

Assistant Professor
Department of Indigenous Studies and
Department of Environmental and Resources Science / Studies
Gzowski College, Trent University
Peterborough, Ontario
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Education

2000-03 Université Laval, Ste Foy, Québec, Québec

Post-doc., Social and Preventive Medicine

Topic: Environmental health risk management, assessment and communication in Arctic
Aboriginal populations

Director: Éric Dewailly, *MD PhD*

1999 The University of Waterloo, Waterloo, Ontario

Ph.D, Planning. Faculty of Environmental Studies, School of Planning

Thesis topic: Arctic community decision making capacity; risk management and
communication

Supervisor: Robbie Keith, *PhD*

1994 The University of Waterloo, Waterloo, Ontario

M.Sc., Biology

Thesis Topic: Arctic marine mammal ecology, Aboriginal knowledge

Supervisor: Kit Kovacs, *PhD*

1992 The University of Western Ontario, London, Ontario

B.Sc., Biology (Honours-Ecology and Evolution)

Aptitudes

Qualitative, quantitative and mixed research design, methods and analysis; community based and participatory approaches to research in the environmental health sciences; cross-cultural partnership building; multidisciplinary research; environmental and aboriginal health.

Research Interests

Environmental health impact assessment (special emphasis – circumpolar Aboriginal populations); environmental health risk assessment, management, and communication; multidisciplinary approaches to research (involving qualitative and quantitative data and traditional knowledge) through the development of innovative methods and techniques for problem identification, decision making and knowledge translation (e.g. benefit – risk balancing techniques); vulnerability of Arctic Aboriginal populations to environmental change.

Teaching Interests

Circumpolar Aboriginal environmental health; environmental health risk management and communication; qualitative, quantitative and mixed methods for research; introductory ecology; human ecology; behavioural ecology; communities and environmental health decision making processes; Arctic Aboriginal issues; circumpolar environmental health policy.

Courses developed and delivered to date:

- Indigenous People, Health and the Environment (INDG/ERS 373) Fall & Winter 2007; Departments of Environmental and Resource Science/Studies and Indigenous Studies, Trent University (science and studies credit)
- Special topics in Indigenous environmental studies (INDG/ERS 363) Fall & Winter 2007-08; Fall & Winter 2006-07: Departments of Environmental and Resource Science/Studies and Indigenous Studies, Trent University
- Reading course in Indigenous knowledge and environmental science Winter 2007: Department of Geography, Trent University
- Reading course in Environmental risk perception and communication, Winter 2007, School of the Environment, University of Manitoba
- Introduction to contemporary political issues in the circumpolar North (POL 22158 A- 3rd yr course: Department of Political Science, U Laval, Winter term 2006).
- Introduction to research methods for Aboriginal students (delivered to Aboriginal college students via Nasivvik Centre, September 2004 and 2005)
- Introduction to Arctic environmental health (via Nasivvik Centre, August 2004)

Teaching assistant experience:

Ecology, Vertebrate biology, Cellular biology, Marine mammalogy field course

Employment Experience

- July 2006 – present** **Trent University**, Peterborough Ontario
Departments of Indigenous Studies and Environmental Resource Studies / Science (cross-appointment)
- *Assistant Professor*- Indigenous Environmental Studies Program
 - *Co-Director* – Nasivvik Centre for Inuit Health and Changing Environments, Université Laval
- Dec 2006 – present** **Polar Research (Journal)**
Norwegian Polar Institute, Tromso, Norway
- Subject (Associate) Editor-Human and Social Sciences
- Jan. 2003 – June 2006** **Unité de recherche en santé publique**
CHUQ-Pavillon CHUL, Public Health Research Unit, Ste Foy (Québec)
Department of Political Science, Université Laval, Québec
- *Co-Director*, Nasivvik – Centre for Inuit Health and Changing Environments, CHUL / Université Laval (www.nasivvik.ulaval.ca)

- *Senior Researcher* focusing on issues of environmental and public health risk management and communication in circumpolar Arctic and sub-Arctic Aboriginal populations (issues include climate change, contaminants, food security)
- *Professor sous-octroi/(Assistant professor)*, – Political Science Department, Université Laval (Jan 2005 – June 2006)

Dec. 1998 – present C Furgal Consulting

- *Private Consultant* conducting environmental health research for Aboriginal, government, and non-governmental agencies

**Oct. 1994 - Nov. 1998 Institute for Risk Research
University of Waterloo, Waterloo Ontario**

- *Research Associate* focusing on issues of risk management, assessment and communication related to environmental health issues and risks to socio-economic, cultural and physical health in Canadian Arctic and sub-Arctic Aboriginal communities

Winter 1995 Biologist, Consultant

- *Contract Biologist* conducting biological literature reviews for environmental consulting firms

**Sept. 1992 - Jan. 1995 Department of Fisheries and Oceans, Canada
Freshwater Institute, Winnipeg, Manitoba**

- *Research Biologist* on contract conducting studies on high Arctic marine mammal ecology
- field work conducted in remote Arctic site in co-operation with local Aboriginal organizations

Publications

Peer reviewed

Furgal, C. Dewailly, E. Experiences in Building Capacity in Inuit Health Research: The Case of the Nasivvik Centre for Inuit Health and Changing Environments. *International Journal for Circumpolar Health*. (In prep)

Hartnett, E., **Furgal, C.**, and G Paoli. Decision support tool for balancing the benefits and risks associated with country food consumption in Inuit communities. Human and Ecological Risk Assessment (*Submitted Nov 2007*)

Pratley, E., **Furgal, C.**, and Smit, B. Food Security and Environmental Change in the context of livelihood transition in the Canadian Arctic: the case of Arctic Bay, Nunavut. *Global Environmental Change* (*Submitted August 2007*).

Friendship, K and **C Furgal**. Climate change: Implications for Inuit knowledge, traditions and subsistence activities (*Submitted August 2007*)

- Bernier, S. Godin, G., and **C. Furgal**. Determinants of Traditional Inuit and Store Food Choices: A Test of Social Cognition Models in a Canadian Arctic Population. *Psychology and Health* (Submitted '07)
- Jardine, C., Boyd, A., and **C Furgal**. Gender and Place Influences on Health Risk Perceptions in Northern Canadian Aboriginal Communities Gender, Place and Culture (*in press, accepted February 2008*)
- Tremblay, M., **Furgal, C.**, Larrivée, C., Annanack, T., Tookalook, P., Qiisik, M., Angiyou, E., Swappie, N., Savard, J.P., Barrett, M. Climate change in northern Québec: Adaptation strategies from community based-research. *Arctic* (*In press 2007*)
- Martin, D., Belanger, D., Gosselin, P., Brazeau, J., **Furgal, C.**, and S. Dery. 2007. Drinking water and potential threats to human health in Nunavik: Adaptation strategies under climate change scenarios. *Arctic*, Vol 60(2): 195-202.
- Guyot, M., Dickson, C., Macguire, K., Paci, C., **Furgal, C.**, Chan, HM. 2006. Local observations of climate change and impacts on traditional food security in two northern Aboriginal communities. *International Journal of Circumpolar Health*. 65(5): 403-415.
- Furgal, C.M.**, J. Seguin. 2006. Climate Change, Health and Community Adaptive Capacity: Lessons from the Canadian North. *Environmental Health Perspectives*, Vol 114(12): 1964-1970.
- Myers, H and **Furgal, C.** 2006. Long range transport of information: are Arctic residents getting the message about contaminants? *Arctic* 59(1): 47-60.
- Kraemer, LD., Berner, J., **Furgal, C.** 2005. The potential impact of climate on human exposure to contaminants in the Arctic. *International Journal of Circumpolar Health*, 64(5): 498-509.
- Furgal, CM.** 2005. Monitoring as a community response for climate change and health. *International Journal of Circumpolar Health*, 64(5): 440-442.
- Van Oostdam , J., S.G. Donaldson , M. Feeley , D. Arnold , P. Ayotte , G. Bondy , L. Chan , E' . Dewailly , **C.M. Furgal** , H. Kuhnlein , E. Loring , G. Muckle , E. Myles , O. Receveur , B. Tracy , U. Gill , S. Kalhok. 2005. Human health implications of environmental contaminants in Arctic Canada: A review. *Science of the Total Environment* 351-352: 165-246.
- Muir DC, Shearer RG, Van OJ, Donaldson SG, **Furgal C.** 2005. Contaminants in Canadian arctic biota and implications for human health: Conclusions and knowledge gaps. *Science of the Total Environ*; 351-352:539-546
- Thériault, S., Otis, G., Duhaime, G., **Furgal, C.** 2005. The Legal Protection of Subsistence: A Prerequisite of Food Security for the Inuit of Alaska. *Alaska Law Review*. Vol XXII(1): 35-87.
- Furgal, C.M.**, Powell, S., and Myers, H. 2005. Digesting the Message about Contaminants in the Canadian North: Review and Recommendations for Future Research and Action. *Arctic*, 58(2): 103-114.
- Jardine C, Hrudey S, Shortreed J, Craig L, Krewski D, **Furgal C**, McColl S.. 2003. Risk management frameworks for human health and environmental risks. *Journal of Toxicology and Environmental Health. Part B: Critical Reviews*. Nov-Dec;6(6):569-720.
- Bernier, S., **Furgal, C.**, Godin, G., Gingras, S., Laverdiere, L., Grondin, J., and E. Dewailly. 2002. Predicting food choice behaviour in the Canadian Eastern Arctic: A tool for public health. *In*, The 10th Food Choice Conference 2002. *Appetite*, 39: 227-265.

