



NRESi Bi-WEEKLY NEWS

Aug 8 - Sept 9, 2016

A newsletter for faculty, staff, students and the community
who participate in the
Natural Resources & Environmental Studies Institute
and NRES Graduate Programs

NRESi NOTES

FROM THE DIRECTOR & RESEARCH MANAGER

Hello everyone,

Welcome to the new semester! As Darwyn Coxson, the NRESi Director is presently on sabbatical leave, I will be filling in as Acting Director until January 2017.

September always feels like the real 'new year' especially for those of us in academia, as we make the transition from a focus on research and other summer activities to a new focus that usually adds teaching. Over the summer the NRES Institute held its inaugural Advisory Committee meeting, with a follow-up meeting planned over the coming months. The Advisory Committee is made up of: Shannon Carson (Ministry of Forests, Lands and Natural Resource Operations, Luke Gleeson (Tsay Keh Dene Nation, Hardy Griesbauer (College of New Caledonia), Melanie Karjala (BC Oil and Gas Commission and Trevor McConkey (SNC Lavalin). We are very grateful to the Advisory Committee members for giving their time and energy in order to help develop the NRESi.

We have an exciting slate of Colloquia planned for the Fall semester – all available 'regular slots' were filled well before the start of term – the earliest I can remember – thanks very much to Al for his good work in this. I look forward to seeing you at the Institute's Fall events.

Peter Jackson
Acting Director, NRESi

Hello folks

Hope that everyone had a good summer.

This is my first 'September' as the Research Manager and I am really enjoying the energy and excitement on campus. As Peter has said the fall colloquium schedule is full. We have a great line-up of speakers for this semester. Our NRESi Annual Lecture will feature Dr. Dominick DellaSala from the GEOS Institute who will be speaking on October 27th. He will also be giving a colloquium presentation on the 28th.

Also the NRESi Annual awards are planned to be presented at the October 21st colloquium.

I am now working on filling the winter semester colloquium schedule. Ideas and suggestions for speakers or topics is certainly welcome. You can reach me at al.wienczyk@unbc.ca

Al Wienczyk, RPF
Research Manager, NRESi

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We're on the web at : www.unbc.ca/nres-institute/newsletter

UPCOMING EVENTS

NRESi COLLOQUIUM

The fall colloquium session kicks off with a presentation by Dr. Briony Penn on September 16, 2016, followed by Dr Travis Gerwing on the 23rd. Watch for announcements closer to the lectures confirming the presenter and topic. Lectures for the fall semester will be held in room **7-150**.

Planning for the winter 2017 colloquium series is currently underway. If you any suggestions for speakers, or if you would be willing to make a presentation yourself please contact me via email using the email address below.

TENTATIVE FALL SEMESTER COLLOQUIUM SCHEDULE

Presentation Date	Tentative Presenter and/or Topic
Sept 16, 2016	Dr. Briony Penn, University of Victoria. The Real Thing: The Natural History of Ian McTaggart Cowan.
Sept 23, 2016	Dr. Travis Gerwing, UNBC. From beavers to benthics. NRES and beyond.
Sept 30, 2016	Dr. Francis Zwiers, Pacific Climate Impacts Consortium
Oct 7, 2016	Dr Fiona Johnston, Leibniz-Institute of Freshwater Ecology and Inland Fisheries, Berlin, Germany
Oct 14, 2016	Ron Long, Pink Mountain Biodiversity Initiative
Oct 21, 2016	TBA— followed by NRESi Awards Ceremony
Oct 28, 2016	Dr. Dominick DellaSala, GEOS Institute
Nov 4, 2016	Alexandre Bevington, BC Ministry of Forests, Lands and Natural Resource Operations
Nov 18, 2016	TBA—Inspiring Women Among Us (IWAW) sponsored speaker
Nov 25, 2016	Dr. Susan Wood-Bohm—Executive Director—Biological GHG Management—Alberta Innovates

UPCOMING EVENTS

NRESi COLLOQUIUM

Dr. Briony Penn

School of Environmental Studies, University of Victoria

[The Real Thing: The Natural History of Ian McTaggart Cowan](#)

Dr. Penn is going to present her book “The Real Thing: A Natural History of Ian McTaggart Cowan” and share stories about Ian McTaggart Cowan who was known as the ‘father of Canadian ecology’. The Cowan Life and Legacy tour is sponsored by Sitka Foundation.



