



GEOLOGY AT QUEEN'S, 1915-1924 A WARTIME CASUALTY

World War One played havoc with enrolment, with only three registered in geology during the war years. In 1915, there were only 39 registered in first year engineering, in 1916, 8, in 1917, 18, and in 1918, 63. With the war over, enrolment jumped to 208 in 1919. In its third decade as a department at Queen's, only ten geology degrees were awarded, one M.A., two B.A.'s, and seven B.Sc.'s. The first of this decade was a B.Sc. awarded to John R. Marshall of Ottawa in 1915. In 1916, Isabella McDougall of Wingham, Ont., earned a B.A., and in 1918, J. Edwin Hawley of Kingston also obtained a B.A. He then went on to an M.A. in 1920. The same year saw William J. Embury of Belleville finish his B.Sc., which was started in 1914, and probably interrupted by the war. Five more B.Sc.'s were awarded this decade, to Joseph W. Greig of Provost, Alta., Glanworth, Ont

and Charles A. Poynton of Toronto in 1921, David C. Maddox of Glanworth, Ont., in 1922, Llewellyn Chamberlin of Whitewood, Sask., in 1923, and Ainsworth R. Traves of Williamstown, Ont., in 1924.

The best known graduates of this period are Hawley and Greig. Ed Hawley spent the first three years following his Masters working in oil geology in Alberta, Ecuador, Burma and India, and then went to the University of Wisconsin, earning his Ph.D. in 1926. After three years as an Assistant Professor at Wisconsin, he returned to Queen's as Professor and Head of the Department of Mineralogy, a position he held until 1950. In that year, his department joined with the Department of Geology to become the Department of Geological Sciences, with Hawley as Head, a position he held till 1962. He retired in 1963 and died in 1965. He established the spectrographic lab in 1948 and, in recognition of his work, the John Lindsley Fund of New York awarded a \$150,000 endowment "to develop the Queen's Geological Library as one of the most comprehensive in Canada". This aim was quickly achieved, but unfortunately the present administration has seen fit to close it down. Dr. Hawley received many honours, including the Barlow Memorial Prize, the Miller Medal and, in 1964, the first Logan Medal of the GSC. The mineral Hawleyite was named after him in 1955, as are the Hawley Research Laboratories at Queen's.

A dedicated but demanding teacher, he was sometimes referred to as "Number 11" by students familiar with Moh's Hardness Scale.

Joseph Greig was born in Ontario in 1895 and later moved to Alberta. He arrived at Queen's in 1914 and reached second year Mining before joining up. He served with the Royal Canadian Artillery (1915-19), then returned to Queen's, switching to Geological Engineering and obtaining his B.Sc. in 1921. He went on to Columbia, then to Yale, where he earned his Ph.D. in 1927. In summers, he worked for the GSC and the ODM. Following graduation, he moved to the Geophysical Laboratories in Washington, where he worked with N.L. Bowen on phase equilibria and liquid immiscibility. During the Second World War, he worked on proximity fuses and gun-barrel erosion, then, after the war, turned to seismic studies of the earth's interior. He was a pioneer in high temperature phase equilibria studies of oxides and sulphides. On his retirement, he became a Visiting Professor of Geochemistry, where he inspired Pete Roeder to give up dirty old geomorphology and start melting rocks. He died in 1977. A new mineral, greigite (Fe_3S_4), bears his name, increasing to nine the number of minerals known to have been named after Queen's geologists.

Charles Poynton may be better known as an athlete rather than as a geologist. A classmate, Joseph Stauffer of Stauffer Library fame, was the driving force behind the establishment of the Charles Poynton Memorial Award, given to those who have exemplified "the highest ideals of Queen's through leadership, academic record, and athletic participation".

While Manley Baker taught throughout this decade, others came and went. There was Jesse Hyde, 1914-15, William Nichol, 1914-16, Kirtley Mather, 1915-17, C.W. Greenland, 1919, Norman Bowen, 1919-20, Bela Hubbard, 1920, M.Y. Williams, 1920, F.J. Alcock, 1920-21, Louie Bruce, 1920-24, Stanley Smith, 1921-22, and Bruce Rose, 1922-24. Count 'em. There were more profs than students during this period!

