

IGOR LEHNHERR

Dept. of Geography
University of Toronto-Mississauga
3359 Mississauga Rd.
Mississauga, ON, L5L 1C6
Email: igor.lehnherr@utoronto.ca
www.igorlehnherr.weebly.com

CAREER AND EDUCATION

ASSISTANT PROFESSOR

2014-

Department of Geography, University of Toronto-Mississauga

POSTDOCTORAL FELLOW

2012-2014

W. Garfield Weston fellow in Northern Research, Department of Earth and Environmental Sciences, University of Waterloo, Ontario; Advisor: Dr. S.L. Schiff

PROJECT COORDINATOR

2011

Department of Biological Sciences, University of Alberta, Edmonton, and Department of Earth and Environmental Sciences, University of Waterloo, Ontario; Advisors: Drs. D.W. Schindler and S.L. Schiff

DOCTORATE OF PHILOSOPHY IN ENVIRONMENTAL BIOLOGY

2004-2011

Department of Biological Sciences, University of Alberta, Edmonton
Dissertation: *Production and Cycling of Methylated Mercury Species in High Arctic Freshwater and Marine Ecosystems*; Advisor: Dr. V.L. St. Louis

BACHELOR OF SCIENCE (Double Major in Chemistry and Biology)

1999-2003

Departments of Chemistry and Biology, University of Victoria, British Columbia
Senior project: *Synthesis and Characterization of Silanol Complexes of Zirconium*;
Advisor: Dr. D.J. Berg

CERTIFICATE OF SCIENCE

1998-1999

Faculty of Arts and Science, Yukon College, Whitehorse, Yukon Territory

PUBLICATIONS

Lifetime journal publication statistics (*Google Scholar*): Total citations – 702; Average citations per article – 33.4; H-Index – 15 (*as of April 2017*)

Refereed Publications (*published or accepted; 2015 and 5-year impact factors (IF) included in parentheses*):

1. Emmerton, C., V. St.Louis, **I. Lehnherr**, J. Graydon, J. Kirk and K. Rondeau. 2016. The net exchange of carbon greenhouse gases with freshwater systems in a High Arctic watershed. *Biogeosciences*, 13: 5849-5863 (IF: 3.7, 5-Year IF: 4.5)
2. Soerensen, A., D. Jacob, A. Schartup, J. Fisher, **I. Lehnherr**, V. St.Louis, L.-E. Heimbürger, J. Sonke, E. Sunderland. 2016. A Mass Budget for Mercury and Methylmercury in the Arctic Ocean. *Global Biogeochemical Cycles* 30: 10.1002/2015GB005280 (IF: 4.5, 5-Year IF: 5.3).
3. **Lehnherr, I. (lead author)** and 17 others. 2016. Processes Contributing to the Net Production of Methylmercury in Canadian Freshwater Ecosystems. Ch. 6. In: Canadian Mercury Assessment Report, Ed. A. Steffen. Environment Canada, Clean Air Regulatory Agenda Mercury Science Program.
4. St.Pierre, K.A., V. St.Louis, J. Kirk, **I. Lehnherr**, S. Wang, C. La Farge. 2015. The importance of open marine waters to the enrichment of total mercury and monomethylmercury in lichens in the Canadian High Arctic. *Environmental Science & Technology*, 49: 5930-5938 (**Featured on “Quirks & Quarks”, CBC Radio**; IF: 5.4, 5-Year IF: 6.4).
5. Steffen A., **I. Lehnherr**, A. Cole, P. Ariya, A. Dastoor, D. Durnford, J. Kirk, M. Pilote. 2015. Atmospheric Mercury in the Canadian Arctic. Part I: A review of recent field measurements. *Science of the Total Environment*, 509-510: 3-15 (IF: 4.0, 5-Year IF: 4.3).
6. Dastoor A., A. Ryzhkov, D. Durnford, **Lehnherr, I.**, A. Steffen. 2015. Atmospheric Mercury in the Canadian Arctic Part II: Insight from Modeling. *Science of the Total Environment*, 509-510: 16-27.
7. Chételat, J. and 22 others, including **I. Lehnherr**. 2015. Mercury in freshwater ecosystems of the Canadian Arctic: Recent advances on its cycling and fate. *Science of the Total Environment*, 509-510: 41-66.
8. Braune, B. and 18 others, including **I. Lehnherr**. 2015. Mercury in the marine environment of the Canadian Arctic: A review of recent data. *Science of the Total Environment*, 509-510: 67-90.
9. Baya, P.A., M. Gosselin, **I. Lehnherr**, V.L. St. Louis and H. Hintelmann. 2015. Determination of monomethylmercury and dimethylmercury in the Arctic lower atmosphere. *Environmental Science & Technology*, 49: 223-232.
10. Kirk, J.L., D.C.G. Muir, A. Gleason, X. Wang, R. Frank and **I. Lehnherr**. 2014. Atmospheric deposition of mercury and methylmercury to landscapes and waterbodies of the Athabasca Oil

Sands Region. *Environmental Science & Technology*, 48: 7374-7383. (*American Chemical Society Editor's Choice*)

