Greetings from the Head of Department

Season’s Greetings, with best wishes for a joyous holiday.

Welcome to the first Newsletter published since I became Head of the Department in July, 2009. I hope that you will enjoy the update on Departmental activities and Alumni news that are contained within these pages. In particular, we are pleased to highlight the excellence and breadth of the field education opportunities available to our students.

In addition, you will find information in these pages about the department’s tremendous success in attracting students into the program, updates on alumni reunions in 2009/10, and a listing of our faculty members and their research interest areas.


During my career, I have worked for the Ontario Ministry of Transportation, the University of Toronto, the Geomechanics Research Centre at Laurentian and Klohn-Crippen Consultants.

I have found the Department to be a very welcoming and stimulating place to work over the past decade. The passion and excellence of the faculty, staff and students makes for a very exciting environment. And, of course, Kingston is a lovely place to live.

We enjoy hearing from alumni, and even more meeting you during alumni events or visits to the Department. I hope to meet many of you personally, during my tenure as Department Head.

Geo Rocks! All the best,

Jean Hutchinson

The Queen’s Field Experience

Field trips are offered in every year of the program, developing strong field skills and knowledge: 40 hrs. in the Fall, plus 120 hrs. at Field School in the Spring, give students a big advantage for finding summer employment after 2nd year. Students select from four different upper year field trips on offer during Field trip week (Sedimentary Geology x 2, Structures & Tectonics, Geological Engineering). An exciting range of destinations and topics are also offered for the annual Graduate Field trip (Nepal, Chile, Europe, Southwest US).
Report on the State of the Department

Student Numbers ➤ We have been very successful at continuing to attract excellent students into Geological Sciences and Geological Engineering. The number of students is at a record high, exceeding the numbers in the last really large classes, who graduated in the early 1980’s. The 2nd year class includes 49 engineering + 40 science students. 235 students are currently registered in the 2nd, 3rd and 4th year programs. A key component of the student recruitment strategy has been the development of interesting 1st year courses taught by excellent instructors. These courses alert students to the exciting and interesting career possibilities in our field – most enter Queen’s knowing nothing about Geology. Another key attractor is information about the exciting range of career opportunities and destinations.

Field Education ➤ Students have the option to participate in at least 230 hours of field experiences within the program. Core courses in Field Methods (40 hours) and Field School (120 hours) provide students with a marketable set of field skills by the end of their 2nd year program, which is very attractive for summer employers. Week long 3rd and 4th year elective courses can be taken in sedimentary geology (two different trips), structural geology and tectonics, and geological engineering. The number of field courses has been expanded to respond to the high demand, and to manage crowding on the trips, as student numbers continue to rise exponentially. In addition, many lecture courses include a 1 to 2 day field trip. The ability to continue to offer such a comprehensive set of field experiences has been a key objective of Departmental planning. In these times of deep budget cuts to University funding, the alumni and industry supported “Field Education Fund” provides an essential contribution to these expensive activities.

Program Design ➤ The undergraduate science and engineering programs have both been restructured to ensure that students can take the suite of courses required for registration as a Professional Geoscientist. The core program in Geological Engineering has been streamlined, so that all graduates will have a solid formation in mineral exploration, geophysics, geoenvironmental and geotechnical engineering, but also have sufficient program flexibility to specialize in technical electives in any of these areas of study. Most courses can be taken by students from both programs: different assignment questions promote teamwork.

The one year Masters program was recently expanded to become the Masters of Applied Geology. Building from the MinEx program, more course options and potential faculty supervisors have been added to include other fields of study. This has lead to a welcome increase in numbers of students in this program.

Faculty Members ➤ The Department continues to excel in many ways. Our faculty members continue to receive first-rate teaching reviews from students, to be extensively engaged with their students, and to conduct world class research. This is reflected in the many awards and accolades received by our faculty and students, some of which are highlighted in this newsletter.

