



**News Digest of the Canadian Association of Geographers**  
**No. 311, June 21, 2014**  
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**U Waterloo campus veteran Jean Andrey profiled:** In her 25 years as a professor of Geography and Environmental Management at the University of Waterloo, Jean Andrey has taught nearly 10,000 students. Andrey pursued her PhD (at Waterloo) in the first place because she loved teaching. In the early phase of her career, she worked hard to master the art of teaching and was gratified in 1995 when, nominated by her students and facilitated by her colleagues, she received the University of Waterloo's Distinguished Teaching Award. "I think UW supports its faculty members so they can make contributions that fit their talents and their dreams. It was nice to know that what I thought I had accomplished was also seen that way, that the institution knew who I was and accepted that." Over time, Andrey focused more on research as well as teaching and in recent years has contributed in service—she has been associate dean of her department twice, has served on search committees, has just finished a two-year term as the President of the Canadian Association of Geographers and is about to embark on an interim dean position for the Faculty of Environment. "This university is nimble and it's moving forward and it has dreams as an institution. It's fun to be part of that." [Waterloo Daily Bulletin](#)

**UVic Geography alumnus Nathan Bennett featured in story about 'boys falling behind':** University of Victoria Geography alumnus Nathan Bennett is featured in a story that notes educators are troubled by men's faltering performance in the educational system. Nathan, who finished his PhD in geography last year at University of Victoria, says he is by no means sold on university being the only route to robust careers. "Some of my friends from high school who did not finish high school are business owners, artists, trades people," he says. "Failing at school is OK. There are other paths to success." Bennett's own journey through life shows that males may follow a winding path and still arrive at university. Bennett almost quit high school in Cranbrook from boredom and a hunger to see the world. He spent two years after high school hitchhiking across Canada and living on the streets of different Canadian cities. His academic career is anything but seamless. Before starting his master's degree, he spent five years as a teacher, outdoor educator, international development worker and sea kayak guide. "Don't leave school because it is hard. Life and work outside school is hard, too," Bennett says. "Leave school because there is something else that you want to do or try." [The Province](#)

**Vancouver Island U's Jeff Lewis installs weather station at Nanaimo Campus:** Jeff Lewis, a professor in the Geography Department, has installed a new weather station at VIU's Nanaimo campus as part of a network of local weather stations at schools across Vancouver Island. Funded by NSERC, in partnership with the University of Victoria, the program is designed to peak interest in atmospheric science among students and the general public. Information about the program and weather reports for each of the weather stations is available at: [nanaimoweather.ca](http://nanaimoweather.ca). [VIU Geography News](#)

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**UQTR Département de géographie caractérisation et sensibilité climatique du bilan de masse glaciaire:** Les glaciers constituent des réservoirs d'eau douce contribuant activement au cycle hydrologique des bassins versants. L'intégrité de cette contribution hydrologique est menacée par le réchauffement climatique, qui cause un retrait généralisé des glaciers dans le monde. La réponse hydrologique des glaciers au climat nécessite une bonne connaissance de leur bilan de masse annuel, lequel reflète la somme net de l'accumulation et de l'ablation de neige et glace à la fin de l'année. Les mesures de bilan de masse sur le terrain représentent un exercice logistiquement compliqué, coûteux et parfois hasardeux sur les glaciers de grande taille. La plupart des programmes de suivi ayant lieu sur des glaciers accessibles de taille relativement petite, notre connaissance du bilan de masse et de sa réponse au climat reste limitée pour plusieurs glaciers et champs de glace de grande taille, lesquels revêtent une importance hydrologique particulière. Ce projet propose l'application d'un cadre méthodologique innovateur combinant la cartographie et la photogrammétrie assistée par drones à de la modélisation physique validée sur le terrain afin d'estimer les changements topographiques, le déplacement, et le bilan de masse superficiel du glacier Saskatchewan, le plus grand exutoire du champ de glace Columbia en Alberta, Canada. Les données récoltées permettront d'appliquer une analyse de sensibilité climatique du glacier et de projeter son évolution au cours du prochain siècle. Il est espéré que le cadre méthodologique développé pourra s'appliquer au suivi des glaciers à long terme, et à d'autres sites dans le futur. [UQTR géographie](#)

**U Waterloo's Mike Stone participates in 2014 Alberta Emerald Award Southern Rockies Watershed Project:** The Southern Rockies Watershed Project and team was selected as the recipient of the Challenge Award in Water in the 2014 Alberta Emerald Awards. [Mike Stone](#), from the Department of Geography and Environmental Management, is a member of this research team. The broad goals of the [Southern Rockies Watershed Project](#) are to: 1) Develop a better understanding of connections between the climatic, hydrological, and ecological factors regulating this key headwater landscape (including natural and human related disturbance pressures) and, 2) Link this information with the condition of downstream water resources at larger basin scales, including implications for municipal water supplies for drinking water. The project is unique in bringing together a highly diverse team of water and natural resource scientists spanning headwaters hydrology, disturbance ecology, large basin-scale river processes, water treatment engineering, and natural resource sociology and economics to generate information needed for the protection and sustainable management of these critical water resources. [Waterloo GEM News](#)

