



News Digest of the Canadian Association of Geographers
No. 319, August 22, 2014
Compiled by Dan Smith [<cag@geog.uvic.ca>](mailto:cag@geog.uvic.ca)

U Toronto's Danny Harvey launches challenge against National Energy Board: A University of Toronto professor has launched a constitutional challenge against the National Energy Board for refusing to consider climate change while deciding pipeline expansion plans. Danny Harvey, a professor in the department of geography, filed a Charter challenge after the energy board declined to hear scientific evidence on climate change during its hearings on the Kinder Morgan Trans Mountain pipeline Expansion Project. The project will lead to "tarsand expansion, increase climate change and put future generations of Canadians at risk," Harvey said in a statement, and called the expansion not just irresponsible but dangerous. Harvey applied to make submissions to the National Energy Board in January and was refused in April, said Arvay, triggering the constitutional challenge. [Toronto Star](#)

U Saskatchewan PDF Jonathan Conway involved in Canada's most sophisticated snow study: Jonathan Conway is collecting data at the Fortress Mountain Snow Lab established thanks to \$835,000 in funding from the federal government, the province of Saskatchewan and the U of S towards the Canadian Rockies Hydrological Observatory. Conway is a native New Zealander, where he earned his PhD in glaciology and climatology from the University of Otago, Conway arrived in Canmore early in the year to begin a two-year posting as a post-doctoral fellow at the University of Saskatchewan's Centre for Hydrology, based out of the University of Calgary's Kananaskis Field Station. With seven elaborate stations set at different aspects, at different elevations from valley bottom to 2,300 metres, and with exposure to varying wind force and speeds, the facility far exceeds anything in Canada. "I am absolutely delighted with the site," said John Pomeroy, director of the U of S Centre for Hydrology. "We've never had so many sites condensed in one alpine area. It's a true mountain snow laboratory in that we can measure snow redistribution, accumulation and melt under very different conditions at a similar elevation in a place with superbly deep and long-lasting snow. We're also working to improve climate and weather model operation in mountain environments and to better understand snow physics so that snow can be better measured and managed." [Rocky Mountain Outlook](#)

York U's Philip Kelly on the plight of Filipinos in Canada: While there is considerable upward mobility among children of immigrants in Canada some groups, including Filipino youth, are less likely to be among them, a study reported. York University Geography Professor and Center for Asian Research Director Philip Kelly wrote: "Canadian research on intergenerational social mobility has shown that there is considerable upward mobility among children of immigrants. However, there are some groups that are exceptions to this overall pattern. Filipino youth present a double anomaly: they are less likely to hold a degree than either their parents or their peers in other racialized groups." Gathering data from 1980 to 2009, Kelly compared the literacy rate among the three major countries that are the sources of immigrants to Canada, namely, China, India and the Philippines. "The percentage of Filipinos educated to the bachelor's degree level or above is much higher than that of any of the comparison groups. If rates of participation and unemployment are taken as indicators of labor market success, then Filipinos are doing very well, but there is evidence that their high levels of human capital are not being recognized in the (Canadian) labor market." [Asian Pacific Post](#)

The Bonnie Blink Project at Queen's University: *The Bonnie Blink Project: Land Use History* is based on an upper-year human/physical geography seminar course entitled Land Use History: An Integrative Field Research Course that was jointly offered by Anne Godlewska and Neal Scott in 2012. The project brought together fourth-year Queen's University geography students, artists, Island historians and community members in 2012 to explore land use history centered around the Bonnie Blink house and the hamlet of Sheguiandah. The Bonnie Blink project was the brainchild of Ms. Edwards and 4elements Living Arts Community Program Coordinator Heather Thoma. The idea for the project was sparked while Ms. Edwards was working on her PhD degree at Queens and approached the geography department about developing a field study course taking students out of the university to examine aspects of particular lived environment over several generations in the same community. While on Manitoulin, the students worked in research teams with artists, community members and historians exploring the land use history of the region and the physical impacts of human development on the area, as well as the geophysical impact of the region on human development. Since the research portion of the project in 2012, the artists involved have been busy developing and creating their pieces which include both gallery-based works and outdoor installations. [The Manitoulin Expositor](#)

