



# NRESi Bi-WEEKLY NEWS

## Nov 21 - Dec 2, 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 RESEARCH MANAGER

Hello everyone,

Well the first semester has flown by and the holiday season is upon us. As the last newsletter of 2016, I would like to take a moment to wish you all the best for a wondrous, joyous, and safe holiday season, and a happy, healthy, and prosperous 2017. See you all in the New Year.

Al Wiensczyk, RPF

Research Manager, NRESi

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### UPCOMING EVENTS

### NRESi COLLOQUIUM

Below is the tentative speaker line-up for the winter colloquium series starting on January 6, 2017. The January 6th colloquium talk is a special event which will be taking place at the Two Rivers Gallery in downtown Prince George. See page 2 for details on this event. The remaining lectures for the winter semester will be held in the Canfor Theatre—Room **6-213**.

### TENTATIVE WINTER SEMESTER COLLOQUIUM SCHEDULE

Presentation Date	Tentative Presenter and/or Topic
Jan 6, 2017	Art and Science for a Change: A special Art, Change, & Creativity NRESi Colloquium—Two Rivers Gallery
Jan 13, 2017	<b>The 'Paleo diet' and the archaeological evidence for the evolution of human diets.</b> Dr. Mike Richards, Simon Fraser University.
Jan 20, 2017	<b>The Resilience of Wildlife Tourism Operations to Environmental Change.</b> Diana Kutzner, UNBC
Jan 27, 2017	<b>Mark Thompson, DWB Consulting Services Ltd.</b>
Feb 3, 2017	<b>Dr. Laurence Smith, UCLA</b>
Feb 10, 2017	<b>Dr. Matt Reudink, Thompson Rivers University, (TBC)</b>
Feb 24, 2017	<b>Dr. Paul Kushner, University of Toronto</b>
Mar 3, 2017	<b>Dr. Jim Pojar</b>
Mar 10, 2017	<b>Dr. Lisa Wood, UNBC</b>
Mar 17, 2017	<b>Andrew Adams, Hope Farms</b>
Mar 24, 2017	<b>Dr. Evelyn Merrill, U of Alberta</b>
Mar 31, 2017	<b>Dr. Michele Venter</b>

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**We're on the web at : [www.unbc.ca/nres-institute/newsletter](http://www.unbc.ca/nres-institute/newsletter)**

## UPCOMING EVENTS

## NRESi Colloquium/Field

### Art & Science for a Change: A Special Art, Change & Creativity NRESi Colloquium

January 6, 2017

Two Rivers Gallery, Prince George.

A shuttle bus will be provided from the UNBC Loop to the Art Gallery. The bus will depart for the gallery at **3:40 pm**.

UNBC-affiliated NRESi members **Dr. Zoë Meletis** (Geography), **Dr. Mark Groulx** (Planning), NRESi Steering Committee Member **Michelle Connolly** (Pacific Institute for Climate Solutions), and 2nd year Environmental Science student, Carleen Paltzat, are collaborating on a project called **Art, Change, & Creativity (ACC): Collaborative searching for climate change knowledge, innovation, and solutions with arts-oriented communities and activities**. This project is a partnership with Two Rivers Gallery, largely via Curator/Executive Director George Harris, and Managing Director Carolyn Holmes. The ACC team has been engaging with the Two Rivers Gallery visitors, local students, and other community members, to offer a suite of art, science, and climate change-related activities, panels, and platforms that encourage local discussions about climate change. Carleen Paltzat, our Student Assistant, led us in co-curating the CHANGE exhibition at the Two Rivers Gallery.



Two Rivers  
Gallery

Friday | Jan 6 | 3:30<sup>pm</sup>

Two Rivers Gallery  
725 Canada Games Way  
www.tworiversgallery.ca

Free admission & refreshments

## Art & Science for a Change

A Special Art, Change & Creativity NRESi Colloquium

**A**rt and science play important and unique roles in the search for solutions to climate change. This NRESi field trip will take place at the Two Rivers Gallery. Guest lectures and discussion will explore why rediscovering the relationship between art and science may be critical to addressing the challenges of climate change.

A free shuttle between UNBC campus and the gallery will be provided.

Please meet in the Canfor Theatre at UNBC at 3:30 pm with appropriate winter dress, or meet us at the Two Rivers Gallery. Talks begin at 4:00 pm.