Cowan was a major researcher and advocate for the north. His biological inventory of the Peace Region prior to the WAC Bennett dam, one of the few biological inventories before the dam, later led to his advocacy for caution on large-scale hydro-electric projects starting in 1949. He spent a lot of time in Mackenzie looking at wildlife species from muskrats to caribou, which led to his friendship with Justice Tom Berger during the Mackenzie pipeline enquiry, and the establishment of guidelines for the first environmental assessment enquiries. He was a major advocate for subsistence lifestyles being a hunter himself and was respected by both scientists and keepers of traditional knowledge.

Book signing to follow.

Friday, Sept 16, 2016

3:30 pm - 4:30 pm

Room: 7-150

To participate remotely: <http://www.unbc.ca/nres-institute/colloquium-webcasts>

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UPCOMING EVENTS

Jane's Walk Prince George—September 10, 2016 (various times and locations throughout the city)

Prince George's first ever Jane's Walk is taking place throughout the city on Saturday, September 10th. Jane's Walks are free, citizen-led walking tours that encourage local residents to explore different neighbourhoods, meet new people, and share stories about their experiences living in their communities. CIRC will be leading a walk and discussion focused on the past, present and future of resource-based towns and cities along the Fraser River. For more information about Jane's Walks, visit <http://janeswalk.org/canada/prince-george/> (note: this website is not compatible with Internet Explorer).

UPCOMING EVENTS

Canada's Forest Sector: Adapting to a new reality. Technology and innovation as a catalyst for success.

Canadian Institute of Forestry: 2016 AGM and Demo International®

September 19-21, 2016

Vancouver, BC.—Four Seasons Hotel

This conference is being co-hosted by the UBC Faculty of Forestry, and the Canadian Woodlands Forum (CWF) in association with FPInnovations, the Council on Forest Engineering (COFE) and the Canadian Institute of Forestry (CIF).

Over the course of the conference, twelve individual themes with over eighty speakers from across Canada and internationally will address key topics such as: new silviculture practices, logistics and transportation; adapting to steep slopes; ground based harvesting systems; forest biomass production and handling; new technology in forest management, forest roads, forest modelling and human factors and safety.

The 108th Annual General Meeting of the CIF and the 2016 Annual Meeting of COFE as well as Awards Banquets for both organizations are being hosted at this conference as well. A variety of interesting pre and post conference tours have been planned as well, make sure to [register](#) your spot on the tour of your choice on the conference website early as space is limited!

This conference will also provide delegates with an opportunity to attend the Demo International® Equipment show, owned and presented by CWF and hosted by the UBC Faculty of Forestry, which runs from September 22-24 in Maple Ridge, BC. Occurring only every four years, this world class event has evolved into one of North America's largest outdoor equipment shows, all in a 'unique' setting, the forest; live and in action!

Make sure to take advantage of the '[early-bird' registration fees](#), and don't forget to book your hotel room at the Four Seasons Hotel! Please visit the conference website for full program and other related details: <http://www.demointernational.com/>.

On behalf of the Demo International® 2016 technical conference partners, we would like to encourage your participation and hope to see you in Vancouver this September!

UPCOMING EVENTS

2nd Call for Papers and Registration Open:

Between Tradition and Increasing Challenges: Future Development of Small-scale and Community Forestry in times of global change.

IUFRO International Conference

September 26-29, 2016

Foz do Iguacu, Brazil

Post conference tour:

September 30—October 2, 2016

Misiones, Argentina

For more information: <http://www.latinamericajointiufromeeting.com/>

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UPCOMING EVENTS

BC Nature Fall Annual General Meeting 2016

Northern Treasures: Fish, Fur, Feathers

September 22-25, 2016

Prince George BC

The [Prince George Naturalists Club \(PGNC\)](#) is pleased to host the BC Nature Fall General Meeting (FGM) from September 22 – 25, 2016 in Prince George, BC. Prince George is a hub for outdoor recreation and offers unique natural wonders to outdoor enthusiasts.