Canadian geographers represented at international symposium on aging being held in Tumbler Ridge: From August 25 to 27, experts from around the world will be descending on Tumbler Ridge to discuss the issues around aging in resource communities. The symposium brings rural stakeholders together to advance an understanding of the unique context of rural change in which people are growing old in resource dependent communities that were neither originally designed nor presently equipped to support an aging population. Symposium co-chair Mark Skinner, Director of the Trent Centre for Aging and Society says the purpose for coming together for the symposium "is to advance the field of scholarship on the new phenomena of 'resource frontier aging' —a unique context of rural change underway in resource regions around the world." Speakers include Denise Cloutier, Associate Professor from the Department of Geography and Centre on Aging at the University of Victoria and Greg Halseth, Professor and Canada Research Chair in Rural Studies, Geography Program at the University of Northern British Columbia. [Tumbler Ridge News](#)

U Guelph geographers nominated for CSAHS Teaching Awards: Two faculty members in the Department of Geography at the University of Guelph were nominated for CSAHS Teaching Awards this year in recognition of their high quality teaching and learning. Congratulations were extended to [Kate Parizeau](#) and [Roberta Hawkins](#) for outstanding evaluations from undergraduate students, high praise from graduate students, as well as innovative contributions to course/curriculum development and scholarship of teaching and learning at UofG and beyond. [Guelph Geography News](#)

Memorial U's climatologist examines heat waves in Newfoundland: At the risk of stating the obvious: It's been hot in Newfoundland this summer. This July broke more than a few temperature-related records, gaining the attention of both [local](#) and [national](#) media. By Environment Canada's definition (highs at or above 32C for at least 3 days), heat waves are extremely rare in Newfoundland. For example, St. John's hasn't officially hit that 32C mark once, let alone for three days. So what about this year? To date in 2014, St. John's has had six hot spells and (drumroll)... four heat waves. All began in July, and the last ended on August 5th. In climatological terms, that's more than we'd typically expect in a decade... [Memorial Geography News](#)

Hot Papers by Canadian Geographers

Jeffrey R. Brubacher, Herbert Chan, Penelope Brasher, Shannon Erdelyi, Edi Desapriya, Mark Asbridge, Roy Pursell, Scott Macdonald, Nadine Schuurman and Ian Pike. 2014. [Reduction in fatalities, ambulance calls, and hospital admissions for road trauma after implementation of new traffic laws](#). American Journal of Public Health. doi: 10.2105/AJPH.2014.302068

Weiping Chen and Steffanie Scott. 2014. [Shoppers' perceived embeddedness and its impact on purchasing behavior at an organic farmers' market](#). Appetite. DOI:10.1016/j.appet.2014.08.010

Francisco Flores-Verdugo, Felipe Amezcua, John M. Kovacs, David Serrano and Manuel Blanco-Correa. 2014. [Changes in the hydrological regime of coastal lagoons affect mangroves and small-scale fishers: The case of the mangrove-estuarine complex of Marismas Nacionales \(Pacific coast of Mexico\)](#). In: Fisheries Management of Mexican and Central American Estuaries. Edited by: elipe Amezcua and Brian Bellgraph. Springer Science. Deordrecht. 81-90.

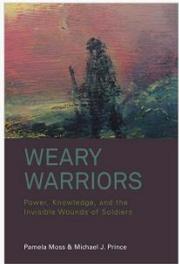
Scott J. Ketcheson, Jonathan S. Price, Susan L. Tighe, and Micheal Stone. 2014. [Transport and retention of water and salt within pervious concrete pavements subjected to freezing and sand application](#). Journal of Hydrologic Engineering. DOI: 10.1061/(ASCE)HE.1943-5584.0001036 ,

Luba Reshitnyka, Maycira Costa, Cliff Robinson and Phil Dearden. 2014. [Evaluation of WorldView-2 and acoustic remote sensing for mapping benthic habitats in temperate coastal Pacific waters](#). Remote Sensing of Environment 153:7–23.

Y. Yu, J. Li, H. Guan, C. Wang and J. Ju. 2014. [Semiautomated extraction of street light poles from mobile LiDAR point-clouds](#). Geoscience and Remote Sensing, IEEE Transactions 99:1-13.

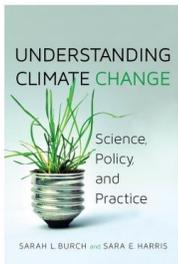
New Books

Moss, Pamela and Michael J. Prince. 2014. [Weary Warriors: Power, Knowledge, and the Invisible Wounds of Soldiers](#). New York: Berghahn.