11. Emmerton, C.A., V.L. St. Louis, **I. Lehnherr**, E.R. Humphreys, E. Rydz, and H. Kosolofski. 2014. Net exchange of methane with high Arctic landscapes during the summer growing season. *Biogeosciences*, 11: 3095-3106.
12. **Lehnherr, I.** 2014. Methylmercury biogeochemistry: A review with special reference to Arctic aquatic ecosystems. *Environmental Reviews*, 22: 229-243. (*Editor's Choice*; IF: 4.6, 5-Year IF: 4.3)
13. Kirk, J. L., **I. Lehnherr (co-lead author)**, M. Andersson, B. Braune, L. Chan, A. P. Dastoor, D. Durnford, A. L. Gleason, L. L. Loseto, A. Steffen, and V. L. St. Louis. 2012. Mercury in Arctic marine environments: sources, pathways and exposure. *Environmental Research*, 119: 64-87. (IF: 4.4, 5-Year IF: 4.2)
14. **Lehnherr, I.**, V. L. St. Louis, C. A. Emmerton, J. D. Barker and J. L. Kirk. 2012. Methylmercury cycling in high Arctic wetlands: sources and sinks. *Environmental Science & Technology*, 46: 10514-10522. (*Featured on the cover of ES&T*)
15. **Lehnherr, I.**, J. L. Kirk and V. L. St. Louis. 2012. Methylmercury cycling in high Arctic wetlands: controls on sedimentary production. *Environmental Science & Technology*, 46: 10523-10531. (*Featured on the cover of ES&T*)
16. Chételat, J. and 22 others, including **I. Lehnherr**. 2012. Freshwater Environment. Ch. 5. In: Canadian Arctic Contaminants Assessment Report III: Mercury in Canada's North. Eds. J. Chételat and B. Braune. Aboriginal Affairs and Northern Development Canada, Northern Contaminants Program.
17. Chételat, J. and 19 others, including **I. Lehnherr**. 2012. Marine Environment. Ch. 6. In: Canadian Arctic Contaminants Assessment Report III: Mercury in Canada's North. Eds. J. Chételat and B. Braune. Aboriginal Affairs and Northern Development Canada, Northern Contaminants Program.
18. **Lehnherr, I.**, V. L. St. Louis, H. Hintelmann and J. L. Kirk. 2011. Methylation of inorganic mercury in polar marine waters. *Nature Geoscience*, 4: 298-302. (IF: 12.5, 5-Year IF: 13.8)
19. St. Louis, V. L., A. Derocher, I. Stirling, J. A. Graydon, C. Lee, E. Jocksch, E. Richardson, S. Ghorpade, A. K. Kwan, J. L. Kirk, **I. Lehnherr** and H. K. Swanson. 2011. Climate-induced changes in foodweb structure affecting mercury levels in Polar Bears (*Ursus maritimus*). *Environmental Science & Technology*, 45: 5922-5928.
20. Mowat, L. D., V. L. St. Louis, J. A. Graydon, and **I. Lehnherr**. 2011. Influence of forest canopies on the deposition of methylmercury to boreal ecosystem watersheds. *Environmental Science & Technology* 45: 5178-5185.

21. **Lehnherr, I.** and V. L. St. Louis. 2009. Importance of ultraviolet radiation in the photodemethylation of methylmercury in freshwater ecosystems. *Environmental Science & Technology* 43: 5692-5698.
22. Graydon, J. A., V. L. St. Louis, H. Hintelmann, S. E. Lindberg, K. A. Sandilands, J. W. M. Rudd, C. A. Kelly, M. T. Tate, D. P. Krabbenhoft, and **I. Lehnherr**. 2009. Investigation of uptake and retention of atmospheric Hg(II) by boreal forest plants using stable Hg isotopes. *Environmental Science & Technology* 43: 4960-4966.
23. Kirk, J. L., V. L. St. Louis, H. Hintelmann, **I. Lehnherr**, B. Else and L. Poissant. 2008. Methylated mercury species in marine waters of the Canadian high and sub Arctic. *Environmental Science & Technology* 42: 8367-8373.
24. St. Louis, V. L., H. Hintelmann, J. A. Graydon, J. L. Kirk, J. Barker, B. Dimock, M. J. Sharp, and **I. Lehnherr**. 2007. Methylated mercury species in polar marine surface water and snowpacks. *Environmental Science & Technology* 41: 6433-6441.

Refereed Publications Submitted and In-Review

1. **Lehnherr, I. (lead author)** and 15 others. The High Arctic's only "Great Lake" succumbs to climate warming. *Nature* (in review, submitted January 23, 2017)
2. Willis, C., St. Louis, V., Kirk, J., **Lehnherr, I.**, Ariya, P., Rangel-Alvarado, R. Sources of methylmercury to snowpacks of the Alberta Oil Sands Region: A study of *in situ* methylation and particulates. *Environmental Science & Technology* (In review, submitted November 24, 2016)

Reports and Theses

1. **Lehnherr, I.**, contributing author to: Chen, C. Y., C. T. Driscoll, K. F. Lambert, R. P. Mason, L. Rardin, C. V. Schmitt, N. S. Serrell, E. M. Sunderland. 2012. Sources to Seafood: Mercury Pollution in the Marine Environment. Hanover, NH: Toxic Metals Superfund Research Program, Dartmouth College.
2. **Lehnherr, I.** Production and Cycling of Methylated Mercury Species in High Arctic Freshwater and Marine Ecosystems. 2011. Ph.D. Thesis. University of Alberta, Edmonton, AB, 164 pp. (ISBN: 9780494812648)
3. **Lehnherr, I.** 2003. L'Adjonction de Calcium dans la Fabrication de Mozzarella. (26 pp.) Technical report on the effect of low-level additions of calcium during Mozzarella production on milk protein recovery and overall yield; includes new protocol for the measurement of ionic calcium in dairy matrices using ion-selective electrodes. (Internship work with Estavayer Lait Société Anonyme (ELSA), Estavayer-Le-Lac, Switzerland)
4. **Lehnherr, I.** and Berg, D.J. 2003. Synthesis and Characterization of Silanol Complexes of Zirconium. Undergraduate Thesis, Department of Chemistry, University of Victoria.

Research Grants Received

1. Kenneth Molson Foundation: *“Impacts of a Warming Arctic on Freshwater Ecosystem Processes and Resources”*
 - Lead and sole PI, 2017, **\$20,000**
2. Polar Continental Shelf Program: *“Climate Change Impacts on Mercury and Methylmercury Sources to Arctic Ecosystems”*
 - Lead and sole PI, 2017, **\$66,190** (in-kind, logistical, field and aircraft support)
3. Canada Foundation for Innovation John Evans Leader’s Fund: *“Environmental Processes and Change in Northern Canadian Ecosystems”*
 - Lead PI (of 3), 2015, **\$500,000** (including matching funds and contribution from Ontario Research Fund)
4. *“Glacier and soil/permafrost thaw inputs of mercury, perfluorinated chemicals and organophosphorus flame retardants to a pristine high Arctic watershed in Quttinirpaaq National Park, Northern Ellesmere Island, Nunavut”*, Northern Contaminants Program, Aboriginal Affairs and Northern Development Canada (AANDC)
 - Co-PI, 2016-2017, (Grant total: **\$44,712**)
5. Polar Continental Shelf Program: *“Climate Change Impacts on Mercury and Methylmercury Sources to Arctic Ecosystems”*
 - Lead and sole PI, 2016, **\$51,414** (in-kind logistical, field and aircraft support)
6. University of Toronto’s Connaught New Researcher Award: *“Using Emerging Techniques to Investigate Climate Change Impacts on Mercury Cycling and Sources in the Canadian Arctic”*
 - Lead and sole PI, 2015-2016, **\$10,000**
7. NSERC Discovery Grant: *“Climate Change Impacts on Mercury and Methylmercury Sources to Arctic Ecosystems”*
 - Lead and sole PI, 2015-2020, **\$125,000**
8. NSERC Northern Research Supplement
 - Lead and sole PI, 2015-2020, **\$50,000**
9. Polar Continental Shelf Program: *“Climate Change Impacts on Mercury and Methylmercury Sources to Arctic Ecosystems”*
 - Lead and sole PI, 2015, **\$41,151** (in-kind logistical, field and aircraft support)
10. ArcticNet Network Grant: *“Coupled terrestrial-aquatic climate impacts on High Arctic watersheds: Using the Lake Hazen watershed as a sentinel for change”*
 - Co-PI, 2015-2018, **\$72,000** to Lehnerr (Grant total: \$431,567)
11. *“Glacier and soil/permafrost thaw inputs of mercury, perfluorinated chemicals and organophosphorus flame retardants to a pristine high Arctic watershed in Quttinirpaaq National*