- Furgal, C.,** Gosselin, P. 2002. Challenges and directions for environmental public health indicators and surveillance. *In, Furgal, C., and P. Gosselin (Eds.). Selected papers from the Québec City Consensus Conference on Environmental Health Indicators. Canadian Journal of Public Health, 93(1): 5-8.*
- Eyles, J., and **C. Furgal.** 2002. Indicators in environmental health: Identifying and selecting common sets. *In, Furgal, C., and P. Gosselin (Eds.). Selected papers from the Québec City Consensus Conference on Environmental Health Indicators. Canadian Journal of Public Health, 93(1): 62-67.*
- Dewailly, E., **Furgal, C.,** Knap, A., Galvin, J., Baden, D., Bowen, B., Depledge, M., Duguay, L., Fleming, L., Ford, T., Moser, F., Owen, R., Suk, W., and Unluata, U. 2002. Indicators of Ocean Health and Human Health: A Research Framework. *In, Furgal, C., and P. Gosselin (Eds.). Selected papers from the Québec City Consensus Conference on Environmental Health Indicators. Canadian Journal of Public Health, 93(1):34-38.*
- Furgal, C.** 2002. Putting Indicators to Work: A summary of roundtable presentations on the Latin American and Caribbean experience with environmental health indicators. *In, Furgal, C., and P. Gosselin (Eds.). Selected papers from the Québec City Consensus Conference on Environmental Health Indicators. Canadian Journal of Public Health, 93(1): 68-70.*
- Furgal, C.M.,** Innes, S., and K.M. Kovacs.2002. Inuit hunting and knowledge of the ringed seal, *Phoca hispida*, in Arctic Bay, Nunavut. *Polar Research. 21(1): 1-16.*
- Knap, A., Dewailly, E., **Furgal, C.,** Galvin, J., Baden, D., Bowen, B., Depledge, M., Duguay, L., Fleming, L., Ford, T., Moser, F., Owen, R., Suk, W., and Unluata, U. 2002. Indicators of Ocean Health and Human Health: A Research Framework. *Environmental Health Perspectives. 110(9): 839-845.*
- Dewailly, E., Fleming, L., **Furgal, C.,** Knap, A. 2000. Public health indicators and ocean changes. *Epidemiology. Vol 11(4): 5146.*
- Furgal, C.,** Dewailly, E., Bruneau, S., Blanchet, C., and Grey, M. 2000. Risks and benefits of traditional food consumption in the Arctic. *Epidemiology. Vol 11(4): 5145.*
- Furgal, C.M.,** Innes, S., and K.M. Kovacs. 1996. Characteristics of ringed seal, *Phoca hispida*, subnivean structures and breeding habitat and their effects on predation. *Canadian Journal of Zoology. 74: 858-874.*

Guest Editorial Activities (Special Editions of Journals)

- 2004-2005 Berner, J., and Furgal, CM (Guest Editors). 2005. Climate change and human health in the circumpolar North. *International Journal of Circumpolar Health. 64(5).*
- 2001-2002 Furgal, C., and P. Gosselin (Guest Editors.). 2002. Selected papers from the Québec City Consensus Conference on Environmental Health Indicators. *Canadian Journal of Public Health. 93(1), September/October, 2000.*

Books

- Nickels, S., **Furgal, C.,** Buell, M., Moquin, H., 2006. *Unikkaaqatigiit – Putting the Human Face on Climate Change: Perspectives from Inuit in Canada.* Ottawa: Joint publication of Inuit Tapiriit Kanatami, Nasivvik Centre for Inuit Health and Changing Environments at Université Laval and the Ajunnginiq Centre at the National Aboriginal Health Organization.

Book Chapters or Papers in Monographs

- Furgal, C** and Rochette, L. 2007. Perception of contaminants, participation in hunting and fishing activities and potential impacts of climate change, *In* (St Laurent, et al., Eds) *Qanuippitaa? How are we?*, Insitut national de santé publique du Quebec and Nunavik Regional Board of Health and Social Services, Quebec, Quebec. ISBN: 978-2-550-50744-1.
- Tremblay, M., **Furgal, C.**, Lafortune, V., Larrivée, C., Savard, J.P., Barrett, M., Annanack, T., Enish, N., Tookalook, P., and B. Etidloie. 2006. Climate change, communities and ice: Bringing together traditional and scientific knowledge for adaptation in the North, *In* R Riewe and J Oakes (Eds), *Climate Change: Linking Traditional and Scientific Knowledge*. Aboriginal Issues Press, University of Manitoba. ISBN: 0-9738342-1-8.
- Duhaime, G., Dewailly, E., Hally, P., **Furgal, C.**, Bernard, N., Blanchet, C., Myers, S., Powell, S., Bernier, S., Grondin, J. Sustainable Food Security in the Canadian Arctic. An Integrated Synthesis and proposed Action Plan. (*In press.*)
- Dewailly, E., and **Furgal, C.** 2003. POPs, the Environment and Public Health. *In*, Downey, D. and T. Fenge (Eds.) *Northern Lights Against POPs: Combatting Toxic Threats in the Arctic*. McGill – Queen’s University Press 2003. ISBN: 0-7735-2482-7.
- Dewailly, E., Ayotte, P., Rhains, M., Bruneau, S., **Furgal, C.**, Grondin, J., Levesque, B., Blanchet, C., Pereg, D. and G. Muckle. 2002. Applications of biomarkers to population studies on food chain contaminants in Nunavik (Arctic Québec, Canada). *In*, Wilson, S., and Suk., W. (Eds). *Biomarkers of Environmentally Associated Disease: Technologies, Concepts and Perspectives*. Lewis Publishers, Washington, D.C. 495-505.
- Furgal, C.**, Martin, D., Gosselin, P. 2002. Climate Change and Health in Nunavik and Labrador: Lessons from Inuit Knowledge, *In* Krupnik, I., and Jolly, D. (Eds.) "The Earth is Faster Now: Indigenous Observations of Arctic Environmental Change". Arctic Research Consortium of the United States, Arctic Studies Centre, Smithsonian Institution, Washington, D.C. Pgs 266-300.
- Nickels, S., **Furgal, C.**, Castelden, J., Moss-Davies, P., Buell, M., Armstrong, B., Dillon, D., and Fongerm R. 2002. Putting the Human Face on Climate Change Through Community Workshops, *In* Krupnik, I., and Jolly, D. (Eds.) "The Earth is Faster Now: Indigenous Observations of Arctic Environmental Change". Arctic Research Consortium of the United States, Arctic Studies Centre, Smithsonian Institution, Washington, D.C. Pgs 300-344.
- Blanchet, C., Déwailly, É., CHaumette, P., Nobmann, E.D., Bjerregaard, P., Pars, T., Lawn, J., **Furgal, C.**, and J.F.,Proulx. 2002. Diet profile of Circumpolar Inuit. in: Sustainable Food Security in the Arctic: State of Knowledge. Canadian Circumpolar Institute Press, University of Alberta. Occasional Publication Series No.52, Canada. 2002; chapter 2: 47-60.
- Furgal, C.M.** 1998. Addressing northern decision-making capacity: The case of health advisories and the Labrador Inuit. *In* Duhaime, G., Rasmussen, R.O., and Comtois, R (Eds.) *Sustainable Development in the North: Local Initiatives vs Megaprojects*. Circumpolar Social Sciences Ph.D. Network, Proceedings of the Second Conference, September 29 - October 10, 1997. Aguanish, Québec: GÉTIC, Université Laval, Québec. ISBN 2-921438-26-7.

National or International Assessment Reports (peer reviewed)

