



# SOCIETY OF ECONOMIC GEOLOGISTS, INC.

7811 Shaffer Parkway • Littleton, CO 80127-3732 USA

Tel: 1.720.981.7882 • Fax: 1.720.981.7874

E-mail: [studentprograms@segweb.org](mailto:studentprograms@segweb.org)

## Student Chapter Annual Report Form

The purpose of this form is to report on Student Chapter activities over the previous year. The report provides a useful medium to document the status and progress of individual chapters. Annual Reports are used to evaluate applications for SEG support and to keep Student Chapter information up-to-date on the SEG website. Please provide a summary of Student Chapter activities in a concise form as suggested below. Description of programs may be supported by a limited number of photographs and figures in a format appropriate for publishing on our website.

**Submission Deadline: 30th September**

**Submit to: [studentprograms@segweb.org](mailto:studentprograms@segweb.org)**

This form should be submitted with the [Student Chapter Membership Information](#) form

Month/Year Reported — From: Mo./Yr. \_\_\_\_\_ To: Mo./Yr. \_\_\_\_\_

Student Chapter Name: \_\_\_\_\_

Student Chapter Mailing Address: \_\_\_\_\_

Student Chapter Website : \_\_\_\_\_

Student Chapter Executive Committee (*each must be SEG Student Member in good standing*) (type "Vacant" if position not filled):

President: \_\_\_\_\_

Name

E-mail

Vice President: \_\_\_\_\_

Name

E-mail

Secretary: \_\_\_\_\_

Name

E-mail

Treasurer: \_\_\_\_\_

Name

E-mail

Student Chapter Academic Sponsor (*must be SEG Fellow Member in good standing*):

\_\_\_\_\_  
Name E-mail Phone

\_\_\_\_\_  
Address Fax

Student Chapter Industry Sponsor (*SEG Fellow Membership is highly recommended; Industry Sponsor should not be affiliated with the student chapter's institution*):

\_\_\_\_\_  
Name E-mail Phone

\_\_\_\_\_  
Address Fax

Sponsoring Institution or Company (name): \_\_\_\_\_

Attach a list of names of **all** Student Chapter members (please indicate by \* if SEG Student Member).

On a separate page(s) provide a summary of annual activities:

1. Regular meetings, lectures
2. Field trips (dates, area visited, field trip leaders, number of participants, sponsors, benefits for students). Note: this is not the place for a detailed field trip report that is required from a Student Chapter who has received SEG funds.
3. Organization of conferences, workshops, short courses (theme, number of participants, benefits for students)
4. Participation in conferences, workshops, short courses (theme, number of participants from the Student Chapter, benefits for students)
5. Fund-raising programs
6. Other programs
7. Future plans

## 2008-2009 Annual Report of Activities

### 1-Regular meetings, lectures

The Student Chapter meets twice a month to organize its activities including field trips, short courses and scientific conferences. Minutes of the meetings are prepared by the secretary and are archived with the academic sponsor.

### 2-Field trips

On November 28th 2008, eight members of the Université Laval - INRS SEG Student Chapter went to the Niobec underground mine, Saint-Honoré, in the region of Saguenay Lac-St-Jean. Niobec contributes 7 to 8% of the world production of niobium. The majority of the niobium is produced in open-pit mines of IAMGOLD. This substance is predominantly used in steel production (superalloys, medicine, etc.). The visit was very instructive for the students who visited underground and surface operations.

From May 3<sup>rd</sup> to May 13<sup>th</sup> 2009, seven members of the Université Laval – INRS SEG Student Chapter visited mineral deposits in the area of Minas Gerais, Brazil. The group had a local geology lecture, visited a total of eight mines and two geology museums. In Belo Horizonte, Professor Carlos Alberto Rosière of the Universidade Federal de Minas Gerais (a university that also has a SEG Student Chapter), gave a lecture about the regional geology of the Minas Gerais area, paying special attention to the Quadrilátero Ferrífero. The first mine the chapter visited was the Belmont Mine, situated North-East of Belo Horizonte, which exploits emerald. The Student Chapter had a brief presentation of the company and then visited the open pit, underground mine the processing plant. Afterwards, the group visited Cuiabá underground gold mine owned by AngloGold Ashanti, located in the Quadrilatero Ferrifero. The group visited the mine shortly after blasting. They experiment the safety conditions in Brazil, which are different from those in Canada. After, the Student Chapter visited three iron mines of Vale: Águas Claras, Capão Xavier, and Mutuca mines, located near Ouro Preto. The group also visited an Alcoa bauxite mine, located in Poços de Caldas.

### 3-Organization of conferences, workshops, short courses

Since a couple of years, during the *Québec Exploration* mineral exploration conference and trade show, the Université Laval – INRS SEG Student Chapter is holding a short course, presenting various aspects of mineral deposits exploration. The 2008 (November 23<sup>rd</sup>-24<sup>th</sup>) short course was on geochemistry of magmatic Ni-Cu-(PGE) deposits such as Sudbury, Noril'sk, Raglan, Bushveld and Stillwater. The short course instructors were professors C. Michael Leshner (Laurentian University) and Sarah-Jane Barnes (Université du Québec à Chicoutimi), who are international experts on those types of deposits.

*Québec Exploration* is a popular convention attended by more than 2000 delegates that is usually held during 4 days and is a must-attend event for all mining exploration shareholders and

investors in eastern Canada. Conferences are held during the event and it's a nice opportunity to meet and share the latest developments in the mineral exploration industry.