We invite all interested BC naturalists to join us and participate in field trips, enjoy presentations from knowledgeable speakers from throughout the north, and help guide BC Nature's objectives to support conservation, education, and outdoor recreation. We look forward to sharing this wonderful and unique part of BC with you. Visit the website for more information: <http://pgfgm2016.ca/>

UPCOMING EVENTS

2016 Southern Interior Silviculture Committee (SISCO) fall field tour

"Back to the Future" - Looking at previously harvested stands to help predict what current harvesting practices might bring in the future.

September 27-28, 2016

Summerland, BC

For more info as it becomes available visit <http://siscobc.com/>

UPCOMING EVENTS

CALL FOR STUDENT RESEARCH POSTERS

Watersheds 2016: *Building Capacity for Collaboration and Watershed Governance in BC*

September 30 - October 1, 2016

Vancouver, BC

For detailed event information and a preliminary program, please visit the Watersheds 2016 website: <https://watersheds2016forum.wordpress.com>

Submissions will be reviewed by the Event Organizers. Up to 10 spaces are available for student research posters. Alternative display formats are possible but students are asked to contact organizers to discuss first.

Criteria:

- A student (graduate student, undergraduate), or youth-based project.
- A BC-focused or relevant project that relates to the themes of the conference: watershed-focused collaboration, watershed governance, Indigenous-led water governance initiatives, water policy & law.
- Submission of title, approximately 250 word abstract describing the project and authors submitted by deadline: **July 29, 2016.**
- Co-authored posters are acceptable as long as the student is an author and it is the student who attends the conference and presents the poster.
- Consideration will be given to geographic diversity of presenters and their research.

Financial support

- Travel bursaries are not available. Students will receive a formal letter confirming their participation and are encouraged to apply for travel support from their supporting institution.
- Registration costs will be partially or entirely waived for students who can commit to a note-taking role.
- Student early-bird registration rate (\$200) applies to those who have a poster, but do not note-take.

Please contact Natasha Overduin: research@polisproject.org with your application, or to further discuss this opportunity.

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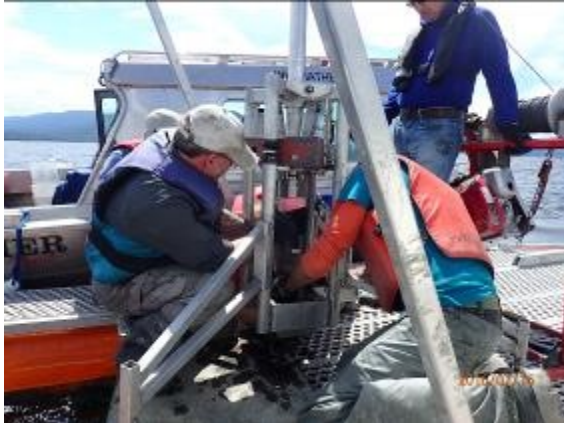
UPCOMING EVENTS

Quesnel River Research Centre Annual Open House

October 1, 2016

Likely, BC

The Quesnel River Research Centre (QRRC) at Likely will be holding its annual Open House on Saturday 1st October, with presentations scheduled to begin at 10am, followed by lunch.



A crew from the QRRC, UBC and Bedford Institute of Oceanography retrieve a sediment core from the bed of Quesnel Lake, July 2016

The QRRC has had a busy summer, hosting scientists based at several Canadian and overseas universities, and individuals originating from Iran, China, Israel, South Africa, Ireland, Italy, the USA, UK – and Canada.

As well as both new and ongoing projects by post-graduate students from UNBC, and the continuation of sampling from Quesnel Lake and its associated rivers to monitor the impacts of tailings released from the Mount Polley mine in August 2014, activities included the first phases of fieldwork under a major new research program headed from UNBC by Drs Ellen Petticrew and Phil Owens.

We invite you to join us on 1st October, to learn more about current research based at the QRRC, and to explore opportunities for contributing to its future scientific development.

More information about the QRRC is available at <http://unbc.ca/qrrc>

Social Sciences and Humanities Research Council funding opportunity

SSHRC has just launched its 4th **Knowledge Synthesis Grant** competition “**How are the knowledge systems, experiences and aspirations of First Nations, Inuit and Metis peoples essential to building a successful shared future for all Canadians**”

SSHRC Knowledge Synthesis Grants are valued at \$25,000 and are tenable for one year. Applications are submitted as PDF documents via email.