Al Rempel  
Teacher and Poet

Al Rempel teaches physics and works with at-risk students at the high school level. His books of poetry are *This Isn't the Apocalypse We Hoped For*, *Understories*, and two chapbooks: *Four Neat Holes* and *The Picket Fence Diaries*. His poems have appeared in various literary journals and anthologies. He also enjoys collaborating with local artists in the creation of videopoems.

Dr. Sybil Seitzinger  
Executive Director, Pacific Institute for Climate Solutions

Dr. Seitzinger's work has involved facilitating and integrating the work of scientists and researchers across Africa, the Americas, Asia-Pacific and Europe on global environmental change. As a pioneering scientist, her work at Rutgers centred on land-atmosphere-ocean biogeochemistry, with a focus on changes in the global nitrogen cycle and how humans are affecting it.



Two Rivers Gallery gratefully acknowledges its partnership with PICS/UNBC.

One of the culminating events for this project is a special NRESi colloquium & free/open "double header" of talks (Art & Science for a Change), on Friday, Jan. 6th AT THE TWO RIVERS GALLERY. Local physics teacher and poet **Al Rempel** will read and speak to some of his poetry, and **Dr. Sybil Seitzinger**, Executive Director of the Pacific Institute for Climate Solutions, will address climate change and sustainability. Light refreshments will be provided, and this will also be a last chance to see CHANGE before it comes down on January 8th.

See this UNBC story for further details on **CHANGE**: <http://www.unbc.ca/newsroom/unbc-stories/art-change>. Also note that NRESi member research is featured in the **CHANGE** exhibition labels. **PLEASE JOIN US OFF SITE ON JANUARY 6th, TO RING IN A NEW YEAR WITH OUR NRESi COMMUNITY!**

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## UPCOMING EVENTS

## NRESi/Anthropology COLLOQUIUM

**Dr. Mike Richards**

Department of Archaeology  
Simon Fraser University



### [The 'paleo-diet' and the archaeological evidence for the evolution of human diets.](#)

There is increasing interest in the link between our diets and modern health problems such as obesity and diabetes. A number of researchers in the emerging field of evolutionary medicine have argued that these health problems are due to a mismatch between the hunter-gatherer diets we are perhaps best adapted to ('Palaeolithic' diets) and our current, post-agricultural diets ('Neolithic' diets). This talk will summarise these arguments, and then present the actual archaeological evidence (especially from bioarchaeological methods such as isotope analysis) for how our diets have evolved over the past four million years.

**Friday, Jan 13, 2017**

**3:30 pm - 4:30 pm**

**Canfor Theatre Room: 6-213**

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

## UPCOMING EVENTS

**Canadian Institute of Forestry: Electronic Lecture Series: Earth, Wind and Fire: An update on the Canadian Forest Service's Research Activities.**

Date/Time	Title	Presenter(s)
Jan 11, 2017 10:30 am PST	<b>The Canadian wildland fire information system: More than a website.</b>	<b>John Little</b> —Spatial Data Analyst, and <b>Brian Simpson</b> —Forest Analyst and modeler, Northern Forestry Centre.
Jan 18, 2017 10:30 am PST	<b>Forest Carbon Dynamics</b>	<b>Juha Metsaranta</b> —Research Scientist, Northern Forestry Centre
Jan 25, 2017 10:30 am PST	<b>GHG Mitigation Potential of Forest Bioenergy Use</b>	<b>Jérôme Laganière</b> —Research Scientist, Laurentian Forestry Centre

All electronic lectures are free. Your consideration of CIF/IFC membership would be appreciated. To become a CIF/IFC member: [www.cif-ifc.org/membership-content/become-a-member/](http://www.cif-ifc.org/membership-content/become-a-member/)  
[www.cif-ifc.org/e-lectures/](http://www.cif-ifc.org/e-lectures/)

For additional information or to register, contact the CIF-IFC

**E-mail:** [electures@cif-ifc.org](mailto:electures@cif-ifc.org) **Tel:** 705-744-1715 ext. 585

## UPCOMING EVENTS

## Art Exhibition

**CHANGE—Art and Science on Climate Change**

October 21, 2016—January 8, 2017.

Two Rivers Gallery—725 Canada Games Way, Prince George.