Budget Cuts ➤ Budget cuts have been applied to Queen’s University for many years. At the Departmental level, this has resulted in the collapse of positions upon retirement or resignation of faculty and staff. At this time, there are 13.5 full-time faculty members, several dedi-
The ongoing budget cuts have also been eroding the funds available to pay teaching assistants – which we have responded to by reviewing all TA positions with a view to reducing hours, where pedagogically sensible. We have also initiated a named TA-ship opportunity, which will be funding 14 positions this year (see page 9). Due to the collapse of vacated permanent positions, the department no longer has a Geophysics specialist. In the coming few years, due to impending retirements, Sedimentary Geology will be the next subject area to be lost, if positions are not replaced. Keeping the department at a critical mass of faculty and staff, and with enough expertise to cover the fundamental subjects in our discipline, is our biggest challenge at this time.

*Course Instructors — Adjunct or Retired Faculty Members

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Who’s who of Queen’s Geo

- D.A. Archibald: Field Methods
- R.W. Dalrymple: Siliciclastic Sedimentology
- M.S. Diederichs: Geomechanics
- S. Dineva: Geophysics
- M. Doggett: Mineral Economics
- L. Godin: Structural Geology
- W.A. Gorman: Terrain Evaluation
- J.A. Hanes: Geological Engineering
- R.M. Harrap: GIS
- H.H. Helmstaedt: Diamond Exploration
- D.J. Hutchinson: Geotechnical Engineering
- N.P. James: Carbonate Sedimentology
- H.E. Jamieson: Environmental Geochemistry
- T.K. Kyser: Geochemistry
- D. Layton-Matthews: Petrology & Geochemistry
- J.K.W. Lee: Geostatistics
- S. McBride: Introductory Geology
- G.M. Narbonne: Paleontology
- G.R. Olivo: Economic Geology
- R.C. Peterson: Mineralogy
- V.H. Remenda: Hydrogeology
- S.V. Rose: Environmental Engineering
Recent Retirements

The Department would like to thank Joan Charbonneau, Roger Innes and Dave Kempson for their many years of dedicated service. All three of these invaluable departmental staff members retired in 2009 / 2010. The Department misses their talent and dedication, and wishes them a very happy and healthy retirement.

W.A. Gorman Honoured

The undergraduate student room, on the 2nd floor of Miller Hall, was officially renamed the W.A. Gorman Student Lounge at the time of Al’s last full lecture in the spring of 2009. Al’s family members (daughter Barb, son Ian and grandson Ethan) attended the occasion, and the room was full to overflowing with students, staff and faculty well-wishers. Al continues to contribute excellent lab assignments for the airphoto course—this will be his 57th year of teaching in the Department.

In Memory Of...

It is with great sadness that we convey the news that Dr. Richard Milne passed away on April 5, 2010. Dr. Richard Milne was a generous and dedicated benefactor to the Miller Museum for many years, sponsoring many upgrades and the development of several new displays, including the excellent Geology of the Kingston Area exhibit, and the very popular Dinosaur displays, including the dino dig for kids. Dr. Milne is pictured (top, left), with Museum Curator Mark Badham, during the opening ceremony for the Dinosaur exhibit in 2009. A bequest from Dr. Milne’s estate will expand and upgrade the outreach and educational areas of the Museum, to better accommodate the large numbers of school and tour groups who travel through the Museum each year.

New Award Created

The Raymond A. Price Award for Excellence in Geological Engineering Design will be awarded for the first time in Spring 2010, to recognize students and excellence in their Design Projects. For the past 9 years, Queen’s GeoEng design students have won 1st or 2nd place in the Canadian Geotechnical Engineering Society Undergraduate Awards. Congratulations!

Annual Gem & Mineral Show

This year’s Annual Gem & Mineral Show was again a success. Hosted by alumni Brad Wilson and Darryl MacFarlane, the show offers incredible mineral, fossil, and meteorite samples, as well as an impressive collection of cut gems, and other geology-related items including geodes, stone carvings, and beautiful jewellery. Brad and Darryl graciously donate 10% of their sales to benefit the Miller Museum, a contribution that is greatly appreciated!

