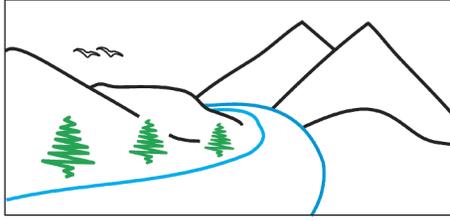


NRESi



"Our environment is our future"

For **Illuminate** information and link to the webcast: http://www.unbc.ca/nres/nresi_webcast.html

RESEARCH COLLOQUIUM SERIES

Dr. Andrew G. Fountain
Department of Geology and Geography,
Portland State University



Friday
Dec 6, 2013

3:30 - 4:30

LECTURE THEATRE

8 -166

HYDROLOGY OF AN ANTARCTIC POLAR DESERT

The polar deserts of Antarctica are weird places to study hydrology. The more precipitation we get, the less runoff occurs; the ephemeral streams are supplied by glacial melt, yet melt is rarely seen on the glaciers. And the windier it gets, the warmer the air gets, and less runoff occurs. All of these odd phenomenon occur because in summer the ice surfaces are on the cusp of melting and small changes in the energy balance cause big changes in the hydrology. The speaker will discuss some of these peculiarities and their implications for studying Antarctic glaciers.