W. Alan Gorman



NEWS FROM THE DEPARTMENT

Appointed. As Economic Geology Professor, Géma Olivo (B.Sc., M.Sc., Brasilia; Ph.D., Université du Québec à Montréal). She will contribute to the undergraduate and graduate MinEx programs.

Appointed. As Mineralogy Professor, for a two year appointment, Robbie Millard (Ph. D., Queen's, 1997). Robbie replaces Ron Peterson, who accepted a two year term as Director of Continuing and Distance Education at Queen's.

Appointed. In January, for a two year term, as Sedimentology Professor, Eric Hiatt. Eric is filling in while Noel James is away from teaching on a two year Killam Fellowship.

Retired. Leigh Smith. Leigh will continue to be the Departmental library representative, and will fill in as Chair, Undergraduate Studies (Arts and Science).

Reappointed. John Dixon as Associate Dean, Arts and Science. John started his second stint as Dean this July after a year's sabbatical.

Filling in. As Head of what is now officially "The Department of Geological Sciences and Geological Engineering" while Herb Helmstaedt is away on sabbatical, Bob Dalrymple (July to December, 1999) and Colin Thomson (January to June, 2000).

Awarded. To Jim Lee, the AMS's Frank Knox Excellence-in-Teaching Award. Way to go Jim!!

Awarded. To Al Gorman, the Thomas Roy Award, by the Engineering Geology Division of the Canadian Geotechnical Society, for his contributions to Geological Engineering in Canada. Among other things, it's his reward for teaching so many geological engineers in his 45-year career! Last year's winner was Doug Van Dine (B.Sc. Eng., 1972) and a Queen's professor from 1978-1982.

Awarded. To John Hanes, the Applied Science's First-year Teaching and Learning Award, Fall, 1998. We never doubted he was the best!

Grand Opening on September 25. The Earth Systems Information Centre and Reading Room (described in the January, 1999, Newsletter). It occupies the space that was the Geology Library. It consists of a really nice reading area, a virtual library with computer links to electronic journals and other data bases, a computer classroom for instruction in GIS, stacks for theses and

government reports, a map room and a Mineral Economics Data Room. We have no university funds to obtain digital journals and would appreciate any graduates who direct donations to support this centre. If you have any questions as to how you could help out in this matter or in other ways, feel free to contact Bob Dalrymple (or Colin Thomson) at 613-533-2598.

New look. The main foyer of Bruce Wing. Newly painted, with brighter lighting. Many thanks to Dianne Hyde for her efforts on the foyer and reading room!

In the news. Ron Peterson has created a Rox Box to assist Grade 4 teachers in the delivery of the geology component of the new curriculum. Sales have been brisk following front-page coverage in the local newspaper and an interview on CBC's Ontario Morning and Metro Morning.

Funding. Gerhard Pratt has received a grant of \$155,000 from the ORDCE (Ontario Research and Development Challenge Fund) in matching funds. Part of these funds have been used to purchase a new seismograph for the Department. This new equipment will be used initially in teaching 4th year geophysics field school, as well as for 4th year Engineering Design projects.

SPRING CONVOCATION UNDERGRADUATE AWARDS

Medal in Geological Engineering - Steven J. Bickerton

Engineering Society Award - Christina E. Demerling

Major James A. Rattray, M.C. Scholarship - Luke C. Skinner

OTHER UNDERGRADUATE AWARDS

Amoco Canada Scholarship - Todd Carmichael

Gartner-Lee Scholarship - Robin Fauquier

Homestake Award - Sebastien Hogan

J.E. Hawley Memorial Scholarship - Marlene



Villeneuve

J.J. Denny Scholarship - Anna Markiw

L.G. Berry Memorial Award - Katherine Dilworth

Susan Near Scholarship - Katherine Dilworth

Manley Baker Scholarship - Susan Newbury

Manley Baker Scholarship - Kimberly Gibbs

Morley Wilson Scholarship - Kimberly Gibbs

Morley Wilson Scholarship - Darrel Lehoullier

O'Connor Associates Scholarship - Anna Markiw

Reinhardt Scholarship - Marissa Quinlan

William E. White Scholarship - Susan Newbury

William E. White Scholarship - Carly Grimsen

William E. White Scholarship - Kimberly Gibbs

William E. White Scholarship - Sarah Forté

DEGREES GRANTED 1999

Ph.D.