Park, Northern Ellesmere Island, Nunavut”, Northern Contaminants Program, Aboriginal Affairs and Northern Development Canada (AANDC)

- Co-PI, 2015-2016, (Grant total: **\$53,444**)

12. “*Community based seawater monitoring for organic contaminants and mercury in the Canadian Arctic*” Northern Contaminants Program, Aboriginal Affairs and Northern Development Canada (AANDC)

- Co-PI, 2015-2016, (Grant total: **\$110,900**)

13. University of Toronto-Mississauga Research and Scholarly Activity Fund “*Quantifying Mercury Biogeochemical Transformations to Inform Model Development*”

- Lead and sole PI, 2015-2016, **\$10,000**

14. University of Toronto Startup Fund

- Lead and sole PI, 2014-, **\$300,000**

15. “Winter atmospheric loadings and springtime runoff of mercury and perfluorinated chemicals to a pristine high Arctic watershed in Quttinirpaaq National Park, Northern Ellesmere Island, Nunavut”, Northern Contaminants Program, Aboriginal Affairs and Northern Development Canada (AANDC)

- Co-PI, 2014-2015, **\$10,000** to Lehnherr (Grant total: **\$40,004**)

16. “Community-based seawater monitoring for organic contaminants and mercury in the Canadian Arctic”, Northern Contaminants Program, AANDC

- Co-PI, 2014-2015, **\$15,000** to Lehnherr, (Grant total: **\$110,990**)

17. “Quantifying contaminant loadings, water quality and climate change impacts in the world’s largest lake north of 74° latitude (Lake Hazen, Quttinirpaaq National Park, Northern Ellesmere Island, Nunavut)”, Northern Contaminants Program, AANDC

- Co-PI, 2013-2014, **\$21,540** to Lehnherr, (Grant total: **\$86,162**)

18. “Snowpack accumulation: influence on caribou distribution, surface water chemistry and lake productivity”, Northwest Territories Cumulative Impact Monitoring Program, AANDC

- Co-PI, 2012-2015, **\$54,075** to Lehnherr (Grant total: **\$162,225**)

19. “Environmental change impacts on lake productivity and water resources in the Canadian Arctic”, W. Garfield Weston Foundation Research Allowance

- Lead and sole PI, 2012-2014, **\$20,000**

20. “Resolving the Arctic Ocean Methylmercury Conundrum”, Northern Contaminants Program, AANDC

- Co-applicant, 2010-2011, **\$36,000** to Lehnherr (Grant total: **\$70,323**)

21. “Production and Cycling of Methylmercury in High Arctic Freshwater Ecosystems”, Alberta Innovates Studentship Research Allowance

- Lead and sole PI, 2006-2011, **\$7,500**

22. "Production of methylmercury in sediments of ponds, wetlands and lakes of the Canadian High Arctic", Northern Scientific Training Program Research Grant, AANDC
 - Lead and sole PI, 2005-2008, **\$8,500**
23. "Production of methylmercury in sediments of ponds, wetlands and lakes of the Canadian High Arctic", Circumpolar/Boreal Alberta Research Grant, Canadian Circumpolar Institute
 - Lead and sole PI, 2006-2007, **\$2,500**

AWARDS AND HONOURS

Victoria Strait Expedition Member – Searching for Franklin’s Lost Ships Invited by the Royal Canadian Geographical Society to participate in the search for the shipwrecks of the Franklin Expedition, and to contribute to the resulting educational program	2014
W. Garfield Weston Postdoctoral Fellowship in Northern Research National, awarded by the Association of Canadian Universities for Northern Studies (\$50,000/yr)	2012-2013
NSERC Postgraduate Scholarship – Doctoral National, held at the University of Alberta (\$21,000/yr)	2005-2008
Alberta Ingenuity Studentship Awarded based on academic and research merit, held at the University of Alberta (\$26,000/yr)	2006-2011
NSERC Canada Graduate Scholarship – Master’s National, held at the University of Alberta (17,500/yr)	2004-2005

TEACHING AND OUTREACH

COURSES TAUGHT

<i>Biogeochemistry</i> (<i>U. of Toronto, GGR406, undergraduate</i>)	2015-
<i>Advanced Biogeochemical Processes</i> (<i>U. of Toronto, GGR1216, graduate</i>)	2016-
<i>Environmental Science</i> (<i>U. of Toronto, SSM 1030, graduate course in MSc. Sustainable Management program</i>)	2015-
<i>Ecosystems and Environmental Change</i> (<i>U. Toronto, GGR 227, undergraduate</i>)	2015-
<i>Guest Lecturer and Lab/Field School Instructor</i> (<i>Schools on Board Program</i>)	2010

Prepared and delivered a lecture, including a laboratory demonstration, on environmental earth sciences and chemistry using heavy metals and organic contaminants as case studies; mentored high school students throughout the 2-week field course of the *Schools on Board* program; worked with students to collect and process samples for a study on the distribution of mercury in Arctic marine waters. *Schools on Board* is a unique educational program that brings high school students from across Canada to the Arctic to work and learn alongside world-class scientists on the *CCGS Amundsen* icebreaker during an oceanographic cruise.

