

# José Gérin-Lajoie Biologist, M.Sc.

Université du Québec à Trois-Rivières & Centre d'études nordiques  
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## INTERESTS

**Plant ecology, Arctic plant ecology, Ethnobotany, Traditional Ecological Knowledge, Community-based monitoring, Science education.**

EDUCATION

In progress Native Studies Certificate, Anthropology Department, Université Laval.  
1999-2002 Master degree in Environmental Science (Plant Ecology), Université du Québec à Trois-Rivières.  
1995-1999 B.Sc. (Biology), Université du Québec à Trois-Rivières

## **AWARDS AND SCHOLARSHIPS**

2000 Award winner of Carrie-Derrick prize (Sciences). Fondation des bourses pour l'engagement féminin dans les affaires.

## PROFESSIONAL EXPERIENCE

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| 2007 to date:     | Université du Québec à Trois-Rivières – Northern projects coordinator in Arctic plant ecology, community-based monitoring and Traditional Ecological Knowledge. |
| 2005 to 2008:     | Quebec Ministry of Sustainable Development, Environment and Parks – Analyst and Project Manager   |
| 2006:             | Université du Québec à Trois-Rivières – Assistant professor   |
| 2001 to 2005:     | Nove Environnement inc. – Biologist   |
| Winter 2005:      | Quebec Ministry of Transport –Contractual Biologist   |
| Summer-Fall 2004: | Parks Canada – Contractual Botanist   |
| 2000 to 2005:     | Université du Québec à Trois-Rivières – Assistant professor   |
| Fall 2003:        | Makivik Corporation – Contractual Biologist   |
| Summer 2003:      | UQTR-Parks Canada – Contractual Botanist  |
| Fall 2002:        | Université du Québec à Trois-Rivières –Contractual Biologist  |
| 1990 to 1995:     | Commission scolaire de Portneuf – Adult Education Teacher   |

## RECENT PROJECTS LEADED

2014-2015: Culture and Science Landcamp in Nunavik with OHMi.  
2014-2015 : Edition of the book *Environmental changes: Inuit observations across the Canadian Arctic*.  
2013 : Cross-cultural and cross-generation Plant Workshop in Kuujjuaapik-Whapmagoostui.  
2010 to date : AVATIVUT : La science au Nunavik, un apprentissage des élèves du secondaire en lien avec leur territoire (NovaScience-MDEIE, ArcticNet, Canadian Space Agency, PromoScience-NSERC, AANDC, Ouranos).  
2008-2011 : Community-based monitoring program and IQ/TK interviews across Nunavik and Nunavut; IPY-CiCAT and ArcticNet projects.

## RECENT IMPLICATION

Co-producer and researcher for the documentary film *Nallua* made by Les Vues du Fleuve in the Pond Inlet area, Nunavut. 2011-2015.  
Executive producer for a documentary film in collaboration with Wapikoni Mobile at Whapmagoostui, Aug 2013  
Participation in the Nunavut Teacher Conference in Iqaluit, February 2015.  
Participation in Inuit Education Research roundtable in Iqaluit, February 2013.  
Participation in Quebec Aboriginal Science Fair in Kuujjuaq, March 2013.

## RECENT PUBLICATIONS AND PRESENTATIONS

**Gérin-Lajoie, J., A. Cuerrier, L. Siegwart-Collier, A. Downing, E. Lévesque, L. Hermanutz, G. Henry, S. Desrosiers, A. Fells.**  
2015. *Environmental changes: Inuit observations across the Canadian Arctic*. Arctic College in collaboration with Inhabit Media, Baffin Inuktitut and English. 245 p. In press.

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## Biologist, MSc.

