



**News Digest of the Canadian Association of Geographers
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Compiled by Dan Smith [<cag@geog.uvic.ca>](mailto:cag@geog.uvic.ca)

Ryerson U's Harald Bauder receives 2016 Sarwan Sahota Ryerson Distinguished Scholar Award:

Dr. Harald Bauder is a leading international scholar in the field of migration and settlement whose scientific work at Ryerson University has had a significant societal impact. His research has broken new ground on the conceptualization of the relation between immigration policies and national identity, and the labour market integration of immigrants. He is the founding Academic Director of the Ryerson Centre for Immigration and Settlement (RCIS). Dr. Bauder is the author of 4 books & 4 edited volumes, 67 refereed journal articles, 13 book chapters, 3 conference proceedings, 36 discussion papers & reports, 10 book reviews and 28 non-refereed publications. He has published with major academic presses including the University of Toronto Press, McGill-Queen's University Press, Routledge and Oxford University Press. One indication of his scholarly impact is the number of Google Scholar citations of his works which totals an impressive 2,102. [Ryerson U Recognition](#)

Ryerson U's Claus Rinner presented with 2016 Deans' Scholarly, Research and Creative Activity Award:

Dr. Claus Rinner is a high-impact scholar in the field of geographic information systems (GIS) research. A decade of NSERC-funded research on geospatial data analytics has culminated in the co-authorship of a research monograph published in February 2015. Dr. Rinner also published three peer-reviewed journal articles, a peer-reviewed book chapter, and a peer-reviewed conference paper in 2014/15; all of these were co-authored by Dr. Rinner's graduate students. In addition to an NSERC Discovery Grant, Dr. Rinner also participates in a SSHRC Partnership Grant on the participatory geospatial Web and is a collaborator on several other SSHRC and CIHR grants. [Ryerson U Recognition](#)

U Victoria's Dave Duffus launches subsea glider to track whales and reduce ship-whale collisions:

University of Victoria researchers hope to have a whale of a tale on their hands when their unmanned, subsea glider returns from the depths next month. Geographer David Duffus and his team at UVic's Whale Research Lab launched a two-metre underwater drone off the western coast of Vancouver Island last week and sent it on a 23-day mission along the shelf break in Clayoquot Canyon to give scientists a rare glimpse into the behaviour and habitat of the region's whales. "We really don't know much about the lives of whales," Duffus told Metro. "This will give us a snap shop of the animals, what they're feeding on and what their habitat is like. It's really poorly understood, especially further off the coast of B.C." The glider, which is on a preprogrammed route and reports back every few hours, is equipped with acoustic sensors, sonar and hydrophones that will allow researchers to identify whales and their movement by sound. Several species of large baleen whales, such as humpback, sei and blue, are expected to show up in the data. Duffus even hopes the glider will come across a rarity in these waters, the Pacific right whale. "Some of the species we hope to find out there are endangered," he said. [Vancouver Metro](#) | [Vancouver Sun](#)

Simon Fraser U's Roger Hayter on the impact of the Canada-U.S. softwood lumber treaty: The recent expiration of the Canada-U.S. Softwood Lumber Agreement (SLA) has come at pivotal time for the Canadian lumber industry. Dr. Roger Hayter, a geography professor at Vancouver's Simon Fraser University, said the Canada-U.S. softwood lumber dispute has had "a major impact" on Canada's lumber industry over the decades. "It's been a tremendous shock and disappointment to the industry," said Dr. Hayter, who co-authored a paper published last year on the most recent phase of the dispute — what he calls phase 4 — that preceded the 2006 agreement. In that paper, he traced the origins of the lumber dispute to a recession in the early 1980s, labelling the dispute "unusually long and acrimonious." He also noted that Canada traded lumber freely from 1947, with the introduction of the General Agreement on Tariffs and Trade, until 1981 when a U.S. lumber lobby group called the Coalition for Fair Canadian Lumber Imports began claiming that Canadian lumber exports were unfairly subsidized. "Overall, Phase 4 was expensive, convoluted, and rancorous, fuelled by unilateral U.S. action to collect punitive duties and taxes from Canadian firms," Dr. Hayter and his co-authors wrote. The dispute was taken to the World Trade Organization, which ruled that the U.S. had illegally collected duties from Canada since 2002. The U.S. International Trade Commission agreed to pay the duties back but by 2006 the new lumber-treaty had been negotiated. Among the terms of the deal were that the U.S. would return only 80 per cent of the duties. Of the \$1 billion that the U.S. kept, it gave half to the Coalition for Fair Canadian Lumber Imports, the paper said. [Canadian Sailings|Transportation & Trade Logisitics](#)