**Ryerson U's Eric Vaz founds Centre for Geocomputation:** Eric Vaz has recently founded the [Centre for Geocomputation](#) at the Department of Geography, Ryerson University. This centre is an innovative Canadian research initiative, counting with an international committee including many of the top scholars in their fields. Dr. Vaz is currently spearheading four projects, dealing with the topics of health geography, land use change, and sustainable futures. [Ryerson Geography Research](#)

**U Ottawa Geography Master's student wins W. Garfield Weston Award for Northern Research:** Every year the [W. Garfield Weston Foundation](#) sponsors up to ten scholarships for students currently enrolled in a master's program in the natural sciences pursuing northern research. As a master's student in geography at the University of Ottawa, Marielle Fontaine is devoted to sharing her knowledge and research about various ecological landscapes in the western Canadian Arctic. Especially with Northern communities whom she knows highly depend on the natural environment for traditional harvesting, transportation and community infrastructure. Marielle's research, titled "Biogeochemical variations in Holocene and Pleistocene-age permafrost across various ecological landscapes in the western Canadian Arctic", aims to better understand the environmental impacts resulting from permafrost degradation, which may be the key to addressing the concerns of interest in Inuvialuit and Gwich'in communities.

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**Memorial U's Norm Catto on erosion of Maritime coastline:** Nova Scotia geoscientists are about to embark on a multi-year monitoring program to track the erosion of the province's coastlines. Scientists at the Coastal Zone Canada 2014 Conference in Halifax this week said the problem is growing. "We're seeing erosion caused by short-term events like storms, we're seeing long-term erosion that's caused by things like changing sea levels and by changing amounts of sediment that's moving along the coast," said Norman Catto, a professor of geography at Memorial University in St John's. This summer, two scientists with the Department of Natural Resources will put monitoring stations around St. Margarets Bay outside Halifax and around the Bras d'Or Lakes in Cape Breton. The survey posts will be used to see how coastlines can be protected from the erosion process. The survey is part of a broad effort to adapt and deal with the issue of erosion. In the end, the science will end up in the hands of municipal and provincial decision makers. [CBC News](#)

**UNBC's Greg Halseth keynote speaker at conferencing looking to educate housing non-profits:** The B.C. Non-Profit Housing Association is holding a conference aimed at educating and training non-profit housing societies and to encourage them to work closer together. The main focus of the conference is education. There will also be presentations about the latest housing trends in the north and research about housing rental rates and affordability. The two keynote speakers will be Roy, who will be discussing changes within the association, and Greg Halseth, a UNBC geography professor and Canada research chair in rural and small town studies. [Prince George Citizen](#)

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**Brock Geography** has acknowledged their students who presented [research projects](#) at the recent CAG meeting. [Brock News](#)

**McGill Geography** announces collaborative project using Landsat Thematic Mapper with former Dept visiting scholar Jialong Zhang; former post-doc (now UQAM Prof) Hien Pham, and Margaret Kalacska and Sarah Turner. [McGill Geog](#)

**UBC Geography** spotlights Emily Huang who participated in the Arts Tri-Mentoring Program. [UBC Geographer](#)

**McGill Geography** congratulates to former PhD student Peter Johnson who received an Ontario Early Researcher Award. Peter is now an assistant prof at University of Waterloo conducting research on location-based applications for mobile devices. [McGill Geog](#)

**Ottawa U Geography** congratulates Luke Copland, professor in the Department of Geography and Director of the [Laboratory for Cryospheric Research](#). He has received the 2013-2014 Excellence in Education Prize and will receive a grant towards research on innovative teaching practices. [U Ottawa Geog](#)

**UNBC Geography** announces new course in 'Creative responses to issues of Northern Development'. [UNBC Geog News](#)

**U Toronto Geography** announces PhD candidate Tammara Soma wins Pierre Elliott Trudeau Foundation Scholarship. Tammara's research examines the influence food consumption, food wasting in urban Indonesia, as well as ways to end food waste in landfills. [UT Geog News](#)

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## Hot Papers by Canadian Geographers

Idowu Ajibade and Gordon McBean. 2014. [Climate extremes and housing rights: A political ecology of impacts, early warning and adaptation constraints in Lagos slum communities](#). *Geoforum* 55:76–86.