- Cuerrier, A., Brunet, N., **Gérin-Lajoie J.**, Downing, A. and Lévesque E. 2015. The study of Inuit Knowledge of Climate Change in Nunavik, Quebec: a Mixed Methods Approach. *Human Ecology*, June 2015 DOI 10.1007/s10745-015-9750-4.
- Hébert-Houle, E., G. H. Samson, **J. Gérin-Lajoie**, Y. Gauthier, E. Lévesque, M. Bernier, M. Allard. 2015. AVATIVUT : un soutien à la persévérance et à la réussite scolaires. Présentation orale au Colloque sur la persévérance et la réussite scolaires chez les Premiers Peuples. UQAC, Chicoutimi, octobre 2015..
- Gérin-Lajoie, J.**, Y. Gauthier, et E. Lévesque. 2015. Suivi environnemental en milieu nordique : Comment intégrer les communautés nordiques. Présentation orale au colloque *Suivis environnementaux en territoires nordiques : priorités et défis associés à la recherche pluridisciplinaire en milieux éloignés*. Congrès de l'ACFAS, 26 mai 2015, Rimouski.
- Gérin-Lajoie, J.** et Y. Gauthier. 2015. Activités interactives sur le programme Avativut dans le cadre de l'atelier *Découvrez des projets de science citoyenne*. Congrès de l'ACFAS, 25 mai 2015, Rimouski.
- Gérin-Lajoie, J.**, Gauthier, Y. Hébert-Houle, E., and Nelson, S. 2015. Science in Nunavik: Connecting classes to the Inuit environment and culture. Invited workshop at the PILIMMAKSARNIQ Conference, Qikiqtani Teachers Association, February 2015, Iqaluit, Nunavut.
- Gérin-Lajoie, J.**, Hébert-Houle, E., Gauthier, Y., Lévesque, E., Samson, G., Bernier, M., Allard, M., and Aubé-Michaud, S. 2014. AVATIVUT: Nunavik High School students contribute to monitor Climate Change by doing real science connected with their land and culture! *Makivik Magazine*. Winter 2014.
- Aubé-Michaud, S., Allard, M., **Gérin-Lajoie, J.**, Loranger, S. and Barrette, C. 2014. A permafrost temperature regime simulator as a learning tool for secondary school Inuit students. Poster presented at Arctic Change 2014, Ottawa, December 2014.
- Hébert-Houle, E., Lévesque, E., Samson, G., **Gérin-Lajoie, J.**, Gauthier, Y., Bernier, M., 2014. Defining Success In Educational Outreach Initiatives In Northern Communities: Thoughts From A Decolonization Perspective. Oral presentation at Arctic Change 2014, Ottawa, December 2014.
- Barnard, C., Bhiry, N., Heffez, A., Allard, G., **Gérin-Lajoie, J.** and Vincent, W.F. 2014. Centre d'études nordiques (CEN): Bridging Scientific Research to Education and Outreach at Whapmagoostui-Kuujjuarapik. Oral presentation at Arctic Change 2014, Ottawa, December 2014.
- Gérin-Lajoie, J.**, Hébert-Houle, E., Lévesque, E., Gauthier, Y., Bernier, M. and Samson G. 2014. Complementary approaches for community-based monitoring and Youth's training in environmental sciences in Nunavik: Curriculum-based and Land-based. Oral presentation at Inuit Studies, October 2014.
- Hébert-Houle, E., Samson, G., **Gérin-Lajoie, J.** and Lévesque, E. 2014. Student perception and decolonizing challenges in the implementation phase of Avativut program in Nunavik. Oral presentation at Inuit Studies, October 2014.
- Siegwart Collier L., **Gérin-Lajoie J.**, Cuerrier A., Hermanutz L., Lévesque E., Speich C., Henry G.H.R. 2014. Local assessments of environmental change in Arctic Canada from combined analyses of Inuit traditional ecological knowledge and climate data. Submitted to *Climatic Change* (October 2014).
- Gérin-Lajoie, J.** and E. Lévesque. 2013. Reconstructing an historic event reporting toxic berries on Bylot Island. *Polar Continental Shelf Program Science Report 2011-2012*. Pp. 23-25.
- Gérin-Lajoie, J.**, E. Hébert-Houle and E. Lévesque. 2013. The Plant Gathering Project: Linking Cree Traditional Ecological Knowledge (Eeyu) and Science through a Multi-Generation Land Camp. Oral Presentation at ArcticNet ASM, Dec. 2013.
- Siegwart Collier, L., **J. Gérin-Lajoie**, A. Cuerrier, E. Lévesque, L. Hermanutz, C. Speich and G. Henry. 2013. Inuit knowledge and 30-Year trends in gridded climate data reveal significant environmental changes across the Canadian Arctic. Oral presentation at ArcticNet ASM, December 2013.
- Shirley, J., J. Carpenter, R. Churchill, **J. Gérin-Lajoie**, A. Jacob and E. Lévesque. 2013. Assessing Berries to Monitor Ecological Change: a collaboration with Nunavut Arctic College's Environmental Technology Program. Poster presented at ArcticNet ASM, Halifax, December 2013.
- Samson, G. **Gérin-Lajoie J.**, Lévesque, E., Gagnon, J. F., Gauthier, Y., Cuerrier, A. 2013. Les savoirs traditionnels au service des savoirs scientifiques. Limites et défis : Le rôle des Inuits aînés du nord québécois. *Esprit Critique Rapport au savoir*. 2013, vol17 <http://www.calameo.com/read/0009930031c89fc3f57ec>
- Gérin-Lajoie, J.**, Y. Gauthier, E. Lévesque, D. McMullen, G. Samson, M. Bernier. 2012. Implementing environmental monitoring through hands-on learning activities in Science and Technology curriculum for Nunavik High Schools: a dream come true! Oral presentation at Inuit Studies 2012 Conference. Washington, DC. October 24-28 2012.
- Gérin-Lajoie, J.**, Y. Gauthier, E. Lévesque, G. Samson, M. Bernier, D. McMullen, V. Gilbert. 2012. Berries and Ice: What it takes for community-based monitoring to go "Smoothie". Oral presentation at IPY 2012 Conference. Montréal, April 24 2012. <http://www.youtube.com/watch?v=d2J1ICxP6jc&feature=youtu.be>

