



NRES WEEKLY NEWS

March 1 - 5, 2010

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

COMING EVENTS

NRESI RESEARCH COLLOQUIUM SERIES

This Friday



CO-SPONSORED BY:
The Peace/Williston Fish and Wildlife Compensation Program



**George Desjarlais, West Moberly First Nations, and
Melanie Karjala, Project Co-ordinator, Aleza Lake Research
Forest Society**

The Seven Year Itch: Re-visiting and Adapting the Aboriginal Forest Planning Process (AFPP) for Fisheries and Wildlife Management

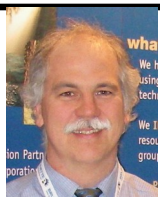
Setting the stage, George Desjarlais from the West Moberly First Nations will present his personal perspective and definition of what Traditional Ecological Knowledge (TEK) is. George refers to TEK as "A Lived Knowledge" and will present examples from his own experiences and those canvassed from other First Nations communities. The intent is to demonstrate how TEK and "Western Science" can complement each other.

In the second part of the talk, Melanie Karjala will reinforce George's points by presenting the Aboriginal Forest Planning Process (AFPP) Guidebook as an example of how TEK was used, and can be used, in forestry and fish and wildlife management. The Aboriginal Forest Planning Process (AFPP) Guidebook was published in 2003 as a community-based strategic forest planning tool written for First Nations. The AFPP used a systemic process derived from social science research techniques to harness Traditional Ecological Knowledge in support of the visioning and strategizing stages of the planning process. Expert reviewers of the AFPP at the time indicated that the process was adaptable to other natural resource and community planning processes other than forestry. Melanie's presentation will identify why First Nation participation is important, review the key goals and stages of implementing the AFPP, and provide examples of how the AFPP could be used for fisheries and wildlife management, including the benefits and realities of implementing such a project.

Feb. 26, 2010

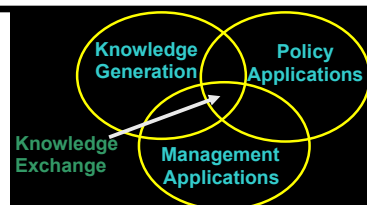
3:30 - 4:30 pm

Lecture Theatre 7-212



**Alan Wiensczyk, Ecosystem & Stand Management Extension Specialist,
Forum for Research & Extension in Natural Resources (FORREX)**

FORREX and Extension: Helping to chart the course from problem to solution



Today in British Columbia, the natural resource management community is facing challenges on a number of fronts including: climate change, alternative uses of forests (e.g., carbon sequestration, bioenergy), forest health (e.g., mountain pine beetle), mid-term timber supply falldown, biodiversity conservation, and community resilience and sustainability. These challenges have created a wide variety of information needs as natural resource managers and community leaders try to develop and implement solutions. Some of these needs may be met with existing knowledge while others will require new research. But how do you identify which needs require further study? How do you identify who has those needs? How do you share results of your research with those who need the information? How do you make sure that the answer gets to the right people so that any necessary changes in policies and/or practices can be made? And how do you evaluate whether your information has been adopted and applied? The answers to these questions are found in the realm of extension. Extension is the art and science of working with the research and operational communities to use existing knowledge and current research results to help inform solutions to problems and identify knowledge gaps so that they can be addressed by future research projects. In this presentation, I will provide some information on the basics of extension, definitions, needs and target audience identification, and information sharing and project evaluation methods. I will also provide information on FORREX Forum for Research and Extension in Natural Resources, the services we provide, and the products that we have produced.

Mar. 5, 2010

3:30 - 4:30 pm

Lecture Theatre 7-152

Unable to make it in person? Watch the colloquium at your desk!

**For Elluminate information and link to the webcast: http://www.unbc.ca/nres/nresi_webcast.html
Log in as "Guest"**

Global Fridays

Senate Chambers

12:00 - 1:30 pm

February 26, 2010

Dr. Emily Spencer, History Program, UNBC

Cultural Intelligence: Key to Global Security and Stability?

