

# DR. TRISTAN PEARCE

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Adjunct Faculty  
Department of Geography, University of Guelph  
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## RESEARCH SPECIALIZATION

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- Cultural geography with a focus on the human/cultural dimensions of global environmental change
- Human-environment relations
- Indigenous perspectives and integration of Indigenous knowledge in environmental decision-making

## EDUCATION

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- 2007-2011 **Ph.D. Geography** – University of Guelph, Canada  
Dissertation: Transmission of environmental knowledge and land skills in adaptation to climate change in the Arctic
- 2004-2006 **M.A. Geography/International Development** – University of Guelph, Canada  
Thesis: Vulnerability and adaptation to environmental change in Ulukhaktok, NWT
- 1998-2003 **B.A. (Hon) International Studies** – University of Northern British Columbia, Canada

## POSITONS AND EMPLOYMENT

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- 2012- **CRN Research Fellow Geography**, Sustainability Research Centre, University of the Sunshine Coast
- Since 2007 **Partner**, ArcticNorth Consulting
- 2011-2012 **Post-Doctoral Associate and Sessional Instructor**, Department of Geography, University of Guelph
- 2009-2011 **Vanier Doctoral Scholar**, Department of Geography, University of Guelph
- 2006-2007 **Research Associate**, Global Environmental Change Group, University of Guelph
- 2004-2006 **Teaching Assistant**, Department of Geography, University of Guelph
- 2003-2004 **Research Assistant**, Rural and Remote Health Research Institute, University of Northern British Columbia

## RESEARCH FUNDING

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Involved in interdisciplinary research projects with collaborators in northern communities, academia, government, non-governmental organizations and industry

### **A total of \$2.1million in funding in the past five years**

- 2014-2015 Health Canada, Climate Change and Health Adaptation Program for Northern First Nations and Inuit Communities  
*TUMIVUT: tracks of our ancestors towards a healthy future*  
*Role: Principal Investigator* \$140,321.20
- 2013-2014 Health Canada, Climate Change and Health Adaptation Program for Northern First Nations and Inuit Communities  
*Nunamin Illihakvia: Learning from the land*  
*Role: Principal Investigator* \$135,920
- 2012-2013 Natural Resources Canada – Enhancing Competitiveness in a Changing Climate Program  
Case studies of adaptation to climate change in the Canadian mining sector  
*Role: Principal Investigator* \$80,600
- 2011-2013 International Development Research Council (IDRC)  
International research initiatives on adaptation to climate change  
*Role: Co-Investigator* \$30,000
- 2012-2013 Collaborative Research Network Seed Funding Award  
Faculty of Arts & Business, University of the Sunshine Coast  
*Role: Principal Investigator*, \$20,000
- 2012-2015 Collaborative Research Network Start-Up Research Award  
Faculty of Arts & Business, University of the Sunshine Coast  
*Role: Principal Investigator*, \$10,000
- 2012-2015 CIHR (Canadian Institute of Health Research) Aboriginal Health Intervention Grant  
Inuit traditional knowledge for adapting to the health effects of climate change (IK-ADAPT)  
*Role: Co-Investigator* \$1.2 million
- 2010-2011 AANDC (Aboriginal Affairs and Northern Development Canada)  
Funding to continue adaptation planning to climate change in three Inuvialuit communities –  
Ulukhaktok, Paulatuk and Aklavik  
*Role: Co-PI w J Ford*, \$195,000
- 2009-2010 AANDC (Aboriginal Affairs and Northern Development Canada)  
Funding to conduct adaptation planning to climate change in two Inuvialuit communities –  
Ulukhaktok and Paulauk  
*Role: Role: Co-PI w J Ford*, \$195,000
- 2008-2009 AANDC (Aboriginal Affairs and Northern Development Canada)  
Funding to conduct a literature review and gap analysis of what we know and don't know  
about climate change impacts, vulnerability and adaptation in the Inuvialuit Settlement  
Region (ISR)  
*Role: Co-PI w J Ford*, \$50,000

- 2008-2009 David Suzuki Foundation  
Funding to document and describe the implications of climate change for the Canadian mining sector and adaptation options  
*Role: Co-PI w J Ford, \$50,000*
- 2007-2008 Northern Climate Exchange, Yukon College  
Funding to develop climate change impacts and adaptations surveys for industry operating in the Yukon  
*Role: Co-PI w J Ford, \$2,000*
- 2007-2008 Northern Climate Exchange, Yukon College  
Funding for climate change vulnerability and adaptation workshop in Atlin, British Columbia  
*Role: Co-PI w J Ford, \$5,000*
- 2006-2007 Nassivik – Centre for Inuit Health and Changing Environments  
Funding to identify climate change adaptation indicators in the Canadian Arctic  
*Role: PI, \$3,500*

#### **AWARDS AND HONOURS**

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**Over \$290,000 over five years in academic awards** (excludes operating funds)

- 2011-2012 Faculty Teaching Award Nomination  
College of Social & Applied Human Sciences, University of Guelph
- 2009-2011 VANIER Doctoral Scholarship - \$150,000  
Social Science and Humanities Research Council (SSHRC) 2009-2011
- 2009-2011 Deans Graduate Scholarship - \$15,000  
University of Guelph 2009-2011
- 2009-2011 Ontario Graduate Scholarship (OGS) - \$15,000  
Government of Ontario (*Turned-down in lieu of SSHRC Vanier*)
- 2009 Deans Scholarship - \$3,350  
University of Guelph 2009
- 2008-2009 Canadian Polar Commission Scholarship, - \$10,000  
ACUNS – Association of Canadian Universities for Northern Studies
- 2008-2009 Ontario Graduate Scholarship (OGS) - \$15,000  
Government of Ontario
- 2008 Board of Graduate Studies Research Scholarship - \$2,500  
University of Guelph, Ontario
- 2007 Graduate Recruitment Scholarship - \$2,000  
University of Guelph, Ontario
- 2005-2008 Northern Scientific Training Program - \$9,000  
Department of Indian and Northern Affairs, Canada