Lab Renovations and Upgrades

Dan Layton-Mathews, Heather Jamieson and Kurt Kyser were awarded a major CFI grant and associated funds...
In 2002 the first three "Trilobites" (Geological Sciences and Geological Engineering triathlon training group) dragged themselves out of the primordial ooze of everyday normality and did their first K-Town Triathlon short course. Since then the following students and staff have taken the K-Town challenge:


Next year’s K-Town Triathlon on Sunday July 31, marks the 10th season of the Trilobites. We would like to welcome back all Trilobites alumni to return for this years race. If interested please contact Rob Renaud (renaud@geol.queensu.ca) or Laurent Godin (godin@geol.queensu.ca).
Awards, Honours & Milestones

Dr. Guy Narbonne co-stars with Sir David Attenborough in a BBC/Discovery Channel episode of *First Life*.

Grad student Stephanie Fekete has won the 2010 Eisenstein Memorial Award for Research, for her work on ground hazard assessment in tunnels using Lidar.

Dr. Ray Price was awarded the 2010 Massey Medal by the Royal Canadian Geographical Society for his research on the tectonic evolution of the Canadian Cordillera.

Dr. Noel James was the 2009 recipient of the prestigious Logan Medal from the Geological Association of Canada.

Dr. Mark Diederichs received an NSERC DAS Award for his work on geomechanics challenges related to deep underground repositories for spent nuclear fuel.

Dr. Vicki Remenda received the OUSA Teaching Award in recognition of her work with Inquiry at Queens.

Dr. Ray Price was awarded the 2010 Massey Medal by the Royal Canadian Geographical Society for his research on the tectonic evolution of the Canadian Cordillera.
Dr. Jean Hutchinson has been awarded the Golden Apple Teaching Award for 2009 from the Queen's Engineering Society.

Dr. Mark Diederichs was awarded the Queen's Chancellor's Research Award for 2009 for his research on ground-support interaction in deep rock tunnels.

Undergraduate Michelle Thompson won the Award for Best Research Poster in the physical & earth sciences at the Rising Stars of Research conference.

Grad student Kathryn Kitney won the award for Best Student Presentation at the 2010 SGA Meeting for her MSc on the Barry gold deposit.

Dr. Heather Jamieson discusses arsenic contamination at a historical mining site near Yellowknife. The interview aired on CBC TV.

Drs. Layton-Mathews, Jamieson and Kyser have been awarded a major CFI grant to purchase a new Microprobe, Environmental SEM and stable mass spectrometer.

Dr. Guy Narbonne has been awarded the Billings Medal presented by the GAC for outstanding lifetime contribution to Canadian Paleontology.

Dr. Ray Price was honoured with an honourary LL.D. from the University of Calgary. He received his honours during the June 2009 convocation ceremony.

The 2nd year class (class of ’13) completed another successful year of Spring Field School in Sutton, Qc. The official video can be found on our website.

News is regularly added to the departmental web page, keep in touch with us at www.geol.ca

Visit us at www.geol.ca
The start of the fall 2010 term saw the opening of a brand new service in the Geological Sciences and Engineering Department – The Geology Help Centre. This service is organized and run by volunteer upper year students in the department.

With over 15 regular volunteers ranging from third years to graduate students, the Help Centre aims to provide a place for first and second year students to get help with anything they need. Volunteers provide assistance with assignments and labs as well as any general questions about first and second year course material. The volunteers are also currently running exam-specific tutorials for second year courses in the department. As well, the Help Centre forms the hub of student employment and academic mentorship. Volunteers can provide advice to younger students about summer job recruitment and academic experiences including participating in internships, international exchanges, and entering dual degree programs.

The Help Centre is a place where students help students. With drop-in hours available almost every day of the week, the Help Centre has been very well received by first and second year students; an average of 40 students use the service each week. With such a positive response from undergraduates, it is clear the Help Centre will continue next semester and hopefully in years to come, providing a fundamental resource for new undergraduates. The Help Centre works to showcase the friendly and unified nature of the Queen’s Geological Sciences and Geological Engineering Department while providing younger students with assistance in the monumental transition to the university atmosphere.