Teaching Assistant (*Univ. of Alberta, Biol 381 – People, Pollution and the Environment*) 2005

Taught concepts pertaining to environmental sciences, answered questions, provided students with feedback on assignments, and graded exams in a fair and consistent manner

PROFESSIONAL DEVELOPMENT

Received pedagogical training on teaching undergraduate students through participation in workshops and professional development programs:

- ***Creating Engaging Activities Through Classroom Response Systems*** (2 hrs., Robert Gillespie Academic Skills Centre and UTM Library Instructional Technology Services, January 2016)
- ***Developing and Teaching University-Level Courses*** (2 hrs, Association of Polar Early Career Scientists' career development workshop series, Apr. 2012)
- ***Managing People and Research Projects*** (1.5 hrs., APECS workshop series, Apr. 2012)
- ***Preparing and Delivering Lectures*** (1.5 hrs., University of Alberta Professional Development Program, Jan. 2011)
- ***Teaching Effectively in the Lab*** (1.5 hrs., U of A PD Program, Jan. 2011)
- ***Leading Group Discussions*** (2 hrs., U of A PD Program, 2011)
- ***Student Ethics*** (2 hrs., U of A, Sept, 2004)

ADDITIONAL TEACHING, GUEST LECTURING AND OUTREACH ACTIVITIES

- Trained northern residents on sample collection and processing to setup a community based seawater monitoring program for mercury and organic contaminants in Resolute, Nunavut (May 2014)
- Attended community meeting in the Arctic community of Wekweeti to facilitate and participate in “Two-Ways of Knowing”, the integration of traditional aboriginal knowledge with western science to study northern ecosystems (Jan. 2013)
- Trained aboriginal youth and adults from northern communities to collect and process environmental samples during field campaigns in the Arctic (2007-2014)
- Authored articles for the Experimental Lakes Area (ELA) Newsletter designed to educate the public on current environmental issues and on-going research at the ELA (2011)
- Interviewed on television, radio and for print media to discuss mercury contamination in the Arctic following the publication of my research in the journal *Nature Geoscience* (Spring 2011)
- Delivered carefully prepared lectures, slideshows and interactive presentations to visiting high school students at the University of Alberta on a variety of topics ranging from general environmental science to “What it’s like to be a graduate student” (2005-2011)
- Presented to Inuit elementary and high school students touring the *CCGS Amundsen* research icebreaker during a community visit in Resolute Bay, Nunavut (Fall 2006)

- Filmed, edited and produced a series of educational videos on Arctic science and contaminants, depicting fieldwork and illustrating scientific concepts, an example of which can be viewed here: www.youtube.com/watch?v=h6nnTnNn0hI

PRESENTATIONS

(* denotes presenting author, underlined names denote students/trainees)

1. Clackett, S.P., T.J. Porter and **I. Lehnherr**. The tree-ring mercury record of klondike gold mining in central Yukon Territory. American Geophysical Union Fall Meeting 2016, December 12-16, 2016, San Francisco, CA, USA (poster)
2. Kyra St. Pierre, V. St. Louis, S. Schiff, P. Dainard, P. Aukes, and **I. Lehnherr**. Dissolved inorganic carbon dynamics in a high arctic glacial watershed. American Geophysical Union Fall Meeting 2016, December 12-16, 2016, San Francisco, CA, USA (poster)
3. St. Louis, Vincent, **I. Lehnherr**, S. Schiff, M. Sharp, J. Smol, D. Muir, A. Gardner, C. Tarnocai, K. St. Pierre, N. Michelutti, C. Emmerton, C. Mortimer, C. Talbot and J. Wiklund. The High Arctic's only Great Lake is succumbing to climate warming. American Geophysical Union Fall Meeting 2016, December 12-16, 2016, San Francisco, CA, USA (oral)
4. **Lehnherr, Igor***, V. St. Louis, S. Schiff, M. Sharp, J. Smol, D. Muir, A. Gardner, C. Tarnocai, K. St. Pierre, N. Michelutti, C. Emmerton, C. Mortimer, C. Talbot and J. Wiklund. Coupled terrestrial-aquatic climate impacts on the watershed of the High Arctic's Great Lake (Lake Hazen, Nunavut). 12th ArcticNet Annual Scientific Meeting 2016, December 5-9, 2016, Winnipeg, MB (oral)
5. **Lehnherr, Igor***, V. St. Louis, S. Schiff, J. Venkiteswaran, K. St. Pierre, C. Emmerton, P. Aukes and V. Wisniewski. Comparative limnology of lakes and ponds in the Lake Hazen watershed during ice-covered and ice-free seasons: what are the implications of climate change for the carbon and nutrient cycles in freshwater ecosystems? 12th ArcticNet Annual Scientific Meeting 2016, December 5-9, 2016, Winnipeg, MB (poster)
6. Varty, Stephanie, **I. Lehnherr**, J. Kirk, K. St. Pierre and V. Wisniewski. Methylmercury hotspots and cycling in terrestrial and aquatic compartments of a High Arctic subcatchment. 12th ArcticNet Annual Scientific Meeting 2016, December 5-9, 2016, Winnipeg, MB (poster)
7. Wisniewski, Victoria, **I. Lehnherr**, S. Schiff, P. Aukes, and J. Kirk. The metabolism of Skeleton Lake, northern Ellesmere Island, Nunavut: understanding the effects of climate change in the Canadian High Arctic by quantifying biogeochemical processes. 12th ArcticNet Annual Scientific Meeting 2016, December 5-9, 2016, Winnipeg, MB (poster)
8. Schiff, Sherry, P. Aukes, P. Dainard, M. English, R. Elgood, X. Zheng, V. St. Louis, **I. Lehnherr** and K. St. Pierre. Lake Hazen watershed in the High Arctic: using tritium and natural abundance stable isotopes of sulfate to partition changing inputs from glacial rivers. 12th ArcticNet Annual Scientific Meeting 2016, December 5-9, 2016, Winnipeg, MB (poster)

