



NRES WEEKLY NEWS

Dec. 13 - 17, 2010

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

GRADUATE THESIS DEFENCES

Ms. Young Joo Jenny Lee is a candidate for the degree:

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

Ms. Lee will be defending her thesis entitled:

“Fungal Community Assessment in Canadian Arctic Soils from Alexandra Fiord,
Ellesmere Island, Nunavut”

Supervisor: Dr. **Keith Egger**

Date: **December 16, 2010**

Time: **9:00 am**

Room: **Senate Chambers**

https://cms.unbc.ca/assets/nres/defences/young_101216.pdf

Ms. Anne-Marie Flores is a candidate for the degree:

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

Ms. Flores will be defending her thesis entitled:

“Does the Mineralocorticoid Receptor have a Functional Role in the Teleost Gill?”

Supervisor: Dr. **Mark Shrimpton**

Date: **December 16, 2010**

Time: **1:00 pm**

Room: **Senate Chambers**

https://cms.unbc.ca/assets/nres/defences/flores_101216.pdf

Ms. Kara Przewczek is a candidate for the degree:

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

Ms. Przewczek will be defending her thesis entitled:

“Assessment of Optimum Snowmelt Model Complexity, Cariboo Highlands, British Columbia, Canada”

Supervisors: Drs. **Stephen Déry** and **Brian Menounos**

Date: **January 7, 2011**

Time: **9:00 am**

Room: **Senate Chambers**

https://cms.unbc.ca/assets/nres/defences/110107_przewczek.pdf

CONGRATULATIONS to Sam Albers on the successful defence (with a clear pass) of his Master of Science in Natural Resources and Environmental Studies (Biology) thesis, “The Salmon Disturbance Regime: Effects on Biofilm, Sediment and Water” (supervisor: Dr. **Ellen Petticrew**).

PUBLICATIONS

Connell, David J. (2010) "Schools of Planning Thought: Exploring Differences through Similarities." *International Planning Studies*, 15(4): 269-280

Sanborn, Paul (2010) "Soil formation on supraglacial tephra deposits, Klutlan Glacier, Yukon Territory" *Canadian Journal of Soil Science* 90: 611-618

TRAVEL / CONFERENCES / FIELD WORK

Phil Burton gave a seminar on "Salvage Logging: Impacts and Implications" to Department of Plant Biology at the University of Georgia in Athens, Georgia, on December 6th.

Staffan Lindgren will attend the 58th AGM of the Entomological Society of America, Dec 12-15, San Diego. He will attend the Editorial Board meeting of Environmental Entomology, a planning meeting of the program committee for the 2011 North American Forest Insect Work Conference to be held in Portland, OR, next May, the Annual Meeting of the North American Section of the International Union for the Study of Social Insects (IUSSI), and present a 10 minute submitted paper. Adjunct faculty member **Brian Aukema** will also attend, as well as lab members Kishan Sambaraju (post-doc - still at UNBC), Jordan Koopmans (MSc student), Ewing Teen (MSc student), and Laura Machial (MSc student) (all currently at the University of Minnesota while writing up their theses).

Presentations:

- ◆ **Staffan Lindgren**, Kendra Schotzko and Duncan McColl. Effect of ants (Hymenoptera: Formicidae) on ground beetle (Coleoptera: Carabidae) assemblages following harvesting in central British Columbia
- ◆ Laura Machial, **Staffan Lindgren** and **Brian Aukema**. The role of vision in host selection of Warren root collar weevil, *Hylobius warren*
- ◆ Ewing Teen, Allan Carroll and **Brian Aukema**. Kick 'em while they're down: Do secondary bark beetles kill residual pines left by epidemic mountain pine beetle *Dendroctonus ponderosae* (Hopkins) in interior British Columbia?
- ◆ Jordan Koopmans, Allan Carroll and **Brian Aukema**. Primary or secondary bark beetle? Behavior of endemic level populations of mountain pine beetle *Dendroctonus ponderosae* (Hopkins)
- ◆ Kishan Sambaraju, Allan Carroll, Jun Zhu and **Brian Aukema**. Climate change could alter the elevation and latitudinal range limits of the mountain pine beetle in western Canada

Former MS student Fraser McKee (now doing a PhD at the University of Minnesota) will also be presenting:

- ◆ McKee, F.R. and **B.H. Aukema**. Attraction of an eruptive herbivore to typical and atypical sympatric hosts as a function of insect population density and host availability: Selection of lodgepole pine vs. interior hybrid spruce by mountain pine beetle

Former undergraduate student Gareth Hopkins, now a PhD student at the Utah State University, Logan, Utah, is also attending the meeting, and Celia Boone (post-doc) will be a co-author of a presentation (but will not attend because her supervisor won't let her).

- ◆ Adams, A.S., Boone, C.K, Adams, S.M, Bohlmann, J., Currie, C.R., Erbilgin, N., **Aukema, B.H.**, and K.F. Raffa. Bacteria associated with the mountain pine beetle degrade components of tree defensive chemistry

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

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