- 2005-2007 Aurora Research Institute Research Fellowship - \$10,000  
Aurora Research Institute, Inuvik, NWT
- 2005-2007 Aurora Research Institute Research Assistant Program - \$10,000  
Aurora Research Institute, Inuvik, NWT
- 2005 Arthur D. Latornell Graduate Scholarship - \$1,500  
University of Guelph, Ontario
- 2005 University Graduate Scholarship - \$2,000  
University of Guelph, Ontario
- 2004 Board of Graduate Studies Research Scholarship - \$2,500  
University of Guelph, Ontario

#### TEACHING EXPERIENCE

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Experience with course development, lecturing, teaching assistantships and guest lectures

- **GEOG 6060: Human Dimensions of Climate Change in the Arctic**, Department of Geography, University of Guelph, Fall 2013/Winter 2014
- **GEOG 4990: Special Topics in Geography**, Department of Geography, University of Guelph, Fall 2013
- **SUS 302: Sustainable Futures**, Faculty of Arts and Business, University of the Sunshine Coast, Fall 2013
- **GEOG 3490: Tourism and the Environment**, Department of Geography, University of Guelph, Winter 2012
- **GEOG 3020: Global Environmental Change**, Department of Geography, University of Guelph, Fall 2011
- **Guest Lecturer**, Department of Geography, University of Guelph, 2004-2012; Sustainability and Geography Programs, University of the Sunshine Coast, 2012-present.
- **Teaching Assistantships**, Department of Geography, University of Guelph: GEOG 3020 Global Environmental Change, GEOG 3210 Management of the Biophysical Environment; GEOG 2210 Environmental Resource Analysis; and GEOG 2460 Analysis in Geography, 2004-2006.

#### RESEARCH STUDENT SUPERVISION

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- Linnaea Jasiuk, Masters of Science, University of Guelph – current  
Thesis: Inuit conceptualizes of and approaches to health in a changing climate
- Colleen Parker, Masters of Science, University of Guelph – current  
Thesis: Vulnerability of Inuit food systems to climate and socio-economic changes
- Genevieve Lalonde, Bachelor of Science Honours, University of Guelph – current  
Thesis: Perceptions of learning success among younger generation Inuit

- Rowan Schindler, Independent Study, University of the Sunshine Coast – current  
Thesis: Film as a medium for communicating the importance of Inuit subsistence hunting to non-Indigenous peoples
- Rachelle Wilson, Bachelor of Science Honours, University of the Sunshine Coast – current  
Thesis: Integrating Indigenous values in protected area planning and management on Fraser Island, Australia
- Jenna Brown, Bachelor of Science Honours, University of the Sunshine Coast – complete 2013  
Thesis: Public awareness and knowledge in the valuation and conservation of sea turtles on the Sunshine Coast, Queensland, Australia
- Olivia Mussels, Bachelor of Science Honours, University of Guelph – complete 2011  
Thesis: Vulnerability and adaptation to climate change in Baker Lake, Nunavut

## **PUBLICATIONS**

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### **25 peer-reviewed publications over five years**

#### *Peer-Reviewed*

1. Ford J, Cunsolo-Wilcox A, Chatwood S, Edge V, Furgal C, Harper S, Mauro I and **Pearce T** (2013). Climate Change and Inuit Health: Five Lessons for Adaptation. *International Journal of Circumpolar Health*.
2. Ford J, Knight M and **Pearce T** (2013) The usability of climate change research as part of the International Polar Year for decision-making. *Global Environmental Change*, 23(5): 1317-1326.
3. **Pearce T** and Smit B (2013). Vulnerability and Adaptation to Climate Change in the Arctic. In: Pielke RA Sr. (ed.) *Climate Vulnerability Volume 1: Climate Vulnerability: Understanding and Addressing Threats to Essential Resources*. Elsevier: 293-303.
4. Ford J, McDowell G, Shirley J, Pitre M, Gough W, Duerden F, **Pearce T**, Adams P and Statham S. (2013). Capturing the dynamic multi-scale nature of climate change vulnerability: an Inuit harvesting example. *Annals of the Association of American Geographers*.
5. Stewart E, Dawson J, Howell S, Johnston M, **Pearce T** and Lemelin H. (2012). Sea ice change and cruise ship tourism in Arctic Canada's Northwest Passage: implications for local communities. *Polar Geography*, 36(1-2): 142-162.
6. **Pearce T**, Ford J, Caron A and Kudlak, BP (2012). Climate change adaptation planning in remote, resource-dependent communities: An Arctic example. *Regional Environmental Change*, 12: 825-837.
7. Ford J, Bolton KC, Shirley J, **Pearce T**, Tremblay M and Westlake M. (2012). Research on the Human Dimensions of climate change in Nunavut, Nunavik, and Nunatsiavut: a literature review and gap analysis. *Arctic*, 65(3): 289-304.
8. Ford J and **Pearce T** (2012) Climate change vulnerability and adaptation research focusing on the Inuit subsistence sector in Canada: Directions for future research. *The Canadian Geographer: 13p*.