*Change* is an exhibition that does more than call the phenomenon of climate change out. A collaboration between UNBC, the Two Rivers Gallery, and PICS, *Change* uses the permanent collection to offer insight, informative research and useful resources to assist in exploring solutions. This exhibition uses a mix of science and art to show a path forward.

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## UPCOMING EVENTS

## Northern Silviculture Committee Conference

### 2017 Northern Silviculture Committee Winter Conference

#### Common Ground: Silvicultural tools, and Tactics for Diverse Ecosystems and Management Goals.

February 20-21, 2017

Prince George Civic Centre, Prince George, BC

Registration: Early bird—\$275 (until January 15, 2017) \$300 thereafter.

Registration deadline: Thursday, February 16, 2017

Heading into 2017, silviculturists and forest managers in the Central and northern Interior continue to grapple with a diverse and changing set of ecological and social issues, at both the stand- and landscape scales. Our challenge includes the balancing of increasingly-constrained timber supplies, critical wildlife and riparian habitats, important social and cultural values, and bark-beetle-driven harvesting and road-access pressures. A complex challenge indeed.

Our goals as silviculturists and forest planners are to make the best choices we can for the wise stewardship of our forest landscapes, and for present and future generations.

At the NSC 2017 Winter Workshop in Prince George, BC, we present a wide array of speakers from industry, government agencies, and university researchers, with the goal of providing you with better tools and knowledge for these many challenges. The range of topics will encompass:

- Reforestation practices that consider changing climates and forest health challenges.
- Managing and enhancing our existing second-growth mid-rotation forests.
- Adapting our forest planning and silvicultural practices to enhance moose habitat. And
- Improving our silvicultural management of mixedwoods and deciduous forest types.

For more information and to register visit [www.nsc-bc.org/upcoming-events/winter-conference-2017](http://www.nsc-bc.org/upcoming-events/winter-conference-2017)

## UPCOMING EVENTS

## Association of BC Forest Professionals Conference

### 69th Annual Association of BC Forest Professionals Conference and AGM

#### Changing Landscapes, New Opportunities

February 22-24, 2017

Prince George Civic Centre, Prince George, BC.

The 2017 ABCFP forestry conference and AGM will explore how emerging markets, innovative technologies and recent land use decisions are enriching BC's vibrant forest community.

For more information and to register visit the [conference website](#).

## NRESi Members in the News

**Dr Paul Sanborn** and his research on the soils in the Great Bear Rain Forest on Calvert Island off the west coast of central British Columbia, was featured in an article written by Josh Silberg of the Hakai Institute on "A Journey through the Soil Time Machine". Read the article here <https://www.hakai.org/blog/life-at-hakai/journey-through-soil-time-machine>

## Cumulative Impacts Research Consortium (CIRC) news

**Chris Buse** is currently away on a visiting lectureship at the University of Melbourne until the end of December. He will have limited email contact during the next two weeks, but will otherwise be online. During his absence please contact [Madeline Wilson](#) regarding any CIRC business or activities.

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## Pacific Institute for Climate Solutions (PICS) news

**The 2017 Call for PICS internship funding (for public sector organizations) is now open.**

PICS Internships provide support for the hiring of university students from one of the four PICS consortium universities. Internships serve to enhance the students' knowledge and expertise in the area of climate change, as well as to integrate that knowledge into solutions. \$10,000 in internship funding per four-month placement is **available to provincial and local governments and BC-based NGOs.**

Find this year's guidelines and application here: <http://pics.uvic.ca/fellowships/internships>

Application deadline: **midnight, January 9, 2017.**

**Exploring New Issues:**

### **PICS Graduate Fellowships Call 2017**

Faculty members resident at one of the four PICS consortium universities are invited to apply for graduate--- fellowship support for exploration of novel issues that focus on climate---change adaptation or mitigation. Proposals must focus on climate solutions, be relevant to British Columbia, and engage stakeholders/ knowledge users in the design and development of the research.

Please go to the PICS website <http://pics.uvic.ca/research/fellowships> for more details.

Application deadline: midnight—**January 16, 2017.**

Dr. Sybil Seitzinger will be visiting UNBC on **Wednesday, January 18, 2017** to provide an update on the report of PICS' internal review. All those who met with Steve and John, as well as any other interested UNBC personnel inside or outside of the PICS community are welcome. The 2-hour meeting will begin with a presentation by Sybil followed by questions and a discussion. Michelle Connolly will send out a copy of the report to participants before the meeting. Please contact Michelle for a meeting invite if you would like to participate.

