

**CORDILLERAN SECTION**



**GEOLOGICAL ASSOCIATION OF CANADA**

**Geological Association of Canada**  
***Cordilleran Section***

*web:* <http://www.sfu.ca/earth-sciences/gac/>

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## **NEWSLETTER – Fall, 1999**

### ***PRESIDENT'S MESSAGE***

#### ***Welcome Back!***

As we enter a new season of Cordilleran Section activities, it seems appropriate to review our membership and mandate. The Cordilleran Section of the GAC consists of a diverse group of geoscientists and students with a common interest in the earth sciences as they apply to the Canadian Cordillera. Presently we have about 200 members. Our mandate is to provide a common meeting ground for our membership, to keep our membership informed on earth science activities within our section; and to sponsor and organize talk series, short courses and publications relevant to our common interests.

The Cordilleran Section remains one of the largest and most active of the GAC sections. Financially, we are in excellent shape, with a positive bank account. Note we are down to less than a thousand copies of the very popular Vancouver Geology (from an initial 5000 printings). Plans are already under way for a new edition in the next couple of years or so.

We are still brainstorming events for the fall and winter, but several brown bag talks are slated. We will be co-hosting two GAC medallists on their lecture tours (Dr Cees van Staal [Past Presidents Medalist] on Nov 5 and Pierrette Tremblay [Neale Medalist] some time in the new year). We will repeat our popular short course in technical geo-Spanish (registration form enclosed in this newsletter) and I'm sure that this introduction to technical Spanish for geoscientists will sell out as usual. In the spring we hoping to sponsor a short course in geostatistics related to mineral deposits. Let us know if you have an idea for a talk, brown bag session or short course you would like to see, or better yet, you would like to help organise!

Our council has been discussing the lack of nominees in the past few years of western Canadians for the various G.A.C. medals that are awarded yearly. We are trying to come up with some worthy submissions for the year 2000. Deadlines for most of them is the end of December. See the plea for names or help with nominations in this newsletter. I am sure there are no lack of worthy candidates we should be putting up for these honours.

*- Peter Mustard*

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*Thanks to GSC Pacific Division (Vancouver) for mailing assistance*

## CORDILLERAN SECTION WEBSITE

Why wait for the newsletter to arrive? We have a website where information about the section and section activities are also provided. If the navigation bar below looks familiar, then you have already been there.

[Newsletter](#) [Brown Bags](#) [Calendar](#) [Membership](#) [Executive](#)

These buttons provide links to Web pages on which are posted electronic versions of our newsletters, a schedule of brown bag discussion sessions, calendar of up-coming events, a membership renewal/application form, and contact information of the Executive Council.

To access the website, point your browser to: <http://www.sfu.ca/earth-sciences/gac/>

## GAC MEDALIST PUBLIC LECTURE

**Dr Cees van Staal**  
Geological Survey of Canada

**1999 GAC Past President's Medalist**

*The Northern Appalachians/British Caledonides:  
An Example of an Accretionary Orogen*

**Friday, Nov. 5, 3 pm**

Room 330 A  
Geological Sciences Building  
University of British Columbia  
(co-sponsored by the Department of Earth and Ocean Sciences, UBC)

note: admission is free and there is no  
advance registration for this public lecture.

## GEOSPANISH

### - INTRODUCTION TO TECHNICAL SPANISH FOR GEOSCIENTISTS

One of our most popular events during the last several years, this stimulating course will help geologists work in Latin America, read and speak technical Spanish. The instructor yet again will be Rodolfo Baca Chavez of Rescan Environmental Services Ltd. Rodolfo will also provide an understanding of some of the "do's" and "don'ts" of speaking Spanish in the field and some guidance to how to read geological maps produced in Spanish. The course includes an extensive glossary of Spanish geological terms and other materials.

