



NRES WEEKLY NEWS

March 2 - 6, 2009

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



Dr. John S. MacDonald

Chairman & CEO, Day4 Energy Inc.
and co-founder of MacDonald Dettwiler & Associates

Energy in the 21st Century

Dr. MacDonald has had a distinguished career in the technology community in Canada. He is currently Chairman & CEO of Day4 Energy Inc., a solar energy company of which he is a co-founder. Day4 Energy is dedicated to exploring a new photovoltaic technology targeted at making solar energy cost competitive with fossil fuel. He was also a co-founder of MacDonald Dettwiler & Associates (MDA), Canada's principal space company, serving as President & CEO for 13 years and Chairman for a subsequent 16 years until his retirement from the company in 1998. Dr. MacDonald was a faculty member in engineering at UBC and MIT for a total of 12 years prior to the founding of MacDonald Dettwiler.

Dr. MacDonald's technical interests lie in the areas of photovoltaic energy systems, advanced digital systems engineering, remote sensing and information processing. At the present time, his technical activity is concentrated on the development of cost-competitive solar power systems and the characteristics of renewable energy dominated grids.

Dr. MacDonald has been awarded eight Honorary Degrees, and is an Officer of the Order of Canada. In 1999 he was named one of "50 most influential British Columbia business leaders in the 20th Century" and "Technology Entrepreneur of the Year" in 1995. In 2006 he was inducted as a Laureate of the British Columbia Business Hall of Fame and received the Ernst and Young Entrepreneur of the year Lifetime Achievement Award. On March 31, 2009 he will be inducted into the Canadian Manufacturing Hall of Fame.

Light Refreshments will be Served

TUESDAY, March 3, 2009

3:30 - 4:30 pm

Lecture Theatre 7-158

TUESDAY

Dr. Scott Green

Associate Professor, Ecosystem Science & Management Program, UNBC

The Ecology of Culture: Is Sustainability a Pipe Dream?

Ecology helps us to understand and describe processes and connectivities within nature that promote and sustain healthy ecosystems; the underlying assumption being that natural selection has filtered out "unsustainable" traits in healthy environments. Selection also acts on human culture, and many indigenous cultures reveal practices and values that promote sustainability. Ecology may provide a powerful lens to examine the practices, economies and values of contemporary societies in regards to their sustainability:

- How do modern technological societies rate as ecological systems?
- In what ways do these societies adhere to or disregard selection of practices and values that promote sustainability?
- What are the prospects of making "the global economy" sustainable in terms of ecological principles?
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Light Refreshments will be Served

Friday, March 6, 2009

3:30 - 4:30 pm

Lecture Theatre 7-238

Next FRIDAY

OTHER COMING EVENTS

Global Fridays
Senate Chambers
12:00—1:30 pm

February 27, 2009

Dr. Jacqueline Holler, Associate Professor, History & Women's Studies Programs, UNBC

Colonial Entrepôt: Acapulco, Mexico in a Globalizing World, 1580 - 1620

NRESi Annual Poster Session
March 19, 2009
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 4th Annual NRESi Lecture. NRES graduate students and NRESi members alike are invited to present posters.

Sign-up sheets will be posted at the Administrative Assistants' (Marlita, Brenda, Jutta & Michelle) stations on each floor of building 8. Please sign up so that we know how many poster boards to order. Those off campus can email Ken Otter (otterk@unbc.ca) to indicate their intention to present.

The posters should either be in portrait or landscape orientation (your choice) and the dimensions no greater than 36x48 inches. The posterboards themselves will accommodate two posters, each in a 48x48 inch window, so if you want to give yourself a bit of a border, it is probably better to have your long edge around 45 inches.

Please make sure to allow several days (5-6) if you are wanting these printed up in the GIS lab. Posters can also be printed at London Drugs and SpeedDee Printers in town.

PUBLICATIONS / APPOINTMENTS

Dampier, L., Sanborn, P., Bond, J., Clague, J.J., Smith, S. (2009) "Soil genesis in relation to glacial history in central Yukon" in L.H. Weston, L.R. Blackburn, L.L. Lewis (eds.) *Yukon Exploration and Geology 2008*. (Yukon Geological Survey) pp 113-123.

Walter, R.R., Aykanat, T., Kelly, D.W., **Shrimpton, J.M.**, Heath, D.D. (2009) "Gene flow increases temporal stability of Chinook salmon (*Oncorhynchus tshawytscha*) populations in the Upper Fraser River, British Columbia, Canada". *Canadian Journal of Fisheries and Aquatic Sciences* 66: 167-176.

CONFERENCES / TRAVEL

Art Fredeen will be presenting a paper entitled "Lidar predictions of forest carbon in a sub-boreal forest" authored by **Fredeen, A.L.**, Janzen, D.T., Bois, C.N., **Wheate, R.D.**, Coops, N., **Karjala, N.** at the Annual General Meeting of the Canadian Carbon Program (formerly Fluxnet Canada) in Vancouver, BC from February 27—March 1, 2009.

Zoë Meletis is currently in Australia, presenting a paper with Dr. Emma Harrison of the Caribbean Conservation Corporation, entitled: "Tourists and turtles: Searching for a balance in Tortuguero, Costa Rica". They are presenting at the International Symposium for Sea Turtle Biology and Conservation in Brisbane. Zoë is on the programming committee and will also be acting as a student paper judge.

THESIS DEFENCE

Ms Diana Kutzner is a candidate for the degree:
Master of Arts in Natural Resources and Environmental Studies (Tourism)

Ms. Kutzner will be defending her thesis entitled:

"Products, Features and Target Markets:
An Inquiry into Aboriginal Tourism Product Preference of Visitors to Northern British Columbia"

Supervisor: **Dr. Pamela Wright**

Date: March 2, 2009

Time: 1:00 pm

Room: Room 6-205, Conference Centre

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