Contact Michelle Connolly ([michelle.connolly@unbc.ca](mailto:michelle.connolly@unbc.ca)) if you have any questions or would like a meeting invite.

## Northern Analytical Laboratory Service (NALS) Update

### **New Analytical Chemistry Course for Graduates in January 2017**

CHEM410/CHEM610 (Topics in Analytical Chemistry)

**Schedule Types:** Lecture, Final Exam, Laboratory

**Instructor:** Hossein Kazemian ( [Hossein.kazemian@unbc.ca](mailto:Hossein.kazemian@unbc.ca))

**Prerequisites:** Please contact Instructor

#### **What is this course about?**

An advanced treatment of selected topics in analytical chemistry such as spectroscopy, separation technology and analytical instrumentation. Credit may be granted for both 400 and 600 level offerings of Topics in Chemistry courses.

#### **Who should take it?**

The focus for January 2017 semester will be on atomic spectroscopy. The course outline will be tailored according to students' needs!

This hands-on experience course is designed and recommended for 4th year students and all graduate students from different science programs who want to become familiar with the theory and application of different instrumental techniques at the Northern Analytical Lab Services (NALS) including, but not limited to: ICP-OES, ICP-MS, MP-AES.

#### **When:**

Jan 2017 Semester (Tue: 14:30-17:20 and Thu: 14:00 to 17:20)

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## TRAVEL & CONFERENCES

**Ian Hartley** traveled to University of New Brunswick (UNB) where he gave two talks:

- Friday, Dec 9 to the Department of Physics (MRI Group) at UNB “From NMR to Terahertz: Probing Wood-Water Interactions”
- Monday, Dec 12 to the Magnetic Resonance Imaging Centre & Wood Sensing Laboratory “Applications of Terahertz to Wood Science”

On Monday Dec 12, Ian participated as the PhD External Examiner for “Log Moisture Content Determination with Quantitative Magnetic Resonance” by Clevan Lamason at UNB.

Matt MacDonald and Rajtantra Lihare, both co-supervised by **Stephen Déry** and Trish Stadnyk (University of Manitoba, Adjunct Professor at UNBC), participated in the ArcticNet 2016 conference in Winnipeg, Manitoba, 6-9 December 2016. In total, Matt, Rajtantra and Trish delivered three talks on which Stephen was co-author.

Matt MacDonald, Michael Allchin and Sina Abadzadesahraei (supervised or co-supervised by **Stephen Déry**) are presenting their research at the 2016 Fall AGU meeting in San Francisco, California, 12-16 December 2016.

**Sybillie Haeussler** gave a presentation titled "Restoring Endangered Whitebark Pine Woodlands in Parks of the Southern Skeena Headwaters", **Roger Wheate** gave a presentation “Mapping Glacier Retreat in BC Parks, 2005-2015”, **Oscar Venter** gave a presentation “The Role of Protected Areas in Global Conservation Efforts”, **Kathy Parker** and **Nobi Suzuki** gave a presentation “Potential Conflicts between Development of Natural Resources and High-Value Wildlife Habitats in the Muskwa-Kechika”, **Pamela Wright** gave a presentation “Protected Areas Management Effectiveness Pilot Project”, NRES graduate student Stephanie Coulson, and **John Shultis** gave a presentation “Electronic Media and Children’s Outdoor Recreation: A critical exploration of popular discourses” and NRES graduate student Lindi Anderson gave a presentation “Mapping Wilderness Character in the Muskwa-Kechika Management Area” at the BC Protected Areas Research Forum held Dec. 5-7, at the University of Victoria. In addition, students Stephanie Coulson, Ian Curtis, Rachelle Linde and Odinn Steinsson presented posters at the forum.

## PUBLICATIONS

**Déry, S. J.**, Stadnyk, T. A., MacDonald, M. K., and Gaudi-Sharma, B., 2016: Recent trends and variability in river discharge across northern Canada, *Hydrology and Earth System Sciences*, **20**, 4801-4818.

Picketts, I., **Parkes, M. W.** and **Déry, S. J.**, 2016: Climate change and resource development impacts in watersheds: Insights from the Nechako River Basin, Canada, *The Canadian Geographer*.