# J o s é   G é r i n - L a j o i e

## B i o l o g i s t ,   M S c .

- Lévesque, E., Hermanutz, L., **Gérin-Lajoie, J.** et al. 2012. Trends in vegetation dynamics and impacts on berry productivity. In: Allard, M. and M. Lemay (Eds), Nunavik and Nunatsiavut: From science to policy. An Integrated Regional Impact Study (IRIS) of climate change and modernization. ArcticNet Inc., Quebec City, Canada, p. 223-247. [http://www.arcticnet.ulaval.ca/pdf/media/iris\\_report\\_complete.pdf](http://www.arcticnet.ulaval.ca/pdf/media/iris_report_complete.pdf)
- Gérin-Lajoie, J.** and E. Lévesque. 2011. Qarmaarjuit-Qinniqtut Historical Project. Final report. November 18th 2011. Parks Canada, Iqaluit, Nunavut. 65 p.
- Gérin-Lajoie, J.**, A. Cuerrier, L. Siegwart Collier, E. Lévesque, L. Hermanutz, G. Henry and C. Speich. 2010. From Nain, Nunatsiavut to Kugluktuk, Nunavut: Analysing vegetation change by interviewing local experts from 8 Inuit communities across the Canadian Arctic. Oral presentation at ArcticNet ASM in Ottawa, Dec 2010.
- Gérin-Lajoie, J.**, A. Cuerrier and E. Lévesque. 2010. Inuit perceptions of environmental change in 3 communities of Nunavik: Regional differences. Oral presentation at Inuit Studies Conference, Val d'Or, Oct. 2010.
- Lévesque, E. **J. Gérin-Lajoie**, L. Hermanutz, J. Jacobs, A. Cuerrier, L. Siegwart-Collier and A. Jacob. 2010. Three years of community-based assessment of berry productivity across the Canadian Arctic. Poster presented at ArcticNet ASM in Ottawa, Dec. 2010.
- Cuerrier, A., **J. Gérin-Lajoie** and E. Lévesque. 2010. Inuit perception of climate change in Nunavik (Quebec, Canada). 12th International Congress of Ethnobiology: Hishuk-ish tsawalk... everything is connected. Oral presentation at Tofino, 9-14 mai 2010.

### DOCUMENTARY FILMS AND VIDEOS

- Fournier, C. M., N. Beaudet, and **J. Gérin-Lajoie**. *Nallua*. Documentary film (76 min.) in the Pond Inlet area, Nunavut. Productions Les vues du fleuve. Trailer: <http://lesvuesdufleuve.com/?lang=fr&rub=3&produit=7>
- IAWRT 2014. Hands on: Women, Climate, Change. 48-minute collaborative documentary film.  
English : <http://redlizardmedia.com/climateandgender/> Français: <https://vimeo.com/95430824>
- Marcoux-Fortier, I., **J. Gérin-Lajoie**, M. Masty, M. Mukash, S. George, E. Hébert-Houle, N. Bhiry, W. Vincent, C. Barnard and E. Lévesque. 2013. *Eeyu Cheschaaydamowin*, The Plant Gathering Project. Short documentary co-produced by Whapmagoostui First Nation and Centre d'études nordiques, Creation of Wapikoni Mobile. December 2013. 21 minutes. English : <http://youtu.be/zwjYijCwdFM> Français: <http://youtu.be/pxYue3BNv30>
- UQTR and INRS 2014. Educative videos explaining the scientific protocols and concepts of the Avativut community-based environmental monitoring program in Nunavik in collaboration with the Kativik School Board.  
[http://www.cen.ulaval.ca/avativut/en\\_accueil.aspx](http://www.cen.ulaval.ca/avativut/en_accueil.aspx)