As seen in military documents, medical journals, novels, films, television shows, and memoirs, soldiers' invisible wounds are not innate cracks in individual psyches that break under the stress of war. Instead, the generation of weary warriors is caught up in wider social and political networks and institutions—families, activist groups, government bureaucracies, welfare state programs—mediated through a military hierarchy, psychiatry rooted in mind-body sciences, and various cultural constructs of masculinity. This book offers a history of military psychiatry from the American Civil War to the latest Afghanistan conflict. The authors trace the effects of power and knowledge in relation to the emotional and psychological trauma that shapes soldiers' bodies, minds, and souls, developing an extensive account of the emergence, diagnosis, and treatment of soldiers' invisible wounds. [Pamela Moss](#) is a Professor in Human and Social Development at the University of Victoria.

Sarah Burch and Sara Harris. 2014. [Understanding Climate Change: Science, Policy, and Practice](#). University of Toronto Press.



Conversations about climate change are filled with challenges involving complex data, deeply held values, and political issues. [Understanding Climate Change](#) provides readers with a concise, accessible, and holistic picture of the climate change problem, including both the scientific and human dimensions. *Understanding Climate Change* examines climate change as both a scientific and a public policy issue. Sarah L. Burch and Sara E. Harris explain the basics of the climate system, climate models and prediction, and human and biophysical impacts, as well as strategies for reducing greenhouse gas emissions, enhancing adaptability, and enabling climate change governance. The authors examine the connections between climate change and other pressing issues, such as human health, poverty, and other environmental problems, and they explore the ways that sustainable responses to climate change can simultaneously address those issues. An effective and integrated introduction to an urgent and controversial issue. [Sarah Burch](#) is an Assistant Professor in the Department of Geography and Environmental Management the University of Waterloo.



Western U PhD candidate Erin Huner in the [Department of Geography](#) is the recipient of the 2014 [CIHR Institute for Aboriginal Peoples' Health](#) Scientific Director's Award for her research on Aboriginal Health. As part of her dissertation, Erin is engaged in a collaborative research project with Bkejwanong First Nation. The aim of her project is to create a framework for an indigenized Traditional Knowledge database containing archival elder interviews.

U Saskatchewan's Lawrence Martz appointed acting vice-dean of social sciences for the College of Arts & Sciences. Lawrence earned his BSc and MSc degrees from the University of Alberta and completed his PhD at the U of S in 1987. [College News](#)

Recent Theses and Dissertations

Gabrielle Gascon. 2014. [Ice-atmosphere interactions on the Devon Ice Cap, Canada: the effects of climate warming on surface energy balance, melting, and firn stratigraphy](#). PhD dissertation. University of Alberta, Edmonton, Alberta. Supervisors: Martin Sharp and Andy Bush.

Other "Geographical" News

What happens when a volcano erupts under a glacier? When Iceland's Eyjafjallajökull volcano blew up in 2010, the relatively small eruption belched out a 30,000-foot-tall plume of ash that shut down airports throughout most of Europe for six days. Now Iceland is warning airlines that another volcano named Bárðarbunga may be about to blow. [Popular Science](#)

The key to a successful PhD thesis? Write in your own voice: There is a tension inherent in writing a PhD. On the one hand, it is an examination of your ability to undertake research independently, and write as an academic. On the other, you have to show you have read all the literature in your field, and can cite the most authoritative scholars. The word "thesis" comes from the Greek tithenai, which literally means "to place" or "to position": my thesis is my position, my point of view, my stance on a certain issue. If I am not able to convey what that is in my writing, then I am no longer writing my own thesis, I am writing the theses of the giants who have gone before me without adding anything to them. [The Guardian](#)

University research: if you believe in openness, stand up for it: We spend years teaching our children to share. Yet from the moment students enter academia, we discourage it. Lock up your work in prestigious subscription journals; keep your data close to your chest; compete instead of collaborate – these are the messages transmitted by peers and mentors. These are the tenets of our unhealthy academic culture. Just about every day we make astounding discoveries, some of which could even save lives. Then we lock that data in journals that most of the population cannot read. We need to change our priorities. [The Guardian](#)

Oklahoma has 20 fracking earthquakes in one day: On Aug. 19 Oklahoma was rattled by 20 earthquakes in one day. It's the latest manifestation of a significant increase in seismic activity in Oklahoma, which scientists believe is being caused by hydraulic fracturing, AKA fracking, to tap into oil and gas under the surface, and by the injection of wastewater from oil-gas wells into brine reservoirs underground. [DNews](#)

Some not so "Geographical" News



The CAG works for geographers on [Twitter](#). Keep up-to-date by following [@CanGeographers](#)

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

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