9. Ford J, Bolton K, Shirley J, **Pearce T**, Tremblay M and Westlake M. (2012). Mapping human dimensions of climate change research in the Canadian Arctic. *Ambio*, 41: 808-822.
10. **Pearce T**, Wright H, Notaina R, Kudlak A, Smit B, Ford J and Furgal C (2011) Transmission of environmental knowledge and land skills among Inuit men in Ulukhaktok, Northwest Territories, Canada. *Human Ecology*, 39: 271-288.
11. **Pearce T**, Ford J, Duerden F, Smit B, Andrachuk M, Berrang-Ford L and Smith T (2011) Advancing adaptation planning for climate change in the Inuvialuit Settlement Region (ISR): A review and critique. *Regional Environmental Change*, 11(1): 1-17.
12. **Pearce T**, Ford J, Prno J, Duerden F, Pittman J, Beaumier M, Berrang-Ford L and Smit B (2011) Climate change and mining in Canada. *Mitigation and Adaptation Strategies for Global Change*, 16(3): 347-368.
13. Prno J, Wandel J, **Pearce T**, Bradshaw B, Smit B and Tozer L (2011) Community vulnerability to climate change in the context of other risks in Kugluktuk, Nunavut. *Polar Research*. Vol 30. DOI: 10.3402/polar.v30i0.7363
14. Ford JD, **Pearce T**, Prno J, Duerden F, Berrang-Ford L, Smith T, Beaumier M (2011) Canary in a coal mine: perceptions of climate change risks and response options among Canadian mine operations. *Climatic Change*, 109: 399-415.
15. **Pearce T**, Notaina R, Wright H, Kudlak A, Ford J and Smit B (2010) Transmission of environmental knowledge and land skills in adaptation planning for climate change in the Arctic. *Meridian (Spring/Summer 2010)*: 6-11.
16. **Pearce T**, Smit B, Duerden F, Ford J, Goose A and Kataoyak F (2010) Inuit vulnerability and adaptive capacity to climate change in Ulukhaktok, Northwest Territories, Canada. *Polar Record*. 46(237): 157-177.
17. **Pearce T** and Andrachuk A (2010) Vulnerability and adaptation to climate change in two communities in the Inuvialuit Settlement Region. In: Hovelsrud G. and Smit B (eds.) CAVIAR: Community Adaptation and Vulnerability in Arctic Regions, Springer: 63-81.
18. **Pearce T**, Ford J, Laidler G, Smit B, Duerden F, Allarut M, Andrachuk M, Baryluk S, Dialla A, Elee P, Goose A, Ikummaq T, Inuktalik R, Joamie E, Kataoyak F, Loring E, Meakin S, Nickels S, Scott A, Shappa K, Shirley J and Wandel J (2009) Community research collaboration in the Canadian Arctic. *Polar Research*, 28: 10-27.
19. Ford J, **Pearce T**, Duerden F, Furgal C and Smit B (2010) Climate change policy responses for Canada's Inuit population: The importance of and opportunities for adaptation. *Global Environmental Change*, 20(1): 177-191.
20. Ford J and **Pearce T** (2010) What we know, do know know, and need to know about climate change vulnerability in the western Canadian Arctic: A systematic literature review. *Environmental Research Letters*, 5: 9pp.
21. Ford J, **Pearce T**, Prno J, Duerden F, Berrang Ford L, Beaumier M, Smith T and Marshall D (2010) Perceptions of climate change risks in primary resource use industries: A survey of the Canadian mining sector. *Regional Environmental Change*, 10: 65-81.

22. Ford J, Keskitalo C, Smith T, **Pearce T**, Berrang-Ford L and Smit B (2010) Case study and analogue methodologies in climate change vulnerability research. *Wiley Interdisciplinary Reviews*. DOI: 10.1002/wcc.48
23. Ford J, **Pearce T**, Gilligan J, Smit B and Oakes J (2008) Climate change and hazards associated with ice use in northern Canada. *Arctic and Alpine Research*, 40(4): 647-659.
24. Ford J, **Pearce T**, Smit B, Wandel J, Allurut M, Shappa K, Ittusujurat H and Qrunnut K (2007) Reducing vulnerability to climate change in the Arctic: The case of Nunavut, Canada. *Arctic*, 60(2): 150-166.
25. Wandel J, Smit B, **Pearce T** and Ford J (2011) Science and indigenous knowledge in resource management in the Canadian Arctic. In: Kasperson Roger E and Berberia, M (eds.) *Integrating Science and Policy: Vulnerability and Resilience in Global Environmental Change*, Earthscan, London: 291-306.

*In Press*

26. Lemmen D, Johnston M, Ste-Marie C and **Pearce T** (In Press) Chapter 3: Natural Resources. *Climate Change Adaptation National Assessment Report*. Natural Resources Canada.
27. Carter B, Thok S, O'Rourke V and **Pearce T** (In Press). Sustainable tourism in Cambodia: a systematic literature review. *Journal of Sustainable Tourism*.

*In Review*

28. **Pearce T**, Ford J, Cunsolo Willox, A and Smit B (In Review). Inuit Traditional ecological knowledge in adaptation to climate change in the Canadian Arctic. *Arctic*.
29. **Pearce T** and Smit B (In Review). Public health issues related to food security and climate change in Canada. *Environmental Health Perspectives*.
30. McCubbin S, Smit B and **Pearce T** (In Review). Vulnerability and adaptation to climate change and other stresses in Tuvalu. *Climate and Development*.
31. Cunsolo Willox, **Pearce T**, et al. (In Review). Examining Relationships between Climate Change and Mental Health in the Circumpolar North: An Emerging Priority? *Regional Environmental Change*.
32. Berrang-Ford, **Pearce T** and Ford J. (In Review). Systematic Review Approaches for Global Environmental Change Research. *Regional Environmental Change*.