- Furgal** et al. 2008 (in press). Chapter 3 – Northern Canada, *In*, (Lemmen et al., Eds) From Impacts to Adaptation: Canada in a Changing Climate. Natural Resources Canada, Ottawa, ON, Canada. (*Synthesis report to be released Jan 2008*)
- Furgal** et al. (*In press*). Climate Change health vulnerabilities in the North, *In*, Climate Change and Health Vulnerability Assessment, Health Canada (*to be released in spring of '08*)
- Anisimov, O.A., D.G. Vaughan, T.V. Callaghan, **C. Furgal**, H. Marchant, T.D. Prowse, H. Vilhjálmsson and J.E. Walsh, 2007: Polar regions (Arctic and Antarctic). *Climate Change 2007: Impacts, Adaptation and Vulnerability. Contribution of Working Group II to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change*, M.L. Parry, O.F. Canziani, J.P. Palutikof, P.J. van der Linden and C.E. Hanson, Eds., Cambridge University Press, Cambridge, 653-685. (*IPCC – 2007 recipient of Nobel Peace Prize*)
- Confalonieri, U., B. Menne, R. Akhtar, K.L. Ebi, M. Hauengue, R.S. Kovats, B. Revich and A. Woodward, 2007: Human health. *Climate Change 2007: Impacts, Adaptation and Vulnerability. Contribution of Working Group II to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change*, M.L. Parry, O.F. Canziani, J.P. Palutikof, P.J. van der Linden and C.E. Hanson, Eds., Cambridge University Press, Cambridge, UK, 391-431. UK. (*IPCC – 2007 recipient of Nobel Peace Prize*) **C Furgal** – Contributing Author
- Berner, J., **Furgal, C.**, et al. 2005. Human Health, Chapter 15. *In*, Arctic Climate Impact Assessment (ACIA). Cambridge University Press. Cambridge, UK. Pgs 863-906. (*Peer reviewed publication*)
- Weller, G., E Bush, TV Callaghan, R Corell, S Fox, **C Furgal**, AH Hoel, H Huntington, E Källén, VM Kattsov, DR Klein, H Loeng, M Long Martello, M MacCracken, M Nuttall, TD Prowse, LO Reiersen, JD Reist, A Tanskanen, JE Walsh, B Weatherhead, FJ Wrona. 2005. Summary and Synthesis of the ACIA. Chapter 18 *In*, Arctic Climate Impact Assessment. Cambridge University Press. Cambridge, UK. Pgs 989-1020.
- Furgal, C.**, Kalhok, S., Loring, E., Smith, S. 2003. Knowledge in Action: Northern Contaminants Program Structures, Processes and Products. Canadian Arctic Contaminants Assessment Report II. Indian and Northern Affairs Canada, Ottawa, ON. ISBN: 0-662-33470-1.
- Van Oostdam, J., Donaldson, S., Feeley, M., Tremblay, M., Arnold, D., Ayotte, P., Bondy, G., Chan, L., Dewailly, E., **Furgal, C.**, Gill, U., Kalhok, S., Kuhnlein, H., Loring, E., Muckle, G., Myles, E., Receveur, O., Stokker, Y., Tracy, B. 2003. Human Health. Canadian Arctic Contaminants and Assessment Report II. Indian and Northern Affairs Canada, Ottawa, ON. ISBN: 0-662-33469-8. Minister of Public Works and Government Services Canada.

Papers in Published Government Reports

- Furgal, C.M.**, Fletcher, C., and Dickson, C. 2006. Ways of knowing and understanding: Towards convergence of traditional and scientific knowledge of climate change in the Canadian north. A paper prepared for Environment Canada, Contract No. KM467-05-6213.
- Furgal, C.**, Bruneau, S., Dery, S., Saunders, I., Kwan, M., Simard, M., White-Dupuis, S., Proulx, JF., Abraham, M., Loring, E. 2005. Providing contaminants information in the

- context of regional environmental health initiatives: Communications in Nunavik, *In* Smith, S, Stow, J., Watkins, J and Carrillo, F (Eds) Synopsis of Research Conducted under the 2004-05 Northern Contaminants Program. Minister of Indian Affairs and Northern Development, Ottawa, 2005. ISBN: 0-662-41627-9.
- Furgal, C.**, Paoli, G., and E. Hartnett. 2005. Decision support tool for risk and benefit balancing of country food issues in the Canadian Arctic, *In* Smith, S, Stow, J., Watkins, J and Carrillo, F (Eds) Synopsis of Research Conducted under the 2004-05 Northern Contaminants Program. Minister of Indian Affairs and Northern Development, Ottawa, 2005. ISBN: 0-662-41627-9.
- Loring, E., Grable, C., and **Furgal, C.** 2005. ITK General Inuit Communications Package on Contaminants, *In* Smith, S, Stow, J., Watkins, J and Carrillo, F (Eds) Synopsis of Research Conducted under the 2004-05 Northern Contaminants Program. Minister of Indian Affairs and Northern Development, Ottawa, 2005. ISBN: 0-662-41627-9.
- Loring, E., **Furgal, C.** and Grable, C. 2005. Communicating about contaminants into the future: Analysing the Inuit communications survey and the establishment of an Inuit strategic plan, *In* Smith, S, Stow, J., Watkins, J and Carrillo, F (Eds) Synopsis of Research Conducted under the 2004-05 Northern Contaminants Program. Minister of Indian Affairs and Northern Development, Ottawa, 2005. ISBN: 0-662-41627-9.
- Furgal, C.**, Bernier, S., Godin, G., and E. Dewailly. 2001. Decision-making and diet: Balancing the physical, economic, and social components (Year 2). *In*, Kalhok, S. (Ed.) Synopsis of Research Conducted under the 2001-2002 Northern Contaminants Program. Department of Indian Affairs and Northern Development, Ottawa, ON. ISBN: 0-662-30872-7.
- Dewailly, E., Blanchet, C., Gingras, S., **Furgal, C.**, and S. Bruneau. 2001. Sociodemographic factors influencing nutrition and contaminant exposure in Nunavik. *In*, Kalhok, S. (Ed.) Synopsis of Research Conducted under the 2000-2001 Northern Contaminants Program. Department of Indian Affairs and Northern Development, Canada. Ottawa, ON. ISBN: 0-662-30872-7.
- Bruneau, S., **Furgal, C.M.**, and E. Dewailly. 2001. Incorporation of scientific knowledge into Inuit knowledge in Nunavik. *In*, Kalhok, S. (Ed.) Synopsis of Research Conducted under the 2000-2001 Northern Contaminants Program. Department of Indian Affairs and Northern Development, Canada. Ottawa, ON. ISBN: 0-662-30872-7.
- Dewailly, E., **Furgal, C.**, Bernier, S., and Godin, G. 2000. Decision-making and diet: Balancing the physical, economic, and social components. *In*, Kalhok, S. (Ed.) Synopsis of Research Conducted under the 1999-2000 Northern Contaminants Program. Department of Indian Affairs and Northern Development, Ottawa, ON. ISBN: 0-662-29320-7. pp: 37-42.
- Lampe, J., Murphy, F., **Furgal, C.**, and Craig, L. 2000. Country food, nutrition and health: Developing effective communication strategies in Labrador (Year 2). *In*, Kalhok, S. (Ed.) Synopsis of Research Conducted under the 1999-2000 Northern Contaminants Program. Department of Indian Affairs and Northern Development, Ottawa, ON. ISBN: 0-662-29320-7. pp: 271-280.
- Andersen, F., Lampe, J., Murphy, F., **Furgal, C.M.** 1999. Labradorimuit perspectives on environmental health. *In*, Kalhok, S. (Ed.) Synopsis of Research Conducted under the 1998/99 Northern Contaminants Program, Northern Affairs Program, Indian and Northern Affairs Canada. Ottawa, ON. ISBN 0-662-28151-9. pp: 295-301.

Andersen, F., Lampe, J., Murphy, F., **Furgal, C.M.**, Craig, L. 1999. Country food, nutrition, and health: Developing effective communication strategies in Labrador. *In*, Kalhok, S. (Ed.) Synopsis of Research Conducted under the 1998/99 Northern Contaminants Program, Northern Affairs Program, Indian and Northern Affairs Canada. Ottawa, ON. ISBN 0-662-28151-9. pp: 291-294.

Conference Abstracts (in print)

- C Furgal** and J Seguin. Climate Change Health Impacts, Vulnerabilities and the Capacity to Respond in Canadian Northern Aboriginal Communities. Adapting to Climate Change in Canada 2005: Understanding Risks and Building Capacity. Montreal May 4-7, 2005.
- C Furgal** and J Berner. Climate Change and Human Health in the Circumpolar North. Arctic Climate Impact Assessment International Symposium. November 9-12, 2004. Reykjavik, Iceland. (*Extended abstract*)
- C Furgal**, S Nickels and M Buell. Putting the Human Face on Climate Change : results from Inuit community workshops on climate change impacts adaptation and monitoring. Arctic Climate Impact Assessment International Symposium. November 9-12, 2004. Reyjavik, Iceland. (*Extended abstract*)
- S Owens and **C Furgal**. Climate change and Labrador Inuit women's health. Arctic Climate Impact Assessment International Symposium. November 9-12, 2004. Reyjavik, Iceland. (*Extended abstract*)
- Furgal, C.**, E. Loring, Smith, S. Kalhok, S. 2003. Knowledge in Action: Overview of the CACAR II report. Canadian Arctic Contaminants Assessment Symposium Ottawa Ontario, March 4-7. (abstract)
- Furgal, C.**, C. Blanchet, E. Dewailly, G. Muckle, S. Bruneau. 2003. Relationship between risk perception of food chain contamination and country food use, contaminant exposure, and determinants of social and mental health among Nunavimmiut. Canadian Arctic Contaminants Assessment Symposium Ottawa Ontario, March 4-7. (abstract)
- Furgal, C.**, H. Myers, and S. Powell. 2003. Assessing awareness, comprehension and perception of contaminants in the Canadian North: Preliminary Results. Canadian Arctic Contaminants Assessment Symposium Ottawa Ontario, March 4-7. (abstract)
- Furgal, C.**, Pijogge, J. and E. Loring. 2003. Wild foods, benefits and risks – communicating in Labrador. Canadian Arctic Contaminants Assessment Symposium Ottawa Ontario, March 4-7 (abstract).
- Bernier, S., **C. Furgal**, G. Godin, 2003. Labrador Inuit Association, Labrador Inuit Health Commission, E Dewailly. Determinants of Food Choices in Labrador. Canadian Arctic Contaminants Assessment Symposium Ottawa Ontario, March 4-7. (abstract)
- Dewailly, E., Muckle, G., **Furgal, C.**, and P Ayotte. 2003. Regional, national and international risk management: How to deal with cohort study results. Canadian Arctic Contaminants Assessment Symposium Ottawa Ontario, March 4-7 (abstract).
- Grey, M., **Furgal, C.**, and S. Bruneau. 2003. Communicating about contaminants and health in Nunavik. Canadian Arctic Contaminants Assessment Symposium Ottawa Ontario, March 4-7 (abstract).
- Dewailly, E., Bruneau, S., **Furgal, C.**, Proulx, JF., Grey, M., Muckle, G., Ayotte, P., and C. Blanchet. 2003. Building a stronger future: risk management action through promoting char consumption among pregnant women. Canadian Arctic Contaminants Assessment Symposium Ottawa Ontario, March 4-7. (abstract).