McGill U's Renee Sieber and participatory GIS: In North America, community-based mapping got its start in the '90s when university students with access to computers and GIS software worked with grassroot organizations to analyze the impact of activities that could harm the environment, such as mining, drilling and logging. Dr. Renne Seiber, associate professor of geography at McGill University and Chair GIScience 2016, began her career as a community organizer, during which time she observed the use of maps made by third parties that didn't necessarily reflect the whole truth about conditions. To counter the misleading representations, she and her co-workers began making their own maps. Back in the 1990's the technology was difficult to work with," Seiber said. "But I really believed that communities should make their own maps and not wait for someone else who probably didn't have firsthand knowledge of the issues in the area." Discovering Invisible Data: Participatory GIS, in [Apogeo Spatial](#) (p.14)

Western U Geography announces new awards: Starting in the Fall of 2016, the **Imran Jaffer Memorial Award in Urban Development** will be awarded annually to a full-time student entering Year 3, Honors Specialization of the Urban Development Program (UDP) or the combined UDP/Ivey program, with a 70% minimum average. Preference will be given to a student who has demonstrated active community leadership or volunteer involvement. This award was established through the Imran Jaffer Foundation, and the family and friends of Imran Jaffer in celebration of his life, and to recognize a student who shares Imran's qualities, values and interests. The hope is that future students will receive the assistance they require to fulfil their dreams and aspirations. The IJF also facilitated the development of a summer **Imran Jaffer Internship** with Jones Lang LaSalle (JLL), a leading financial and professional services firm specializing in commercial real estate services and investment management. The internship will celebrate and recognize a third-year student in the Geography – Urban Development Program, or 3rd or 4th-year student in the Geography-UDP/Ivey HBA program, who shares similar qualities, values and interests to Imran, and will help them pursue their dreams and aspirations towards a fulfilling career in commercial real estate. The inaugural recipient of the IJF-JLL Internship is **Dianne Ramos**, a 3rd-year student in the Urban Development Program. [Western Geography News](#)

Ryerson U Geography students, alumni help track the spread of Zika virus: Imagine a 4th-year internship placement with global impact. At BlueDot, Geography undergraduate and graduate students are working as data engineers, GIS analysts, and cartographers to support real-time infectious disease research and response. Ryerson Geographers are increasingly sought for careers in public health data analytics. Based at St. Michael's Hospital's Li Ka Shing Knowledge Institute, BlueDot uses big data to predict the outbreak and spread of diseases. Launched in 2013 by Dr. Kamran Khan after a long gestation period, the company gathers experts in geographic information systems (GIS), spatial analysis, data visualization and computer science to create mathematical predictive models. BlueDot has already made headlines for predicting the spread of the Zika virus from Brazil. "We're mapping the disease to see different levels in prevalence," said Carmen Huber, a fourth-year Geography student working part-time at the company. "A lot of the time we're looking at travel data in and out of affected areas, or looking at environmental factors. With Zika, we look at the areas in which the mosquito that can carry Zika is able to survive. ... The maps we create make it very easy for decision-makers to actually visualize the data." How does geography play into medical science? "Geography is so multidisciplinary," said Anne Christian, a full-time Ryerson Master of Spatial Analysis (MSA) student on a practicum placement at the company. "In terms of health, geography can be used to map the spread of the infectious disease, and map areas with the most risk. If you want to find areas in Toronto where people are most susceptible to catching a specific virus, you might want to check the population density, or where are people travelling where they might come into contact with many different people, or airports where people are coming into Toronto." [Ryerson University News](#)