*Non-Refereed*

- **Pearce T**, Ford J, Smit B, Duerden F, Furgal C, Dawson J and Bradshaw B (2013) Part IV Factors of Adaptation: climate change policy responses for Canada's Inuit. In: (G Stern ed) *ArcticNet IRIS I Regional Impact Assessment*. ArcticNet, Laval University, Canada.
- **Pearce T** (2011) Transmission of environmental knowledge and land skills in adaptation to climate change in the Arctic. Ph.D. Dissertation, Department of Geography, College of Social and Human Applied Sciences, University of Guelph.

- **Pearce T** (2009) Generation and transmission of environmental knowledge and land skills in adaptation to climate change in the Arctic. In: Heininen L and Laine K (eds). *Seeking Balance in a Changing North*. Anchorage, Alaska: Northern Research Forum.
- **Pearce T**, Smit B, Duerden F, Kataoyak F, Inuktalik R, Goose A, Ford J and Wandel J (2008) Travel routes, harvesting and climate change in Ulukhaktok, Canada. In: Heininen, L. and Laine, K. (eds). *The Borderless North*. Pg. 56-64. Oulu, Finland: The Thule Institute, University of Oulu and Northern Research Forum.
- **Pearce T**, Ford J, Prno J, Duerden F, Berrang-Ford L and Marshall D (2008) Stormy days ahead: Weather changes pose many threats to mining industry. *The Canadian Mining Journal*. September 2008: 4pp.
- Ford J, **Pearce T**, Duerden F, Prno J and Marshall D (2008) Climate change impacts on the Canadian mining sector. *The Canadian Mining Journal*. April 2008: 4pp.
- **Pearce T**, Prno J, Ford J, Duerden F and Marshall D (2008) Climate change and the Canadian mining sector: Risks and responses. *Mining & Quarry World*, Volume 5, issue 3, September 2008.
- Ford J and **Pearce T** (2007). Planning for climate change in the mining sector. *The Canadian Mining Journal*. April 2007: 5pp.
- **Pearce T** (2006) Vulnerability and adaptation to environmental change in Ulukhaktok. MA Thesis, Department of Geography, College of Social and Human Applied Sciences, University of Guelph.

#### *Industry, Government and Community Reports*

- Pittman, J., **Pearce, T.** and Ford, J. (2013). Adaptation to climate change and potash mining in Saskatchewan: Case study from the Qu'Appelle River Watershed. Ottawa, ON: Report submitted to Climate Change Impacts and Adaptation Division, Natural Resources Canada, 19p.
- Duerden, F., **Pearce, T.**, Ford, J., Pittman, J., Kinnear, L. and Perrin, A. (2014). Case studies of adaptation to climate change in the Yukon mining sector: From planning and operation to remediation and restoration. Ottawa, Ontario: Report submitted to Climate Change Impacts and Adaptation Division, Natural Resources Canada, p.22.
- Smit B and **Pearce T** (2012) Public health issues related to food security and climate change in Canada. Public Health Agency of Canada. 62p.
- **Pearce T**, Notaina R, Kudlak A and Wright H (2010) Transmission of environmental knowledge and land skills among men in Ulukhaktok. Research Findings Report to the Community of Ulukhaktok. May 2010. ISBN: 978-09865908-3-2
- **Pearce T**, Ford J, Caron A, Prno J and Smith T (2010) Climate change adaptation action plan, Ulukhaktok, Northwest Territories. Guelph, Ontario. Joint publication of the Community of Ulukhaktok and ArcticNorth Consulting: 51pp. ISBN: 0-9865908-0-1
- **Pearce T**, Ford J, Caron A, Prno J and Smith T (2010) Climate change adaptation action plan, Paulatuk, Northwest Territories. Guelph, Ontario. Joint publication of the Community of Paulatuk and ArcticNorth Consulting: 53 pp. ISBN: 0-9865908-0-8



- **Pearce T**, Ford J, Duerden F and Smith T (2009) Climate change vulnerability and adaptation in the Inuvialuit Settlement Region (ISR): A systematic literature review and gap analysis. Prepared for: *Department of Indian and Northern Affairs Canada (INAC) Climate Change Adaptation Program*. Guelph, Ontario, Canada: 144pp. ISBN: 978-0-9865908-2-5
- **Pearce T**, Ford J, Prno J and Duerden F (2009) Climate change impacts and adaptations in the Canadian mining sector. Prepared for: *David Suzuki Foundation Climate Change Program*. Guelph, Ontario, Canada: 159pp.
- **Pearce T** and Kudlak A (2007) Arctic community vulnerability and adaptation to environmental change. Report presented to *ConocoPhillips Arctic Environmental Knowledge Sharing Seminar*, Kananaskis, Alberta, Canada. 14-18 October 2007.
- IPCC (2007) Intergovernmental Panel on Climate Change (IPCC) Fourth Assessment Report. **Contributing Author** to Working Group II, Chapter 17: Assessment of Adaptation Practices, Options, Constraints, and Capacity.
- **Pearce T**, Ford J and Smit B (2007) How is climate change affecting the north; and how is it changing the way business is done? Paper presented to the Canadian Institute's Arctic Logistics for Energy and Mining Project Development, Calgary, Alberta, Canada. 4-5 June 2007.
- **Pearce T**, Community of Ulukhaktok, Smit B, Ford J, Bradshaw B (2006) Assessing community vulnerability in the Inuvialuit Settlement Region (ISR). Report and oral presentation to the Beaufort Sea Strategic Regional Plan of Action (BSSTrPA) Planning Committee, Inuvik, NWT, March 28-30, 2006. *Sub-Consultant Terriplan Consulting, Yellowknife, Canada*.
- **Pearce T**, Goose A, Kataoyak F, Inuktalik R, Smit B, Duerden F and Beasley E (2006) Managing change in Ulukhaktok: research findings report to the Community of Ulukhaktok. June 2006.