- Furgal, C.M.**, Shortreed, J., Keith, R.F., and Craig, L. 1996. Contaminants in Country Food of the Inuit: Development of a Risk Management and Communication Strategy. Society for Risk Analysis, December 9-12, 1996. New Orleans, LO. [abstract]
- Furgal, C.M.** 1994. Factors influencing predation success on ringed seal (*Phoca hispida*) subnivean lairs and breathing holes. [abstract]. University of Waterloo Graduate Biology Colloquium. Department of Biology, University of Waterloo, Waterloo, Ontario.

Other Reports / Papers

- Communities of the Inuvialuit Settlement Region (ISR-Aklavik, Inuvik, Holman Island, Paulatuk and Tuktoyaktuk), Nickels, S., Buell, M., Furgal, C., Moquin, H. 2005. *Unikkaaqatigiit – Putting the Human Face on Climate Change: Perspectives from the Inuvialuit Settlement Region*. Ottawa: Joint publication of Inuit Tapiriit Kanatami, Nasivvik Centre for Inuit Health and Changing Environments at Université Laval and the Ajunnginiq Centre at the National Aboriginal Health Organization.
- Communities of Nunavut (Arctic Bay, Kugaaruk and Repulse Bay), Nickels, S., Furgal, C., Buell, M., Moquin, H. 2005. *Unikkaaqatigiit – Putting the Human Face on Climate Change: Perspectives from Nunavut*. Ottawa: Joint publication of Inuit Tapiriit Kanatami, Nasivvik Centre for Inuit Health and Changing Environments at Université Laval and the Ajunnginiq Centre at the National Aboriginal Health Organization.
- Communities of Nunavik (Ivujivik, Puvirnituq and Kangiqsujuaq), Furgal, C., Nickels, S., Kativik Regional Government – Environment Department. 2005. *Unikkaaqatigiit: Putting the Human Face on Climate Change: Perspectives from Nunavik*. Ottawa: Joint publication of Inuit Tapiriit Kanatami, Nasivvik Centre for Inuit Health and Changing Environments at Université Laval and the Ajunnginiq Centre at the National Aboriginal Health Organization.
- Communities of Labrador, Furgal, C., Denniston, M., Murphy, F., Martin, D., Owens, S., Nickels, S., Moss-Davies, P. 2005. *Unikkaaqatigiit – Putting the Human Face on Climate Change: Perspectives from Labrador*. Ottawa: Joint publication of Inuit Tapiriit Kanatami, Nasivvik Centre for Inuit Health and Changing Environments at Université Laval and the Ajunnginiq Centre at the National Aboriginal Health Organization.
- Community of Aklavik. Nickels, S., Furgal, C., Castleden, J., Armstrong, B., Buell M., Dillion, D., Fonger, R., Moss-Davies, P. 2005. *Unikkaaqatigiit – Putting the Human Face on Climate Change – Perspectives from Aklavik, Inuvialuit Settlement Region*. Ottawa: Joint publication of Inuit Tapiriit Kanatami, Nasivvik Centre for Inuit Health and Changing Environments at Université Laval and the Ajunnginiq Centre at the National Aboriginal Health Organization.
- Community of Arctic Bay, Nickels, S., Furgal, C., Akumilik, J., Barnes, B.J. 2005. *Unikkaaqatigiit – Putting the Human Face on Climate Change – Perspectives from Arctic Bay, Nunavut*. Ottawa: Joint publication of Inuit Tapiriit Kanatami, Nasivvik Centre for Inuit Health and Changing Environments at Université Laval and the Ajunnginiq Centre at the National Aboriginal Health Organization.
- Community of Holman Island. Fonger, R., Moss-Davies, P. 2005. *Unikkaaqatigiit – Putting the Human Face on Climate Change – Perspectives from Holman Island, Inuvialuit Settlement Region*. Ottawa: Joint publication of Inuit Tapiriit Kanatami, Nasivvik Centre for Inuit Health and Changing Environments at Université Laval and the Ajunnginiq Centre at the National Aboriginal Health Organization.

- Community of Inuvik, Nickels, S., Furgal, C., Castleden, J., Armstrong, B., Binder, R., Buell M., Dillion, D., Fonger, R., Moss-Davies, P. 2005. *Unikkaaqatigiit – Putting the Human Face on Climate Change – Perspectives from Inuvik, Inuvialuit Settlement Region*. Ottawa: Joint publication of Inuit Tapiriit Kanatami, Nasivvik Centre for Inuit Health and Changing Environments at Université Laval and the Ajunnginiq Centre at the National Aboriginal Health Organization.
- Community of Ivujivik, Furgal, C., Qinuajuak, J., Martin, D., Marchand, P., Moss-Davies, P. 2005. *Unikkaaqatigiit – Putting the Human Face on Climate Change – Perspective from Ivujivik, Nunavik*. Ottawa: Joint publication of Inuit Tapiriit Kanatami, Nasivvik Centre for Inuit Health and Changing Environments at Université Laval and the Ajunnginiq Centre at the National Aboriginal Health Organization.
- Community of Kangiqsujuaq, Furgal, C., Qiisiq, M., Etidloie, B., Moss-Davies, P. 2005. *Unikkaaqatigiit – Putting the Human Face on Climate Change: Perspectives from Kangiqsujuaq, Nunavik*. Ottawa: Joint publication of Inuit Tapiriit Kanatami, Nasivvik Centre for Inuit Health and Changing Environments at Université Laval and the Ajunnginiq Centre at the National Aboriginal Health Organization.
- Community of Kugaaruk. Nickels, S., Furgal, C., Buell, M., Moquin, H., Shirley, J., Carter, A. 2005. *Unikkaaqatigiit – Putting the Human Face on Climate Change – Perspectives from Kugaaruk, Nunavut*. Ottawa: Joint publication of Inuit Tapiriit Kanatami, Nasivvik Centre for Inuit Health and Changing Environments at Université Laval and the Ajunnginiq Centre at the National Aboriginal Health Organization.
- Community of Paulatuk. Fonger, R., Moss-Davies, P. 2005. *Unikkaaqatigiit – Putting the Human Face on Climate Change – Perspectives from Paulatuk, Inuvialuit Settlement Region*. Ottawa: Joint publication of Inuit Tapiriit Kanatami, Nasivvik Centre for Inuit Health and Changing Environments at Université Laval and the Ajunnginiq Centre at the National Aboriginal Health Organization.
- Community of Puvirnituk, Furgal, C., Qinuajuak, J., Martin, D., Marchand, P., Moss-Davies, P. 2005. *Unikkaaqatigiit – Putting the Human Face on Climate Change: Perspectives from Puvirnituk, Nunavik*. Ottawa: Joint publication of Inuit Tapiriit Kanatami, Nasivvik Centre for Inuit Health and Changing Environments at Université Laval and the Ajunnginiq Centre at the National Aboriginal Health Organization.
- Community of Repulse Bay. Nickels, S., Furgal, C., Buell, M., Moquin, H., Shirley, J., Carter, A. 2005. *Unikkaaqatigiit – Putting the Human Face on Climate Change – Perspectives from Repulse Bay, Nunavut*. Ottawa: Joint publication of Inuit Tapiriit Kanatami, Nasivvik Centre for Inuit Health and Changing Environments at Université Laval and the Ajunnginiq Centre at the National Aboriginal Health Organization.
- Community of Tuktoyaktuk. Nickels, S., Furgal, C., Castleden, J., Armstrong, B., Binder, R., Buell M., Dillion, D., Fonger, R., Moss-Davies, P. 2005. *Unikkaaqatigiit – Putting the Human Face on Climate Change – Perspectives from Tuktoyaktuk, Inuvialuit Settlement Region*. Ottawa: Joint publication of Inuit Tapiriit Kanatami, Nasivvik Centre for Inuit Health and Changing Environments at Université Laval and the Ajunnginiq Centre at the National Aboriginal Health Organization.
- Bernier, S., **Furgal, C.**, Grondin, J., and Godin, G. 2003. Predicting food choice behaviour in a Nunavik community: developing a tool for public health. *EpiNorth*, 15(1): 6-10.
- Furgal, C.M.**, Martin, D., Gosselin, P., Viau, A., Labrador Inuit Association / Health Commission, Nunavik Regional Board of Health and Social Services / Nunavik Nutrition