Application deadline: September 13, 2016

More information about grant eligibility and the application process can be found at: http://www.sshrc-crsh.gc.ca/funding-financement/programmes-programmes/ksg_aboriginal_peoples-ssc_peuples_autochtones-eng.aspx

Fish and Wildlife Compensation Program funding opportunity

The Fish and Wildlife Compensation Program is accepting grant applications now for fish and wildlife projects starting in 2017. They offer seed grants to help get project ideas started, small grants for projects under \$20,000, and large grants for projects valued at more than \$20,000.

Projects must align with the [FWCP Action Plans](#) and other priorities. Grant applications are due **October 28, 2016**. Anyone applying for a project in the Peace Region **MUST** complete and submit a Notice of Intent (NOI) by **September 21, 2016**. The NOI assists with engaging with First Nations and ensures that projects align with FWCP [Action Plans](#). See the [Grant Application Info Kit](#) for all the details.

Applications are submitted through the FWCP [online grant application](#). For new grant applicants, start by registering and then follow the instructions. If you applied last year, you can copy content from previous grant applications.

Grant applications by mail, fax, or email are no longer accepted.

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NRES Field Schools

Students involved in NREM 333 - Field Applications in Resource Management returned unscathed on Sept 2nd, from a jam-packed 12-day field adventure! The field modules were presented by a variety of UNBC and industry/community representatives, and provided a variety of excellent



learning opportunities for students. **Lisa Wood**, 2016 Field Camp Coordinator, would like to extend a big thank-you to all those who came out and participated. Next year we will try to order better weather!



In addition, the 3rd edition of the Fungi and Lichens 10-days field course (co-taught by **Keith Egger** and **Hugues Massicotte**, with a lichen day by **Darwyn Coxson**) was held in Terrace the last 2 weeks of August. By all accounts, it went very well!

TRAVEL & CONFERENCES

Gail Fondahl spent most of August carrying out fieldwork in Eastern Siberia for a new research project, "Indigenous Territorial Rights in the Russian Federation: A Quarter Century Onward." She and two Sakha colleagues, Antonina Savvinova (Geography, Northeastern Federal University, Yakutsk) and Viktoriya Fillipova (Institute for Humanities and Problems of the Indigenous Peoples of the North, Yakutsk) traveled to the native (Evenki) village of Tyanya, in southwestern Sakha Republic (Yakutia), where Gail and Antonina had carried out fieldwork 17 years ago.

From Aug 4th to Aug 15th **Oscar Venter** travelled to Indonesia to attend a working group exploring the role of forestry in climate mitigation efforts in East Kalimantan province of Indonesia. The working group is funded by an Australian Research Council grant to Oscar, and an NCEAS working group grant to The Nature Conservancy. Two post-docs have been hired to work on the project for the next two years, and it is anticipated that their findings will feed into a World Bank demonstration project for REDD+ (Reducing Emissions from Deforestation and forest Degradation) in the province.



Antonina, Mikhail Bagaev, Gail and Viktoriya: Antonina and Gail had worked with Mikhail Bagaev in 1999.

Staffan Lindgren presented a talk about the mountain pine beetle to the Nanoose Naturalists on Thursday, September 8, and the following evening he gave a similar talk, albeit in Swedish, to a group of Swedish foresters in Port Alberni. Staffan has presented to this group's annual tour of British Columbia, which is arranged by Skogsresor (Forestry tours), for the past 4-5 years. Skogsresor arranges a number of worldwide tours for Swedish foresters, including Canada, USA, and Australia.

Cumulative Impacts Research Consortium (CIRC) news

Madeline Wilson is the new Communications Lead for the CIRC. Madeline received her MSc in Environmental Studies from the University of Victoria and has keen interests in resource development in rural and remote communities in BC.

The CIRC has two upcoming events: A day workshop in Fort Nelson on October 26, 2016 and a 1/2 day workshop in Fort St John on November 29, 2016 to discuss cumulative impacts and resource development in the Peace Region, and start the conversation on Cumulative Impact Assessment tools.

Pacific Institute for Climate Solutions (PICS) news

Michelle Connolly from PICS will be giving short presentation to graduate and undergraduate classes this semester about opportunities with PICS.