9. Dainard, Paul, S. Schiff, P. Aukes, M. English, V. St. Louis, **I. Lehnherr**, R. Elgood and K. St. Pierre. Cycling of dissolved organic matter in permafrost and glacial melt water impacted freshwater systems of the Canadian Arctic. 12th ArcticNet Annual Scientific Meeting 2016, December 5-9, 2016, Winnipeg, MB (poster)
10. **Lehnherr, I***. Mercury Rising: Climate Change and (methyl) Mercury Cycling in Arctic Ecosystems. University of Toronto-Mississauga, Department of Chemical and Physical Sciences Colloquium, Nov. 23, 2016 (oral, invited)
11. **Lehnherr, I***. Mercury Rising: Climate Change and (methyl) Mercury Cycling in Arctic Ecosystems. York University, Department of Geography Colloquium, Nov. 18, 2016 (oral, invited)
12. J.L. Kirk, A. De Silva, D.C. Muir, R. Lohmann, **I. Lehnherr**, C. Spencer, A. Gleason, X. Wang, P. Amarualik Sr. Community based seawater monitoring for organic contaminants and mercury in the Canadian Arctic. Society of Environmental Toxicology and Chemistry 7th World SETAC Congress and SETAC North America 37th Annual Meeting, November 6-10, 2016, Orlando, FL, USA. (poster)
13. A.O. De Silva, K. St Pierre, V. St.Louis; C. Spencer, **I. Lehnherr**, D.C. Muir. Organophosphate flame retardants and plasticizers in the High Arctic: Deposition and Transport in Lake Hazen. Society of Environmental Toxicology and Chemistry 7th World SETAC Congress and SETAC North America 37th Annual Meeting, November 6-10, 2016, Orlando, FL, USA. (poster)
14. **Lehnherr, I***. Climate and environmental controls on methylmercury cycling in Arctic Ecosystems. 99th Conference of the Canadian Society for Chemistry, Halifax, NS, June 5-9, 2016 (oral, invited)
15. Ghotra, Avneet, **I. Lehnherr**, T. Porter and S. Clackett. Reconstruction of past atmospheric mercury concentrations in the Mackenzie Delta using tree ring proxies. Smarti Gras UTM Summer Research Celebration, Aug. 16, 2016. (poster)
16. Clackett, S.P., T.J. Porter and **I. Lehnherr**. The tree-ring mercury record of klondike gold mining in central Yukon Territory. UTM Graduate Research Colloquium, May 2, 2016 (poster)
17. **Lehnherr, I.**, V. St. Louis, D. Muir, C. Emmerton, M. English, A. Gardner, S. Lamoureux, N. Michelutti, C. Mortimer, S. Schiff, M. Sharp, J. Smol, and K. St. Pierre, C. Tarnocai. Coupled Terrestrial-Aquatic Climate Impacts on the Watershed of the High Arctic's Great Lake (Lake Hazen, Nunavut). 11th ArcticNet Annual Scientific Meeting 2015, December 8-11, 2015, Vancouver, BC (oral).
18. St. Louis, V., C. Emmerton, **I. Lehnherr**, J. Graydon, J. Kirk, K. Rondeau, K. St. Pierre. Net ecosystem exchange of carbon dioxide and methane from freshwater systems in the Canadian high Arctic. 11th ArcticNet Annual Scientific Meeting 2015, December 8-11, 2015, Vancouver, BC (oral).
19. Schiff, S., P. Aukes, M English, V. St. Louis, **I. Lehnherr**, R. Elgood and K. St. Pierre. Lake Hazen Watershed: A surrogate for assessing changes in terrestrial inputs (C, N) to the nearshore

marine coastal zone in the High Arctic. 11th ArcticNet Annual Scientific Meeting 2015, December 8-11, 2015, Vancouver, BC (oral).

20. Wong, C., **I. Lehnherr**, C. Willis, K. St. Pierre, V. St. Louis. Sources of methylmercury in High Arctic snowpacks: snow-phase methylation measured using enriched mercury stable-isotope tracers. 11th ArcticNet Annual Scientific Meeting 2015, December 8-11, 2015, Vancouver, BC (poster).
21. De Silva, A., **I. Lehnherr**, K. St. Pierre, V. St. Louis, K. French, C. Spencer, C. Talbot, D. Muir. Perfluoroalkyl acids (PFAAs) in the Lake Hazen watershed (Quttinirpaaq National Park, Nunavut, Canada). 11th ArcticNet Annual Scientific Meeting 2015, December 8-11, 2015, Vancouver, BC (poster).
22. **Lehnherr, I.**, J. Venkiteswaran, V. St. Louis, S. Schiff, C. Emmerton, Kyra St. Pierre, C. Wong and P. Aukes. Ecosystem Metabolism in High Arctic Ponds in the Lake Hazen watershed, Quttinirpaaq National Park (Nunavut). 11th ArcticNet Annual Scientific Meeting 2015, December 8-11, 2015, Vancouver, BC (poster).
23. St. Pierre, K., V. St. Louis, **I. Lehnherr**, D. Muir, A. De Silva, J. Kirk and C. Talbot. Meltwater and Permafrost Thaw Impacts on Mercury Dynamics in the Rapidly Changing Lake Hazen Watershed (Quttinirpaaq National Park, Nunavut, Canada). 11th ArcticNet Annual Scientific Meeting 2015, December 8-11, 2015, Vancouver, BC (oral).
24. Wong, C., **I. Lehnherr**, C. Willis, K. St. Pierre, V. St. Louis. Sources of methylmercury in High Arctic snowpacks: snow-phase methylation measured using enriched mercury stable-isotope tracers. 21st Northern Contaminants Program Results Workshop, December 7, 2015, Vancouver, BC (poster).
25. De Silva, A., **I. Lehnherr**, K. St. Pierre, V. St. Louis, K. French, C. Spencer, C. Talbot, D. Muir. Perfluoroalkyl acids (PFAAs) in the Lake Hazen watershed (Quttinirpaaq National Park, Nunavut, Canada). 21st Northern Contaminants Program Results Workshop, December 7, 2015, Vancouver, BC (poster).
26. **Lehnherr, I.*** Dual Threats: Mercury Contamination and Climate Change in Arctic Ecosystems. Environmental Science and Engineering Seminar Lecture Series, November 19, 2015, Harvard University, Boston, MA, USA (*invited*, oral).
27. **Lehnherr, I.*** Climate and environmental controls on (methyl)mercury cycling in Arctic ecosystems. Environmental Chemistry Seminar Series, University of Toronto, September 17, 2015 (*invited*, oral).
28. Soerensen, A., D. Jacob, A. Schartup, J. Fisher, **I. Lehnherr**, V. St. Louis, L.-E. Heimburger, J. Sonke, E. Sunderland. An evaluation of internal production and external sources of methylmercury in the Arctic Ocean. 12th International Conference on Mercury as a Global Pollutant, June 14-19, 2015, Jeju, Korea (oral).