Of great benefit to the Department, the Club administers equipment funds derived from undergraduate contributions — the BED fund. In recent years the undergraduates have contributed overhead projection systems, have modernized the mineralogy lab, and have purchased much-needed equipment for field school and computers for the W.A. Gorman Student Lounge.

New initiatives this year include a Career Speakers Series, whereby alumni are invited to return to campus to share their career experiences and highlights. If you are interested in participating in this series, or would like to be kept up-to-date on the geology clothing and calendars produced each year, please contact Miller Club President Cirisse Stephen at cirisse.stephen@gmail.com.
Jolliffe Club News

On the academic front, the Jolliffe Club organizes a weekly Geocolloquium series, where students, professors, alumni and professionals come to showcase the work they are doing. Some of the interesting talks coming up in 2011 include: Carl Nagy speaking on the Graduate Field School trip to Nepal, Al Gorman speaking on his trip to Antarctica and Michelle Thompson speaking on her undergraduate research on meteorites, to name a few. If you are interested in speaking please contact us soon, spots for winter 2011 are filling up fast! Email Matt Perras at perras@geoladm.geol.queensu.ca.

Many of our graduate students also help to organize specific speaker series, such as the Oil & Gas Speakers series happening January 28-30th and the Advances in Earth Science Research Conference. These activities showcase the research being conducted in the department, help integrate the different research groups and make connections outside of the department.

We also organize weekly coffee time (Wednesdays at 2:15) and regular hockey games, as well as monthly events, such as a pumpkin carving, a Christmas cheer, a winter retreat and BBQ’s throughout the year.

If you happen to be in Kingston, drop by for a visit! We would love to hear your stories too!

Named TAships

An essential part of the teaching team, teaching assistants lead labs and tutorials, grade student work, and are excellent mentors and career advisors for students interested in a geological career. Due to ongoing budget cuts to universities, the TA budget has been declining rapidly, even though student numbers have been increasing exponentially. The new TAship fund is therefore an important element of continuing to offer a world-class education to the undergraduate students, and to providing graduate and undergraduate students with teaching experience.

Response in the last 6 months to the appeal for TA support has been excellent. At this point, more than 15% of the TA budget is being supplied by individual and corporate donors. The named TAships to date support courses in geotechnical and geoenvironmental engineering, sedimentary geology, field studies and mineral exploration. Several other named TAship opportunities are available – perhaps a group might wish to pledge a class gift for this initiative?

The named TAships, which are gratefully acknowledged here, have been funded for the next three years by:

BGC Engineering Ltd., Endeavour Mining, HanOcci Mining Advisors Inc., Paul Hemsley and Coryn Andre, Brian and Debra Heald, Roger and Lorna Smith, and Thurber Engineering Ltd.

This funding will support 15, or more, TAships in the department each year.

All undergraduate and graduate students in the program and in our large first year classes have been informed of the named TAships, as a form of external support for their education. The students have been asked to nominate excellent TAs for these awards.

If you are interested in supporting a named TAship, please contact Bob Dalrymple or Jean Hutchinson to discuss these opportunities.

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A.W. Jolliffe

Alfred Walton Jolliffe first worked for the GSC, mapping uranium deposits in the Northwest Territories. He began teaching at Queen’s in 1950, and he gained nation-wide recognition as an outstanding teacher, for his work with about 6000 first year engineers.
GEOLOGY COUNCIL

In September 2003 the Department inaugurated a “Geology Council”. This was initially based in Calgary but has now expanded to include members from Vancouver and Toronto. This has been a very successful effort.

The objectives of the Council are to:

▶ Enhance the link between the Department and its alumni
▶ Support the activities of the Department through philanthropic endeavors
▶ Advocate on behalf of the Department
▶ Provide external perspectives and advice.