McIlroy, Annette R., Ph.D. The Return from Exploration Success: Relating Economic Quality to Geological Quality.

Turner, Elizabeth C., Ph.D. Growth Dynamics, Framework Composition, and Microstructure of Giant Early Neoproterozoic Calcimicrobial Reefs, Little Dal Group, Mackenzie Mountains, N.W.T.

M.Sc.

Angus, Douglas A., M.Sc. Applicability of Moment Tensor Inversions to Mine-Induced Microseismic Data.

Bailey, Lynn M., M.Sc. An Unusual Diamond-Bearing Talc Schist from the Dachine Area of French Guiana.

Lukie, Terrence D., M.Sc. A Study of the Sedimentology, Geochemistry, and Stratigraphic Organization of the Lower Cretaceous Horsefly (Basal Quartz) Valley (Taber-Cutbank), Southern Alberta and Northern Montana.

Mastromatteo, Domenica, M.Sc. Finite-Element Modelling of Detachment Folding in Physical Analogue Models.

Wright, Karen-Jane, M.Sc. Possible Structural

Controls of Kimberlites in the Lac de Gras Region, Central Slave Province, Northwest Territories, Canada.

Minex Non-Research

Diouf, Babacar, M.Sc. A Comparison of Interpretations at Youga Gold-Deposit (Burkina Faso, West Africa).

Egaña, Antonio, M.Sc. Implications of SX-EW Technology on Copper Production: Morenci Porphyry Copper Deposit A Case Study.

Liu, Hua, M.Sc. Magnetic and Landsat TM Image Processing and Interpretation on Kenora Area, Northwest Ontario.

Lobo-Guerrero Sanz, Alberto, M.Sc. Exploration Strategy for Disseminated Gold Deposits in the Saldaña Formation, Natagaima-Ataco, Tolima, Colombia.

Munch-Andersen, Christian Z. M.Sc., GIS Analyses of Chrome, Nickel, Magnesium and Iron Anomalies in Stream Deposits of Skye, NW-Scotland.

Ross, David, M.Sc. Geological Interpretation of Airborne Hyperspectral Data for Mineral Exploration - Northern Chile.

Stevenson, David B., M.Sc. Gold Heap Leaching - An Insight into its History, Technology and Effects on the Economics of Mining and Exploration Philosophy.



AUTUMN CROSSWORD

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37									

ACROSS

1. Well baked shale
9. Hyd. Al. sulphate
10. Portion out
11. Unmoved boulders
12. Na sub in Plag.
14. Native acacia
15. First third of inning
16. College colour
18. Not American League
19. Metal in African reef
20. Orpiment metal
22. Isometric element
23. Franklin, N.J. metal
24. Fossil fuelled big boat
26. Location
29. Alien visitor
30. When I get there
32. Very common element
33. 'gonal w. tourmaline
34. Tabular & concordant

DOWN

1. Relict structure
2. Economic geologist
3. Hairpiece (coll)
4. Yankee element
5. Per person (abb)
6. (of the) same kind
7. In the near future
8. Travertine icicle
12. Small tight metal?
13. Si sub in Plag.
16. Granite gravel
17. Disorient, Black Hawk
19. Professional books checker
21. Banka placer metal
25. James' alternate to shake
27. Not out element (#49)
28. Thanks, number 23
29. Time periods
31. Comes before carte
33. Ripping good pile of English boulders, old chap!
35. Log natural base (abb)
36. Target of silly definitions

Let us know if you want to continue with these crosswords. Last winter's was reported to be challenging. If you want to try it again, now that an answer is available, you can download it off the Queen's Home Page (geol.queensu.ca).

