

## **Dr. Melanie Keats Selected Publications**

**Keats, M.R.**, Yu, X., Magee, M.S., Forbes, C.C., Grandy, S.A., Sweeney, E., & Dummer, T. (2023). Use of wearable activity monitoring technologies to promote physical activity in cancer survivors: Challenges and opportunities for improved cancer care. *International Journal of Environmental Research and Public Health*.

Wagoner, C.W., Dreger, J., **Keats, M.R.**, Santa Mina, D., McNeely, M.L., Cuthbert, C., Capozzi, L.C., Francis, G.J., Trinh, L., Sibley, D., Langley, J., Ester, M., Foucaut, A-M., The EXCEL Project Team, & Culos-Reed, S.N. (accepted). First year implementation of EXercise for Cancer to Enhance Living well (EXCEL) study: Building Networks to support rural and remote community access to exercise oncology resources. *International Journal of Environmental Research and Public Health*.

Culos-Reed, S.N., Wagoner, C.W., Dreger, J., McNeely, M.L., **Keats, M.R.**, Santa Mina, E., Cuthbert, C., Capozzi, L.C., Francis, G.J., Ester, M., McLaughlin, E. Eisele, M., Sibley, D., Langley, J., Chiekwe, J., Christensen, T. (2022). Implementing an exercise oncology model to reach rural and remote individuals living with and beyond cancer: A hybrid effectiveness-implementation protocol for Project EXCEL (EXercise for Cancer to Enhance Living Well). *BMJ Open*. doi: 10.1136/bmjopen-2022-063953

Kendall, S.J., Langley, J., Aghdam, M., Crooks, B., Giacomantonio, N., Heinze-Milne, S., Johnston, W., **Keats, M.R.**, Mulvagh, S., & Grandy, S.A. (2022). The impact of exercise on cardiotoxicity in pediatric and adolescent cancer survivors: A scoping review. *Current Oncology*, 29(9), 6350-6363. doi:10.3390/curroncol29090500

**Keats, M.R.**, Grandy, S.A., Blanchard, C., Fowles, J.R., Neyedli, H.F., Weeks, A.C., & MacNeil, M.V. (2022). The impact of Resistance Exercise on muscle mass in glioblastoma in survivors (RESIST): Protocol for a randomized controlled trial. *JMIR Research Protocols*, 11(5), e37709.

Varghese, S.S., Johnston, W.J., Eekhoudt, C.R., **Keats, M.R.**, Jassal, D.S., & Grandy, S.A. (2021). Exercise to reduce anthracycline-mediated cardiovascular complications in breast cancer survivors. *Current Oncology*, 28(5), 4139-4156.

Orzel, B., **Keats, M.R.**, Cui, Y., & Grandy, S. (2021). Regional comparisons of associations between physical activity levels and cardiovascular disease: The story of Atlantic Canada. *Canadian Journal of Cardiology Open*, 3(5), P631-638. <https://doi.org/10.1016/j.cjco.2021.01.007>

Heinze-Milne, S.D., **Keats, M.R.**, Giacomantonio, N., MacDonald, D., Rajda, M., Younis, T., & Grandy, S.A. (2021). EXercise to prevent AnthraCycline-based Cardio-Toxicity (EXACT): A feasibility study. *Translational Journal of the American College of Sports Medicine*, 6(3), 1-11.

**Keats, M.R.** Yunsong, C., DeClercq, V, Grandy, S.A., Sweeney, E., & Dummer, T.J.B. (2020). Associations between neighborhood walkability, physical activity, and chronic disease in Nova Scotian Adults: An Atlantic PATH cohort study. *International Journal of Environmental Research and Public Health*, 17(22), 8643.

**Keats, M.R.**, Yunsong, C., DeClercq, V., Grandy, S.A., Sweeney, E., & Dummer, T. (2020). Burden of multimorbidity and polypharmacy among cancer survivors: A population-based nested case-control study. *Supportive Care in Cancer*. <https://doi.org/10.1007/s00520-020-05529-3>.

Shea, K., Urquhart, R., & **Keats, M.R.** (2020). Physical activity and cancer care in the Atlantic Canadian Provinces: An examination of provider beliefs, practices, resources, barriers and enablers. *Journal of Cancer Education*, 35(5), 946-953. doi: 10.1007/s13187-019-01546-x

Forbes, C.C., **Keats, M.**, Rainham, D., Younis, T., & Blanchard, C. (2018). Changes in objectively measured physical activity and sedentary behaviour among breast cancer survivors undergoing treatment. *Rehabilitative Oncology*, 36(4), 198-205.

Bourdon, A., Grandy, S., & **Keats, M.R.** (2018). Aerobic exercise and cardiopulmonary fitness in childhood cancer survivors treated with a cardiotoxic agent: A meta-analysis. *Supportive Care in Cancer*, 26(7), 2113-2123.

**Keats, M.R.**, Shea, K., Parker, L., Stewart, S.A., Flanders, A., & Bernstein, A. (2018). After childhood cancer: Physician, parent/guardian, and survivor information needs and perspectives on long-term follow-up and survivorship care plans. *Journal of Cancer Education*. <https://doi.org/10.1007/s13187-018-1349-1>

Woodside, H., Culos-Reed, S.N., Grégoire, MC, Rutledge, R., & **Keats, M.R.** (2018). Yoga for young adults with non-curative cancer: A brief report. *Global Advances in Health and Medicine*, 7, 1-4.