



NRES WEEKLY NEWS

May 11, 2007

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

THESIS DEFENCE

Jessica Place (MA NRES) successfully defended her thesis "Expanding the Mine, Killing a Lake: A Case Study of First Nations' Environmental Values, Perceptions of Risk and Health".

Supervisor: **Dr. Neil Hanlon** (Geography).

Committee Members: **Dr. Gail Fondahl** (Geography), Dr. Gary Wilson (Political Studies).

External Examiner: Dr. Maureen Reed (Department of Geography, University of Saskatchewan).

ANNOUNCEMENTS

The government of Canada recently announced funding for the IPY project entitled "Arctic Freshwater Systems". **Stephen Dery** is one of the co-investigators of this project who will lead research on the role of large-scale teleconnections on the hydrology of the Canadian Arctic. He will travel to Princeton, New Jersey to meet one of his collaborators on this project, Eric Wood, May 21st and 22nd.

NRES graduate student **Melanie Grubb** was awarded a \$1700 USD Geological Society of America Graduate Research Grant to support her MSc. research entitled, 'Turbidity current dynamics and proglacial sedimentation in Kitsumkalum Lake, Central Coast Mountains, British Columbia, Canada'. Melanie is supervised by **Brian Menounos**.

TRAVEL

Dezene Huber is traveling to UBC on May 14th & 15th for the annual BC Biology Curriculum Articulation Committee Meeting.

Stephen Dery will be travelling to Washington DC May 23-24 where he will represent UNBC at the upcoming Arctic Consortium of the United States (ARCUS) Council Forum. **Please send him details of any Arctic related research to him** so that he can present that information to the Council Forum. **Stephen** will also present a talk entitled "Changing Arctic Rivers" during the ARCUS workshop.

Oscar Garcia has moved from Albacete to Madrid, Spain, for the last two months of his sabbatical. He is now a Visiting Professor at the Applied Mathematics Department, Faculty of Computer Science, Universidad Politecnica de Madrid.

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

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

PRESENTATIONS

- **Catherine Nolin** (Geography) attended the Annual Meeting of the Association of American Geographers (AAG) in San Francisco, CA from April 18-21 and presented the following:

Paper presentation: "We have to protect the investors": 'Development,' indigenous social exclusion, and modern Canadian imperialism in Guatemala

Panel presentation: Research on "the colonial present" in Guatemala.

Catherine's new book, *'Transnational Ruptures: Gender and Forced Migration,'* was also honoured at the conference by the AAG's Geographical Perspectives on Women (GPOW) specialty group at an evening reception celebrating new works in feminist geography.

- **Ellen Petticrew** and **Phil Owens** attended the European Geosciences Union annual meeting in Vienna, Austria in April 15 - 20. **Ellen** convened an oral session and **Phil** gave one talk. Together they presented a total of 5 posters.

Oral Presentation:

Owens, P.N. *Some thoughts of the European Sediment Network (SedNet) on sediment management issues in transboundary European river basins.* European Geosciences Union annual meeting, Vienna, Austria, April 2007

Posters:

Petticrew, E.L., Owens, P.N. and Giles, T.R. *Wildfire effects on the quantity and composition of fine sediment.* European Geosciences Union annual meeting, Vienna, Austria, April 2007.

Owens, P.N., Petticrew, E.L., Blake, W., Giles, T.R., Moore, R.D., Bol, R. *Tracing the sources of fine-grained sediment following a wildfire in Canada.* European Geosciences Union annual meeting, Vienna, Austria, April 2007.

Rex, J.F., **Petticrew, E.L.** *Salmon organic matter and fire sediment flocculation: Implications for nutrient and sediment tracing.* European Geosciences Union annual meeting, Vienna, Austria, April 2007

Williams, N., **Petticrew, E.,** Ofenbock, M., Summer, W. *Representative characterization of riverine composite suspended sediments.* European Geosciences Union annual meeting, Vienna, Austria, April 2007

Van der Perk, M., Klutman, W.A.J., Chen, L., **Owens, P.N.,** Deeks, L.K. and Haygarth, P.M. *The effect of land use on phosphorus content of bed sediment in the Taw catchment, UK.* European Geosciences Union annual meeting, Vienna, Austria, April 2007

PUBLICATIONS

- MacLeod, S. and **Dery, S. J.**, 2007: The Cariboo Alpine Mesonet, CMOS Bulletin SCMO, 35(2), 45-51.
- Van der Perk, M., **Owens, P.N.,** Deeks, L.K., Rawlins, B.G., Haygarth, P.M., Beven, K.J. (2007). Controls on catchment-scale patterns of phosphorus in soil, streambed sediment, and stream water. *Journal of Environmental Quality*, 36, 694-708.
- Fettig, C.J., Dabney, C.P., McKelvey, S.R., and **Huber, D.P.W.** 2007. The effectiveness of nonhost angiosperm volatiles and verbenone for protecting individual ponderosa pines from attack by western pine beetle and red turpentine beetle (Coleoptera: Curculionidae, Scolytinae). *Western Journal of Applied Forestry* in press.
- **Huber, D.P.W.,** Erickson, M.L., Leutenegger, C.W., Bohlmann, J., and Seybold, S.J. 2007. Isolation and extreme sex-specific expression of cytochrome P450 genes in the bark beetle, *Ips paraconfusus*, following feeding on the phloem of host ponderosa pine, *Pinus ponderosa*. *Insect Molecular Biology*, in press.