- and Health Committee. 2001. Climate change and health: What we know from science and Inuit knowledge. Final report submitted to Climate Change Action Fund Adaptation Liaison Office, Natural Resources Canada, Ottawa, ON.
- Gosselin, P., and **Furgal, C.** 2001. Environmental Health Indicators for the U.S. - Mexico Border. Concept Document. U.S. - Mexico Border Field Office of the Pan American Health Organization, El Paso Texas. July 2001.
- Jardine, C.G., Hrudehy, S.E., Shortreed, J.H., Krewski, D., **Furgal, C.**, Craig, L. and S. McColl. 2001. Review of risk management frameworks for environmental, human health and occupational health risks. Final Report Submitted to the Risk Management Strategy Working Group of the Federal/Provincial/Territorial Committee on Environmental and Occupational Health on behalf of NERAM by Dept. of Medicine and Dept. of Epidemiology and Community Medicine, Faculty of Medicine, University of Ottawa, Ottawa, ON. March, 2001.
- Eyles, J., and **Furgal, C.** 2000. Indicators in environmental health: Identifying and selecting common sets. Workshop report "Consensus Conference on Environmental Health Surveillance: Agreeing on basic sets of indicators and their future use", Quebec City, October 10-12, 2000. International Joint Commission, Ottawa, ON.
- Furgal, C.M.** Craig, L., Shortreed, J., and R. Keith. 1999. Country Foods: Benefits and Risks. A Resource Document for Nunavik and Labrador. *Institute for Risk Research*, University of Waterloo, Waterloo, ON, Canada, N2L 3G1. ISBN: 0-9684982.
- Furgal, C.M.** 1999. Addressing Decision-making Capacity in Labrador: The Case of Health Advisories and the Labrador Inuit. In Craig, L. (Ed.) *Eco-Research Avativut / Ilusivut Research Program, Final Report*. Unité de recherche en santé publique, CHUQ-Pavillon CHUL (Centre de santé publique de Québec) Beauport (Québec) Canada. ISBN 2-89496-095-6.
- Furgal, C.M.**, and Keith, R.F. 1998. Canadian Arctic Contaminants Assessment Report - Overview and Summary. *Northern Perspectives* 25(2): 4-12.
- Furgal, C.M.**, Shortreed, J., Keith, R., Dewailly, E. and Craig, L. 1996. Inuit perspectives on environmental contaminants. Report on Avativut/Ilusivut Risk Management Workshops in Nunavik and Labrador. *Institute for Risk Research*, University of Waterloo, Waterloo, Ontario N2L 3G1. ISBN: 0-9696747-6-7.
- Furgal, C.M.** 1996. Addressing Decision-Making Capacity in Northern Communities: An integrative approach. Working Paper No. 36. *Institute for Risk Research*, University of Waterloo, Waterloo, Ontario.
- Furgal, C.M.** 1996. Inuit Health and Culture: Risk Management Perspectives for Decision-Making. *Avativut / Ilusivut Newsletter*. Québec Centre for Public Health, Beauport, Q.C. 2 (2): 2-4.
- Furgal, C.M.** 1995. Risk Management Workshops. *Avativut / Ilusivut Newsletter*. Québec Centre for Public Health, Beauport, Q.C. 1(2): 1-2.

Theses

- Furgal, C.M.** 1999. Addressing Northern Decision Making Capacity: The case of health advisories and the Labrador Inuit. Ph.D. Thesis, Department of Urban and Regional Planning, University of Waterloo, Waterloo, Ontario, N2L-3G1.

Furgal, C.M. 1994. Predation on ringed seals by polar bears (*Ursus maritimus*), Arctic foxes (*Alopex lagopus*) and Inuit hunters. M.Sc. Thesis, Department of Biology, University of Waterloo, Waterloo, Ontario.

Presentations, Guest Lectures, Communications etc.

- Oct 2007** **C Furgal.** Guest lectures, Introduction to Indigenous Studies (INDG 100) (1), Introduction to Indigenous Environmental Studies (INDG ERST 260) (1), Trent University
- Oct 2007** **C Furgal.** Key Findings from the Natural Resources Canada, Climate Change Impacts and Adaptation Assessment, Northern Chapter. Invited Speaker, presentation to the Arctic Athabaskan Council and other Western Arctic leaders at “Climate Change Impacts and Adaptation Workshop: Preparing for the Future” Meeting, October 9th, 2007 Inuvik, NT. (*Oral Presentation, Invited Speaker*)
- Oct 2007** **C Furgal.** Balancing Benefits and Risks: lessons learned and future challenges under the NCP, Invited Presentation., NCP 15th Annual Results Workshop, October 2-4, 2007 Lake Louise, AB. (*Invited Speaker*)
- Sept 2007** **C Furgal** and C Jardine. Factors affecting the communication and understanding of known and theoretical environmental health risks in northern Aboriginal communities. Invited Lecture, Health Canada Policy Research Forum Series, Health Canada, Ottawa, ON, September 14, 2007. (*Invited Speaker*)
- May 2007** **C Furgal.** Climate Change Impacts on Northern Indigenous People. Invited Speaker to Indian and Northern Affairs Canada, Aboriginal Awareness Week, Ottawa, ON (*Invited Speaker*)
- May 2007** **C Furgal.** Climate Change Impacts and Adaptation in the Circumpolar North. Invited Speaker to Trent ‘Lunch with the Experts’, Peterborough, ON. (*Invited Speaker*)
- April 2007** **C Furgal.** Summary of Polar Regions Chapter, in Fourth Assessment Report of the Intergovernmental Panel on Climate Change, Public Conference and Press Release, Ottawa, ON. (*Invited Speaker*)
- Dec 2006** P Roach and **C Furgal.** Providing Support for Northern Health Professionals: A workshop on consumption advice and the Northern Contaminants Program. Northern Contaminants Program, Annual Results Workshop, Dec 11-13 2006, Victoria BC (*Oral Presentation*)
- Dec 2006** C Tesar and **C Furgal.** Understanding Communications on Contaminants: A case study review of lessons learned in the Canadian North. Northern Contaminants Program, Annual Results Workshop, Dec 11-13 2006, Victoria BC (*Oral Presentation*)
- Dec 2006** **C Furgal.** Communicating Science with Northern Communities. Presentation to ArcticNet Annual Scientific Meeting, Student Day. Dec 12-15, 2006 Victoria,, BC (*Invited Speaker*)
- Nov 2006** **C Furgal.** Guest lectures, Introduction to Environmental Toxicology (2), Introduction to Environmental Health (2). Environmental and Resource Science 100, Trent University
- Dec 2005** **C Furgal.** Climate change impacts in the Canadian high Arctic: A comparative study along the East-West gradient in environmental and societal factors. THEME 1

- Annual Presentation. ArcticNet Annual Scientific Meeting. Banff, AB Dec 13-16, 2005. (*Oral presentation*)
- Dec 2005** C **Furgal** and T Prowse. Canadian Climate Change Impacts and Adaptation Assessment: A Northern Regions Perspective. ArcticNet Annual Scientific Meeting. Banff, AB Dec 13-16, 2005. (*Oral presentation*)
- Dec 2005** Alain, J and C **Furgal**. Factors influencing vulnerability to impacts of climate change on traditional food security in Inuit communities. ArcticNet Annual Scientific Meeting. Banff, AB Dec 13-16, 2005. (*Poster presentation*)
- Dec 2005** Owens, S. Gosselin, P., and **Furgal C**. Capacity of Northern Environmental Health Systems to Address Climate Change Impacts. ArcticNet Annual Scientific Meeting. Banff, AB Dec 13-16, 2005. (*Oral presentation*)
- Dec 2005** C. **Furgal**. Climate change and traditional food security in Arctic communities. Invited presentation to the 11th Conference of the Parties on the UNFCCC. December 6, 2005 (*Invited Speaker*).
- Dec 2005** C. **Furgal** Developing adaptive capacity for climate change: Lessons from Canadian Inuit communities. Invited presentation to the 11th Conference of the Parties on the UNFCCC. December 1, 2005 (*Invited Speaker*).
- Nov 2005** C. **Furgal**. Contaminants in Arctic Communities: Environmental Health Risk Management and Communication. Guest Lecture to Graduate Class in Aboriginal Health, University of Toronto, Department of Public Health Science. November 22, 2005.
- Oct 2005** C. **Furgal**, Dewailly, E., and S. Bernier. Building capacity for Arctic health research: Lessons from the Nasivvik Centre for Inuit Health and Changing Environments. Canadian Rural and Northern Health Conference, Oct 26-29, Quebec City.
- Sept 2005** C. **Furgal**, G Paoli, E Hartnett. Decision support tool for risk-benefit balancing of country food issues in Nunavik. Northern Contaminants Program, Annual results symposium. Victoria, BC September 27-29.
- Sept 2005** C. **Furgal**, Nunavik Nutrition and Health Committee. Learning about communications: evaluating the return of results from the Nunavik Inuit Child development study. Northern Contaminants Program, Annual results symposium. Victoria, BC September 27-29.
- Sept 2005** C **Furgal**, Grable, C., et al. What do Inuit and Yukon communities want to know about the environment and their health ? Northern Contaminants Program, Annual results symposium. Victoria, BC September 27-29.
- Sept 2005** C **Furgal**. Climate Change and Human Health in Arctic Aboriginal Populations. Invited Presentation to the Millennium Scholarship recipients, at the awardees annual conference, Sept 17, Ottawa, ON.
- June 2005** C **Furgal**. Climate Change, Health Impacts, Vulnerabilities, and the Capacity to Adapt in Canadian Northern Aboriginal Communities. Reidel Lecture on Environment and Health. Invited Lecture, Health Canada, Climate Change and Health Office, Ottawa. (*Invited Oral Presentation*)
- May 2005** M Buell, C **Furgal** and S Nickels. Putting the Human Face on Climate Change : results from Inuit community workshops on climate change impacts adaptation and monitoring. Canadian Climate Change Impacts and Adaptation Conference. May 4-7 2005, Montréal. (*Oral presentation*)