**Roy V. Rea, Chris J. Johnson, Brent W. Murray, Dexter P. Hodder**, and Shannon M. Crowley (2016) Timing Moose Pellet Collections to Increase Genotyping Success of Fecal DNA. *Journal of Fish and Wildlife Management*: December 2016, Vol. 7, No. 2, pp. 461-466.

Lesmerises, F., **Johnson, C.J.**, and St-Laurent, M-H. 2016. Refuge or predation risk? Alternate ways to perceive hiker disturbance based on maternal state of female caribou. *Ecology and Evolution*.

## IN THE NEWS

(Government press releases)

**Canada-BC partnership to train British Columbians for cooking and forestry careers**

**Dec 16, 2016—Prince George.** Up to 52 British Columbians from Prince George, Fort St. James and Kelowna are getting the training they need to become cooks and professional log truck operators, thanks to a federal-provincial partnership under the Canada-B.C. Job Fund Agreement. [For more details...](#)

**New program helps first-time home buyers in Prince George.**

**Dec 16, 2016—Prince George.** A new program launched by the British Columbia government to partner with first-time homebuyers on the down payment of their mortgage will benefit first-time buyers in Prince George. [For more details...](#)

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## IN THE NEWS

(Government press releases)

### Province, K'omoks and Qualicum First Nations partner with forestry agreements

**Dec 13, 2016—Courtenay.** Members of the K'omoks and Qualicum First Nations have an enhanced voice in local forest stewardship and greater opportunity for economic development through forestry agreements signed with the Province today, moving British Columbia and the First Nations further down the path of reconciliation. [For more details...](#)

### B.C. joins alliance to fight ocean acidification

**Dec 13, 2016—Victoria.** Today, British Columbia joined Washington, Oregon and California in officially forming the International Alliance to Combat Ocean Acidification. [For more details...](#)

### Heli logging to start this week to combat bark beetles

**Dec 12, 2016—Williams Lake.** Residents of the Williams Lake area will see helicopters in the air this week as the Ministry of Forests, Lands and Natural Resource Operations implements its treatment plan to minimize the spread of Douglas-fir bark beetles on Crown land through selective heli-logging. [For more details...](#)

### Canada and British Columbia invest in new trades facility at the College of New Caledonia

**Dec 9, 2016—Prince George.** Canadians will be better equipped for the well-paying middle-class jobs of today and tomorrow as a result of a \$13.8-million investment in the College of New Caledonia for a new heavy-mechanical trades-training facility. [For more details...](#)

### Comments invited on amendments to Kalum Land Use Order

**Dec 8, 2016—Terrace.** Comments are being accepted until Feb. 28, 2017, on proposed amendments to the 2006 Land Use Objectives Order in the Kiteen (26,000 hectares) and Skeena Islands (4,500 hectares) portions of the Kalum Sustainable Resource Management Plan (SRMP) area in northwestern B.C. [For more details...](#)

### Exploring for Natural Resource Opportunities now easier

**Dec 7, 2016—Williams Lake.** An easy-to-use website that helps British Columbians explore for land-based opportunities was launched today by Minister of State for Rural Economic Development, Donna Barnett. [For more details...](#)

### Energy efficient upgrades support Dease River First Nation

**Dec 6, 2016—Good Hope Lake.** An investment of \$128,120 from British Columbia's First Nations Clean Energy Business Fund will help members of the Dease River First Nation save energy, reduce greenhouse-gas emissions and keep money in their community by saving on utility costs. [For more details...](#)

## RESEARCH FELLOWSHIP FUNDING OPPORTUNITY

[WCS Canada](#) is pleased to announce that with generous support from [The W. Garfield Weston Foundation](#), they are able to award annual fellowships to graduate students to support field research relevant to WCS Canada's conservation objectives at their two long-term conservation sites: the boreal region of northern Ontario and the northern boreal mountains of Yukon and British Columbia.

The application deadline for the 2017 W. Garfield Weston 2015 Fellowship Program is **February 23, 2017**.

For full details about the Fellowship Program and how to apply please go to the WSC Canada [Fellowship page](#).

## Scholarship Opportunity

### 2017 Bullitt Environmental Fellowship

The Bullitt Foundation will start to accept applications for the [Bullitt Environmental Fellowship](#) beginning January 1st. Each year, one graduate student attending a university physically located in British Columbia, Washington State, or Oregon is selected for this prestigious award of \$100,000, distributed over two years.

