

CONSERVATION ECOLOGY and ETHNOBOTANY OF NORTHERN MEDICINAL PLANTS IN LABRADOR

Feb. 8, 2011

GRADUATE POSITION (MSc or PhD) at Memorial University (St. John's campus, Newfoundland) beginning May or September 2011 – A graduate assistantship is available through ArcticNet (www.arcticnet.ulaval.ca) to study the ecology, Inuit use, impacts of climate change, and conservation horticulture of Roseroot (*Rhodiola rosea*) within Nunatsiavut, northern Labrador. Goals of this project are 1) to understand the impact of climate change on this plant and its medicinal properties through experimental warming studies; 2) impacts of harvest on *Rhodiola* populations and the plant's long-term viability; and 3) develop cultivation protocols for this species within semi-natural vegetation near coastal communities. Experience with field surveying and experimentation, common garden techniques, laboratory techniques, population and community ecology, ethnobotany and public outreach would be an asset, as is an ability to work independently. Successful candidate will work in partnership with the Nunatsiavut Government.

The successful candidate must meet the requirements of the **Biology** (www.mun.ca/become/graduate/programs/biology.php), OR **Environmental Science** (<http://www.mun.ca/science/graduate/envs/>) **Program** with a B.Sc. or M.Sc. in biology, ecology, geography or relevant field, and be eligible for fellowship support (minimum 75% average); stipend dependent on level (MSc – 16,500 or PhD - \$20,000) and research funding available. Successful MSc graduate may be eligible for rollover to a PhD position. Please send (as electronic attachments) a letter of interest, CV listing professional/faculty references, and a copy of un-official transcripts to Dr. Luise Hermanutz (lhermanu AT mun.ca). This position will be co-supervised by Dr. Alain Cuerrier, Montreal Botanical Garden. **Review of applications begins immediately and continues until the position is filled.**