#### *Conference Proceedings*

**Papers presented at major national and international conferences** including, International Congress of Arctic Social Sciences (ICASS), American Association of Geographers (AAG), and International Polar Year (IPY)

- **Pearce T** (2013) Vulnerability and adaptation to climate change across the Circumpolar North. Presentation to the Arctic Communities in a Changing Climate 2013 Workshop, Tromso, Norway, 29-31 May 2013.
- James D. Ford; Knight M; and **Pearce T** (2013) 'Usable science' and climate change research conducted during the Canadian International Polar Year. Presentation to the ArcticNet Annual Scientific Meeting, Halifax NS, 9-13 December 2013.
- **Pearce T**; Stephenson E; Kaodlak S; Akhiatak D; Kudlak A; Nakoneczny L; Ford J (2013) Nunamin Illihakvia: *Learning from the land*. Poster presentation to the ArcticNet Annual Scientific Meeting, Halifax NS, 9-13 December 2013.
- Jasiuk L and **Pearce T** (2013). Inuit Traditional Knowledge and Adaptation to the Health Effects of Climate Change. Poster presentation to the ArcticNet Annual Scientific Meeting, Halifax NS, 9-13 December 2013.

- Parker C and **Pearce T** (2013) Vulnerability of Inuit Food Systems to Climate and Socio-Economic Changes. Poster presentation to the ArcticNet Annual Scientific Meeting, Halifax NS, 9-13 December 2013.
- Lalonde G and **Pearce T** (2013) Perceptions of Learning Success among younger generation Inuit in Ulukhaktok, NWT, Canada. Poster presentation to the ArcticNet Annual Scientific Meeting, Halifax NS, 9-13 December 2013.
- Schindler R; **Pearce T**; Kudlak A (2013) Can film be used to communicate the value and importance of subsistence hunting for Inuit in the Canadian Arctic to non-Indigenous populations? Poster presentation to the ArcticNet Annual Scientific Meeting, Halifax NS, 9-13 December 2013.
- Ellie Stephenson; **Pearce T**; Ford J (2013) A critical analysis of the formalization of Inuit traditional knowledge and skills. Poster presentation to the ArcticNet Annual Scientific Meeting, Halifax NS, 9-13 December 2013.
- **Pearce T**, Cunsolo Willow A, Ford J, Furgal C, Harper S, Mauro I, Chatwood S, Jasiuk L (2012) IK-ETHICS: Considerations for documenting and disseminating Inuit knowledge using multi-media platforms. Poster presented to the ArcticNet Annual General Meeting, Vancouver, B.C. Canada, 11-14 December 2012.
- Ford J, Cunsolo Willow A, Chatwood S, Furgal C, Harper S, Mauro I and **Pearce T** (2012) IK-ADAPT: Mobilizing Inuit traditional knowledge for adapting to the health effects of climate change. Poster presented to the ArcticNet Annual General Meeting, Vancouver, B.C. Canada, 11-14 December 2012.
- **Pearce T** (2012) Nauvikhaq – ‘a place to grow’: An Oral History Database in Ulukhaktok, Canada. International Polar Year (IPY) Conference, From Knowledge to Action, Montreal, Quebec, Canada, 22-27 April 2012.
- **Pearce T** (2012) Policy Responses for Canada’s Inuit Populations: the Importance of and Opportunities for Adaptation. International Polar Year (IPY) Conference, From Knowledge to Action, Montreal, Quebec, Canada, 22-27 April 2012.
- **Pearce T** (2011) Advancing Adaptation Planning for Climate Change in the Western Canadian Arctic. Paper presented to UNU-IAS Indigenous Peoples, Marginalized Populations and Climate Change, Mexico City, Mexico, 19-21 July 2011.
- **Pearce T** (2011) Transmission of Environmental Knowledge and Land Skills Among Inuit Men in Ulukhaktok, Northwest Territories, Canada. Paper presented to the International Congress of Arctic Social Sciences (ICASS VII), Akureyri, Iceland, 22-26 June 2011.
- **Pearce T and Smit B (2011)** Community Collaboration and Climate Change Research. Poster presented to the University of Guelph Partnership Practices: Working with Community, Industry and Government, Guelph, Ontario, Canada, 01 March 2011.
- **Pearce T** (2011) Adapting to Climate Change in the Arctic: Stories of Living and Working with Copper Inuit. Environmental Science Symposium, Guelph, Ontario, Canada, 29 January 2011.
- **Pearce T** (2010) Skills Transmission and Inuit Adaptation to Climate Change. Paper presented to the ArcticNet Annual General Meeting, Ottawa, Ontario, Canada, 14-17 December 2010.