ALUMNI UPDATE

Note: The email addresses below appear with the owners permission, so it's okay to use them. You can send news for the next edition to gorman@geol.queensu.ca, and can indicate if you want your email address included.

1933

William C. Gussow (B.Sc., Eng.; M.Sc., 1935; Ph.D., Yale, 1937) was awarded Honorary Membership by the American Institute of Petroleum Geology in 1998.

1947

Ashley M. Clarke (B.Sc. Eng.) worked for Falconbridge for 40 years. Retired for 12 years now, he makes his home in Toronto.

Mike Hriskevich (B.Sc., Mining; M.Sc., Geology, 1949) was an early winner of the CSPG's Stanley Slipper Medal. (See Geology at Queen's, The Second Decade in our last Newsletter)

1954

Willem Groeneveld Meijer (Ph.D.) happily retired to Switzerland after 25 years with UNDP in New York, rising from Project Officer to Principal Technical Advisor for UNDP-financed exploration programmes.

1956

Geoff Ballard (B.Sc, Eng), who developed the first practical hydrogen-oxygen fuel cell, was recently featured in a full page spread in Time Magazine.

1958

Dave Carson (B.Sc. Eng.; M.A.Sc. UBC, 1960; Ph.D., Carleton, 1968) retired from Noranda in March, 1999, and established his own company (Carson Consulting) (carcon@ibm.net) in Georgetown, Ont.

1959

Gord Cooper, (B.Sc., Hon.; M.Sc., Memorial, 1968; B.Ed., Memorial, 1968) retired from teaching career as Science Dept. Head in 1993.

1966

Doug Ellenor (B.Sc., Hon.; Ph.D., U. New England, Armidale, Australia, 1971), after 25 years with Shell, joined Nimir Petroleum in London, UK, as Director of Business Development. He's at Douglas.Ellenor@nimir.com

Armin Kuhme, (B.Sc., Hon.), is involved in seismic exploration for Sirte Oil Co. in the Sirte Basin, Lybia. He lives in Mersa el Brega, raising sweet grapes and a local breed of cat. He gets home to Calgary one month each year.

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**1967**

Gary Ansell (B.Sc., Hon.) retired in 1997 after 25 years as a GSC mineralogist and museum curator. He now lives in Nanaimo at gansell@mail.island.net and does mineralogical database development work "when necessary".

1970

Eric Joss (B.Sc. Eng.) phoned to report the death of classmate Greg. Douglas, a real nice guy. (See Alumni Review, May-June, 1999, p. 19). Eric lives in Kingston and is busy renovating houses.

1972

Vivien (Campbell) Hannon (B.Sc., Hon.) is kept busy with her 3 children and her job at the Computer Centre at Dalhousie. she can be reached at Vivien.Hannon@Dal.CA.

Pat Hannon (B.Sc. Eng.; M.A.Sc., Mining, TUNS) formed his own company, Minetech

Andy Roberts (B.Sc., Hon.) has been slaving over a hot XRD at the GSC (aroberts@NRCan.gc.ca), and in almost 25 years, has worked on the description of more than 50 new minerals (including garyansellite).

1973

Thom Bainbridge (B.Sc. Eng.) runs both a petroleum and a minex exploration company out of Sidney, B.C., when he isn't playing golf.

Jack Callahan (Ph.D.), a prof at Appalachian State, North Carolina, (callahnje.appsta.edu) reports he is researching artifacts from Bluebeards ship, the Queen Anne's Revenge, sunk off Beaufort, N. Carolina in 1718.

Bruce Peckover (B.Sc., Hon.) (bpeckover@home.com) is with Canada Life in Toronto. He's a Certified Financial Planner, Chartered Life Underwriter, Financial Consultant and Canadian Advertising Agency Practitioner.

1974

Ted Munden (B.Sc. Eng.; MBA, Queen's, 1978), who lives in Ottawa, is President and CEO of Queen Sand Resources, a Dallas-based oil and gas production company. He's at TMunden@qsri.com

Marcos Zentilli (Ph.D.), a prof at Dalhousie (marcos.zentilli@dal.ca), who mixes studies of Andean ore deposits with acid rock drainage and Scotian Shelf hydrocarbons, was just selected Earth Sciences Professor of the Year.