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- May 2005** **C Furgal** and J Seguin. Climate change health impacts, vulnerability and the capacity to respond in northern Aboriginal communities. Canadian Climate Change Impacts and Adaptation Conference. May 4-7 2005, Montréal. (*Oral presentation*)
- Dec 2004** **C Furgal** and J Seguin. Climate change health impacts, vulnerability and the capacity to respond in northern Aboriginal communities. NEXUS Conference on social, economic and health impacts of climate change, Health Canada, Nov 20-Dec 1, 2004, Ottawa, ON. (*Oral presentation*)
- Dec 2004** S Owens and **C Furgal**. Climate change and health among Inuit women in Labrador. NEXUS Conference on social, economic and health impacts of climate change, Health Canada, Nov 20-Dec 1, 2004, Ottawa, ON
- Nov 2004** **C Furgal** and J Berner. Climate Change and Human Health in the Circumpolar North. Arctic Climate Impact Assessment International Symposium. November 9-12, 2004. Reykjavik, Iceland. (*Invited presentation*)
- Nov 2004** **C Furgal**, S Nickels and M Buell. Putting the Human Face on Climate Change : results from Inuit community workshops on climate change impacts adaptation and monitoring. Arctic Climate Impact Assessment International Symposium. November 9-12, 2004. Reykjavik, Iceland. (*Oral presentation*)
- Nov 2004** S Owens and **C Furgal**. Climate change and Labrador Inuit women's health. Arctic Climate Impact Assessment International Symposium. November 9-12, 2004. Reykjavik, Iceland. (*Poster presentation*)
- Nov 2004** **C. Furgal**. Introduction to Arctic environmental contaminants and human health. University of Toronto, Department of Health Sciences. Masters course in Aboriginal Health. (*Guest lecturer*)
- Sept. 2004** **C. Furgal**. Climate change and human health: impacts and adaptations in the Arctic. Invited speaker to the The Sixth Conference of Parliamentarians of the Arctic Region, Sept 3-6, 2004. Nuuk, Greenland. (*Invited Speaker*)
- Aug. 2004** **C. Furgal**. Contaminants and Communities: The Northern Contaminants program as a potential model for partnerships and communications. Inuit Studies Conference, Calgary, AB August 11-14. (*Invited Plenary Speaker*)
- Aug. 2004** **C. Furgal**, S. Bernier, E. Dewailly. Nasivvik – Centre for Inuit health and changing environments. Inuit Studies Conference, Calgary, AB August 11-14. (*oral presentation*)
- Aug. 2004** **C. Furgal**, S. Bruneau. A Regional Approach to Managing and Communicating Environmental Health Information in the North: The Nunavik Nutrition and Health Committee. Inuit Studies Conference, Calgary, AB August 11-14. (*oral presentation*)
- Aug. 2004** Dean, L. and **C. Furgal**. Learning to communicate about northern contaminants to Inuit women and children: The case of the Labrador coast. Inuit Studies Conference, Calgary, AB August 11-14.
- Aug. 2004** Myers, H., and **C. Furgal**. Assessing awareness, comprehension and perception of contaminants in the North. Inuit Studies Conference, Calgary, AB August 11-14.
- Jun. 2004** V. Lafortune, **C. Furgal**, J. Drouin, T., Annanack, B. Etidloie, N. Einish, P. Tookalook, M. Qiisiq. Changements climatiques au Québec nordique et impacts sur l'accessibilité aux ressources : L'exemple du réseau de sentiers traditionnels. 1iere Symposium Ouranos sur les changements climatiques, 9-10 juin, Montréal, Québec (poster).

- May 2004** **C Furgal.** Nasivik – Centre de la santé des inuits et les changements environnementaux. Journée de recherche, Institut national de santé publique, Québec, PQ. (présentation orale)
- May 2004** **C Furgal** Invited Speaker to Special Session on Climate Change Vulnerabilities – “Climate Change and Health :Impacts and Adaptations in the Canadian North”. Canadian Association of Geographers Conference. Moncton, New Brunswick.
- Feb. 2004** **C Furgal** University of Toronto Public Health Sciences Day, Toronto, Canada. “Nasivik Centre for Inuit Health and Changing Environments – A model for building Aboriginal health research capacity in the North”. (Invited Speaker)
- Jan. 2004** Interview – National Public Radio, US. On Point – Contaminants in Breast Milk of the Inuit.
- Dec. 2003** **C Furgal** and G Paoli. An integrated decision support tool for the management of diverse risks and benefits associated with country foods in the Canadian North . Society for Risk Analysis, Baltimore, Maryland.
- Oct. 2003** **C Furgal**, S Nickles and The communities and Regional Inuit Organizations of Labrador, Nunavik and the Inuvialuit Settlement Region. Climate change and Inuit health: Impacts and adaptation in the Canadian North. SEARCH Open Science Meeting, October 27, 2003 Seattle Washington (Poster presentation)
- Sept. 2003** Berner, J., and **C Furgal**. Arctic Climate Impact Assesment: Health Perspectives. International Congress on Circumpolar Health, Nuuk Greenland.
- Sept. 2003** **C Furgal** and C Blanchet. Relationships between risk perception, awareness of contaminants, country food use, contaminant exposure and determinants of social and mental health among Nunavimmiut. International Congress on Circumpolar Health, Nuuk Greenland.
- Sept. 2003** M Grey, **C Furgal** and E Dewailly. Nasivvik Centre for Inuit Health and Changing Environments. International Congress on Circumpolar Health, Nuuk Greenland.
- Jun. 2003** Godin, G., Bernier, S., **Furgal, C.**, Grondin, J., & Dewailly, É. Le Choix Alimentaire Parmi La Population Inuit du Nord Canadien: un test de l’applicabilité des théories sociales cognitives. IIème Congrès International de Psychologie de la Santé de Langue Française, METZ, France, 26-27 juin 2003.
- Mar. 2003** **Furgal, C.**, E. Loring. Knowledge in Action: Overview of the CACAR II report. Northern Contaminants Internaitonl Symposium, Ottawa Ontario, March 4-7. (*Invited Speaker*)
- Mar. 2003** **Furgal, C.**, C. Blanchet, E. Dewailly, G. Muckle, S. Bruneau. Relationship between risk perception of food chain contamination and country food use, contaminant exposure, and determinants of social and mental health among Nunavimmiut. Poster presented at the Northern Contaminants Program International Symposium, Ottawa Ontario, March 4-7.
- Mar. 2003** **Furgal, C.**, H. Myers, and S. Powell. Assessing awareness, comprehension and perception of contaminants in the Canadian North: Preliminary Results. Northern Contaminants Program International Symposium, Ottawa Ontario, March 4-7. (poster)
- Mar. 2003** Bernier, S., **C. Furgal**, G. Godin, Labrador Inuit Association, Labrador Inuit Health Commission, E Dewailly. Determinants of Food Choices in Labrador. Northern Contaminants program International Symposium, Ottawa Ontario, March 4-7. (poster)