- **Pearce T** (2010) Inuit Vulnerability and Adaptive Capacity to Climate Change in Ulukhaktok, Northwest Territories, Canada. Paper presented to the International Polar Year Oslo Science Conference, Oslo, Norway, 8-12 June 2010.
- **Pearce T** and Andrachuk M (2010) Community Vulnerability and Adaptation in the Inuvialuit Settlement Region: Comparative Results from Ulukhaktok and Tuktoyaktuk. Poster presented to the International Polar Year Oslo Science Conference, Oslo, Norway, 8-12 June 2010.
- **Pearce T**, Notaina R, Kudlak A, Wright H and Smit B (2009). Generation and Transmission of Environmental Knowledge and Land Skills in Adaptation to Climate Change in Ulukhaktok, NWT. Paper presented to the ArcticNet Annual General Meeting, Victoria, British Columbia, Canada, 8-11 December 2009.
- **Pearce T**, Ford J, Duerden F, Smit B, Andrachuk M, Smith T and Berrang-Ford L (2009) Adaptation Planning for Climate Change in the Inuvialuit Settlement Region (ISR): A Review and Critique. Poster presented to the ArcticNet Annual General Meeting, Victoria, British Columbia, Canada, 8-11 December 2009.
- **Pearce T** and Smit B (2009) Interdisciplinarity in Academics: aka how to build a bicycle. Round Table Presentation, Interdisciplinarity: Challenges of Translation and Co-existence. Psychogeography Conference, Psychogeographies of Possibility: Re-imagining Spaces in Critical Times. Guelph, Ontario, Canada, 7 November 2009.
- **Pearce T** (2008) Adaptation to Climate Change in the Arctic: knowledge transmission and information exchange among Inuit in an arctic community. Paper presented to Arctic Change Conference, Quebec City, Quebec, Canada, 9-12 December 2008.
- **Pearce T** (2008) Inuit Adaptation to Climate Change and the Role of Knowledge Transmission and Information Exchange. Presentation to Association of Canadian Universities for Northern Studies (ACUNS) Annual General Meeting, Ottawa, Canada, 24 October 2008.
- **Pearce T** (2008) Adaptation to Climate Change in the Arctic: knowledge transmission and information exchange among Inuit in an arctic community. Paper presented to the 5<sup>th</sup> Northern Research Forum Open Meeting – Seeking Balance in a Changing North, Anchorage, Alaska, 24-27 October 2008.
- **Pearce T** (2008) Community Collaboration and Environmental Change Research in the Canadian Arctic. Paper presented to the 6<sup>th</sup> International Congress of Arctic Social Sciences (ICASS VI) Session 10.02: Voices from the field, voices of the field. Conducting fieldwork in the northern areas. Nuuk, Greenland, 22-26 August 2008.
- **Pearce T** (2008) Community Adaptation to Climate Change in Ulukhaktok, Canada. Paper presented to the 6<sup>th</sup> International Congress of Arctic Social Sciences (ICASS VI). Session 11.01: Early Career Scientist Workshop. Nuuk, Greenland, 22-26 August 2008.
- **Pearce T** and Smit B (2008) Community Resilience and Adaptation to Climate Change in Ulukhaktok, Canada. Poster presented to Resilience 2008: International Science and Policy Conference, Stockholm, Sweden, 14-17 April 2008.
- **Pearce T**, Akhoaksion JJ, Bryant C, Duerden F, Ford J, Inuktalik D, Inuktalik K, Inuktalik R, Irish B, Joss P, Kataoyak F, Kataoyak H, Kudlak E, Lebourdais M, Memogana J, Nigiyok S, Ogina G, Okheena T, Omingmak G, Smit B (2007) Inuvialuit Youth and Environmental Change Research in

Ulukhaktok. Poster presented to the ArcticNet Annual General Meeting, Collingwood, Ontario, Canada, 11-14 December 2007.

- **Pearce T** and Ford J (2007) Planning for Climate Change in Atlin, British Columbia. Presentation to the Atlin Climate Change Adaptation Workshop, C-CIARN North and the Northern Climate Exchange, Whitehorse, YK, Atlin, B.C., 27-31 March, 2007.
- **Pearce T**, Smit B, Ford J, Memogana J, Okheena T, Omingmak G, Kataoyak H, Kataoyak F, Akoakhion J Jr, Nigiyok S, Inuktalik R, Inuktalik K, Bryant C, Lebourdais M and Wandel J (2007) Inuvialuit Youth and Adaptation to Climate Change. Paper Session: Indigenous People and Climate Change in Canada, American Association of Geographers (AAG) 2007 Annual Meeting, San Francisco, California, USA, 17-21 April 2007.
- **Pearce T** (2006) Community-based Research: *Why and How?* Fieldwork Symposium – Challenges and Opportunities in Field Research: Lessons from Faculty and Graduate Research in Cross-Cultural Contexts, Student Panel. Wilfred Laurier University, Waterloo, Ontario, Canada, 13 November 2006.
- **Pearce T**, Smit B, Ford J, Wandel J, Duerden F, Laidler G, Kataoyak F, Goose A, Shappa K, Andrachuk M (2006) Environmental Change and Adaptive Capacity in Arctic Communities: An Integrative Approach. Presentation to the ArcticNet Annual Meeting, 12-15 Dec. 2006, Victoria, British Columbia, Canada.
- **Pearce T** (2006) Travel Routes, Harvesting and Climate Change in Ulukhaktok, Canada. Paper presented to the 4th Northern Research Forum Open Meeting – The Borderless North, Oulu, Finland and Lulea, Sweden, 5-8 October, 2006.
- **Pearce T**, Smit B, Duerden F, Ford J, Wandel J, Kataoyak F, Inuktalik R, Goose A, Okheena G, Community of Ulukhatok (2006) Living With Climate Change in Ulukhaktok. Poster and paper presented to the Coastal Zone Canada 2006 Conference – Arctic Change and Coastal Communities, Tuktoyaktuk, Northwest Territories, Canada, 14-18 August 2006.
- **Pearce T**, Smit B, Ford J, Wandel J, Andrachuk M, Collings P, Gowans B, Kataoyak F and Inuktalik R (2006) Inuvialuit Youth and Adaptation to Climate Change. Poster and paper presented to the Coastal Zone Canada 2006 Youth Forum – Arctic Change and Coastal Communities, Tuktoyaktuk, Northwest Territories, Canada, 11-13 August 2006.
- **Pearce T** and Kataoyak F (2005) Community-Research Collaboration in the Arctic. Paper presented to the ArcticNet Annual General Meeting Student Day, Banff, Alberta, Canada., 12 December 2005.
- **Pearce T**, Loring E, Baryluk S, Duerden F, Ford J, Goose A, Inuktalik R, Kataoyak F, Laidler G, Okheena G, Shappa K, Smit B and Wandel J (2005) Community Research Collaboration in the Arctic. Poster presented at ArcticNet Annual General Meeting, Banff, Alberta, Canada, 13-16 December 2005.
- **Pearce T**, Katooyak F, Inuktalik R, Goose A, Smit B, Duerden F and Beasley E (2005). Living with Climate Change in Ulukhaktok. Poster presented at ArcticNet Annual General Meeting, Banff, Alberta, Canada, 13-16 December 2005.
- **Pearce T**, Smit B, Duerden F, Kataoyak F, Inuktalik R and Goose A (2005) Living with Climate Change: Community-Based Vulnerability Research. Poster presented at the Second International Conference on Arctic Research Planning (ICARP II), Copenhagen, Denmark, 10-12 November 2005.