**Date:** November 23, 25 1999

**Time:** 7:30-9:00 pm

**Location:** SFU Harbour Centre Campus, 515 West Hastings Street; Room 2050

**To Register:** complete and mail the registration page on the back of this newsletter, along with payment.

## GAC CORDILLERAN SECTION 1999-2000 EXECUTIVE

	Name	Affiliation	Phone	Fax	Email
<b>President</b>	<a href="#">Peter Mustard</a>	SFU Earth Sciences	291-5389	291-4198	<a href="mailto:pmustard@sfu.ca">pmustard@sfu.ca</a>
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<b>Treasurer</b>	Jane Howe	Consulting Geologist	951-3052	951-3052	<a href="mailto:jmhowe@uniserve.com">jmhowe@uniserve.com</a>
<b>Publications &amp; Membership</b>	Mark Mauthner	Pacific Mineral Museum	871-1520	708-6065	<a href="mailto:mauthner@unixg.ubc.ca">mauthner@unixg.ubc.ca</a>
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	Doug Reddy	Snowden Resources	683-7645	683-7929	dreddy@snowden-ca.com
	Chris Stanley	Geological Survey of Canada	666-6034	666-1124	<a href="mailto:cstanley@gsc.nrcan.gc.ca">cstanley@gsc.nrcan.gc.ca</a>
	Heather Sparks	UBC Earth & Ocean Sciences	224-0042		<a href="mailto:sparks@interchange.ubc.ca">sparks@interchange.ubc.ca</a>
	Keith Patterson	UBC Earth & Ocean Sciences	739-8606		kpatterson@eos.ubc.ca

## **GAC MEDALIST NOMINATIONS SOUGHT**

The National GAC awards several medals yearly to distinguished geoscientists in recognition of outstanding contributions to the understanding of Canadian geoscience. Potential medalists for these awards are nominated by individuals or organizations and most nominations remain active for three years. The closing date for nominations is generally Dec 30. of the previous year, and nominations generally comprise a C-V and biography describing the candidates accomplishments in his/her field of geology, plus additional documentation and letters of endorsement.

The GAC Cordilleran Section is attempting to identify individuals within our section that we could nominate for any of these medals. We welcome suggestions from our members. A summary of the main medals is provided below. See the main GAC website for further details and a list of past recipients of individuals (<http://sparky2.esd.mun.ca:80/~gac/> )

### ***Logan Medal***

The Logan Medal is the highest award bestowed by the Geological Association of Canada. It is awarded to an individual who has made outstanding contributions to geoscientific knowledge in Canada.

### ***Past Presidents Medal***

The Past Presidents' Medal of the Geological Association of Canada is awarded to a geoscientist who, during the first decade or so of her/his career, is judged to have made an outstanding accomplishment in research, development or applications in their particular field.

### ***J. Willis Ambrose Medal***

The Ambrose Medal of the Geological Association of Canada is awarded to an individual who has rendered sustained distinguished service to the earth sciences in Canada through outstanding accomplishments in one or more of the following realms: education, research, management and administration, promotion and institutional, professional or society affairs.

### ***Geological Association of Canada Medal***

The recipient of the Geological Association of Canada Medal will be a non-resident of Canada who is deemed to have made significant contributions toward the understanding of earth history or processes.

### ***E.R. Ward Neale Medal***

The E.R. Ward Neale Medal of the Geological Association of Canada is awarded to an individual who has made, or is making, significant contributions to the public awareness of geoscience. The award recognizes outstanding efforts to communicate and explain geoscience to the public through one or more of the following vehicles: public lectures, print or electronic media articles, school visits, elementary and secondary educational materials, field trips, science fairs and other public communication.



# Upcoming Cordilleran Section Events Fall, 1999

**20 October, 12 noon Brown Bay Talk** GSC Boardroom

**Dr. Paul Metcalfe**, Consulting Geologist

*Hot Stuff in the Altiplano: Volcanoes and Associated Mineralization in the Serrania Intersalas, S.W. Bolivia.*

**NOTE: This Brown Bag talk will be in the GSC Boardroom - 15 flr, 605 Robson St.**

**05 November, 3 pm**, GAC Past President's Medallist Lecture, UBC Geological Science Bldg, 330A

**Dr Cees van Staal**, Geological Survey of Canada

*The Northern Appalachians/British Caledonides: An Example of an Accretionary Orogen*

**10 November, 12 noon; Brown Bag Talk** GSC Boardroom

**Dr Ted Danner**, UBC Earth & Ocean Sciences (emeritus)

*Geology of the San Juan Islands*

**23, 25 November, 7:30 - 9pm GeoSpanish Workshop**, SFU Harbour Centre, Rm 2050

**Rodolfo Baca Chavez**, Rescan Environmental Services Ltd.

## **BROWN BAG LUNCHES**

### ***Brown Bag Discussion Series***

Meets monthly from 12:00 to 1:30 pm at the B.C & Yukon Chamber of Mines or the Geological Survey of Canada boardroom. The Chamber of Mines is on the 2<sup>nd</sup> Floor Boardroom located at 840 West Hastings Street. The GSC boardroom is at 605 Robson St, on the 15<sup>th</sup> floor (to your right just before you enter the GSC library). Bring your lunch if you like.

