

Publications

Peer reviewed

In review

- Kouril, D., **Furgal, C.**, Whillans, T. Trends and key elements in community-based monitoring: a systematic review of the literature with an emphasis on Arctic and Subarctic regions, *Environmental Reviews (in review)*
- Hirsch, R., **Furgal, C.**, Hackett, C., Sheldon, T., Bell, T., Angnatok, D., Winters, K., and Pamak, C. Going off to grow strong? Development of an innovative community program to enhance individual youth and community resilience in the face of change in Nain, Nunatsiavut, *Inuit Studies / Etudes Inuit (in review)*
- Martinez-Levasseur, L.M., **Furgal, C.M.**, Hammill, M.O., Burness, G. Challenges and strategies when mapping local ecological knowledge: defining the geographic limits of participants' knowledge is critical, *Ecology and Society (in review)*
- Martinez-Levasseur, L.M., **Furgal, C.M.**, Hammill, M.O., Burness, G. Towards a Better Understanding of the Effects of UV on Atlantic Walruses (*Odobenus rosmarus rosmarus*): a study combining histological data with local ecological knowledge, *PlosOne (in review)*
- Martinez-Levasseur, L.M., **Furgal, C.**, Burness, G. Walruses' (*Odobenus rosmarus*) health in a changing environment – Review, *Polar Biology (in review)*
- Durkalec, D., **Furgal, C.**, Skinner, M., and Sheldon, T. Environmental health risk management in a Canadian Inuit community: Negotiating climate change and human health influences of sea ice use, *Polar Research (in review)*
- Hackett, C., **Furgal, C.**, Sheldon, T., Karpik, S., Angnatok, D., et al. Building Indigenous youth resilience through strengthening ties with the land: Evaluation of a culturally focused intervention in one Inuit community, *International Journal of Indigenous Health (in review)*
- Ford, J.D., Stephenson, E., Consolo-Willox, A., Farahbakhsh, K., **Furgal, C.**, Harper, S., et al. Community based adaptation research in the Arctic, *WIREs Climate Change (in review)*
- Pardhan, A., **Furgal, C.**, Edge, V., Wilson, S., Reid-Smith, R., McEwen, S.A. An evaluation of the Northwest Territories communicable disease registry through notifiable gastrointestinal illness notifications: an exploratory case study of a northern, rural / remote public health surveillance system, 1991-2008, *International Journal of Circumpolar Health (in review)*

Published

- Breton-Honeyman, K., **Furgal, C.**, Hammill, M. A Systematic Review and Critique of the Contributions of Traditional Ecological Knowledge of Beluga Whales in the Marine Mammal Literature, *Arctic (accepted, in press)*
- Durkalec, A., **Furgal, C.**, Skinner, M., Sheldon, T. 2015. Climate change influences on environment as a determinant of Indigenous health: Relationships to place, sea ice, and health in an Inuit community, *Social Science and Medicine*, 136-147: 17-26.
<http://dx.doi.org/10.1016/j.socscimed.2015.04.026>
- Driedger, M.S., Maier, R., **Furgal, C.**, Jardine, C.G. 2015. Factors influencing H1N1 vaccine behavior among Manitoba Metis in Canada: a qualitative study, *BMC Public Health*
- Daley, K., Castleden, H., Jamieson, R., **Furgal, C.**, and Ell, L. 2015. Water systems, sanitation and public health risks in remote communities: Inuit resident perspectives from the

