

LAKEHEAD
Lakehead University Geology Department
Alumni Newsletter #2
 GEOLOGY

Welcome to the second alumni newsletter. Perhaps the biggest news we have to share in this issue is that our new President, Dr Brian Stevenson, will be hosting an alumni breakfast at the Royal York Hotel on the Monday of PDAC (see below for details). This will be a great opportunity for our alumni to meet the President and learn about his vision for the University and it's relationship to the mining and exploration communities. Hope to see many of you there!



John Biczok sampling granites around Musselwhite Mine.

The Geology Department has a long history of collaborating with our alumni both in terms of research and in order to find work for our undergraduates.

For example, for the past 10 years we have been working closely with Musselwhite Mine, where a number of our alumni have worked, or are working. Currently John Biczok (Class of '76) and Scott Secord (Class of '07) work at Musselwhite. Research collaborations with Drs. Hill, Fralick and Hollings has led to three MSc theses (Pat Moran, Carissa Isaac & Maura Kolb - details can be found [here](#)), one Honours theses (Victoria Stinson), two recent peer reviewed papers and numerous conference presentations. The collaboration is ongoing with Bobby Scott working on his MSc and Kyle Fry and Emily Smyk about to start Honours theses as part of their summer jobs with Musselwhite.

We have also been working hard to establish collaborations overseas with LU alumni undertaking PhDs at the University of Western Australia (Geoff Heggie & Carissa Isaac) and CODES, University of Tasmania (Marc Rinne &

Roisin Kyne).

Cam McCuaig (Class of '88) is now based in Perth where he is the Director of the newly established Centre for Exploration Targeting (CET) at the University of Western Australia. Cam is also an Adjunct Professor at Lakehead and has been co-supervising Steve Siemieniuk's MSc thesis on "Prospectivity analysis of the Wabigoon subprovince, Ontario". Currently Cam is working with Dr. Pete Hollings to set up a study of the Lu-Hf systematics of zircons from the Wabigoon subprovince, in order to investigate the formation of this Archean terrane. Cam also offers very popular short courses for industry and students whenever he is in town.

If you are interested in setting up a collaboration with members of the department or would like to hire some of our students, please drop us a line.

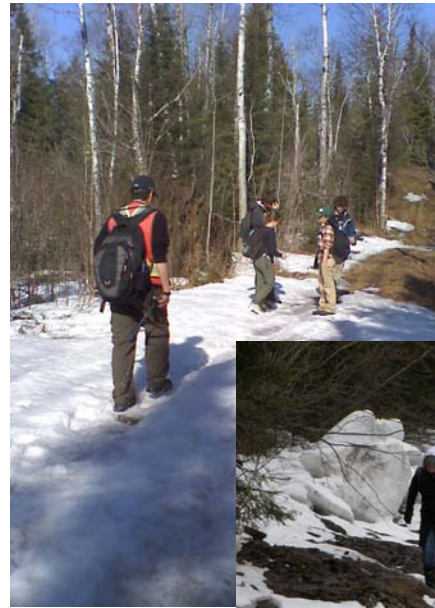


Dr. Brian Stevenson, President of Lakehead University, invites Geology alumni to join him for breakfast at 7.30 AM at the Royal York Hotel on Monday, March 5, 2012. Space is limited so please RSVP to Patti Botham (pbotham@lakeheadu.ca or 807 343 8300) before March 1, 2012



Message from Dean

These are certainly very exciting times for the department of Geology and for the Faculty of Science and Environmental Studies. Dr. Graham Borradaile retired from the department at the end of December. Graham joined the department in 1978, became a full professor in 1984 and has been one of our most successful researchers and teachers. In particular, Dr. Borradaile's research has been supported by the Natural Science and Engineering Research Council of Canada since 1979. The department has been granted a replacement position for Dr. Borradaile and is actively seeking a new faculty member for this fall. The department has also been successful in obtaining a Tier II Canada Research Chair position which will be in the area of Geochemistry of Mine Remediation. These chairs are very prestigious positions. They are tenable for five years and renewable once, are for exceptional emerging researchers, acknowledged by their peers as having the potential to lead in their field. Currently the Faculty has three Canada Research Chairs and this will be the first for Geology. This semester the Faculty will be visited by representative from ECO-Canada in March as part of the process of obtaining national accreditation for our Environmental Science degrees. One of these degrees is within the department of Geology and is an Honours of Environmental Science with Earth Science major. If we receive accreditation we will become only the third university in Ontario to have this distinction. Accreditation by ECO-Canada will show to prospective students that our curriculum is designed so that students have the necessary training to move into the workforce within the environmental sector right after



Undergraduates brave the snow and ice to map in Centennial Park as part of their second year field school



Nancy Oster from the Office of Advancement accepts the \$3000 cheque from the CIM Thunder Bay branch donated to the Bernie Schnieders fund on behalf of Jim Franklin. This award was created in loving memory of Bernie Schnieders by his family, friends and colleagues to support graduate students in the Geology Department. Bernie completed his Honours thesis at Lakehead in 1978 and his MSc in 1987. If you are interested in donating to the Bernie Schnieders fund then please contact Nancy (noster@lakeheadu.ca).

the undergraduate degree. Another program within Geology that has undergone some changes is the Water Resource Science major. We have added a new option to this degree which is known as the Specialization in Applied Environmental Water Management. In this degree they do the first year at Lakehead, the second year at the college and years 3 and 4 at the university. At the end they receive both an honours degree in Water Resource Science from the University and an Environmental Technician Diploma from the College. The best of both worlds! This year without any real advertising we saw eight of the nine first year students in Water Resource Science choose this degree. So, lots happening within the department and Faculty. This will certainly be a very exciting 2012!

Andrew Dean - Dean of the Faculty of Science and Environmental Studies

Want to know more? Please visit our web site at www.geology.lakeheadu.ca