- **Pearce T** (2005) Managing Change: Environmental Change, Risks and Infrastructure in Ulukhaktok (Holman, NT). Poster presented at the Rapid Landscape Change and Human Responses in the Arctic and Sub-Arctic, Whitehorse, Yukon Territory, 15-17 June 2005.
- **Pearce T** (2004) Community Vulnerability and Adaptive Capacity: Managing Coastal Resource Risks Associated With Climate Change. Poster presented at ArcticNet Annual General Meeting, Quebec City, Quebec, Canada, 5-8 December 2006.

#### *Popular Press*

- **Pearce T** (2014) Nunamin Illihakvia: Learning from the Land. Tusaayaksat, February edition.
- **Pearce T** (2014) Nunamin Illihakvia, Learning from the Land: Sharing Inuit knowledge and skills for winter seal hunting and sewing. Inuktitut Magazine.
- **Pearce T**, Ford J and Westlake M (2007) Planning for a Changing Climate: Lessons from the North. Organic Earth Magazine, Spring Edition.
- **Pearce T** (2007) Forests, Carbon and Climate Change. Friends of Clayoquot Sound, Fall/Winter Newsletter: 3.
- **Pearce T** (2005) Living with Climate Change in Ulukhaktok (Holman, NT). Weathering Change – Publication of the Northern Climate Exchange, Summer/Fall 2005.

#### *Media Outreach*

- Smit B and **Pearce T** (2010) Inuit Lives and Diet Changes as Ice Shifts. CNN Interview with Catriona Davies, 30/12/2010.
- Smit B and **Pearce T** (2010) The Science of Climate Change is Alive and Well. Toronto Star, 7/25/2010.
- **Pearce T** and Kudlak A (2010) Climate Change Adaptation Action Planning in Ulukhaktok, NWT. CBC Radio – Yellowknife, the Trailbreaker. Interviewer: Joslyn Oosenbrug. 11 May 2010.
- **Pearce T** and Ford J (2010) Inuit See What's Happening to Arctic Sea Ice. Kitchener Record, 08/04/2010.
- **Pearce T** and Notaina R (2010) Climate Change Impacts and Adaptation in Ulukhaktok, Northwest Territories. CKLB Radio, Ends of the Earth with Kirsten Murphy. 15 February 2010. Available: <http://www.ncsnwt.com/audiolibrary.html>
- **Pearce T** (2010) Adaptation Planning for Climate Change. CBC Daybreak, Prince George. Interviewer: Chris Walker. 07 January 2010.
- Ford J, Berrang-Ford L and **Pearce T** (2008) Climate change – unlike the financial crisis- is a long-haul crisis. Montreal Gazette, 8/12/2008.

- Ford J, **Pearce T** and Berrang-Ford L (2007) Climate Change seems to be Inevitable. Kitchener Record, 21/11/2007: A15.
- Ford J, Berrang-Ford L and **Pearce T** (2007) Canada Must Be Climate Change Leader. Guelph Mercury, 02/11/2007: A11.
- **Pearce T**, Okheena T, Memogana J and Omingmak G (2007) Inuvialuit Youth Perspectives on Adaptation to Climate Change in Ulukhaktok. CBC North (radio). Interview with Lorne McGinnis. 12 March 2007.
- **Pearce T** (2006). RE: An Open Letter to Premier Gordon Campbell from Concerned Environmental Scientists. CBC National Radio News. Interviewer: Curt Petrovich. 24 May 2006.
- **Pearce T** and Ford J (2007) Adapting to Climate Change. Toronto Star, 04/04/07.
- **Pearce T** and DeSantis R (2007) Warm Lessons from the North. Toronto Star, 08/02/07: A20.
- **Pearce T** and DeSantis R (2007) Climate Change Lessons from the North. Guelph Mercury, 08/02/07: A11.
- **Pearce T** and Ford J (2006) B.C. Government Fails to Heed Warnings. Guelph Mercury Newspaper, 01 June 2006: A11.
- **Pearce T** (2006) Planned B.C. Highway Threatens Rare Ecosystem. Toronto Star, 27 May 2006.
- **Pearce T** and Kataoyak F (2006) Community Vulnerability and Climate Change Research in Ulukhaktok, Northwest Territories. CFRU 93.3FM, Campus and Community Radio – Guelph, Ontario, Canada, Going Global. Interviewers: Heidi Braun and April Pojman. 03 February 2006.
- **Pearce T** and Kataoyak F (2006) Local People Involved in Climate Change Research in Ulukhaktok. CBC Radio North – Inuvik, Northwind – reports on daily events from communities across the Northwest Territories and around the world. 8 January 2006.