- Canadian Arctic, *Social Science and Medicine*, 135: 124-132.
<http://dx.doi.org/10.1016/j.socscimed.2015.04.017>
- Organ, J., Castleden, H., **Furgal, C.**, Sheldon, T. and C. Hart. 2014. Contemporary programs in support of traditional ways: Inuit perspectives on community freezers as a mechanism to alleviate pressures on wild food access in Nain, Nunatsiavut, *Health and Place*, 30: 251-259 (<http://dx.doi.org/10.1016/j.healthplace.2014.09.012>)
- King, U and **Furgal, C.** 2014. Is Hunting Still Healthy? Understanding the Interrelationships between Indigenous Participation in Land-Based Practices and Human-Environmental Health, *International Journal of Environmental Research and Public Health*, 11, 5751-5782; doi:10.3390/ijerph110605751
- Daley, K., Castleden, H., Jameson, R., **Furgal, C.**, Ell, L. 2014. Municipal water quantities and health in Nunavut households: an exploratory case Study in Coral Harbour, Nunavut, Canada. *International Journal of Circumpolar Health*, 73 (<http://dx.doi.org/10.3402/ijch.v73.23843>)
- Durkalec, A., **Furgal, C.**, Skinner, MW, Sheldon, T. 2014. Investigating environmental determinants of injury and trauma in the Canadian North, *International Journal of Environmental Research and Public Health*, 11: 1536-1548. doi:10.3390/ijerph110201536
- Ford, JD, Cunsolo Willox, A, Chatwood, S, **Furgal, C.**, Harper, S, Mauro, I, and T Pearce. 2014. Adapting to the effects of climate change on Inuit health, *American Journal of Public Health*, June 104 (Suppl 3): e9-e17.
- Driedger, M, Cooper, E, Jardine, C, **Furgal, C.**, Bartlett, J. 2013. Communicating risk to Aboriginal Peoples: First Nations and Metis Responses to H1N1 messages, *PLoS ONE* 8(8): e71106. doi:10.1371/journal.pone.0071106
- Jardine, C, Banfield, L, Driedger, M and **C M Furgal**. 2013. Risk communication and trust in decision maker action: a case study of the Giant Mine Remediation Plan, *International Journal of Circumpolar Health*, 72: 21184 <http://dx.doi.org/10.3402/ijch.v72i0.21184>.
- Pardhan-Ali A., Wilson J, Edge VL, **Furgal C.**, Reid-Smith R., Santos M, McEwen, SA. 2013. Community-level Risk Factors for Notifiable Gastrointestinal Illness in the Northwest Territories, Canada, 1991-2008. *BMC Public Health*, 13:63 (DOI: 10.1186/1471-2458-13-63 URL: <http://www.biomedcentral.com/1471-2458/13/63>)
- Dewailly, E and **Furgal, C.** 2012. Knowledge translation in Arctic health research, Editorial. *International Journal of Circumpolar Health* 71: 19265 - <http://dx.doi.org/10.3402/ijch.v71i0.19265>
- Owens, S, DeWals, P, Egeland, G, **Furgal, C.**, Mao, Y, Minuk, GY, Peters, PA, Simard, M and Dewailly, E. 2012. Public health in the Canadian Arctic: contributions from International Polar Year research, *Climatic Change*, DOI 10.1007/s10584-012-0569-3.
- Parlee, B and **Furgal, C.** 2012. Well-being and environmental change in the Arctic: a synthesis of selected research from Canada's International Polar Year program, *Climatic Change*. DOI 10.1007/s10584-012-0588-0.
- Friendship, K and **Furgal, C.** 2012. The Role of Indigenous Knowledge in Environmental Health Risk Management in Yukon, Canada, *International Journal of Circumpolar Health*, 71: <http://dx.doi.org/10.3402/ijch.v71i0.19003>.
- Pardhan-Ali A., Berke, O, Wilson J, Edge VL, **Furgal C.**, Reid-Smith R., Santos M, McEwen, SA. 2012. A Spatial and Temporal Analysis of Notifiable Gastrointestinal Illness in the Northwest Territories, Canada, 1991-2008. *International Journal of Health Geographics*, 11:17 <http://www.ij-healthgeographics.com/content/11/1/17>.