Pierrette Trembley (M.Sc.) was presented with the E. R. Ward Neale Medal at the GAC-MAC Meeting at Sudbury in May. The award is for significant contributions to public awareness of geoscience.

1975

Simon Haynes (Ph.D.) is celebrating his 25th year as a prof at Brock and is preparing a text on "Geology and Wine". He welcomes articles or even useful info, at shaynes@craton.geol.BrockU.CA.

1976

Tom Bryce (B.Sc., Eng.), his wife, and dog share 40 acres of bush near Ymir, B.C. When absolutely necessary, Tom consults for the Oil Patch. He can be contacted at ptbryce@netidea.com

Andy Fyon (B.Sc., Eng.; M.Sc., McMaster, 1980; Ph.D., McMaster, 1985) is Sr. Manager, Precambrian Geoscience Section, OGS, which looks after geologic and geophysical mapping and ore deposit investigations. He can be contacted at andy.fyon@ndm.gov.on.ca.

1977

Demetri Georgiou (B.Sc. Eng., M.A.Sc., Waterloo, 1983) has put in 20 years as a consulting geotechnical engineer. He is currently manager of the Thunder Bay Branch of Trow Consulting

1978

Jim Leanderson (Ph.D.) got a teaching certificate after leaving the Colorado School Of Mines, then worked in gold exploration in Saudi Arabia, then back to teaching in Arizona, then teaching in Bamako, Mali, then last year a move to the American Community School in Beirut, Lebanon, where he reports that Queen's is well represented. Whew! For all the details, contact Jim at jleanderson@acs.edu.lb

1982

Rob Arthur lives in Lyndhurst and works as a building contractor. Ah budding righter, he kneads spell cheque too keep hymn aweigh from stooped errors

Karen (Mann) Scott (B.Sc., Hon.) developed a hands-on rock and mineral workshop that she takes to the public schools of the Edmonton area. Old buddies can contact her at KScott@ accessweb.com.

1983

Sue Gordon (B.Sc., Hon.; M.Sc., Carleton; Ph.D., Waterloo) worked first as a hydrogeochemist around Ottawa. In 1998 she moved to Calgary where she enjoys regulating people by being a Regional Contaminant Hydrogeologist with Alberta Environment. Email anticipated at suegordon@hotmail.com

Jon Greggs (B.Sc., Hon.) is Technical Supervisor/Curator for Geology and Geophysics (greggs@geo.ucalgary.ca) at Calgary. He also chairs the Professional Development Committee of APEGGA.

Mikey Young has spent over 12 years in Australia. Now based in Perth, he is devoted to his wife, his dog, his dog's fleas, mountain biking, bike spills, sailing, and wine. He's at mcym@mrtconsulting.com.au.

**1984**

Alfonso Trudu (M.Sc.; Ph.D., Monash, Australia, 1993) works as a mineralogist/petrologist for CSIRO in Brisbane. His email address is alfonso.trudu@minerals.csiro.au

1985

Bill Barclay (B.Sc., Hon.; M.Sc., Toronto, 1989) is president of W.A. Barclay Exploration Services Ltd., a Toronto company that works in mineral exploration. He can be reached at bbarc@netcom.ca

Colin McDowell, who works north of 60, can be contacted at Colin.McDowell@gov.yk.ca.

Neil Robertson (B.Sc., Hon.) lives in Ottawa with his wife and 2 children, and works for Oracle Corporation as a Senior Sales Consultant. His office email is email.isnroberts@ca.oracle.com

Rick McCreary (B.Sc., Hon.; M.Sc., Queen's, 1990; MBA, McGill, 1996) has been working since 1997 at TD securities, advising mining clients on finance, mergers and acquisitions.

1986

Rod Allen (M.Sc.) is manager for spring and groundwater resources for Perrier, covering the Midwest and Ontario areas. He makes his home in St. Charles, Ill.

