

Full Time Research Assistant Wanted

May - Aug 2012 (16 wks)

Dr. Danika van Proosdij, Department of Geography is seeking a 2nd or 3rd year student in Science (geog, geol, biol, engineering) to assist with a range of research projects including environmental impacts of tidal power generation, coastal vulnerability to climate change and salt marsh restoration.

The student will join a team of undergraduate and graduate students working in the Intertidal Coastal Sediment Transport Research Unit on campus and participate in field experiments in the Bay of Fundy. Research will involve collaboration with scientists at the Bedford Institute of Oceanography, CBWES and the NS Department of Agriculture.

Job responsibilities:

- Perform routine sedimentological analyses (e.g. grain size, organic matter content, bulk density) on collected samples using a Coulter Multisizer3 and standard sieving techniques.
- Transcribe, analyze and graph scientific data.
- Assist in field data collection and instrument deployment and maintenance
- Other duties as required.

Qualifications

- 2nd or 3rd year student in science with interest in conducting honours research in the future.
- Working knowledge of Microsoft excel
- Completed coursework in geomorphology/sedimentology preferred
- Ability to work independently and demonstrated problem solving abilities
- Ability to work under adverse environmental conditions and mud!
- Valid driver's license
- Valid emergency first aid certificate (at time of employment)

Pay

- \$11.44 hr (including 4% vacation pay), 30 hrs wk for 16 hrs week (negotiable)

Submit cover letter, resume and copy of academic transcript by Feb 13th to Dr. Danika van Proosdij (dvanproo@smu.ca) or drop it off in B102 (Geog dept) or S404 (lab).