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PUBLICATIONS

- Petrov, A.N., S. BurnSilver, F.S. Chapin III, **G.Fondahl**, J. Graybill, K. Keil, A.E. Nilsson, R. Riedlsperger and P. Schweitzer (2016) Arctic sustainability research: toward a new agenda, *Polar Geography*, 39(3): 165-178, <http://dx.doi.org/10.1080/1088937X.2016.1217095>
- Bakri, T., **P.L. Jackson**, F. Doherty, 2016: A Synoptic Climatology of Strong Along-channel Winds on the Coast of British Columbia. *International Journal of Climatology*, DOI: 10.1002/joc.4820.
- Islam, N., **P.L. Jackson**, J. Aherne, 2016: Ambient nitrogen dioxide and sulfur dioxide concentrations over a region of natural gas production, Northeastern British Columbia, Canada. *Atmospheric Environment*, **143**, 139-151. <http://dx.doi.org/10.1016/j.atmosenv.2016.08.017>
- Reiffarth, D.G., **Petticrew, E.L., Owens, P.N.**, Lobb, D.A. (2016). Sources of variability in fatty acid (FA) biomarkers in the application of compound-specific stable isotopes (CSSIs) to soil and sediment fingerprinting and tracing: A review. *Science of the Total Environment*, 565, 8-27.
- Venter O.**, Sanderson E.W., Magrath A., Allan J.R., Beher J., Jones K.R., Possingham H.P., Laurance W.F., Wood P., Fekete B.M. 2016. Sixteen years of change in the global terrestrial human footprint and implications for biodiversity conservation. *Nature Communications* 7. (Note: This paper generated 24 separate radio interviews with CBC stations across the country to discuss our results. It was also covered by the Guardian in the UK, National Geographic, Huffington Post, CBC news and 60 odd other outlets, and there has been 14 000 full text downloads of the paper.)
- Venter O.**, Sanderson E.W., Magrath A., Allan J.R., Beher J., Jones K.R., Possingham H.P., Laurance W.F., Wood P., Fekete B.M. 2016. Global terrestrial Human Footprint maps for 1993 and 2009. *Scientific Data* 3:160067.
- Watson J.E.M., Shanahan D.F., Di Marco M., Sanderson E.M., Mackay B., **Venter O.** 2016. Catastrophic Declines in Wilderness Areas Undermine Global Environment Targets. *Current Biology*.
- Watson J.E.M., Jones, K.R., Fuller R.A., Di Marco M., Segan D.B., Butchart S.H.M., Allan J.R., McDonald-Madden E., **Venter O.** 2016. Persistent Disparities between Recent Rates of Habitat Conversion and Protection and Implications for Future Global Conservation Targets. *Conservation Letters* DOI 10.1111/con.12295
- Venter O.**, Watson J.E.M. 2016. Signs of hope for nature in a rapidly degrading world. Op Ed for Scientific American. <http://www.scientificamerican.com/author/oscar-venter/>
- Di Marco, M., J.E.M. Watson, H.P. Possingham, and **O. Venter**. 2016. Limitations and trade-offs in the use of species distribution maps for protected area planning. *Journal of Applied Ecology* doi: 10.1111/1365-2664.12771

IN THE NEWS

CNC receives one million to establish industrial research chair

September 7, 2016

The College of New Caledonia and the regional forest industry in central British Columbia have partnered to establish a long-term industrial research chair in forest health. The Natural Sciences and Engineering Research Council (NSERC) has announced a one million dollar grant for CNC, to fund the position for five years. The one million dollars will be supported with \$100,000 in funding from the CNC Research Forest Society, \$160,000 in funding from industry partners, and an additional \$2,000,000 of in-kind funding from numerous partners as well. The position will be filled by Richard Reich, a CNC Natural Resources and Environmental Technology (NRET) instructor.

Reich will work closely with forest companies and collaborating scientists, from government and the post-secondary sector, to develop innovative tools that will help mitigate the impacts of forest diseases on the productivity and resilience of young managed forests in British Columbia.