Mike Byerley (B.Sc., Hon.; M.Sc., Waterloo, '92) was still getting work as a well-site geologist this winter. He lives in Calgary with his wife and 2 kids, and can be contacted at byerleym@home.com

1987

Steve Rowins (B.Sc., Hon.; M.Sc., Ottawa, 1990; Ph.D., Western Australia, 1994), was appointed Assistant Professor at UBC in January, 1999. You'll find him at srowins@eos.ubc.ca

1988

Steve Butler (B.Sc., Hon.; MBA, Dalhousie, 1991) is a gold mining analyst with Nesbitt Burns in Toronto. His email address is sbutler@nesbittburns.com.

Rob Langill (B.Sc., Hon.) lives in with his wife and son in Calgary. He's a senior geologist with Highridge Resources and can be contacted at rlangill@highridgelt.com.

1990

Eric Romero-Sierra (B.Sc., Hon.; B.Ed., Queen's, 1997) lives with his wife and 2 kids in Mississauga, where he teaches Grade 8. His email address is romeroe@cms.peel.edu.on.ca

1991

Nathalie Sweet (B.Sc., Hon.) is reported to be working for Ranger Oil in Calgary

1992

Melanie Cooke (B.Sc., Hon.; B.Sc. Eng. 1995) is with Ernst and Young in Calgary.

Ian Foreman (B.Sc., Hon.), is living in West Vancouver, and has been working for 1.5 years for El Misti Gold, who operate solely in Peru.. You can contact him at ianforeman@hotmail.com

Jenn Vezina (B.Sc., Hon.; M.Sc., 1996, Alberta) is in Calgary working for Upton Resources.

1993

Melanie Kells (B.Sc., Hon.) is reported to be working for PanCanadian in Calgary.

Jennine Long (B.Sc., Eng.) is reported to be working for Amoco in Calgary

1994

Sue Fraser (B.Sc., Eng.) is reported to be working for Aqua Terre, a consulting firm, in Ottawa

Dee Macdonald (B.Sc., Eng.) took a year-long GIS course at BCIT, then used her skills to hold down a job with Weldwood of Canada in Quesnel, B.C. Say Hi-Dee-Hi at Dee_MacDonald@weldwood.com

1995

Joanna Muzzin (B.Sc., Eng.; M.Sc., Civil, 1997) (jmuzzin@ensr.com), de facto Queens rep in the Boston area, is still with ENSR Consulting in Boston. She reports that Lisa Bissett (B.Sc. Eng., '91) left ENSR last summer to attend Wharton Business School at the University of Pennsylvania.

Meera Nathwani (B.Sc., Eng.) is still with Shell, but in maths-oriented reservoir engineering. I've been told to tell people that she models.

Matt Nelson (B.Sc., Eng.) is finishing up his masters at Waterloo, supposedly in groundwater, but with a strong sports activities component. He keeps in touch using md2nelson@cgrpc.watstar.uwaterloo.ca

Laura Neville (B.Sc., Eng.) left Aqua Terre then worked for Syeman Associates in Calgary till it closed up shop last May. She skated this winter so as to be able to try out for Jill's Western Schists.

Jill Rutherford (B.Sc., Hon.; B.Sc. Eng., 1998) is working under high pressure on east coast prospects for Chevron. (jjru@chevron.com). She is considering forming a Calgary Branch of the Gneiss Girls/Tuff Schists

Betsy Willson (B.Sc., Eng.) has left the academic world and works (finally) with Esso.

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Michelle Wright (B.Sc., Eng.; M.Sc., (Civil), 1996) mwright@intermap.ca works for Aqua Terre in Calgary. The following Geoen. grads are reported to be in Calgary- **Tom Anthony, Jill Belisle, Sean Buckles, Rebecca Jacksteit, Lynn Reiche, and Ian Watson.**

1996

Paul Buisseret (B.Sc., Hon.) is now based in Fairbanks, Alaska, travelling around the state for Newmont Exploration. **Hillar Lilles** (B.Sc., Eng.) is reported to be working in Calgary. **Dan Polley** (B.Sc., Eng.) works for the Alberta Energy Company in Calgary. You can harass him at danpolley@aec.ca

1997

Lawrence Arcand (B.Sc., Eng.) has been travelling around a bit recently for SAE Inc. of Barrie, Ont. He takes the big step (poor girl!) June 5. Congrats to Lawrence at larcand@saeinc.com

Dave Baker (B.Sc., Eng.) spent 4 months in Guyana doing mineralogy. He went west in the fall of '97, and works for Stantec in their Urban Land Division.