29. St.Pierre, K., V. St.Louis, **I. Lehnherr**, D. Muir, L. Szostek, J. Kirk, C. Talbot. Mercury dynamics in a rapidly changing High Arctic watershed (Lake Hazen, Nunavut, Canada). 12th International Conference on Mercury as a Global Pollutant, June 14-19, 2015, Jeju, Korea (oral).
30. St.Louis, V., J. Graydon, H. Amos, **I. Lehnherr**, E. Sunderland, K. St.Pierre. Comparison of measured and modeled estimates of mercury dry deposition at the remote Experimental Lakes Area, Northwestern Ontario, Canada. 12th International Conference on Mercury as a Global Pollutant, June 14-19, 2015, Jeju, Korea (oral).
31. St.Pierre, K., V. St.Louis, J. Kirk, **I. Lehnherr**, S. Wang, C. La Farge. Sources of total and monomethylmercury in High Arctic lichens, Bathurst and Devon Islands, Nunavut, Canada. 12th International Conference on Mercury as a Global Pollutant, June 14-19, 2015, Jeju, Korea (poster).
32. **Lehnherr, I*** Climate and environmental controls on methylmercury cycling in Arctic Ecosystems. Joint Assembly American Geophysical Union-Canadian Geophysical Union, May 3-7, 2015, Montreal, QC (*invited*, oral).
33. Kirk, J.L., D. Muir, F. Wrona, P. Chambers, A. Alexander, A. Gleason, R. Frank, M. Evans, X. Wang, C. Cooke, **I. Lehnherr**, R. Rooney. Atmospheric deposition of mercury and methylmercury to the Athabasca oil sands region. Peace Athabasca Delta Environmental Monitoring Program, Fort Chipewyan, Alberta, February 10th 2015 (oral).
34. **Lehnherr, I.***, V. St.Louis, D. Muir, C. Emmerton, A. Gardner, N. Michelutti, S. Schiff, M. Sharp, J. Smol, K. St.Pierre, C. Tarnocai. Coupled Terrestrial-Aquatic Climate Impacts on the Watershed of the High Arctic's Great Lake (Lake Hazen, Nunavut). International Arctic Change 2014 Conference, December 8-12, 2014, Ottawa, ON (oral).
35. St.Pierre, K.A., V. St.Louis, V.L., **I. Lehnherr**, D. Muir, L. Szostek, J. Kirk, C. Talbot. Mercury dynamics in the rapidly changing Lake Hazen watershed (Quttinirpaaq National Park, Nunavut, Canada). International Arctic Change 2014 Conference, December 8-12, 2014, Ottawa, ON (oral).
36. St.Pierre, K.A., V. St.Louis, V.L., J. Kirk, **I. Lehnherr**, S. Wang, C. La Farge. Sources of total and methylmercury to High Arctic lichen. International Arctic Change 2014 Conference, December 8-12, 2014, Ottawa, ON (poster).
21. **Lehnherr, I.***, V. St.Louis, H. Hintelmann. Methylated Mercury Dynamics Arctic Marine Waters: what are the roles of dimethylmercury and particulate bound methylmercury? The Society of Environmental Toxicology and Chemistry North America 35th Annual Meeting, November 3-13, 2014, Vancouver, BC (oral).
22. Kirk, J.L., D. Muir, A. Gleason, X. Wang, R. Frank and **I. Lehnherr**. Atmospheric deposition of mercury and methylmercury to landscapes and waterbodies of the Athabasca Oil Sands Region. The Society of Environmental Toxicology and Chemistry North America 35th Annual Meeting, November 3-13, 2014, Vancouver, BC (oral).

23. **Lehnherr, I.*** Global action, local impact: mercury contamination of Arctic ecosystems and foodwebs. Royal Canadian Geographical Society Seminar Series, 2014 Victoria Strait Expedition, September 3, 2014 (*invited*, oral).
24. **Lehnherr, I.*** The biogeochemical cycling of contaminants and nutrients in a rapidly changing world. Department of Geography, University of Toronto-Mississauga, March 31, 2014, Mississauga, ON (*invited*, oral).
25. **Lehnherr, I.*** The biogeochemical cycling of contaminants and nutrients in a rapidly changing world. Invited seminar, Department of Geography, Wilfrid Laurier University, March 21, 2014, Waterloo, ON (*invited*, oral).
26. **Lehnherr, I.*** Global Action, local impact: Mercury contamination in Arctic ecosystems. Another Drop Seminar Series, United Nations University Institute for Water, Environment and Health, February 25, 2014, Hamilton, ON (*invited*, oral).
27. **Lehnherr, I., M. English, S. Schiff, R. Judas, J. Hickman and P. Aukes.** Lake productivity, carbon cycling and nutrient sources inferred from lake sediment cores. NWT Environmental Monitoring Annual Result Workshop, December 10-12, 2013, Yellowknife, NWT (poster).
28. St. Louis, V. L., D. Muir, **I. Lehnherr**, S. Schiff, J. Venkiteswaran, C. Talbot, C. Emmerton, H. Kosolofski, D. Stern, and S. Akeagok. Quantifying contaminant loadings, water quality, and climate change impacts in the world's largest lake north of 74° N latitude (Lake Hazen). 20th Annual Northern Contaminants Program Results Workshop, September 24-25, 2013, Ottawa, ON (oral).
29. **Lehnherr, I.***, V. L. St. Louis, and H. Hintelmann. Methylated mercury dynamics in Arctic marine waters: what are the roles of dimethylmercury and particulate-bound methylmercury? 11th International Conference on Mercury as a Global Pollutant, July 28-August 2, 2013, Edinburgh, UK (oral).
30. Sorensen, A. L., D. J. Jacob, J. A. Fisher, M. S. Long, **I. Lehnherr**, V. L. St. Louis, L.-E. Heimburger, J. Sonke and E. M. Sunderland. Cycling of inorganic and methylated mercury in the Arctic Ocean. 11th International Conference on Mercury as a Global Pollutant, July 28-August 2, 2013, Edinburgh, UK (oral).
31. Kirk, J.L., **I. Lehnherr**, A. Gleason, D. Muir, and V. St. Louis. The impact of eutrophication on mercury cycling in Lake 227 at the Experimental Lakes Area in Northwestern Ontario. 11th International Conference on Mercury as a Global Pollutant, July 28-August 2, 2013, Edinburgh, UK (oral).
32. St. Louis, V.L., J.A. Graydon, **I. Lehnherr**, and C.J. Oswald. The transport, transformation and fate of mercury in undisturbed Canadian watersheds: a synthesis with an emphasis on the production of methylmercury. 11th International Conference on Mercury as a Global Pollutant, July 28-August 2, 2013, Edinburgh, UK (oral).
33. **Lehnherr, I.***, S. L. Schiff, D. M. Orihel, D. W. Schindler, S. N. Higgins, M. J. Paterson, D. T. Callaghan, M. Holoka and J. J. Venkiteswaran. The importance of sediment return in subsidizing

