



## NRES WEEKLY NEWS

### October 15 - 19, 2007

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

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### Coming Events

#### NRESI RESEARCH COLLOQUIUM SERIES



**Dr. Kathy Parker**  
Professor, Ecosystem Science and Management

#### **“Predator-Prey Interactions in the Muskwa-Kechika”**

The Muskwa-Kechika Management Area in northern British Columbia supports one of the largest intact predator-prey systems in North America. Our research is a collaborative endeavor to quantify the dynamics of the large mammal predator-prey community. Our studies combine field-based research with global positioning satellite locations of ungulates and carnivores, remote-sensing images of vegetation associations, resource modeling, and stable isotope assessments of food habits. Our goal is to quantify interactions among the focal species (grizzly bears, wolves, woodland caribou, Stone's sheep, moose, and elk) in a relatively non-impacted system. The information will inform land management decisions and conservation area designs to help minimize the effects of future impacts to the area.

**Friday, October 12, 2007**

**3:30—4:30 pm**

**Lecture Theatre, 7-150**

*Light Refreshments served at 3:20 pm*

**Dr. Dan Herms**  
Ohio State University

#### **“Emerald Ash Borer: the beginning of the end of ash in North America”**

**Friday, October 19, 2007**

#### VISITORS

**Dr. Dan Herms**, Ohio State University will be visiting UNBC October 18 and 19. Dr. Herms is a leader in plant-insect interaction research. His 1992 review paper “The dilemma of plants: To grow or defend” co-authored with Dr. Bill Mattson is a citation classic with 852 citations. Dr. Herms has done research on bark beetles as well as a number of ornamental and exotic pests. *If you wish to meet with Dr. Herms, please contact Staffan Lindgren (960-5846) to set up an appointment.*

**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  
Elissa Zemlak: [zemlak@unbc.ca](mailto:zemlak@unbc.ca)**

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

# THE DOUG LITTLE MEMORIAL LECTURE

“The Decline of the Forestry Profession:  
Causes and Solutions?”

by

**Dr. Christian Messier**

Professor of Forest Ecology, Université du Québec à Montréal  
Director, Centre of Forest Research (CEF/CFR)

DATE: Thursday, November 8, 2007  
TIME: 7:30 pm  
PLACE: Room 6-213 Canfor Theatre, UNBC Campus

**EVERYONE WELCOME!**

*Sponsored* by the ESM Program  
College of Science and Management

*Supported* by an endowment from the former  
Northwood Pulp and Timber Limited now Canfor

## WELCOME

Please welcome Tobias Bolch, Institute of Cartography, Technical University of Dresden is a visiting post-doc working with the Western Canadian Cryospheric Network (WC2N) for 9-12 months since August. Dr. Bolch has specialised in remote sensing and visualisation of high mountain regions in the Alps, Andes, Tien Shan and Himalayas.

[http://www.geographie.uni-erlangen.de/tbolch/\\_index.html](http://www.geographie.uni-erlangen.de/tbolch/_index.html)

From the same institution, Meike Viehwegen and Karolin Wirth are spending October -January 08, in internships towards their degrees in Cartography with WC2N, involving high mountain cartography of glacier landscapes. Laura Thomson, a resident of Williams Lake, is also half-way through her one year internship from University of Western Ontario (Earth Sciences).

Tobias, Meike, Karolin, and Laura joined an assorted platter for a WC2N workshop in Banff Sept 27-30, that included post-doc Andy Clifton, and graduate students Matt Beedle, Raju Aryal, Tara Przewczek, Amanda Spendiff, Christina Tennant, (working with combinations of **Dery, Jackson, Menounos, Wheate**) ably driven by **Denny Strausfogel**. En route, the herd took short hikes to Athabasca Glacier and views of Saskatchewan Glacier from Parker Ridge, and a medium hike to Peyto Glacier (or ~ where it was in 1950).

## TRAVEL

**Kathy Parker** will attend the Muskwa Kechika Advisory Board meeting in Mackenzie, BC on October 13th and 14th where she will report on the partnership agreement between UNBC and the Muskwa Kechika.

**Kathy Lewis** has been invited to participate in a Forest Pest - Climate Change Symposium being held in Victoria on October 14th & 15th.

## RESEARCH GRANTS

Research grants received from the Federal Mountain Pine Beetle Program:

- Forest health and mortality of advance regeneration 4, 8 and 12 years post mountain pine beetle outbreak. **Kathy Lewis** and **Doug Thompson**.
- Wood decay and degradation in standing lodgepole pine killed by mountain pine beetle: Phase II – trees killed over 6 years ago. **Kathy Lewis, Doug Thompson** and **Ian Hartley**.

## PUBLICATIONS

Carson, A.W., **R.V. Rea**, and **A.L. Fredeen**. 2007. Extent of stem dieback in trembling aspen (*Populus tremuloides*) as an indicator of time-since simulated browsing. *Rangeland Ecology and Management* 60:543-547.