There is no question that a high quality field studies program is a critical element for a strong geology education. To support the Department’s field studies activities, the Council created a Geology Field Studies Endowment Fund that will ensure that our students have the very best opportunity to become outstanding professional geologists and geological engineers of tomorrow.

To date the Council has raised more than $1.5 M through a wide range of alumni and corporate sources. The success of this effort has given the Department the financial resources to improve and expand the suite of field schools and field trips that are available to students. Many thanks to those who have already contributed to this fund and we encourage others to join in with their support.

For more information please contact any one of the individuals listed below.

Alumni Members
Roger Smith (Council Chair), Ken Cai, Colin Joudrie, Gordon Keep, Jamie McIntosh, Kathy Scales, Bill Slavin, David Stein, Jo-yi Wei, Michelle Wright, Vicki Yehl

Departmental Members
Bob Dalrymple, Jean Hutchinson

HOW YOU CAN HELP

If you would like to contribute to the department, there are several ways in which you can help:

The Geology Trust Fund. At the discretion of the Head of Geological Sciences & Geological Engineering, gifts made to the Geology Trust Fund are used to support the greatest departmental needs, such as teaching and equipment purchases or maintenance.

The Geological Field Studies Program. Established by Geological alumni and friends to support the Geological Studies Education Program.

Named TAships. If you are interested in the opportunity to sponsor a named TAship, please contact Bob Dalrymple or Jean Hutchinson at dalrymple@geol.queensu.ca or jhutchinson@geol.queensu.ca

Please return the included “How you can help” form to:

Department of Geological Sciences and Geological Engineering
Miller Hall, 36 Union St.,
Queen’s University,
Kingston, ON, K7L 3N6
or fax to 613-533-6592.

You can also contribute online by visiting our website (www.geol.ca) and following the “Support Geo” link. A receipt will be mailed to you for any and all contributions made.

“The field trip was a phenomenal experience. Being able to learn about class topics in real situations gave me a better understanding of the scale and complexity of real mining projects. (I also learned how awesomely fun it is to go underground!).”

- S. G. 4th-year GeoEng
Field education remains an essential component of the education offered to students at Queen’s in the Department of Geological Sciences and Geological Engineering.

**Full field schools (1 to 2 weeks long) are offered in:**
- Geological Field Methods, Geological Field School
- Sedimentary Geology and Paleontology – Adirondacks
- Sedimentary Geology and Paleontology – Quebec
- Structures and Tectonics, Geological Engineering

**Field trips are offered in:**
- APSC 151 (all first year Engineers – ½ day)
- GEOL 281 (Engineering Geology - 1 day)
- GEOL 321 (Structures - 1 day)
- GEOL 352 (Mineralogy - 1 day)
- GEOL 337 and GEOL 368 (Paleontology & Carbonates - 1 day)
- GEOL 343 (Hydrogeology – 1 day)
- GEOL 413 (Engineering Geology - 1 day)
- GEOL 452 (Mineralogy - 1 day)
- GEOL 465 (Geochemistry - 1 day)
- GEOL 478 4th Year (Sedimentology - 1 day)

These trips are funded using a mixture of sources. This includes the essential contribution of 1/3 of the total amount of funding which is provided by the endowed Geological Field Education. Alumni and corporate support of this fund is an essential component of our ability to continue to develop this fund. The balance of the trip funding is provided by departmental trust accounts, and student contributions in the form of a Transportation Levy and Accommodation fee for overnight trips.

"Seeing most parts of the mining cycle in action created a perspective on their enormity that I find to be lost in the classroom. Most importantly, the logistics of applying the design and developing a 3D perspective in the mine operations. I was most inspired by the underground and open pit mining operations, and am very reassured that I have landed myself at the start of a very exciting career path."

- J. D. 4th-year GeoEng

"The field experience gained throughout the undergraduate programme, both for Geo and GeoEng students, at Queen’s is truly invaluable. Almost every course offers a field component, which allows us to apply concepts learned in the classroom in a very hands-on and concrete way, preparing us for our future careers. Skills in mapping, paleo-environmental interpretation, geotechnical design, geophysical data collection and tectonic interpretation, just to name a few, are developed through this field work even by the end of second year, and really give us a sense of what it means to be a geoscientist."