- Dec. 2002** Ayotte, P., Dewailly, É., Rhainds, M., Bruneau, S., Furgal, C., Grondin, J., Lévesque, B., Blanchet, C., Muckle, G. 2002. Organochlorines, mercury and lead exposure in Inuit populations. Annual Symposium of the Society of Toxicology of Canada, December 5-6 2002, Montréal, QC.
- July 2002** Berner, S., Godin, G., Gingras, S., **Furgal, C.**, Grondin, J., Laverdière, and E. Dewailly. Predicting Food Behaviour in the Eastern Canadian Arctic: A tool for public health. Xth International Food Choice Conference, June 30-July 3, 2002. Wageningen, Netherlands.
- July 2002** **Furgal, C.M.** Climate Change and Health in the Canadian North: What we know and where we are going. Invited Presentation to the Health Canada Climate Change and Health Workshop of Northern Health Representatives. Yellowknife, July 6-7, 2002. (invited Speaker)
- Feb. 2001** **Furgal, C.M.**, Bruneau, S., and M. Grey. 2001. Communicating on Health and Contaminants in Nunavik. Paper presented to Human Health Update Workshop, Northern Contaminants Program. February 7-8, 2001. Ottawa, ON.
- Feb. 2001** **Furgal, C.M.**, Bruneau, S., Nunavik Nutrition and Health Committee, Labrador Inuit Association, Labrador Inuit Health Commission. 2001. Country Food Monitoring in Nunavik and Labrador. Presentation made to the Country Food Monitoring Workshop, Health Canada. February 9, 2001. Ottawa, ON.
- Jun. 2001** Bernier, S., Godin, G., Gingras, S., **Furgal, C.**, Grondin, G., Dewailly, E., Laverdière, D. 2001. Psychosocial determinants of food choices in the Arctic. International Congress on Arctic Social Sciences, May 2001, Quebec City, Canada.
- Nov. 2000** Grey, M., **Furgal, C.**, Bruneau, S. 2000. Community response to contaminants. Annual General Meeting, World Council of Whalers, New Zealand, November 14-18, 2000.
- Oct. 2000** Eyles, J., and **Furgal, C.** 2000. Indicators in environmental health: Identifying and selecting common sets. Consensus Conference on Environmental Health Surveillance: Agreeing on basic sets of indicators and their future use. Quebec City, October 10-12, 2000. (oral presentation)
- Sept. 2000** **Furgal, C.**, Dewailly, E., Denetto, M. 2000. Decision-making and diet: Balancing the physical, economic, and social components. Northern Contaminants Program Annual Results Workshop, Calgary, AB., Sept 28-30, 2000. (poster presentation)
- Sept. 2000** Lampe, J., Murphy, F., **Furgal, C.**, and Craig, L. 2000. Country food, nutrition and health: Developing effective communication strategies in Labrador (Year 2). Northern Contaminants Program Annual Results Workshop, Calgary, AB., Sept 28-30, 2000. (poster presentation)
- Aug. 2000** **Furgal, C.**, Dewailly, E., Bruneau, S., Blanchet, C., and Grey, M. 2000. Risks and benefits of traditional food consumption in the Arctic. 12th Conference of the International Society for Environmental Epidemiology. Buffalo, NY., August 19-22, 2000. (oral presentation)
- Mar. 2000** Gosselin, P., and **Furgal, C.** 2000. Changements Climatiques et Santé. Dans, Rapport de l'atelier sur les impacts et l'adaptation aux changements climatiques. Salon des technologies environnementales, Saint-Hyacinthe, 30-31 mars 2000.
<http://www.inrs.quebec.ca/cgq/climaq/climaq.html>.

- Jun. 2000** **Furgal, C.** 2000. Indigenous involvement in environmental health decision making: A framework for enhancing capacity. 11th International Congress on Circumpolar Health. Harstad, Norway. June 4-9, 2000. (oral presentation)
- Jun. 2000** **Furgal, C.M.,** Bernier, S., Godin, G., and Dewailly, E. 2000. Decision-making and diet in the North: Balancing the physical, economic and social components. 11th International Congress on Circumpolar Health. Harstad, Norway. June 4-9, 2000. (poster presentation)
- Nov. 1999** **Furgal, C.,** and Gosselin, P. 1999. Environmental health indicators: Theory, organization and criteria for selection. Workshop on Ocean and Human Health. Bermuda Biological Station for Research (BBSR), St. George's Bermuda, November 16-19, 1999. (Invited Speaker)
- Sept. 1999** Andersen, F., Lampe, J., Murphy, F., **Furgal, C.M.,** Craig, L. 1999. Country food, nutrition, and health: Developing effective communication strategies in Labrador. Northern Contaminants Program Annual Results Workshop, Whiterock, B.C. Sept 28-30, 1999. (poster presentation)
- May 1999** **Furgal, C.,** and Gosselin, P. 1999. Inuit Health and Food Security : The Role of Climate Change and Resource Trends. Sustainable Development in the Arctic: Conditions for Food Security; Scientific Meeting, May, 1999, Québec City, PQ. (oral presentation)
- Aug. 1998** **Furgal, C.M.** 1998. Addressing Northern Decision Making Capacity: The case of health advisories and the Labrador Inuit, Preliminary Results. Circumpolar Social Science Ph.D. Network Conference, Tromso, Norway, August 1998. (oral presentation)
- Mar. 1998** **Furgal, C.M.** 1998. Addressing Northern Decision-Making Capacity: The case of health advisories and the Labrador Inuit. Colloque Nord-Laval en Sciences Humaines. Université Laval, Québec City, QC. April 2-3, 1998. (oral presentation)
- Oct. 1997** **Furgal, C.M.** 1997. Indicators of northern decision making capacity: The case of health advisories and the Labrador Inuit. Circumpolar Social Science Ph.D. Network Conference, September 29 - October 10, 1997. Aguanish, Quebec. (oral presentation)
- Dec. 1996** **Furgal, C.M.,** Shortreed, J., Keith, R.F., and Craig, L. 1996. Contaminants in Country Food of the Inuit: Development of a Risk Management and Communication Strategy. Society for Risk Analysis, December 9-12, 1996. New Orleans, LO. (oral presentation)
- Apr. 1994** **Furgal, C.M.** 1994. Factors influencing predation success on ringed seal (*Phoca hispida*) subnivean lairs and breathing holes. Biology Graduate Colloquium, April 4, 1994. Department of Biology, University of Waterloo. (oral presentation)
- Apr. 1994** **Furgal, C.M.** 1994. Wildlife Management in Canada. Panacea or Pandora's Box?: a Conference on the Sustainability of Wild Life, April 26. University of Guelph, Ontario. (oral presentation)
- Jan. 1993** **Furgal, C.M.** 1993. Factors influencing predation success on ringed seal (*Phoca hispida*) subnivean lairs and breathing holes: proposal and analysis to date. Presented to the Arctic Marine Mammal Ecology and Assessment Group, DFO, Freshwater Institute, Winnipeg, Manitoba. (oral presentation)

Awards, Distinctions

- 2007 Faculty Merit Award, Trent University
- 2007 Member of Intergovernmental Panel on Climate Change Science Committee – Fourth Assessment Report – Co-recipient of 2007 Nobel Peace Prize
- 2003 Canadian Institutes for Health Research CIHR, Institute for Aboriginal Peoples Health, New Investigator Award (Associated with the awarded ACADRE Grant to U Laval, E Dewailly, PI) \$150,000
- 2000 Canadian Institutes for Health Research, CIHR (SSHRC/MRC), 3 yr. Postdoctoral Fellow Recipient \$120,000
- 1999 Award for Outstanding Achievement in Doctoral Thesis, U of W
- 1999 Nominated for University of Waterloo Gold Medal for Excellence in a Doctoral dissertation
- 1998 Robert Starbird Dorney Memorial Scholarship, U of W \$2,000
- 1997-98 Invited participant of Circumpolar Ph.D. Network Conference, Québec ‘97, Norway-Russia ‘98
- 1995-98 Eco-Research Tri-Council Secretariat Doctoral Research Assistantship \$54,000
- 1993-97 Annual recipient of Department of Indian Affairs and Northern Development Northern Scientific Training Program Grants \$10,000
- 1994 Outstanding Teaching Assistantship Award, Dept. of Biology, U of W
- 1994 University of Waterloo Open Graduate Scholarship \$1,000
- 1993 University of Waterloo Open Graduate Scholarship \$1,000
- 1987 University of Western Ontario Entrance Scholarship \$1,200
Recipient of Ontario Scholar Award

Research Funds Received and Pending

- 2008-10 (pending) “Risk communication and trust in government action: Lessons from case studies in Canada” Proposal submitted to CIHR (PI) \$300,000
- 2007-10 Network Environments for Aboriginal Health Research, CIHR Centre Grant, “Nasivvik (Inuit) Centre for health and environmental change”. C Furgal, Co-PI (\$1.8 million)
- 2007-10 Network Environmental for Aboriginal Health Research, CIHR, Centre Grant, “Indigenous Health Research Program”, University of Toronto, Lakehead, McMaster and Trent Universities. Kue Young PI, C Furgal Applicant (\$1.8 million)
- 2007-08 “Community ice and weather forecasting in Nunavut”, Northern Ecosystem Initiative, Environment Canada. C Furgal, PI (\$87,000)
- 2007-10 “URQSUK – Integrated research program on Arctic marine fats and lipids” E Dewailly PI, - C Furgal Researcher (\$1.2 million)
- 2007-10 “Inuit Sea Ice and Occupancy Project” C Aporta PI, C Furgal sub-project PI (\$1.0 million)
- 2007-10 “Variability and change in the Canadian cryosphere – Canadian contribution to the state and fate of the polar cryosphere” A Walker PI; C Furgal – Co-Researcher (\$1.8 million)
- 2006-08 “ArcticNet project 2.8” Access to resources and territory in Nunavik, impacts of climate change in Inuit communities. Network of Centres of Excellence (NCE) Network Investigator; PI C Furgal (\$100,00)

