



DALHOUSIE UNIVERSITY, DEPARTMENT OF EARTH SCIENCES

NSERC Industrial Research Chair in Salt and Continental Margin Tectonics



RELATED FACULTY RESEARCH

Chris Beaumont
Geodynamics and
Numerical Modeling of Salt Tectonics

Isabelle Coutand
Basin Tectonics
Thermochronology

Nick Culshaw
Tectonics
Fold Mechanics

Martin Gibling
Alluvial Sedimentology
and Stratigraphy

John Gosse
Geochronology
Landscape Evolution

Djordje Grujic
Tectonic & Structural Geology
Geo & Thermochronology

Rebecca Jamieson
Thermal-Mechanical
numerical modeling

Keith Loudon
Marine Geophysics
Crustal Processes

Mladen Nedimovic
Marine Geophysics
Petroleum Exploration

Lawrence Plug
Surface Processes
Pattern Formation
Geographic Systems

David Scott
Deep-sea
Paleo-oceanography

Shannon Sterling
Land/Surface Modeling

Grant Wach
Petroleum Exploration
Basin Analysis

Marcos Zentilli
Thermal Effects of Salt Diapirs
Basin Analysis
Fission Track
Geochronology

OTHER RELATED RESEARCH

Dalhousie Geodynamics
Group

Canadian-Nova Scotia
Offshore Petroleum Board

Offshore Energy
Technical Research
Association

GSC
Atlantic

The Department of Earth Sciences at Dalhousie University invites applications for an NSERC Industrial Research Chair (IRC) in Salt and Continental Margin Tectonics from individuals who have demonstrated exceptional promise in their field. Research on salt tectonics and tectono-sedimentary processes on continental margins, related to petroleum exploration and development, is expected to be a focus of the Chair. The anticipated appointment is tenure-track and will be made at a level commensurate with the applicant's experience.

The successful candidate is expected to develop a strong, externally funded research program and in addition to teaching at the undergraduate and graduate levels, direct graduate research and supervise thesis projects.

This position involves study of salt tectonics and continental margins both in generic and case studies. Candidates must have experience in one or more of the following areas of research:

- Physical or numerical modelling
- Mechanics of crustal deformation processes, especially in extensional settings with structurally complex basins and reservoirs
- Applied geophysical investigations of continental margins, for example wide-angle seismics.

Qualifications should include:

- 1) Ph. D.
- 2) research accomplishments in one or more of the above fields.

The following are considered assets:

- Interaction/working with the petroleum industry
- Successful collaboration with petroleum industry partners
- Undergraduate and graduate teaching experience
- Success in leading/managing a research team
- Record of attracting funds from government and industry sources.

The complete applications should include: CV, list of publications, a summary of research interests, a detailed research proposal, a statement of teaching interests and experience, self-identification of status in Canada (Canadian/permanent resident in Canada, or not); also, confidential letters of reference from five referees (internationally recognised experts in related research fields) should be forwarded by the referees directly to the Search Committee. As part of the proposal, please outline how your proposed research would be relevant to the continental margin of eastern Canada. Assessment of applications will begin March 15th, 2011 and continue until a suitable candidate is found.

The application should be sent to: Search Committee, c/o Norma Keeping, Department of Earth Sciences, Dalhousie University, Halifax, Nova Scotia, Canada B3H 4J1 Tel. (902) 494 2358, Fax (902) 494 6889, or email: Norma.Keeping@Dal.Ca

The appointment will be effective 1st of September 2011 but could be taken up at a later date. Appointments are subject to approval via the NSERC Industry Chair program.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents of Canada will be given priority. Dalhousie University is an Employment Equity/Affirmative Action employer. The University encourages applications from qualified Aboriginal people, persons with a disability, racially visible persons and women.