- nitrogen requirements for algal production in an experimentally eutrophied lake (Lake 227). 66th Meeting of the Society of Canadian Limnologists, January 3-5, 2013, Windsor, ON (poster).
34. Kirk, J. L., **I. Lehnherr**, A. Gleason, D. Muir, V. St. Louis. The impact of eutrophication on mercury cycling in Lake 227 at the Experimental Lakes Area in northwestern Ontario. 66th Meeting of the Society of Canadian Limnologists, January 3-5, 2013, Windsor, ON (oral).
 35. Venkiteswaran, J. J., S. L. Schiff, S. N. Higgins, **I. Lehnherr**. Effects of internal carbon support on the ¹³C of organic carbon in an experimentally eutrophied lake. 66th Meeting of the Society of Canadian Limnologists, January 3-5, 2013, Windsor, ON (poster).
 36. St. Louis, V. L., D. Muir, **I. Lehnherr**, S. Schiff, J. Venkiteswaran, C. Talbot, C. Emmerton, H. Kosolofski, D. Stern, and S. Akeagok. Quantifying contaminant loadings, water quality, and climate change impacts in the world's largest lake north of 74° N latitude (Lake Hazen, Quttinirpaaq National Park, Northern Ellesmere Island, Nunavut). 2012 ArcticNet Annual Scientific Meeting, December 10-14, 2012, Vancouver, BC (oral).
 37. **Lehnherr, I.***, J. J. Venkiteswaran, V. L. St. Louis, S. L. Schiff, C. A. Emmerton. Ecosystem metabolism and air-water exchange of greenhouse gases in High Arctic ponds. American Geophysical Union Fall Meeting, December 2-7, 2012, San Francisco, CA, USA (poster).
 38. Kirk, J. L., **I. Lehnherr**, A. Gleason, D. Muir, V. St. Louis. The impact of eutrophication on mercury cycling in Lake 227 at the Experimental Lakes Area in northwestern Ontario. American Geophysical Union Fall Meeting, December 2-7, 2012, San Francisco, CA, USA (oral).
 39. J. L. Kirk, D. Muir, **I. Lehnherr**, A. Gleason, V. L. St. Louis. The impact of eutrophication on mercury cycling in Lake 227 at the Experimental Lakes Area in Northwestern Ontario. Gordon Research Seminar - Environmental Sciences: Water, June 23-24, 2012, Holderness, NH, USA (poster).
 40. **Lehnherr, I.***, V.L. St. Louis, J. L. Kirk, C. A. Emmerton, J.D. Barker. Methylmercury cycling in High Arctic wetlands: what are the controls on production? International Polar Year 2012 Conference, April 22-27, 2012, Montreal, QC (oral).
 41. **Lehnherr, I.***, V. L. St. Louis and H. Hintelmann. Particulate and dissolved methylated mercury species in marine waters of the Canadian Arctic Archipelago: implications for bioaccumulation. International Polar Year 2012 Conference, April 22-27, 2012, Montreal, QC (poster).
 42. St. Louis, V.L., **I. Lehnherr**, S.F. Lamoureux, J.A. Graydon, J.D. Barker, C.A. Emmerton, J.L. Kirk. Net ecosystem exchange of carbon dioxide and methane from lakes and wetlands in the Canadian High Arctic. International Polar Year 2012 Conference, April 22-27, 2012, Montreal, QC (oral).
 43. Kirk, J. L., D. Muir, A. Gleason, **I. Lehnherr**, V. St. Louis, S. Lamoureux, T. Lewis, K. Stewart, D. Iqaluk and B. Iqaluk. The transfer of terrestrial mercury to freshwater ecosystems at Cape Bounty, Melville Island, Nunavut. International Polar Year 2012 Conference, April 22-27, 2012, Montreal, QC (poster).

44. **Lehnherr, I.*** Sediment-water fluxes of nitrogen and phosphorus nutrients in an experimentally eutrophied boreal lake (L227, Experimental Lakes Area). 2nd Annual Lake 227 Project Meeting, Canada Centre for Inland Waters, January 18, 2012, Burlington, ON (oral).
45. **Lehnherr, I.***, V.L. St. Louis, J. L. Kirk, C. A. Emmerton. Methylmercury cycling in High Arctic wetlands: what are the controls on production? The Society of Environmental Toxicology and Chemistry North America 32nd Annual Meeting, November 13-17, 2011, Boston, MA, USA (oral).
46. **Lehnherr, I.***, V. L. St. Louis, H. Hintelmann. Mercury speciation in Arctic marine waters. 19th Annual Northern Contaminants Program Results Workshop, September 20-21, 2011, Victoria, BC (*invited*, oral).
47. **Lehnherr, I.***, V. L. St. Louis, J. L. Kirk and C. A. Emmerton. Methylmercury cycling in High Arctic wetlands: what are the controls on methylmercury production? 10th International Conference on Mercury as a Global Pollutant, July 24-29, 2011, Halifax NS (oral).
48. St. Louis, V. L., A. Derocher, I. Stirling, J. Graydon, C. Lee, E. Jocksch, E. Richardson, S. Ghorpade, A. Kwan, J. L. Kirk and **I. Lehnherr**. Differences in mercury bioaccumulation amongst polar bears (*Ursus Maritimus*) from the Canadian high and sub Arctic. 10th International Conference on Mercury as a Global Pollutant, Halifax, Canada, July 28th, 2011 (oral).
49. Kirk, J., V. St. Louis, D. Muir, **I. Lehnherr**, S. Lamoureux, T. Lewis, K. Stewart, D. Iqaluk, C. Tunks, G. Lawson. The transfer of terrestrial mercury to freshwater aquatic ecosystems of the Canadian High Arctic. 10th International Conference on Mercury as a Global Pollutant, July 24-29, 2011, Halifax NS (poster).
50. Kirk, J. L., D. Muir, A. Gleason, J. Coty, V. L. St. Louis, **I. Lehnherr**, B. Iqaluk, D. Iqaluk, S. Lamoureux, K. Stewart, T. Lewis. The transfer of terrestrial mercury to freshwater Arctic ecosystems of Cape Bounty, Melville Island, Nunavut. 10th Experimental Lakes Area Seminar Series, Experimental Lakes Area, Ontario, Canada, July 13th, 2011 (*invited*, oral).
51. **Lehnherr, I.*** Production and cycling in methylmercury in Arctic freshwater ecosystems. Experimental Lakes Area Seminar Series, June 29, 2011, Experimental Lakes Area, ON (*invited*, oral)
52. **Lehnherr, I.***, V. L. St. Louis, J. L. Kirk and J. D. Barker. Production and cycling of methylmercury in high Arctic wetlands. American Geophysical Union Fall Meeting, December 13-17, 2010, San Francisco, CA, USA (poster).
53. Kirk, J. L., D. Muir, C. Tunks, L. Alpi, G. Lawson, D. Iqaluk, B. Iqaluk, V. St. Louis, **I. Lehnherr**, S. Lamoureux, K. Stewart and T. Lewis. The transfer of terrestrial mercury to Arctic freshwater ecosystems, Melville Island, Nunavut. The Society of Environmental Toxicology and Chemistry North America 31st Annual Meeting, November 7-11, 2010, Portland, OR, USA (oral).
54. **Lehnherr, I.***, V. L. St. Louis and H. Hintelmann. Mercury speciation in Arctic marine waters. 18th Annual Northern Contaminants Program Results Workshop, September 28-30, 2010, Whitehorse, YT (poster).