- Pardhan-Ali A., Wilson J, Edge VL, **Furgal C**, Reid-Smith R., Santos M, McEwen, SA. 2012. A Descriptive Analysis of Notifiable Gastrointestinal Illness in the Northwest Territories, Canada, 1991-2008. *BMJ Open* 2012;2:e000732 doi:10.1136/bmjopen-2011-000732
- Knopp, J.A., **C.M. Furgal**, J.D. Reist, J.A. Babaluk, Sachs Harbour Hunters and Trappers Committee, and Olokhaktomiut Hunters and Trappers Committee. 2012. Indigenous and Ecological Knowledge for Understanding Arctic Char Growth. In: C. Carothers, K.R. Criddle, C.P. Chambers, P.J. Cullenberg, J.A. Fall, A.H. Himes-Cornell, J.P. Johnsen, N.S. Kimball, C.R. Menzies, and E.S. Springer (eds.), *Fishing People of the North: Cultures, Economies, and Management Responding to Change*. Alaska Sea Grant, University of Alaska Fairbanks. doi:10.4027/fpncemrc.2012.14
- Furgal, C** and Laing, R. 2012. A synthesis and critical review of the Traditional Ecological Knowledge on Narwhal (*Monodon monoceros*) in the Eastern Canadian Arctic. Canadian Science Advisory Secretariat, Research Document 2011/131, National Capital Region, Fisheries and Oceans Canada. ISSN 1919-5044
- Metcalfe, C., Murray, C., Collins, L., **Furgal, C**. 2012. Water quality and human health in Indigenous communities in Canada. *Human Evolution / Global Bioethics*, 27(1-3): 81-84.
- Pearce, T., Wright, H., Notaina, R., Kudlak, A., Smit, B., Ford, JD, **Furgal, C**. 2011. Transmission of environmental knowledge and land skills among Inuit men in Ulukhaktok, Northwest Territories, Canada. *Human Ecology*, 39: 271-288.
- Boyd, A., Jardine, C., and **Furgal, C**. 2010. A social and cultural capital approach to understanding traditional activities on the land in the Northwest Territories. *Canadian Journal of Native Studies* 2 (2010): 267-287.
- Donaldson, S.G., Van Oostdam, J., Tikhonov, C., Feeley, M., Armstrong, B., Ayotte, P., Boucher, O., Bowers, W., Chan, L., Dallaire, F., Dewailly, E., Edwards, J., Egeland, G.M., Fontaine, J., **Furgal, C.**, Leech, T., Loring, E., Muckle, G., Nancarrow, T., Pereg, D., Plusquellec, P., Potyrala, M., Receveur, O., Shearer, R.G. 2010. Environmental contaminants and human health in the Canadian Arctic. *Science of the Total Environment*, 408: 5165-5234.
- Furgal, C**, Garvin, T and Jardine, C. 2010. Trends in the Study of Aboriginal Health Risks in Canada. *International Journal of Circumpolar Health*, 69:4: 322-332
- Ford, J.D., Berrang-Ford, L., King, M., and **C. Furgal**. 2010. Vulnerability of Aboriginal health systems in Canada to climate change. 2010. *Global Environmental Change*, doi:10.1016/j.gloenvcha.2010.05.003
- Gauthier, Y., Tremblay, M., Bernier, M., **Furgal, C**. 2010. Adaptation of a radar based river ice mapping technology to the Nunavik context. *Canadian Journal of Remote Sensing*. 36(S1): S168-S185.
- Jardine, C.G. and **C.M. Furgal**. 2010. Knowledge translation with northern Aboriginal communities: A case study. *Canadian Journal of Nursing Research*. 42(1): 119-127.
- Jack, S., Brooks, S., **Furgal, C.M.**, and M. Dobbins. 2010. Knowledge transfer and exchange processes for environmental health issues in Canadian Aboriginal communities. *Int. J. Environ. Res. Public Health*, 7: 651-674. doi: 10.3390/ijerph7020651
- Ford, J.D., Pearce, T., Duerden, F., **Furgal, C.**, and B. Smit. 2010. Climate change policy responses for Canada's Inuit population: The importance of and opportunities for adaptation. *Global Environmental Change*, 20: 177-191.
- Prowse, T.D., and **C. Furgal**. 2009. Climate impacts in northern Canada: Editorial, *Ambio*, 38(5): 245.