Over the past twenty-six years, Reich has conducted extensive research and development in forest pathology. His focus (con't next page)

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IN THE NEWS

(con't from previous page)

as chair will be on initial research related to stem rust diseases on lodgepole pine trees and armillaria root disease. These diseases are rapidly increasing in some regions of the province and pose serious business and management challenges to the forest industry. The chair will also work with small- and medium-sized companies that develop technology-based geospatial solutions for the forest sector. This technology is used to remotely detect forest health problems using unmanned aerial vehicles and high-resolution digital imagery.

The Chair's research activities will involve faculty, staff and students from the College's NRET program, Biology program and other educational programs. Students involved in this research will learn innovative technologies in the fields of forest health, silviculture, unmanned aerial vehicles, geographic information systems and remote sensing. This will provide students with the enhanced skill-sets necessary to foster innovation in the Canadian forest sector.

IN THE NEWS

(Government press releases)

Banff lake closure put British Columbia on alert for whirling disease

Sept 9, 2016—Victoria. Provincial biologists are calling on British Columbia anglers to take extra precautions following the discovery of a potentially fatal fish disease in an Alberta lake. [For more details...](#)

Forest industry and First Nations team up on new labour market project

Sept 9, 2016—Vancouver. Forestry is one of B.C.'s key economic sectors and today, the Province and the BC First Nations Forestry Council (BCFNFC) have announced a new labour market partnership project. [For more details...](#)

Tackling invasive species in B.C. Interior

Sept 9, 2016—Williams Lake. A \$1.16-million Job Creation Partnerships project developed by the B.C. government and the Invasive Species Council of B.C. is putting people to work weeding out invasive plants and species in five Interior communities. [For more details...](#)

Study helping B.C.'s resource companies retain Aboriginal workers

Sept 8, 2016—Prince Rupert. A provincially funded Labour Market Partnership study will find best practices for resource companies to recruit and retain Aboriginal workers in northwestern British Columbia. [For more details...](#)

People need to get authorization to collect firewood

Sept 8, 2016—Victoria. As the evenings begin to get cooler, many British Columbians will start lighting their fireplaces or wood stoves to help keep their homes warm. However, people who cut, collect or use firewood must ensure that it was harvested legally. [For more details...](#)

Royal BC Museum to launch healing First Nations program

Sept 7, 2016—Vancouver. The Province is committing \$2 million to the Royal BC Museum to support all interested Aboriginal peoples in British Columbia seeking the return of their ancestral remains and belongings of cultural significance. [For more details...](#)

Colleges, institutes and universities invest in future of Aboriginal students

Sept 6, 2016—Victoria. Eleven public post-secondary institutions in B.C. are receiving funding for additional programs and services to improve the educational outcomes of Aboriginal learners, strengthen partnerships between post-secondary institutions and Aboriginal communities, and increase the relevance of post-secondary institutions for Aboriginal learners. [For more details...](#)

Supporting Aboriginal post-secondary students in the North

Sept 6, 2016—Prince George. Aboriginal students at three public post-secondary institutions in the North will benefit from new and continuing programs and services that will support their success as they work to complete their post-secondary education and training. new protocol agreement will support collaboration to improve educational outcomes for Aboriginal post-secondary students in British Columbia. [For more details...](#)

Factsheet: B.C. puts reconciliation at the heart of relationship with Aboriginal people

Sept 6, 2016—Victoria. The B.C. government is committed to continuing the important work of reconciliation in partnership with Aboriginal people. [For more details...](#)

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IN THE NEWS

(Government press releases)

Aboriginal small business, entrepreneurs to benefit from one-stop resource

Sept 2, 2016—Victoria. As part of the Province's commitment to cut red tape and improve access to important programs and services, the Ministry of Small Business and Red Tape Reduction announced today the release of the Aboriginal Small Business Resource handout. [For more details...](#)

Ancient Forest/Chun T'oh Whudujut Park closed for construction

Sept 2, 2016—Prince George. Drivers along Highway 16 and visitors to the Ancient Forest/Chun T'oh Whudujut Park are advised that the parking lot and Universal Boardwalk and Trail will be closed during parts of September as the Province continues highway intersection improvements and parking lot upgrades to increase the safety and accessibility of the new park. [For more details...](#)

Province sets agenda to address forest sector competitiveness.