It's possible to get additional information on *Québec Exploration* on the official website: <http://www.quebecexploration.qc.ca/english/home.asp>

#### **4-Participation in conferences, workshops, short courses**

On April 22<sup>nd</sup> 2009, during the *Journée des Sciences de la Terre et de l'Environnement* (JSTE), was held various presentations of graduate students. The SEG Student Chapter sponsored the activity and awarded a prize of 100\$ for the best presentation of mineral deposits.

#### **5-Fund-raising programs**

The Université Laval - INRS-ETE Student Chapter fund-raising programs are designed to sponsor the Student Chapter activities, in particular the fieldtrips. The revenues from the *Québec Exploration* short course are returned entirely to the Student Chapter. This is a major source of funding (8 800\$ in 2008). The short-course given by Michael Leshner and Sarah-Jane Barnes, during the *Québec Exploration* convention, contributed greatly to the Chapter fund. The Chapter also solicited mining and exploration companies to sponsor its activities. In 2008-2009, the Student chapter received 750\$ from Agnico-Eagle and Aurizon Mines, despite numerous solicitations. This was a particularly appreciated support in a period of economic downturn. The Chapter also received sponsorship from university student associations; CADEUL and AESGUL. The fund of the "Office Québec-Amérique pour la jeunesse" sponsored 70% of the flight tickets for the Brazil field trip. Finally, the Student Chapter held a meet-and-greet/fund-raising night at a local pub, during the same week.

#### **6-Future plans**

The Student Chapter has recruited, in 2009-2010, 31 local members so the future is promising for upcoming activities.

First, the Student Chapter will organise again this year the short-course during *Québec Exploration 2009*. The short course subject is recent developments in exploration geophysics. Different geophysical methods will be discussed in relation to discovery of various mineral deposit types. The course instructors are Professor Michel Chouteau (École Polytechnique) and Michel Allard (Xstrata Zinc).

Second, the Student Chapter is planning to visit the exceptional site of the Mont St-Hilaire quarry, part of the Monteregian intrusive suite, which is located near Montréal, where 372 minerals are known. The site is recognized as among the top ten mineral-collecting sites in the world.

Third, for the 9<sup>th</sup> year in a row, the Université Laval - INRS-ETE Student Chapter is going to

participate to the *Journée des sciences de la Terre* held in March 2010 and sponsor a prize for the best presentation on mineral deposits.

Finally, members of the Student Chapter are planning a field trip in May 2010 to visit mineral deposits. The field trip organizing committee is considering visiting mining areas in Equator, Chile, Mexico or South Africa. A decision on the field trip location will be reached later this fall.

### **Julie Francoeur**

Université Laval-INRS-ETE *SEG* Student Chapter President  
Undergraduate in Geological Engineering  
Université Laval  
Sainte-Foy, Québec  
Canada  
julie.francoeur.5@ulaval.ca  
Québec, Québec, September 30<sup>th</sup>, 2009



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## Student Chapter Membership Information

The purpose of this information form is to provide SEG useful information that will assist the SEG and Student Affairs Committee to improve and support student chapter programs. It should be submitted with: the Student Chapter Annual Report, Student Chapter Funding Application or when establishing a new SEG Student Chapter.

Date: \_\_\_\_\_ Student Chapter Name: \_\_\_\_\_ Page 1 of 9

For each SEG Student Chapter Member, please complete ALL of the following information. (Do not include this form as part of your Annual Report unless you would like it published on the SEG website.) It is recommended that the student chapter retain a saved version of this form for future edits and submissions:

### EXECUTIVE COMMITTEE:

President:	_____	_____	Yes / No	_____	/ 12-31-	_____	Under / PhD / MSc / Year: 1 2 3 4 4+
	Student Name	E-Mail Address	SEG Student Member?	SEG Member ID	Exp. Date	(Check One)	(Check One)

Research Thesis Topic (if applicable): \_\_\_\_\_

Career Aspirations (industry/academia including specialization): \_\_\_\_\_

Vice-President:	_____	_____	Yes / No	_____	/ 12-31-	_____	Under / PhD / MSc / Year: 1 2 3 4 4+
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Research Thesis Topic (if applicable): \_\_\_\_\_

Career Aspirations (industry/academia including specialization): \_\_\_\_\_

Secretary:	_____	_____	Yes / No	_____	/ 12-31-	_____	Under / PhD / MSc / Year: 1 2 3 4 4+
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Treasurer:	_____	_____	Yes / No	_____	/ 12-31-	_____	Under / PhD / MSc / Year: 1 2 3 4 4+
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Other Exec. Member:	_____	_____	Yes / No	_____	/ 12-31-	_____	Under / PhD / MSc / Year: 1 2 3 4 4+
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Check here to confirm that this committee has read and agrees to the Bylaws of the SEG Student Chapters as posted on the SEG website at <http://www.segweb.org/students/PDF/StChapBylaws.pdf>

**List additional Chapter Members on following page(s)**



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Vice-President:	_____	_____	Yes / No	_____	/ 12-31-	_____	Under / PhD / MSc / Year:	1	2	3	4	4+
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Secretary:	_____	_____	Yes / No	_____	/ 12-31-	_____	Under / PhD / MSc / Year:	1	2	3	4	4+
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Treasurer:	_____	_____	Yes / No	_____	/ 12-31-	_____	Under / PhD / MSc / Year:	1	2	3	4	4+
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Other Exec. Member:	_____	_____	Yes / No	_____	/ 12-31-	_____	Under / PhD / MSc / Year:	1	2	3	4	4+
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