NRESi Annual Poster Session

March 18, 2010

UNBC Atrium

Set up: 4:30 pm

Poster Session: 5:00 - 6:00 pm

Showcase your research at the NRESi's Annual Poster Session, preceding the Annual NRESi Lecture. NRES graduate students and NRESi members alike are invited to present posters.

PUBLIC LECTURE

7:00 pm — Canfor Theatre (6-213)

Dr. Bram Noble

Associate Professor, Dept. of Geography & Planning, University of Saskatchewan

Cumulative Environmental Effects and the Tyranny of Small Decisions



ONLINE WEBINAR SERIES

FORREX is hosting "What's New in Forest Productivity Research?" Online Webinar Series in March. All webinars run from 10:30—11:30 am. If you want to register for any of these online webinars, view recordings and presentation materials for past webinars, or for updates and additions to the lineup:

www.forrex.org/program/forest/Forest_Productivity_Research_asp .

- ◆ March 4, 2010: **Oscar Garcia**, UNBC — "Growth & Yield and productivity in the Interior. Should anyone care?"
- ◆ March 11, 2010: **Chris Hawkins**, UNBC — "After the beetle: What's there and will it grow?"
- ◆ March 18, 2010: Alex Woods, BC MFR — "FREP stand development monitoring: What have we learned so far?"
- ◆ March 25, 2010: Craig DeLong, BC MFR — "Developing a climate change risk analysis and decision support tool."

PUBLICATIONS

Tong, J., **Dery, S.J.**, Hu, B., and Y. Chen (2010) "An alternative method for in-flight absolute radiometric calibration of thermal infrared channels of Chinese geostationary meteorological satellites." *Int. J Remote Sens.*, 3: 791-803.

Hoeschele, M., Moscicki, M.K., **Otter, K.A.**, van Oort, H., Fort, K.T., Farrell, T.M., Lee, H., Robson, S.W.J. and C.J. Sturdy (2010) "Dominance signaled in an acoustic ornament". *Animal Behaviour* 79: 657-664.

CALL FOR PAPERS

5TH Annual UNBC Graduate Conference — March 29-30, 2010

The next decade will provide new challenges to be overcome through research. What has been evident over the past years is that one of the best solutions to approach research questions is through working synergistically across disciplines. The 5th Annual Graduate Conference aims to allow graduate students in all fields the opportunity to present research interests. This year there should be more interactive sessions with both afternoons assigned to student led workshops and panels, as well as the traditional presentations and posters. **Submission deadline: March 8, 2010.**

For further information contact the **Graduate Student Society Office** at: gsooffice@unbc.ca

REMINDER: Share your information about recent publications, grants, and/or other honours you may have received with others interested in NRES issues.

PLEASE EMAIL ALL INFORMATION AND MATERIAL TO MICHELLE KEEN: keenm@unbc.ca

NEWS

Angelique Grava (PhD, supervisor-**Ken Otter**) won the Society of Canadian Ornithology's Honorable Mention prize in the student presentations competition at the joint meeting of the Cooper, American and Canadian ornithological societies (COS/AOU/SCO) held in San Diego, Feb 7-11, 2010. Her paper was entitled: "Interspecific dominance relationships between mountain chickadees and black-capped chickadees, and their implication on life history". She was one of ten awardees (2 from Society of Canadian Ornithologists, and four each from the other societies) out of a pool of approximately 70 student presenters (and more than 100 applicants).

Thibault Grava (PhD, supervisor-**Ken Otter**) at the same meeting was chosen to receive the Bird Shirt prize. This prize (a shirt covered in bird pictures) is a tradition of the American Ornithologists Union started in 1988 when it was presented by a senior faculty to a student whose talk he found inspiring. Since then, it has been presented at each meeting by the current holder to their favourite talk by a student presenter, with each recipient signing the shirt before passing it on. Thibault's paper was entitled: "Habitat quality, food availability and song structure in chickadees".

CONFERENCES / TRAVEL

During Reading Week, **Jane Young** travelled to Prophet River First Nation (PRFN) to present, with her project partners, an update on their research project: *Communicating Traditional Knowledge: Prophet River First Nation* to the PRFN Chief and Council. That evening, there was a community dinner where another presentation was made of the research. This project continues until the end of 2010.

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

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