Bernard O. Bauer and Robin G.D. Davidson-Arnott. 2014. [Aeolian particle flux profiles and transport unsteadiness](#). *Journal of Geophysical Research: Earth Surface*. DOI: 10.1002/2014JF003128

Noémie Boulanger-Lapointe, Esther Lévesque, Stéphane Boudreau, Gregory H. R. Henry and Niels Martin Schmidt. 2014. [Population structure and dynamics of Arctic willow \(\*Salix arctica\*\) in the High Arctic](#). *Journal of Biogeography*. DOI: 10.1111/jbi.12350

Sébastien Breau, Dieter F. Kogler and Kenyon C. Bolton. 2014. [On the relationship between innovation and wage inequality: New evidence from Canadian cities](#). *Economic Geography*. DOI:10.1111/ecge.12056

Julian Cleary. 2014. [A life cycle assessment of residential waste management and prevention](#). *The International Journal of Life Cycle Assessment*. DOI: 10.1007/s11367-014-0767-5

W.U Hui, LIU Yongbo, LIU Junzhi and ZHU A-Xing. 2014. [Representation of agricultural best management practices in a fully distributed hydrologic model: a case study in the Luoyugou Watershed](#). *Journal of Resources and Ecology* 5:179-184.

T.R. Marthews, S.J. Dadson, B. Lehner, S. Abele and N. Gedney. 2014. [A high-resolution global dataset of topographic index values for use in large-scale hydrological modelling](#). *Hydrology and Earth System Sciences. Discussions* 11:6139–6166.

Duncan McLaren, Daryl Fedje, Murray B. Hay, Quentin Mackie, Ian J. Walker, Dan H. Shugar, Jordan B.R. Eamer, Olav B. Lian and Christina Neudorfe. [A post-glacial sea level hinge on the central Pacific coast of Canada](#). *Quaternary Science Reviews*. DOI: 10.1016/j.quascirev.2014.05.023

Norma M. Rantisi. 2014. [Exploring the role of industry intermediaries in the construction of 'Local Pipelines': The case of the Montreal Fur Garment Cluster and the rise of Fur–Fashion connections](#). *Journal of Economic Geography*. DOI: 10.1093/jeg/lbu019

Maureen Reed, Alyssa Scott, David Natcher and Mark Johnston. 2014. [Linking gender, climate change, adaptive capacity and forest-based communities in Canada](#). *Canadian Journal of Forest Research*. DOI: 10.1139/cjfr-2014-0174

Anastasia Petrenko, Anton Sizo, Winchel Qian, A. Dylan Knowles, Amin Tavassolian, Kevin Stanley and Scott Bell. 2014. [Exploring mobility indoors: an application of sensor-based and GIS systems](#). *Transactions in GIS* 18:351–369.

Rajendra Prasad Subedi and Mark Warren Rosenberg. 2014. [Determinants of the variations in self-reported health status among recent and more established immigrants in Canada](#). *Social Science & Medicine*. DOI: 10.1016/j.socscimed.2014.06.021

Jake Wall, George Wittemyer, Valerie LeMay, Iain Douglas-Hamilton and Brian Klinkenberg. 2014. [Elliptical Time-Density model to estimate wildlife utilization distributions](#). *Methods in Ecology and Evolution*. DOI: 10.1111/2041-210X.12218

Shaun A. Watmough, Colin J. Whitfield and Mark E. Fenn. 2014. [The importance of atmospheric base cation deposition for preventing soil acidification in the Athabasca Oil Sands Region of Canada.](#) Science of The Total Environment 493:1–11.

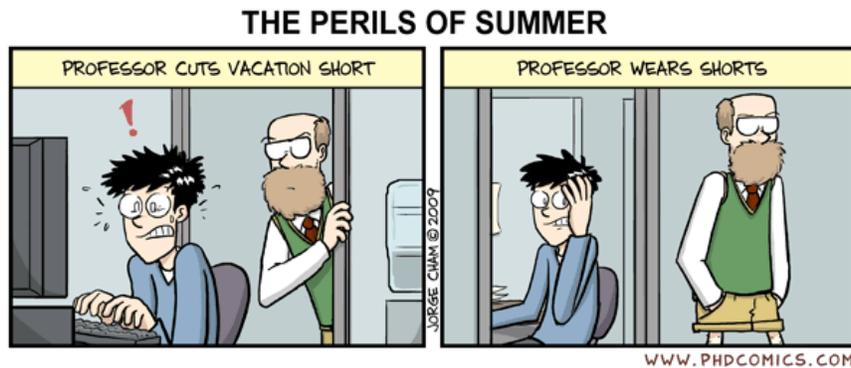
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### Other “Geographical” News

**The hidden beauty of airport runways, and how to decipher them:** Airports are known for rules and regulations, a reputation that applies to the runways as well. Almost all airport designs are governed by regulations established by the International Civil Aviation Organization. Lauren O’Neil turns those strictures into art, with the help of Google Earth. The Brooklyn-based designer has made a meticulous study of airport runways and logged the results on a Tumblr called Holding Pattern. These views reveal beautiful compositions at airports that are nothing special at ground level. [CNN](#)

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### Some not so “Geographical” News



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GeogNews Archives: <http://www.geog.uvic.ca/dept/cag/geognews/geognews.html>

@CanGeographers Weekly: <https://paper.li/CanGeographers/1394987315>

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