**20 October, 12 noon** GSC Boardroom

**Dr. Paul Metcalfe**,

Consulting Geologist

*Hot Stuff in the Altiplano: Volcanoes and Associated Mineralization in the Serrania Intersalas, S.W. Bolivia.*

**NOTE: This Brown Bag talk will be in the GSC Boardroom - 15 flr, 605 Robson St.**

**10 November, 12 noon;** GSC Boardroom

**Dr Ted Danner**,

UBC Earth & Ocean Sciences (emeritus)

*Geology of the San Juan Islands*

We need ideas for, or volunteers to lead, our Brown Bag sessions. These sessions are casual, free-form talks with lots of audience interaction. They can be on any geoscience-related topic. Some sessions attract just a few participants, some have 30-40 present. The point is not necessarily to attract a big crowd, just an interested group willing to interact with the session organizers. Contact any of our executive if you have ideas for a good Brown Bag topic.

## Other Upcoming Events, Fall, 1999

- Oct. 21, 1999 UBC Collquia: (12:30 pm, Geological Sciences, Room 330A)  
Tracy Rushmer: University of Vermont; Mineralogical Society of America Distinguished  
Lecturer: Cracks, Fractures and Flow: Magmatic Journeys through the Earth's Crust
- Oct. 27, 1999: MEG Luncheon, (Crowne Plaza, 12:00 noon, reservations required)  
Don Lewis, Homestake Mining Co. Topic: Veladero, Argentina
- Oct. 28, 1999: UBC Collquia: (12:30 pm, Geological Sciences, Room 330A)  
Eira Thomas: Aber Resources: Kimberlite Exploration in the NWT
- Nov. 4, 1999: CIM *Dinner*: (5:30 pm, Stanley Park Pavillion, reservations required)  
Panel Discussion: Mining & Society: Change-Communication-Creative Solutions  
Contact: Dan Tresa at Tel.(604)683-8521 or dtresa@mcelhanney.com
- Nov. 5, 1999 UBC Collquia: (3:00 pm, Geological Sciences, Room 330A)  
Cess van Staal: Geological Survey of Canada; GAC Past President's Medalist:  
The Northern Appalachians/British Caledonides: An Example of an Accretionary Orogen
- Nov. 5, 1999 SFU Earth Sciences Seminar: (2:00 pm, South Science Bldg, Room SSB7172)  
Paul Kwan Chien, University of San Francisco  
Chengjiang Biota from the Burgess Shale of China
- Nov. 10, 1999: MEG Luncheon, (Crowne Plaza, 12:00 noon, reservations required)  
Dave Heberlein, Barrick Gold. Topic: Diablillos, Argentina
- Nov. 18, 1999 SFU Earth Sciences Seminar: (1:30 pm, South Science Bldg, Room SSB7172)  
Brian Atwater, U.S. Geological Survey  
The 1700 Cascadia tsunami in Japan.
- Nov. 20-23, 1999: 1999 Geoscience Forum, Yellowknife, NWT
- Nov. 23, 1999: Geophysical & Geochemical Imaging of Canada's Upper Mantle: one day short course,  
Yellowknife, NWT. Contact: Dr. Alan Jones, GSC: Tel.(613)992-4968 or  
ajones@cg.nrcan.gc.ca
- Nov. 24, 1999: MEG Luncheon, (Crowne Plaza, 12:00 noon, reservations required)  
Kerry Curtis or Glen Dixon, Cumberland Resources. Topic: Meliadine E+W, Nunavut
- Nov. 25, 1999: Eskay Creek and Subaqueous Hot Springs Workshop  
at SFU Harbour Centre -- Sally Howson BCYCM for details
- Nov. 28, 1999: CIM Luncheon: (12:00 noon, Stanley Park Pavillion, reservations required)  
Tentative: An Update on Cominco's Trail Operation  
Contact: Alistair Kent Tel.664-3109 or akent@hasimons.com
- Nov. 29- Dec. 3, 1999: Northwest Mining Association Annual Convention, Spokane, Washington
- Dec. 8, 1999: MEG Luncheon, (Crowne Plaza, 12:00 noon, reservations required)  
David Laudrum, Madison Enterprises Corp. Topic: Mount Kare, Papua New Guinea