55. **Lehnherr, I.***, V. L. St. Louis and H. Hintelmann. Production and cycling of methylated mercury species in Arctic marine waters. American Geophysical Union Fall Meeting, December 14-18, 2009, San Francisco, CA, USA (oral).
56. Barker, J. D., V. L. St. Louis, **I. Lehnherr**, and J. A. Graydon. Net ecosystem exchange of CO₂ and CH₄ in the high Arctic (81° N) during the growing season. American Geophysical Union Fall Meeting, December 14-18, 2009, San Francisco, CA, USA (poster).
57. **Lehnherr, I.***, V. L. St. Louis and H. Hintelmann. Production and cycling of methylated mercury species in Arctic marine waters. 6th ArcticNet Annual Scientific Meeting, December 8-11, 2009, Victoria, BC (oral).
58. Kirk, J., D. Muir, V. St. Louis, S. Lamoureux, **I. Lehnherr** and T. Lewis. The transfer of terrestrial mercury to aquatic ecosystems at the Cape Bounty Arctic Watershed Observatory (CBAWO) Melville Island, Nunavut. 6th ArcticNet Annual Scientific Meeting, December 8-11, 2009, Victoria, BC (oral).
59. **Lehnherr, I.*** and V. L. St. Louis, H. Hintelmann and J. L. Kirk. Production and cycling of methylated mercury species in Arctic marine waters. 9th International Conference on Mercury as a Global Pollutant, June 7-12, 2009, Guiyang, China (oral).
60. **Lehnherr, I.*** and V. L. St. Louis. The importance of UV radiation in the photodemethylation of methylmercury. 9th International Conference on Mercury as a Global Pollutant, June 7-12, 2009, Guiyang, China (poster).
61. **Lehnherr, I.***, J. L. Kirk, V. L. St. Louis and H. Hintelmann. Methylation and ocean-atmosphere fluxes of mercury in Arctic marine waters. Arctic Change International Conference, December 9-12, 2008, Québec, QC (poster).
62. **Lehnherr, I.***, J. L. Kirk, V. L. St. Louis, and H. Hintelmann. The Biogeochemistry of Methylated Mercury in Arctic Marine Waters. Department of Biological Sciences Graduate Student Research Days, University of Alberta, February 14, 2008, Edmonton, AB (poster).
63. St. Louis, V. L., J. A. Graydon, J. L. Kirk, L. Mowat and **I. Lehnherr**. The dynamic exchange of atmospheric mercury with Arctic and Boreal ecosystems. Special Seminar, Harvard University, January 31, 2008, Boston, MA, USA (*invited*, oral).
64. **Lehnherr, I.***, J. L. Kirk, V. L. St. Louis, and H. Hintelmann. The Biogeochemistry of Methylated Mercury in Arctic Marine Waters. 4th ArcticNet Annual Scientific Meeting, December 11-14, 2007, Collingwood, ON (poster).
65. St. Louis, V. L., H. Hintelmann, J. A. Graydon, J. L. Kirk, J. Barker, B. Dimock, M. J. Sharp and **I. Lehnherr**. Methylated mercury species in Canadian high Arctic marine waters and snowpacks. Experimental Lakes Area Seminar Series, July 12, 2007, Experimental Lakes Area, ON (*invited*, oral).

66. Kirk, J. L., **I. Lehnherr**, V. L. St. Louis, and H. Hintelmann. Toxic mercury species in Arctic seawaters. Department of Biological Sciences Graduate Student Research Days, University of Alberta, February 9, 2007, Edmonton, AB (poster).
67. **Lehnherr, I.***, J. L. Kirk, V. L. St. Louis, and H. Hintelmann. Toxic mercury species in Arctic seawaters. 3rd ArcticNet Annual Scientific Meeting, December 12-15, 2006, Victoria, BC (poster).
68. St. Louis, V. L., J. L. Kirk, and **I. Lehnherr***. Production of toxic mercury species in Canadian Arctic ecosystems. Circumpolar Students Association Northern Speaker Series, October 24, 2006, Edmonton, AB (oral).
69. **Lehnherr, I.***, V. L. St. Louis and J. D. Barker. The production and cycling of methylmercury in high arctic ponds. 8th International Conference on Mercury as a Global Pollutant, August 6-11, 2006, Madison, WI, USA (oral).
70. Kirk, J. L., V. L. St. Louis, H. Hintelmann, and **I. Lehnherr**. Potential sources of monomethyl mercury to Arctic marine ecosystems. 8th International Conference on Mercury as a Global Pollutant, August 6-11, 2006, Madison, WI, USA (oral).
71. St. Louis, V. L., J. A. Graydon, J. L. Kirk and **I. Lehnherr**. Recent advances in understanding the biogeochemical cycling of mercury. Experimental Lakes Area Seminar Series, May 24, 2006, Experimental Lakes Area, ON (*invited*, oral).
72. St. Louis, V. L., J. A. Graydon, J. L. Kirk and **I. Lehnherr**. Recent advances in understanding the biogeochemical cycling of mercury. Department of Biological Sciences Seminar Series, University of Alberta, January 27, 2006, Edmonton, AB (oral).
73. **Lehnherr, I.***. 2003. L'Adjonction de Calcium dans la fabrication de Mozzarella. Presentation of internship work conducted at Estavayer Lait Société Anonyme, December 2003, Estavayer-Le-Lac, Switzerland (oral).
74. Raofie, F., **I. Lehnherr** and P. A. Ariya. 2003. Kinetics and Mechanism of Reduction of Mercuric Ion with Organic Matter. 3rd Annual Collaborative Mercury Research Network (COMERN) General Congress, November 5-7, 2003, St. Andrews, NB (poster).
75. **Lehnherr, I.*** and P. A. Ariya. 2003. Photoreduction of Aqueous Mercury in the Presence of Oxalate. Presentation of NSERC USRA work to members of the Chemistry, and Atmospheric and Oceanic Sciences Departments, July 30, 2003, McGill University, Montreal, QC (oral).
76. **Lehnherr, I.*** and D. J. Berg. 2003. Synthesis and Characterization of Silanol Complexes of Zirconium. Undergraduate Research Seminar, Department of Chemistry University of Victoria. April 3, 2003, Victoria, BC (oral).