- E. L. ArtSci ’08
A number of successful alumni reunion events were held this fall – it was wonderful to meet new people and greet old friends at these events.

The alumni season was kicked off on October 2\textsuperscript{nd} in Calgary at the home of Jo-yi Wei and Neil Abhyankar. Attended by 35 people, this was the largest event of this season.

The west coast was next, with a lunch-time gathering, on October 23\textsuperscript{rd}, of 17 enthusiastic alumni to enjoy the lovely fall weather at Jane Wynn and Mike Fecteau’s lovely new home in Sidney, BC. That same evening, 14 party-goers feasted on delicious chilli and Queen’s colour tarts at the mountain-side home of Colin Joudrie and Dawn Russell.

Ontario reunions were next, held in Kingston and Toronto. On November 12\textsuperscript{th}, 21 alumni, and at least as many faculty, staff and students, enjoyed chatting over wine and cheese in the Miller Museum. Held in conjunction with the Annual Gem and Mineral Show, hosted by alumni Brad Wilson and Darryl MacFarlane, alumni enjoyed viewing the renovations to the Museum and browsing through the lovely items on sale. The following week, on November 18\textsuperscript{th}, the inaugural Toronto reunion, co-hosted by Jamie MacIntosh and David Stein at Jamie’s boardroom in downtown Toronto, attracted 20 alumni spanning more than 30 years of graduating classes.

Please mark your calendars for alumni receptions planned for early 2011! – in Vancouver at the Round Up on Monday January 24\textsuperscript{th}, and in Toronto at the PDAC on Tuesday March 8\textsuperscript{th}. We hope to see you at one, or both, of these events, even if you are not attending the conference.

If you would like to receive notice about upcoming alumni reunion events, please make sure that your email address on file at Queen’s is correct. To make updates, please send an e-mail to: \texttt{records@queensu.ca}

Jean Hutchinson
By W.A. Gorman

So I’m big on nostalgia, and I love to hear what Queen’s geologists are up to. There are probably some nostalgia types out there like me, so if they want to hear what their old Miller pals (and some are really old) are doing, set a good example and send in your own news. You drop by my office, and the most common alibi I hear is “I forget”. So put me on your Xmas mailing list! A few months ago, I sent out a mass email, and got enough replies to make this column viable. But there are hundreds of you who get the Newsletter by snail mail, as we don’t have an email address for you. So this appeal is directed mainly to you.

Please send news to gorman@geol.queensu.ca & geolnews@geol.queensu.ca.

W. Alan Gorman

1962

Tom Frisch, B.Sc., Hon., Ph.D., U. Calif. Santa Barbara, 1967, reports “Following in the footsteps of a certain person not unconnected with this newsletter, I served as geology guide/interpreter on two Arctic cruises in August-September, 2008, Iqaluit-Resolute and Resolute-Kuujjuaq.” He points out that, unlike that person mentioned above, also an Arctic cruise guide, who was his mentor fifty years ago, he has actually worked in the Arctic. Retired from the GSC, he is now writing a report on field work done in the last century.

1964

Ellen Edwards Herron, B.Sc., Hon., lives in coastal North Carolina. She has traded her rock hammer for a pruning saw, as she gets involved with gardening. She also works as a volunteer at the North Carolina Dept. of Social Services. She keeps over a thousand worms to make compost. She tutors adults in reading skills. She keeps up on the sciences by borrowing the magazine SCIENCE from the local dermatologist. She goes white-water rafting in West Virginia with her eldest son and grandchildren, then on to Zip-lining. (I saw the Zip-line at Whistler in July, and didn’t push too hard when my daughter didn’t want to try it out). I’m too tired to continue.