Hon. Glen Murray inspires Ryerson Geography students. Minister of the Environment and Climate Change invited to EUS801 classroom, to discuss sustainable cities with the graduating class of our BA in Environment and Urban Sustainability. [Ryerson by Rinner](#)

Other "Geographical" News

Unaccounted for Arctic microbes appear to be speeding up glacier melting: Scientists have discovered that Arctic microbes are increasing the rate at which glaciers melt, in a process not accounted for in current climate change models. Working on an icecap in Svalbard, in the far north of Norway, the team showed that this process is driven by a single species of photosynthetic bacteria, from the genus *Phormidesmis*. [ScienceDaily](#)

Geography's place in the world. Is the subject's amalgam of a wide range of subject matter and methodologies a strength or a weakness? Geographers can't claim pre-eminence for their subject. Memories of the mocking we received in the recent past helps to keep us in our place – and to understand geography is to understand that politics, economics, sociology, history, languages, chemistry, biology, physics and philosophy also matter very much. [Times Higher Education](#)

All-nighters and self-doubt: learn from our dissertation disasters: It's likely to be the greatest academic challenge you'll face as a student. Speak to a finalist working on their dissertation and they'll probably respond with a despairing whimper. Because writing a thesis is not a fun thing to do. You'll feel a marathon runner's pride as you hand over that wad of freshly-bound paper. But it will have taken its toll. [The Guardian](#)

Hot Papers by Canadian Geographers

Boadi Agyekum and K. Bruce Newbold. 2016. [Sense of place and mental wellness of visible minority immigrants in Hamilton, Ontario: Revelations from key informants](#). Canadian Ethnic Studies 48:101-122

Theodore K. Fuller, Jeremy G. Venditti, Peter A. Nelson and Wendy J. Palen. 2016. [Modeling grain size adjustments in the downstream reach following run-of-river development](#). Water Resources Research. DOI:10.1002/2015WR017992

J.J. Gibson, S.J. Birks, Y. Yi, M.C. Moncur and P.M. McEachern. 2016. [Stable isotope mass balance of fifty lakes in central Alberta: Assessing the role of water balance parameters in determining trophic status and lake level](#). Journal of Hydrology: Regional Studies 6:13–25.

D.I. Jeong, A. St-Hilaire, Y. Gratton, C. Bélanger and C. Saad. 2016. [Simulation and regionalization of daily global solar radiation: a case study in Quebec, Canada](#). Atmosphere-Ocean. DOI:10.1080/07055900.2016.1151766

Ziwei Liu and Huhua Cao. 2016. [Spatio-temporal urban social landscape transformation in pre-new-urbanization era of Tianjin, China](#). Environment and Planning B. Planning and Design. DOI:10.1177/0265813516637606

Cherie J. Westbrook and Angela Bedard-Haughn. 2016. [Sibbald Research Wetland: Mountain peatland form and ecohydrologic function as influenced by beaver](#). The Forestry Chronicle 92:37-38.

Jordan York, Martha Dowsley, Adam Cornwell, Mirosław Kuc and Mitchell Taylor. 2016. [Demographic and traditional knowledge perspectives on the current status of Canadian polar bear subpopulations](#). Ecology and Evolution. DOI:10.1002/ece3.2030

Megan Youdelis. 2016. [“They could take you out for coffee and call it consultation!”: The colonial antipolitics of Indigenous consultation in Jasper National Park](#). Environment and Planning A. DOI: 10.1177/0308518X16640530

Some not so “Geographical” News



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