Curriculum Vitae
Christopher M. Furgal, PhD
13/05/2008

2006-07	“Knowledge Translation & Training for the Decision Support Tool to Balance Risk and Benefit Aspects of Country Food Decisions in Nunavik” Northern Contaminants Program (DIAND) (Co-Principal Investigator) \$30,000
2006-11	“Circumpolar Chronic Disease Prevention”, CIHR Team Grant, project lead for “Contaminants, and food risks: balancing risks and benefits”. (PI Kue Young, U of T) (C Furgal - Co-applicant, sub-project co-PI). (Total team grant \$5 million)
2006-07	“Ways of knowing and understanding: Scientific and Indigenous knowledge for climate change issues in the Canadian North”, Contract- Environment Canada (Principal Investigator) \$15,000
2005-06	“Understanding Communications on Contaminants: A case study review of lessons learned in the North, Part 1. Lessons from Inuit Communities”, Northern Contaminants Program (DIAND) (Co-Principal Investigator) \$117,000
2005-06	“Decision Support Tool for Risk and Benefit Balancing of Country Food Issues in the Canadian Arctic (Year 2)”, Northern Contaminants Program (DIAND) / Health Canada. (Principal Investigator) \$65,000
2004-05	“Decision Support Tool for Risk and Benefit Balancing of Country Food Issues in the Canadian Arctic”, Northern Contaminants Program (DIAND) / Health Canada. (Principal Investigator) \$85,000
2004-06	“Factors Affecting the Communication and Understanding of Known and Potential/Theoretical Risks to Health in Northern Aboriginal Communities”, Health Canada Policy Research Program, (Co-Principal Investigator) \$300,000
2004-08	“ArcticNet Project 4.4” Food Security and Climate Change in the North. Network of Centres of Excellence (NCE) Network Investigator \$400,000 co-PI C Furgal
2004-08	“ArcticNet Project 4.5” Environmental health surveillance and monitoring in northern regions. Network of Centres of Excellence (NCE) Network Investigator \$400,000; researcher C Furgal
2003-06	“ACADRE Grant – Aboriginal Capacity and Developmental Research Environments” Centre Award, Canadian Institutes of Health Research – Institute for Aboriginal Peoples Health, (Co-Director and New Investigator -Climate Change and Public Health) \$1.5 million
2003-06	“Impact of Climate Change on Food Security in Three Northern Aboriginal Communities – Plans for Adaptation” Climate Change Action Fund, Environment Canada (Principal Investigator) \$275,000
2003-08	“Climate Change Impacts on Access to Resources in Nunavik. Northern Ecosystem Initiative, Environment Canada (Co-Principal Investigator). \$325,000
2002-2003	"Assessing awareness, comprehension and perception of contaminants issues in two regions of the Canadian North" Northern Contaminants Program, DIAND (Principal Investigator) \$67,000
2002-2003	"Relationships between risk perception of food chain contaminants and country food use, contaminant exposure and determinants of social and mental health among Nunavimmiut", Northern Contaminants Program, DIAND (Principal Investigator) \$120,000
2002-2003	"Inuit Response to Climate Change: Developing a Coordinated Approach", Northern Ecosystem Initiative, Environment Canada (Research partner) \$60,000

2001-2003	"Identifying, Selecting and Monitoring Indicators of Climate Change in Nunavik and Labrador", Northern Ecosystem Initiative, Environment Canada (Principal Investigator) \$120,000
2001-2002	"A Catalogue of Health and Contaminants Communication Materials", Northern Contaminants Program, DIAND (Principal Investigator) \$55,000
2001-2003	"Determinants of Food Choice in Labrador", Northern Contaminants Program, DIAND (Principal Investigator) \$145,000
2000-2001	"Climate Change and Public Health in Nunavik and Labrador: What we know from Science and Traditional Knowledge", Climate Change Action Fund, Env Can. (Principal Investigator) \$90,000
2000-2001	"Socio-demographic factors influencing nutrition and contaminant exposure in Nunavik". Northern Contaminants Program, DIAND (Researcher) \$75,000
2000-2001	"Incorporation of scientific knowledge into Inuit knowledge in Nunavik" Northern Contaminants Program, DIAND (Researcher) \$68,000
1999-2001	" Decision-Making and Diet in the North: Balancing the Physical, Economic and Social Components". Northern Contaminants Program, DIAND (Principal Investigator) \$150,000
1998-2000	"Country Food, Nutrition and Health: Developing Effective Communication Strategies in Labrador". Northern Contaminants Program, DIAND (Researcher) \$120,000
1998-99	"Labradorimiut Perspectives on Environmental Health: Analysis of the Environmental Health Study". Northern Contaminants Program, DIAND (Researcher) \$40,000

Additional Involvement (Committees, International Assessments, Affiliations)

2007-present	World Wildlife Fund, Climate Change Witness, Science Advisory Panel Member
2006-present	Adjunct Professor, Faculty of Social and Applied Human Sciences, Department of Geography, University of Guelph (initiated 2004-06, renewed)
2006-present	Adjunct Professor, Faculty of the Environment, Earth and Resources, Department of Environment and Geography, University of Manitoba
2006-present	Adjunct Professor, Faculty of Management, Department of Health Administration, University of Ottawa
2004-present	Adjunct Professor, Department of Environmental Resources Studies, Dalhousie University
2003-present	Adjunct Professor, Department of Social and Preventive Medicine, Faculty of Medicine, Université Laval
2004-present	Research Associate, Canadian Circumpolar Institute, University of Alberta
2005-present	Lead Author, Health Canada Climate Change Vulnerability Assessment (Adaptive Capacity and Northern Region Chapters)
2005-present	Lead Author, Canadian Climate Change Assessment (Northern Regions Chapter)
2004-2007	Lead Author, Intergovernmental Panel on Climate Change Working Group II, Polar Regions (IPCC) (<i>IPCC Fourth Assessment Report Co-Recipient of 2007 Nobel Peace Prize</i>)
2004-present	Standing Peer Review Committee on Aboriginal Health, Canadian Institutes of Health Research

2004-05	Organizing and Scientific Committee, Canadian Rural Health Society and Canadian Circumpolar Health Society joint Conference, Quebec City, October 2005
2000-2006	Eastern Node Director, Network for Environmental Risk Assessment and Management (NERAM)
2000-present	Northern Contaminants Program (DIAND), Management Committee Member
2000-present	Northern Contaminants Program (DIAND), Member of Social / Cultural and Educations, Communications Review Teams
1999-present	Nunavik Nutrition and Health Committee Member
2001-2004	Lead Author Arctic Climate Impacts Assessment report (Health Chapter) (IASC)
2000	Consensus Conference on Environmental Health Surveillance, Organizing Committee Member

Graduate Students (Supervision, in progress)

J Knopp	Community based management of Arctic char in the Canadian Arctic, MSc Environmental Sciences, Trent University (Start Jan 2008)
D Dénommé	Implications of changing perspectives and knowledge of traditional dietary fats among Inuit, PhD Indigenous Studies, Trent University (start: Sept 2007)
J Wilkes	Environmental Assessment and Canadian Aboriginal communities, MA Canadian Studies / Native Studies, Trent University (start: Sept 2007)
K Friendship	Environmental health risk assessment and communication in the circumpolar north, MA Canadian Studies / Native Studies, Trent University (start: Sept 2007)
R DeSantis	Community vulnerability and adaptation to climate change in Nunatsiavut. MA Geography, University of Guelph (Co-Supervisor with B Smit, U of Guelph)
J Alain	Changements climatiques, sécurité alimentaire et les facteurs qui influence la vulnérabilité des populations nordiques. M.Sc. Département of social and preventive medicine, Faculté of Medecine, Université Laval (Supervisor).
I Champagne-Shields	Environmental Health Surveillance Capacity in Nunavut. MSc, Health Administration. Faculty of Management, University of Ottawa, Ottawa, ON (Co-supervisor).
N Vezeau	The Arctic Council as an effective means through which to address Inuit environmental health issues, MA International Studies, Laval University (Co-supervisor)
A Paquette Dioury	Aboriginal health research participation and ethics. MA. Political Science Department, Université Laval (Co-supervisor).
E Dean	Communicating on Contaminants to “at-risk” groups in the North: The case of women of child bearing age in Labrador. M.E.S. School for Resource and Environmental Studies, Faculty of Management, Dalhousie University, Halifax (Co-supervisor).

Postdoctoral Fellow Supervision

- K Morrison Development of a Centre for Inuit environmental health research and training (Laval University and Trent University) (completed July '07)
- M Tremblay Climate change and access to resources among Inuit in Nunavik. Department of Political Science and Public Health Research Unit, Université Laval. (completed Sept '06)

Graduate Students (Completed)

- Lacroix, MH. Master (MSc) in Environmental Sciences. Sherbrooke University. Essay Topic: Climate and environmental change impacts on Inuit traditional knowledge
Completed May 2006 (Supervisor)
- S Owens Climate Change and Health Impacts Among Women of Labrador. M.Sc. Département de médecine sociale et préventive, programme de santé communautaire, Faculté de Médecine, Université Laval. **Completed October 2005 (Co-Supervisor)**
- S Bernier Determinants of Food Choices in Arctic Populations. M.Sc. Département de médecine sociale et préventive, Faculté de Médecine, Université Laval.
Completed July 2003 (Co-Supervisor)

Graduate Students (Committee Member)

- A Pardham Environmental health surveillance of enteric food borne disease in Arctic wildlife. PhD Student, University of Guelph, Supervisor: Victoria Edge
- S Javid Local Aboriginal knowledge of forest hydrology processes. PhD Department of Geography, Trent University. Supervisor: Jim Buttle
- J Clifford-Pena Perceptions, awareness and knowledge of environmental contaminants in the Arctic ecosystem. MA Departments of Native Studies, Environment and Geography, University of Manitoba. Supervisor: Jill Oakes
- T Nancarrow Climate change and nutritional status of northern Aboriginal communities. MSc Department of Nutrition and Dietetics. McGill University. Supervisor: Laurie Chan (UNBC). **(completed Oct 2007)**
- E Pratley Community adaptation and food security impacts of climate change. MA Department of Geography, University of Guelph. Supervisor: Barry Smit.
(Completed May 2005)

Languages (oral and written)

English (maternal language), French