1968

Aart Berkhout, M.Sc., Delft Technical U., Ph.D., remembers arriving at Queen’s from Holland in 1964, and the department placing him in my Reports and Essays course, so that he would be forced to write essays and make oral presentations, and thus improve his English. I guess it worked. He spent years in the oil exploration business in Texas (where they sorta speak English). After retiring, he spent summers in Nova Scotia to avoid the Texas heat. He now works with a Texas researcher who is studying early man in Southeast Asia. He asked about 1964-68 grad students, but I have had no news from them.

1969

Eric Nidd, B.Sc., Eng., and his wife, Cynthia (Duff), have had a good 40 years, with Eric spending most of it in the employ of IBM, and Cynthia as a Suzuki-Violin teacher. Eric is sort of retired (consulting 4 days a week), with plans to re-retire soon, and Cynthia has sort of retired. They’d love to hear from long lost friends at EricNidd@sympatico.ca or 905-852-7562.

1970

John Knight, B.Sc., Hon., Ph.D., McMaster, followed his doctorate in clastic sedimentology with a post-doctoral stay at the Smithsonian Institute, working on deep water clastics in the Hellenic Trench, Greece. Thence to Petro-Canada as a clastic sedimentologist, domestic and international exploration and development geologist, business manager and ultimately Principal Geologist. While do-
ing all this, he led field trips, lectured on clastics, stratigraphy, risk assessment, inter-disciplinary teamwork (geology, geophysics, reservoir engineering), reservoir characterization, and modeling/simulation. He retired in 2005, about 3 years after being diagnosed with Parkinson Disease, and now is enjoying traveling and the outdoors with his wife, Sherrill.

1973

Tyson Birkett, B.Sc., Eng., M.Sc., Ph.D., Montreal, 1974, has followed a long career in Economic Geology. He is presently with North American Palladium as Manager, Exploration, for Quebec, based in Val-d’Or, where he has been living for a few years now. He sends best wishes to all.

1979

Ann Miller, B.Sc., Hon., M.Sc., 1983, Dalhousie, Ph.D., Geo., Washington University, 1999, lives in Wolfville, Nova Scotia, and works on contract for Environment Canada, NRC, and on NSERC grants with faculty at Bishops University and the University of Manitoba on the marine record of abrupt Holocene climate changes, and on anthropogenic effects in the coastal zone & lakes. Ann would like to hear from past classmates and friends at dr.mom@ns.sympatico or PO Box 2253, Wolfville, NS, B4P 2N5.

1984

Tony Pascoal, B.Sc., Eng., works for Bel-Con Design-Builders in Belleville and Kingston. His son Anthony is doing a Masters across the street in Mining. His daughter, Claire, is at Ottawa University in the aeronautical engineering program.

1985

Jim Mucklow, B.Sc., Eng., M.Sc., Western, 1990, married Cindy in the summer of ’85, and worked in exploration for about a year before starting his masters, working on contaminant migration from landfills. While at Western, he did some minex work, taught geology to some engineering students, and spent some time enjoying his two newly arrived children. In 1990, he started working as a hydrogeologist with Golder in London, thence to Thunder Bay in 1995 as manager of the environmental group with Trow Engineering for 5 years, then another 7 years with Wardrop Engineering. In 2007, Jim started his own firm, Geosens, and a contract with Fortune Minerals of London led to a Thunder Bay-London commuting schedule. Recently, he has been working with Mt. Klappan Anthracite in northwestern BC, and NICO (cobalt-gold-bismuth) in the NWT. He spends considerable amounts of time consulting with First Nations groups and other stakeholders at both sites. In 2008, his son Isaac joined his sister Gillian at Ottawa U., where they are studying math and nursing respectively. So now he and Cindy are empty nesters.

1986

David Cohen, M.Sc., has taken over as Head of the School of Biological, Earth and Environmental Sciences at the University of New South Wales. Among the 50 academics in the school, there is one other Queensman, a biologist. David reports that the elitism of his Canadian contingent has been diluted by a number of U of T graduates. He also reports that Megan Clark, Ph. D., 1987, has been appointed CEO of CSIRO, Australia’s premier government research organization.

