

**POST-DOCTORAL FELLOW OR RESEARCH ASSOCIATE
UXO DISCRIMINATION AND HUMANITARIAN DEMINING
UBC-GEOPHYSICAL INVERSION FACILITY, VANCOUVER, CANADA**

The UBC-Geophysical Research Facility invites applications for a one year appointment as a Postdoctoral Fellow or Research Associate to work on projects connected with UXO (Unexploded Ordnance) Discrimination and Humanitarian Demining. The candidate must have a Ph.D. and, depending upon background and experience, he/she can be hired at a Post-Doctoral level or as a Research Associate.

The appointment will begin on September 1, 2008, or later if the position has not been filled, and can be extended for one year. Salary is dependent upon educational level and experience, but the minimum stipend for a Research Associate I is \$49,411.42.

The candidate should have a strong background in electromagnetics, inverse theory, signal processing, statistics, and numerical analysis. Good programming skills in Matlab are required. The ideal candidate will be independent, self-motivated, have good oral and written communication skills, be well organized when handling different projects, and have the ability to lead research groups. The research position requires intimate interaction with industrial researchers at Sky Research: (<http://www.skyresearch.com/>), a vision to solve important problems connected with UXO Discrimination and Humanitarian demining, and the ability and perseverance to achieve these goals.

UBC-GIF is a world leader in the field of geophysical inversion and has been involved in research in UXO for the last decade. A summary about our past and current research can be found on <http://www.eos.ubc.ca/ubcgif/>.

Applications, including a CV, copies of two relevant publications, and the names, e-mails and phone numbers of three referees should be sent by email to Dr. Douglas Oldenburg (doug@eos.ubc.ca), Earth and Ocean Sciences, University of British Columbia, 6339 Stores Road, Vancouver, B.C., V6T 1Z4. The application deadline is August 15, but it will be extended if a suitable candidate has not been found.

UBC hires on the basis of merit, and is committed to employment equity. All qualified candidates are encouraged to apply; however, Canadians and Permanent Residents will be given priority.