Matt Boucher (B.Sc., Eng.) left the West Coast and now works for Thurber in Toronto. He was a great success at building a big earth embankment in N.B. He learned to shovel it at the feet of a master.

Jason Crowder (B.Sc., Eng.) (crowder@ecf.utoronto.ca) appears to have taken charge of the senior soils course at the U. of T. in an attempt to upgrade learning there. Should be a success, he shares Matt's qualifications.

Kim Gross (B.Sc., Eng.) and Kevin Kearns (B.Sc., Hon.) have joined Katherine Hopkinson (B.Sc., Eng., '96) working for O'Connor Environmental in Calgary

Chris Herd (B.Sc., Hon.) skipped an M.Sc., and is on a Ph.D program at the University of New Mexico studying spinels from Martian meteorites. Friends can reach him at herdc@unm.edu.

Alison Mace (B.Sc., Eng.) works for Cominco Engineering Services Ltd., working on an environmentally friendly way of treating gold and copper ores.

Brian Martin (M.Sc.) is reported to be working in Calgary

Kelly McKie (B.Sc., Eng.) was working this winter in Calgary with a small oil and gas company and was taking a night course in the economic evaluation of oil and gas properties.

Erin O'Neill (B.Sc., Eng.) (esoneill@hotmail.com) and '97's birthday girl, **Joyce Chen** (B.Sc., Eng.) work at Bruce Geotechnical in Vancouver. Apparently Iain Bruce (B.Sc., Eng., '73) knows where to find good staff.

Anna Russell (B.Sc., Eng.) works at the Golder Office in Mississauga.

1998

Laurel Basciano (B.Sc., Hon.) is working on a mineralogy/crystallography masters at UBC. She has been throwing her weight around at both ice and ball hockey. Her address is basciano@eos.ubc.ca

Nadia Belanger (B.Sc., Eng.) started working in September for the National Energy Board, making sure that material used in pipeline construction comes up to her high standards.

Jordan Beveridge (B.Sc., Eng.) has changed jobs again. He joined Canada Cement Lafarge this summer and seems to be convincing his employers that he is a bona fida engineer.

Andrea Cheung (B.Sc., Eng.) is working in the Queen's-infested Golder office in Mississauga. To dilute the pollution, **Eric Theisburger** (B.Sc., Eng.) has been sent to Australia on a down under-project.

Lori Ferguson (B.Sc., Eng.) is with Fletcher Challenge Pulp and Paper Company in Vancouver.

Art McCarthy is reportedly working in Calgary, probably between hockey games.

Maggie Oliphant (B.Sc., Eng.) plans to teach English as a second language in Japan for a while, eh.

Matt Stewart (B.Sc., Eng.) is evaluating the frictional resistance between wood and snow under varying climatic conditions. (He's teaching snowboarding at Whistler, B.C., and is really dedicated to his research.)

1999

Morag Coyne (B.Sc., Hon.) has started an M.Sc., at the University of Alberta.

Susan Pfister is off to meet all the byes what builds the boat. She starts an M.Sc. at Memorial.

Simon Wong (B.Sc., Hon.) is off to Manitoba to start Graduate work in September.



ALUMNI UPDATE

Would you please help us to create an accurate location and mailing list by completing this questionnaire:

NAME: Queen s Degree(s) and Year (s)

Home Address: Business Address:
Telephone: Telephone:
Fax: Fax:
E-mail: E-mail:

Degrees since leaving Queen s:

Please let us know of any news that we can pass on to other alumni.

Please reply to: **Dianne Hyde** Tel: (613) 533-2596
Administrative Assistant Fax: (613) 533-6592
Dept. Geol. Sciences & Geol. Engineering E-mail: hyde@geol.queensu.ca
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Kingston, ON K7L 3N6