/cmaj.240095>

Carter ED, Stewart DE, **Rees EE**, Bezuidenhout JE, **Ng V**, Lynes S, et al. Surveillance system integration: reporting the results of a global multicountry survey. *Public Health.* 2024;231:31-8. <https://doi.org/10.1016/j.puhe.2024.03.004>

Chaput JP, Tomfohr-Madsen L, Carney CE, Robillard R, Sampasa-Kanyinga H, **Lang JJ**. Examining sleep characteristics in Canada through a diversity and equity lens. *Sleep Health.* 2024;10(3):316-20. <https://doi.org/10.1016/j.sleh.2024.02.001>

De Rubeis V, Griffith LE, Duncan L, **Jiang Y**, **de Groh M**, Anderson LN. Self-reported chronic conditions and COVID-19 public health measures among Canadian adults: an analysis of the Canadian Longitudinal Study on Aging. *Public Health.* 2024;231:99-107. <https://doi.org/10.1016/j.puhe.2024.03.015>

Garritty C, Nussbaumer-Streit B, Hamel C, Devane D. Rapid reviews methods series: assessing the appropriateness of conducting a rapid review. *BMJ Evid Based Med.* Forthcoming 2024. <https://doi.org/10.1136/bmjebm-2023-112722>

Gholi Zadeh Kharrat F, Gagne C, Lesage A, **Gariépy G**, Pelletier JF, Brousseau-Paradis C, et al. Explainable artificial intelligence models for predicting risk of suicide using health administrative data in Quebec. *PLoS One.* 2024;19(4):e0301117. <https://doi.org/10.1371/journal.pone.0301117>

Lang JJ, **Prince SA**, Merucci K, Cadenas-Sanchez C, Chaput JP, Fraser BJ, et al. Cardiorespiratory fitness is a strong and consistent predictor of morbidity and mortality among adults: an overview of meta-analyses representing over 20.9 million observations from 199 unique cohort studies. *Br J Sports Med.* 2024;58(10):556-66. <https://doi.org/10.1097/PHH.0000000000001884>

Liu L, **Pollock NJ**, **Contreras G**, **Xu Y**, **Thompson W**. Hospitalizations and emergency department visits for self-harm in Canada during the first two years of the COVID-19 pandemic: a time series analysis. *J Affect Disord.* 2024;355:505-12. <https://doi.org/10.1016/j.jad.2024.03.123>

MacNeil A, Cottagiri SA, Villeneuve PJ, **Jiang Y**, **de Groh M**, Fuller-Thomson E. Incident functional limitations among older adults with diabetes during the COVID-19 pandemic: an analysis of prospective data from the Canadian Longitudinal Study on Aging. *Can J Diabetes.* 2024:S1499-2671(24)00057-1. <https://doi.org/10.1016/j.cjcd.2024.02.005>

Nelson CRM, Dzakpasu S, Moore AM, Darling EK, Edwards W, Murphy P, et al. Diabetes mellitus in pregnancy across Canada. *BMC Pregnancy Childbirth*. 2024;24(1):349. <https://doi.org/10.1186/s12884-024-06534-8>

Pillay J, Rahman S, Klarenbach S, Reynolds DL, **Tessier LA**, Thériault G, [...] **Garritty C, Traversy G**, et al. Screening for lung cancer with computed tomography: protocol for systematic reviews for the Canadian Task Force on Preventive Health Care. *Syst Rev*. 2024;13(1):88. <https://doi.org/10.1186/s13643-024-02506-3>

Ricci C, Subburaj D, Lim K, **Shukla N, Kaur J, Xie L, Laverty M, Zakaria D**, et al. Second malignant neoplasms within 5 years from first primary diagnosis in pediatric oncology patients in Canada: a population-based retrospective cohort study. *Front Oncol*. 2024;14:1376652. <https://doi.org/10.3389/fonc.2024.1376652>

Scott MM, Ménard A, Sun AH, Murmann M, Ramzy A, Rasaputra P, et al. Building evidence to advance health equity: a systematic review on care-related outcomes for older, minoritised populations in long-term care homes. *Age Ageing*. 2024;53(4):afae059. <https://doi.org/10.1093/ageing/afae059>

Shephard R, Uy J, Otterman V, Betker C, Sandhu HS, Tjaden L, [...] **Payne E, Fang L**. The Core Competencies for Public Health in Canada: opportunities and recommendations for modernization. *J Public Health Manag Pract*. 2024;30(3):432-41. <https://doi.org/10.1097/PHH.0000000000001884>

Vanhelst J, **Lang JJ**, Matelot D, Carré F, Mercier D, Ulmer Z, et al. Cardiorespiratory fitness has declined among French children since 1999, although the decline appears to be getting smaller. *Scand J Med Sci Sports*. 2024;34(5):e14641. <https://doi.org/10.1111/sms.14641>

Weiler HA, Rana H, McCrea J, Loukine L, Bonvalot Y, Nguyen L, [...] **Vercammen K, Luo W, Nicholson C**, et al. Adherence to vitamin D supplementation recommendations for breastfed infants and young children: an analysis of Canadian Community Health Survey data cycles from 2015 to 2018. *J Nutr*. 2024;154(5):1665-75. <https://doi.org/10.1016/j.tjnut.2024.03.016>

Zahan R, Osgood ND, **Plouffe R, Orpana H**. A dynamic model of opioid overdose deaths in Canada during the co-occurring opioid overdose crisis and COVID-19 pandemic. *Int J Environ Res Public Health*. 2024;21(4):442. <https://doi.org/10.3390/ijerph21040442>