Eligible candidates will have a strong academic record, a demonstrated capacity for leadership, the promise of emerging as an environmental leader, and be nominated by a university faculty member. Students of color, those who come from a disadvantaged background, or who have overcome significant hardship are highly encouraged to apply for this award.

Application deadline: **April 1, 2017**.

Visit the website for more information, FAQ's, and complete application instructions.

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## On-line course offering\*

### Multivariate Analysis in Community Ecology with PC-ORD

Announcing a live online software training and multivariate analysis short course to be held daily **Monday-Friday 20-24 February** 10:00-15:00 Eastern Standard Time (UTC -5).

These short-courses provide an introduction to the multivariate analysis process for ecological datasets when using the PC-ORD software. Tools will be explained and demonstrated using sample datasets and participants will practice analyses on their own computers.

**Tools include:** Weighted Averaging, Polar ordination, Canonical Correspondence Analysis, Redundancy Analysis, Fuzzy Set Ordination, Principal Components Analysis, Nonmetric Multidimensional Scaling, Cluster analysis, MRPP, Per-MANOVA, Mantel Test, Fourth Corner Analysis, Indicator Species Analysis.

**Skills include:** Importing data, Screening data, Restructuring datasets, Exploring datasets, Preparing datasets, Selecting analysis tools, Interpreting output, Customizing graphs.

Courses are taught by Jeri Peck of Penn State University. Participants must have computers with the PC-ORD software already installed. Sample datasets will be provided in advance. More information can be found at <http://silv.cas.psu.edu/pcord.htm> or email [peckj@psu.edu](mailto:peckj@psu.edu) with specific questions.

The registration fee is \$425 (\$225 for students) and is only payable online by credit card. The required companion book (\$45 + shipping, [www.pcord.com/bookstepbystep.htm](http://www.pcord.com/bookstepbystep.htm)) must be ordered separately no later than the registration deadline.

Version note: this webinar will be taught using PC-ORD version 7. However, there should be no problem attending using version 6 if you have not yet upgraded. It is recommended, however, that you nonetheless upgrade to the Second Edition (2016) of the Step-by-Step companion book, as the course has been redesigned to match the newer edition of the book.

#### Registration Instructions

1. To reserve a place, each registrant must send an email by 1 February to [peckj@psu.edu](mailto:peckj@psu.edu) with the following information: name, email address, and any other information that should appear on the invoice (e.g., institutional address), type of data with which you work (i.e., plant community, fish count, water quality, etc.), and if you qualify for the student rate.
2. Wait for confirmation of registration; you will be sent an invoice for payment with your confirmation.

\* if more than 10 people interested Judi could give the course on-site.

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## LITO AROCENA STUDENT AWARDS

Last December, dear colleague and founding UNBC faculty member, Dr. Lito Arocena passed away after a short battle with cancer. In honour of his memory, a UNBC memorial fund was established to support three student awards, which have recently been instituted:

**Dr. Joselito (Lito) Arocena Memorial Scholarship** (\$1000). Available to a full time undergraduate student who has completed 90 credit hours and is pursuing a Bachelor of Science honours or majors degree in one of the following: Biology, Environmental Science, Geography, or Natural Resources Management. Criteria: Academic excellence

**Dr. Joselito (Lito) Arocena Memorial Undergraduate Thesis Prize** (\$250). Awarded for the best thesis presented by undergraduate students completing an undergraduate major or honours degree in one of: Biology, Environmental Planning, Environmental Science, Environmental Studies, Geography, Natural Resources Management, or Nature-based Tourism Management.

**Dr. Joselito (Lito) Arocena Memorial Graduate Prize** (\$250). The Prize will be awarded to the student nominated by the NRES Graduate Program for the UNBC Governor General's Gold Medal.

Thanks to contributions from donors and UNBC, the fund is currently large enough to endow the \$1000 scholarship in perpetuity. However additional contributions are needed to permanently endow the two prizes, and to increase the amounts awarded over time. If anyone would like to contribute to this fund, through payroll deductions or otherwise, please go to [www.unbc.ca/giving](http://www.unbc.ca/giving) or [www.unbc.ca/giving/employee-giving](http://www.unbc.ca/giving/employee-giving) for more information.

## 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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