



DOWN TO EARTH



Newsletter of the Department of Earth Sciences, U.W.O.

Friday, January 8, 2010

M.Sc. GEOPHYSICS PUBLIC LECTURE

Candidate: Patti Perlock
Supervisor: Kristy Tiampo

“Imaging Faults in Three Dimensions Using the Pattern Informatics Technique”

Wednesday, January 13, 2010, 1:00 PM
B&G Building, Room 1084

ALL WELCOME

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Robert and Ruth Lumsden Earth Sciences Research Award

Value: Teaching and Administrative relief or up to \$15,000 annually towards travel and living costs for a visiting scientist.

Available: to a full-time faculty member, or their sponsored visitors. External applicants must have a Ph.D. and proven record in research. One individual cannot hold or successfully sponsor the award more than once every six years.

Application: Must be submitted to the Chair of the Dept., in confidence, by January 30, 2010 for appointments no earlier than the following July 1.

The applications from the faculty member must also include a workable plan to provide suitable substitute instructor(s) for the courses in which teaching relief is sought. Applicants are strongly discouraged from suggesting substitute instructors that are full-time faculty member of the Dept.

In case of visiting scientists, the application must be accompanied by a letter of sponsorship from a full-time faculty member of the Dept. of Earth Sciences, explaining the proposed collaboration and include a firm undertaking to assume any additional costs to the department that arise from a visitor's stay.

The successful candidate will be chosen by a panel consisting of the Chair, the Associate Chair and one full-time member of the Department's faculty, elected by Departmental Council.

For further details, please see Marie Schell.

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J.P. Bickell Foundation Mining Scholarships

Awarded to full-time undergraduate students in 2nd, 3rd or 4th year (minimum 70% average) enrolled in the geological and geophysical fields which includes earth sciences, environmental geosciences, geological sciences and civil engineering with a geoenvironmental specialization. Preference will be given to students in earth sciences with an interest in pursuing studies in mining.

Students must submit a brief essay (maximum 250 words) by January 15th describing the courses they are enrolled in and their interests in mining for the

spring competition to the Department of Earth Sciences in the Faculty of Science. Individuals will be chosen based on their application letter and degree of interest/participation in mining studies and the mining field. A selection committee in Earth Sciences will select the recipient in consultation with a representative from Engineering.

The value of each scholarship is a minimum \$2,000 (maximum \$5,000) and the number available annually will vary depending on the pool of eligible applicants.

At the discretion of the University's selection committee, a portion of the funds may be allocated to meet student costs to defray expenses associated with mining related field trips.

Please submit your essays to Gloria Ma by January 15, 2010. A consent form to view your academic record will need to be signed at this time as well.



AAPG Grants in Aid

The AAPG provides yearly grants of \$500-\$3,000 to graduate students towards the cost of their field and research expenses. Students are required to write an expense and project proposal that explains the significance of the project to petroleum, energy-minerals, and related environmental geology. Other requirements require references, transcripts, etc. For full details please visit AAPG website at http://aapg.gia.confex.com/aapg_gia/2010/index.html. Deadline to apply is January 31st, 2010.



Outcrop Club Locker Rentals

The Outcrop Club would like to announce that we have lockers for rent in the Outcrop lounge. These lockers are the full-sized ones just like you had in

high school! Plus they are more convenient and secure in the lounge than the lockers in Nat Sci or the UCC.

The Outcrop Club is renting these large, convenient and secure lockers for only \$25 for Outcrop members and \$30 for non-members until the end of April. You can always buy your Outcrop membership for only \$5 (what a deal!).

Please see Meghan Hewton for more info or to rent a locker!



CSPG Student-Industry Field Trip

The Canadian Society of Petroleum Geologists (CSPG) 2010 Student Industry Field Trip (SIFT) will be held from May 2 to 14, 2010.

The CSPG and the SIFT committee strongly believe that this two-week trip is a valuable and unique learning experience. During the two weeks, the students will attend several lectures, presentations and core workshops presented by various industry experts. An exciting four-day field trip by bus through the Rocky Mountains and Foothills where structural geologists and sedimentologists provide an overview of Western Canadian geology is followed by a flyover across some of the same areas of the mountains (weather and budget permitting) the students visited by bus. In order to help the participants get a realistic understanding of a geologist's role in the petroleum industry, an exploration game is played over the two weeks where teams of students use their new-found knowledge to form a company, explore for hydrocarbons, bid for land, drill wells and then give a final presentation on their geological interpretations.

We are seeking candidates that ideally satisfy the following criteria:

1. Currently registered in their second-last year of a Geology, Geophysics or Geological Engineering undergraduate program.
2. Demonstrate maturity, self-discipline, and the ability to gain from, and contribute to group activities.
3. Demonstrate an interest in some or all of Sedimentology, Stratigraphy, and Structural Geology, and their relation to Oil & Gas Exploration and Petroleum Geology.
4. Will be available for the duration of the trip (i.e. no commitments prior to May 16, 2010)
5. Above all, we are seeking a student who will be a good representative of your university and of the CSPG. Other than good academic standing, we are also looking for someone who is eager to learn and who will take full advantage of this exceptional opportunity from both an educational and an experience broadening standpoint.

Applying students need to provide the following information:

- a brief resume of their academic and work experience and interests
- a covering letter to accompany the resume that describes why they would like to participate in SIFT 2010 and what they feel they can gain from the trip
- a current academic transcript *(official transcripts are not necessary – a clean copy will do)* that indicates the student's post secondary course history and grades
- his/her address, phone number (both their current and permanent/home contact info please) and a current e-mail address so that we may contact him/her regarding the trip details. Please ensure that the phone number(s) and e-mail address(es) submitted will be valid up until May 1, 2010 so we can contact them to advise them of any last minute travel schedule changes, etc.

Applications should be submitted to **Guy Plint** ASAP. The professors have been given a deadline of Friday, February 5, 2010 to submit the student nominations and therefore require time to organize them and send them to CSPG.



Colloquium Schedule, 2010

The Earth Sciences Colloquium is held weekly on Fridays in B&G 0153, 3:30-4:30 PM.

January 8 - Neil O'Brien (Lundinmining Co), The Importance of VMS deposits to Global Mining: Cold-war relicts or post-globalization opportunities?

January 13 (Wed), 2:30 pm – Dan Marshall (Simon Fraser Univ.), The GAC Howard Street Robinson Lecture Tour: "Gem Occurrences and Exploration Models within the Canadian Cordillera".

January 15 - ES 4490 presentations

For the complete and most up-to-date version of the Colloquium schedule, visit <http://www.uwo.ca/earth/news/colloquium.html>.