#### *Invited Presentations*

- **Pearce T** (2013) Inuit traditional knowledge and adaptation to climate change in the Canadian Arctic. Faculty of Arts and Business (FAB) Speaker Series Presentation, University of the Sunshine Coast, Queensland, Australia. 13 March 2013.
- **Pearce T** (2010) Adaptation to a Changing Climate: Living and Working with Copper Inuit. Presentation to the Environmental Science Symposium, The Changing Arctic: Past, Present and Future, University of Guelph, Guelph, Ontario, Canada. 29 January 2011.
- **Pearce T** (2010) Adapting to a Changing Climate. Geography 3020, Global Environmental Change, Department of Geography, University of Guelph. Guelph, Canada. November 11, 2010.
- **Pearce T** (2010) Living with Climate Change in the Arctic. Natural Resources and Environmental Studies Institute (NRES) Colloquium Series, University of Northern British Columbia (UNBC). Prince George, British Columbia, 08 January 2010.

- **Pearce T** (2009) Life in the Arctic under a Changing Climate. Geography 3020, Global Environmental Change, Department of Geography, University of Guelph. Guelph, Canada. November 24, 2009.
- **Pearce T** (2009) Climate Change and Canadian Mining: Opportunities for Adaptation. Department of Geography, Concordia University. Montreal, Canada, 17 November, 2009.
- **Pearce T** and Ford J (2007). Integration in the CAVIAR Framework. CAVIAR, International Polar Year Workshop. Oslo, Norway, 10-12 October, 2007.
- **Pearce T** (2007) The Concept of Landscape in Geography. Guest Lecture for Geography 4880 – Contemporary Geographic Thought. University of Guelph, Ontario, 18 March 2008.
- **Pearce T** (2007). Pipelines, TEK and Impacts. Guest Lecture for Environmental Science 4220: Environmental Impact Assessment. University of Guelph, Ontario, 3 March 2008.
- **Pearce T** (2007) Climate Change in Arctic Canada. Guest Lecture for Geography 1350: Earth: Hazards and Global Change. University of Guelph, Guelph, Ontario, 27 February 2007.
- **Pearce T** (2007) International Polar Year (IPY) and Climate Change. Guest Lecture for Geography 3060: Management of the Biophysical Environment. University of Guelph, Guelph, Ontario, 12 January 2007.
- **Pearce T** (2007). Climate Change in the Arctic. Guest Lecture for Geography 3020: Global Environmental Change. University of Guelph, Guelph, Ontario, 12 January 2007.
- **Pearce T** (2006). Climate Change and Effects in the Arctic. Guest Lecture, Prince George Secondary School, Prince George, British Columbia, Canada, 18 December 2006.
- **Pearce T** (2006). Conducting Graduate Field Work: Experiences from the Arctic. Guest Lecture for Geography 2260: Applied Human Geography. University of Guelph, Ontario,
- **Pearce T** (2006). Climate Change in the Arctic. Guest Lecture, Preston High School, Cambridge, Ontario, Canada, 13 May 2006.
- **Pearce T**, Ford J, Smit B, Duerden F, Kataoyak F, Inuktalik R and Goose A (2006) Living with Climate Change: Assessing Vulnerability in an Arctic Community. Guest Lecturer, Department of Geography, Memorial University, St. Johns, Newfoundland, Canada. 24 March 2006.

#### RESEARCH INVOLVEMENT

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- **Indigenous Research Cluster**, Sustainability Research Centre, University of the Sunshine Coast, Queensland, Australia. 2012-present
- **ArcticNet** (Network Centre of Excellence): Team member on project ‘Adaptation in a Changing Arctic: Ecosystems Services, Communities and Policy.’ 2004-present *Role: Post-Doctoral Associate*
- **Northern Research Forum** (NRF) Member since 2008
- **International Arctic Social Sciences Association** (IASSA): Member since 2006

- **International Polar Year (IPY):** Team member on project ‘CAVIAR (Community Adaptation and Vulnerability in Arctic Regions).’ 2008-2010 *Role: Student*

#### PROFESSIONAL AND PUBLIC SERVICE

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- Reviewer of journal articles: *Canadian Geographer; PNAS; Journal of Circumpolar Health; Polar Record; Polar Research; Global Environmental Change; Environment and Society; Northern Review; Human Ecology; Mitigation and Adaptation Strategies for Global Change; Environmental Politics; Arctic; Climatic Change; Regional Environmental Change; Ecology and Society*
- Northern Research Forum (NRF) Young Researchers Network (2006–2011)
- ArcticNet Student Association - member and past board member (2005-2011)

#### LANGUAGE SKILLS

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- English (*First*)
- Inuinnaqtun (*Beginner*)
- Swedish (*Swedish Language Proficiency Certificate, Vaxjo University, Sweden, May 2002*)
- French (*Working knowledge*)

#### WEBSITES

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- <http://www.usc.edu.au/university/faculties-and-divisions/faculty-of-arts-and-business/staff/dr-tristan-pearce>
- [http://www.uoguelph.ca/geography/people/adjunct\\_pearce.shtml](http://www.uoguelph.ca/geography/people/adjunct_pearce.shtml)
- [www.ikadapt.ca](http://www.ikadapt.ca)