1987

Jim Lee, B.Sc., Eng., followed his Ph.D. with an extended postdoctoral and research fellowship at the Australian National University in Canberra. He then came back to roost at Queen’s with his Aussie wife Sally and their 2 daughters, Ashley and Carolyn. At present, he is Acting Associate Dean (Research) in the Faculty of Arts and Science. He’d love to hear from any of his geo classmates, especially those from Sci 86 and A&S 86.

1989

Trevor Borden, B.Sc., Eng., is now working as a consulting geophysicist in Calgary. AB (TD Borden Consulting Inc.). He’s married and has a daughter.

1990

Eric Romero-Sierra, B.Sc., Hon., is living and working in the Hamilton, Ontario area. He is still with the HWB School Board, but has switched from teaching to being a Vice Principal. Old classmates can contact him at enromero_sierra@hotmail.com.

1991

Janet Wishart Southern, B.Sc., Eng., has been working for Vale Inco in Thompson, MB, after spells at Snow Lake, MB, at the New Britannia Gold Mine and HBMS Chisel North Mine. She has been chatting with Francine Long, a recent addition to the Exploration Department about the Gneiss Girls Hockey team. Janet may not know it was renamed “The Tuff Schists”.

1994

Treena Bron, B.Sc., is living in Adelaide, Australia with her husband, Tunde and 2 kiddies. She left the oil industry (Schlumberger, Santos) to do a Ph.D. in petroleum geology. She enjoys the life and rocks down under, but misses the greenery and snow up over.

1996

Paul Buisseret, B.Sc., Hon., finished medical school in Denver, and started a Family Medicine residency there at St. Joseph’s Hospital. He and his girlfriend, Kelly, who is an Internal Medicine resident, recently bought a house and are settling in for the next few years. On trips into the mountains, Kelly doesn’t always appreciate stops at rock cuts.
Alumni Accolades

Lawrence Arcand, B.Sc., Eng., has been raising his 2 sons in Brooklin (north of Whitby?) His wife Denise is in a 3 year graphic design program. He plays hockey regularly and also snowboards and kayaks, and keeps active playing soccer with his boys. In his spare time, he is employed by AECOM as Department Manager for the Subsurface Utility Engineering Group (SUE), an area he has worked for 6 years. He thinks it’s such a great job, he convinced classmate Matt Boucher to sign on with the Calgary office.

Nathalie Maurer, B.Sc., Eng., after a successful career at Queen’s, continued to row with the women’s National Rowing Team, winning a gold and silver at the Pan Am games in 2007, and racing in the World Championships in 2006 and 2008. She just missed out on the Olympics. She has just finished an M.Sc. at UBC in water resources management, working on residential water use in the Okanagan valley. She is based in Vancouver where she hopes to put her degrees to good use.

Alumni Accolades

Dr. Iain Pitcairn is the 2009 recipient of the Waldemar S. Lindgren Award Society of Economic Geologists

Jane Wynne is the 2010 recipient of the E.R. Ward Neale Medal Geological Association of Canada

Congratulations to our alumni!

THANK YOU FOR YOUR KIND AND GENEROUS SUPPORT

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To receive information via email about upcoming departmental alumni events, or to receive the departmental newsletter, please ensure that your personal information on file is current. You can update your contact information at: https://adv.queensu.ca/biographicupdate/

Several of our alumni have commented that they have not received information about reunions from the Department, but instead from their classmates. Therefore, we are mailing and emailing this newsletter to every person on the current list. If you received a copy of the newsletter via both delivery methods, then your information is up to date. If you would like to receive a copy of the newsletter by email only in the future, please send an email message to geolnews@geol.queensu.ca stating your preferred method of newsletter delivery. Please also forward the newsletter to your classmates, in case we have lost touch with them.

Al Gorman continues to collect alumni news for the Newsletter. We would love to hear from you. If you’d like to update fellow Newsletter readers on your news, please send a message to Al Gorman at gorman@geol.queensu.ca as well as to geolnews@geol.queensu.ca.
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