



NRES WEEKLY NEWS

April 7 - April 14, 2006

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

MONDAY, APRIL 10

THESIS DEFENCE

Ms. Mary Hughes, candidate for the degree:

Master of Science in Natural Resources and Environmental Studies
(Environmental Science)

will be defending her thesis entitled:

*"THE USE OF BIOSOLIDS IN THE COMPOSTING OF A CRUDE
OIL AND SALT CONTAMINATED CLAY SOIL"*

Supervisor: **Dr. Mike Rutherford**, Environmental Science Program

Date: Monday, April 10 **Time:** 12:00 pm **Place:** Conference Centre (Room 6-306)



GRANTS

- **Pam Wright** (RRT) received a grant from BC Ministry of Environment/Parks Branch to support the creation of the BC Protected Areas Research Forum and in particular to host the first annual conference in December of 2006. She also received matching funding for 3 years through a SSHRC Knowledge in Society grant led by Malaspina University College.
- Does Remoteness Sell in BC? **Pam Wright** (RRT) received a partnering grant from the BC Real Estate Foundation to support an investigation into the critical setting dimensions and values at risk of the remote-based tourism industry in BC.



UPCOMING EVENTS

The **School of Environmental Planning** is hosting its annual colloquium on the evening of April 11 from 6:30-9:00pm at UNBC in room 7-152.

*B.C.'s Crisis in a Global Context
International Perspectives on the Mountain Pine
Beetle Epidemic*

The Colloquium speakers include:

- **Ola Ullsten**, Doctor of Laws (Hon.) Co-Chair, World Commission on Forests and Sustainability and former Prime Minister of Sweden
- **John Howard**, MD, Professor of Medicine, University of Western Ontario
- **Luisa Maffi**, PhD, President, Terralingua

Everyone is welcome to attend.



NRES UNDERGRADUATE THESIS PRESENTATIONS

Monday, April 18, 2006: Conference Centre - Room 6-306



- 1:00 to 1:30 **Jodi Steinke**, BSc. Biochemistry and Molecular Biology
*Investigating microsatellite loci as genetic markers in geographically separated populations of the mountain pine beetle (*Dendroctonus ponderosae*): validation of existing markers.*
(supervised by **Professor Brent Murray**, Ecosystem Science and Management Program)
- 1:30 to 2:00 **Michael Pullinger**, BSc. Geography, University of Tasmania
A comparison of GIS Models for Predicting Movement Corridors of Woodland Caribou
(supervised by **Professor Chris Johnson**, Ecosystem Science and Management Program)
- 2:00 to 3:00 **Teresa Carlson**, BSc. Honours, Environmental Science
Suspended sediment yield and snowmelt-runoff modeling in the Chilako River Basin, Central BC, Canada
(supervised by **Professor Brian Menounos**, Geography Program)
- 2:45 to 3:15 **Melanie Grubb**, Bsc. Geography
Late Pleistocene Glacier Advance in the Middle Coast Mountains, British Columbia
(supervised by **Professor Brian Menounos**, Geography Program)
- 3:15 to 3:45 **Jennifer Carson**, BSc. Environmental Planning
Water, Water Everywhere?: Local Perceptions of Water on the Sunshine Coast and Implications for Water Conservation Programs
(supervised by **Professor John Curry**, Environmental Planning Program)
- 3:45 to 4:15 **Allan Carson**, BSc. Biology
Response of aspen meristems to simulated moose browsing at different times of the growing season
(supervised by **Roy Rea**, Ecosystem Science and Management Program)

TRAVEL

- **Jennifer Psyllakis** (NRES PhD candidate) and **Mike Gillingham** will travel to Vancouver on Tuesday April 11th to meet with researchers from UBC and Canfor relative to ongoing collaborative work on sustaining vertebrate richness in mixed-wood forests in northeastern BC. This work is being led by Fred Bunnell (UBC) and John Deal (Canfor) and is funded through the Sustainable Forest Management Network.

PUBLICATIONS

- McClelland, J., **Dery, S. J.**, Peterson, B., Holmes, R., and Wood, E. F., 2006: A Pan-Arctic evaluation of changes in river discharge during the latter half of the 20th century, *Geophys. Res. Lett.*, 33, L06715, 10.1029/2006GL025753.
- R.L. Fleming, R.F. Powers, N.W. Foster, J.M. Kranabetter, D.A. Scott, F.Ponder Jr., S. Berch, W.K. Chapman, R.D. Kabzems, K.H. Ludovici, D.M. Morris, D.S. Page-Dumroese, **P.T. Sanborn**, F.G.

Sanchez, D.M. Stone, and A.E. Tiarks. 2006. Effects of organic matter removal, soil compaction, and vegetation control on 5-year seedling performance: a regional comparison of Long-Term Soil Productivity sites. *Canadian Journal of Forest Research* 36(3): 529-550.

- F.G. Sanchez, A.E. Tiarks, J.M. Kranabetter, D.S. Page-Dumroese, R.F. Powers, **P.T. Sanborn**, and W.K. Chapman. 2006. Effects of organic matter removal and soil compaction on fifth-year mineral soil carbon and nitrogen contents for sites across the United States and Canada. *Canadian Journal of Forest Research* 36(3): 565-576

RRT LAUNCH PARTY

- On April 4th, **RRT faculty** assisted by VP Academic Howard Brunt and **Dean McGill** held an official launch party for the new RRT curriculum. Partners from resource management agencies and from the tourism and recreation industry in Prince George came up to mingle with students and other university faculty to kick off this new beginning.

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

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

PLEASE EMAIL ALL INFORMATION AND MATERIAL to
Lucille Guiney: guineyl@unbc.ca