## VANCOUVER AREA GEOSCIENCE ORGANIZATIONS

<u>Abbreviation</u>	<u>Name/Address</u>	<u>Contact</u>	<u>Phone</u>	<u>Fax</u>
MEG	Vancouver Mining Exploration Group C/O Viceroy Resource Corporation 2200 - 1066 West Hastings Street Vancouver, B.C. V6E 3X2	Sue Craig	688-9780	682-3941
CIM	Canadian Institute of Mining & Metallurgy P.O. Box 2559 Vancouver, B.C. V6B 3W8	Alistair Kent	664-3109	664-3301
BCYCM	B.C. Yukon Chamber of Mines 840 West Hastings Street Vancouver, B.C. V6C 1C8	Bruce McKnight	681-5328	681-2363
APEG	B.C. Association of Professional Engineers & Geoscientists 200 - 4010 Regent Street Burnaby, B.C. V5Z 6N2	Paul Blanchard	430-8035	430-8085
AEG	Association of Exploration Geochemists	Stephen Day	272-7793	687-3446
MDD	Mineral Deposits Division Geological Association of Canada	Jason Dunning	684-1454	689-3480
SFU	Simon Fraser University Earth Sciences 8888 University Drive Burnaby, B.C., V5A 1S6	Ted Hickin	291-5387	291-4198
UBC	UBC Department of Earth & Ocean Sciences 6339 Stores Road Vancouver, B.C. V6T 1Z4	Robert Ellis	822-2823	822-6088
MDRU	Mineral Deposits Research Unit 6339 Stores Road Vancouver, B.C. V6T 1Z4	Dick Tosdal	822-6136	822-6088
GSC	Geological Survey of Canada 101 - 605 Robson Street Vancouver, B.C. V6B 5J3	Catherine Hickson	666-0529	666-1124
BCGS	Ministry of Employment and Investment Energy & Minerals Division, Geological Survey Branch - Mineral Development Office 301 - 865 Hornby Street Vancouver, B.C. V6Z 2G3	Tom Schroeter	660-2708	775-0313

GAC CORDILLERAN SECTION SHORT COURSE

**GEO-SPANISH**  
**AN INTRODUCTION TO TECHNICAL SPANISH FOR GEOSCIENTISTS**

SFU Harbour Centre, 515 West Hastings Street  
Room 2050 (Eyre Boardroom)  
November 23 and 25, 1999 - 7:30-9:00 pm

This course entails two evening sessions presenting an Introduction to Technical Spanish for Geoscientists, some "do's" and "don'ts" of speaking Spanish in Latin America; how to read geological maps and reports and understand technical terms; and other aspects of technical vocabulary related to geology, economics, engineering and travelling.

Presented by: *Rodolfo Baca Chavez*, Rescan Environmental Services Ltd.

**Cost (including GST)**

**Member**..... \$30.00    **Non-Member\***: ..... \$45.00  
**Member Student or Senior**: \$20.00    **Non-Member Student\*/Senior\***: . \$27.00

\* includes membership in GAC Cordilleran Section

Price includes a glossary of Spanish Geotechnical Terms, instruction, participation, and more. Limit - 24 participants

**Registration Form**

Name: \_\_\_\_\_  
Company: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ Province: \_\_\_\_\_ Postal Code: \_\_\_\_\_  
Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

**Status:** Member \_\_\_ Non-member \_\_\_  
Member Student or Senior \_\_\_ Non-Member Student or Senior \_\_\_

**Payment Amount:** \_\_\_\_\_

**Payment Options:**

By Cheque: Make cheque payable to: G.A.C. Cordilleran Section

By VISA: GST Registration R108078569

Visa #: \_\_\_\_\_ Expiry Date \_\_\_\_\_ Signature: \_\_\_\_\_  
(must be signed to be valid)

**Mail This Page to:**

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