Aug 31, 2016—Prince George. The provincial government today released its agenda to enhance the competitiveness of B.C.'s forest sector so that it continues to make investments and provide family-supporting jobs in communities throughout the province. [For more details...](#)

Building trails to employment in Tumbler Ridge

Aug 25, 2016—Tumbler Ridge. A \$270,000 project in Tumbler Ridge is providing work experience and creating better recreation sites for residents and tourists. [For more details...](#)

Vote affirms LNG importance to First Nations

Aug 25, 2016—Victoria. The Province would like to thank members of the Lax Kw'alaams Band for voting in favour of continuing to pursue liquefied natural gas (LNG) development in their traditional territory. [For more details...](#)

B.C. goes high tech to support moose management

Aug 23, 2016—Victoria. A new interactive tool is allowing British Columbians to help wildlife biologists monitor moose populations and inform conservation efforts, Minister of Forests, Lands and Natural Resource Operations Steve Thomson announced today. [For more details...](#)

B.C.'s Climate Leadership Plan to cut emissions while growing the economy

Aug 19, 2016—Vancouver. The provincial government today unveiled the Climate Leadership Plan, leading to the creation of up to 66,000 jobs over the next ten years, and reducing net annual greenhouse gas emissions by up to 25 million tonnes below current forecasts by 2050. [For more details...](#)

New incentive for clean technology to reduce emissions

Aug 19, 2016—Victoria. An innovative Clean Infrastructure Royalty Credit Program (CIRCP), announced today as part of British Columbia's Climate Leadership Plan, is now accepting applications from industry. [For more details...](#)

Major project in Valemount takes another step forward

Aug 17, 2016—Valemount. The Valemount Glacier Destination Resort – a potential year-round skiing and alpine resort worth \$175 million – has taken another step forward with the B.C. government's approval of the master plan. [For more details...](#)

Moose tick study suggests infestation is widespread

Aug 15, 2016—Victoria. More than 60% of moose in a province-wide study showed signs of hair loss associated with a potentially deadly tick infestation, according to a report released by provincial wildlife biologists today. [For more details...](#)

Woodland licence signed with Nee Tahi Buhn Indian Band

Aug 12, 2016—Victoria. The Province has issued a First Nations woodland licence to Nee Tahi Buhn Indian Band, enhancing employment and economic opportunities in the region. [For more details...](#)

Woodland licence signed with Lake Babine Nation

Aug 8, 2016—Victoria. The Province has issued a First Nations woodland licence to Lake Babine Nation, enhancing employment and economic opportunities in the region. [For more details...](#)

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SUSAN STEVENSON MEMORIAL AWARD

As its first project of this kind, the Natural Resources and Environmental Studies Institute (NRESi) has established the Susan Stevenson Scholarship Fund, in memory of wildlife ecologist and NRESi member Susan Stevenson. During a 35-year career built primarily in the BC central interior, Susan designed and implemented important research and inventory projects related to mountain caribou habitat, lichen biology, and silvicultural systems, collaborating with a diverse range of researchers, and gave generously of her expertise to the next generation of scientists. Susan exemplified the Institute's values of interdisciplinary curiosity and unselfish collaboration, and enriched the lives of all those who worked and studied with her.

Efforts have succeeded in reaching the goal of \$15,000 that will be matched by UNBC to allow for an annual award. Additional contributions to the fund are welcomed. The inaugural award will be presented in the 2016-2017 academic year. NRESi would like to thank everyone who contributed to the scholarship!

The following award criteria for the **Susan Stevenson Memorial Award** have been developed:

Value: \$1,000

Eligibility: Available to a full or part time female graduate student enrolled in either the Masters (NRES) or PhD (NRES) degree programs with a research emphasis in one or more of: wildlife ecology, plant biology, forest ecology, or innovative silvicultural systems and practices that emphasize wildlife management and biodiversity objectives.

Criteria: Satisfactory Academic Standing (3.0 GPA)

Conditions: Student is unable to receive this award more than once.

Recipient Selection: Senate Committee on Scholarships and Bursaries on recommendation of the NRESi Steering Committee. Applicants will provide a statement, not exceeding 500 words in length, explaining how their intended research fits within the areas specified for his award.

COLLOQUIUM ARCHIVE

Did you miss a colloquium or special lecture this semester? Visit NRESi's webcast archive to catch up! They can be found on the [NRESi Youtube channel](#).

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