



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

www.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

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

Month/Year Reported — From: Mo./Yr. 05/09 To: Mo./Yr. 01/11

Student Chapter Name: Australian National University

Student Chapter Mailing Address: Building 47, Daley Rd, ANU, ACT 0200

Student Chapter Website :

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

President:	<u>Jeremy Wykes</u> Name	<u>jeremy.wykes@anu.edu.au</u> E-mail
Vice President:	<u>Dominique Tanner</u> Name	<u>dom.tanner@gmail.com</u> E-mail
Secretary:	<u>Brendan Hanger</u> Name	<u>brendan.hanger@anu.edu.au</u> E-mail
Treasurer:	<u>Eleanor Peterson</u> Name	<u>ellepeterson@gmail.com</u> E-mail

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

<u>John Mavrogenes</u> Name	<u>john.mavrogenes@anu.edu.au</u> E-mail	<u>612 6125 3678</u> Phone
<u>Research School of Earth Sciences, ANU, ACT, Australia 0200</u> Address		<u></u> Fax

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

<u>Neil Williams</u> Name	<u>williamsgeoscience@grapevine.com.au</u> E-mail	<u></u> Phone
<u>Geoscience Australia, GPO Box 378, Canberra ACT, Australia 2601</u> Address		<u></u> Fax

Sponsoring Institution or Company (name): the Australian National University

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

ANU SEG Student Chapter Annual Report

The recently formed ANU chapter of SEG has in its infancy, worked tirelessly to actively engage students in the field of economic geology. Despite having a relatively small chapter and a few teething problems, the group has already achieved a lot with respect to fund-raising, field trips and active student participation and looks forward to expanding into the future. The following is a summary of our operations to date.

Regular Meetings and Lectures

The SEG student chapter executive meet fortnightly to discuss the direction of the group, brainstorm future projects and check that current plans are progressing. This is in addition to a monthly, whole chapter meeting usually accompanied by a BBQ and beer fundraising event, “beer and bix”.

As of yet, we have not been able to directly host any SEG specific lectures. However, weekly seminars held at the Australian National University Research School of Earth Sciences expose students to cutting edge geology across a variety of fields, frequently with a focus on economic geology. The seminars are free and students are encouraged to attend as they provide an opportunity to meet with leading academics from the ANU and around the world. Given the myriad of public lectures with a focus on geology already offered at ANU, we have made other activities (such as field trips and fund-raising) our main focus to date. Nonetheless, we aim to host more SEG specific lectures and seminars into the future.

Field Trips

Field trips have been the main focus of the ANU SEG chapter throughout 2010 with efforts being made to run a number of mine visits locally as well as larger international trips. Smaller trips have been run to a small skarn near Canberra, Centennial Coals Clarence Colliery (Lithgow, NSW) and Cadia Mine (copper-gold porphyry) proximal to Orange in

central-west NSW. These trips are available to all students and have allowed exposure to local economic deposits through industry.

The ANU chapter was also able to provide students with the opportunity to travel abroad to gain a better understanding of economic deposits. In October 2010, 17 final year undergraduate, honours and PhD students from the ANU SEG chapter travelled to Peru under the supervision of John Mavrogenes. The trip allowed students to get a hands on appreciation for a variety of ore deposits that they had been taught about in undergraduate studies. In particular, we visited; Barrick's Lagunas Norte mine (high sulfidation gold-copper), San Vincente (Mississippi Valley type) and Antamina (polymetallic skarn). Funding for the trip was derived from a number of sources (see "Fundraising" below), however the most notable contributors were Barrick, Newcrest Mining Limited and the SEG. Without the sponsorship and support of these organisations the trip would have been far too expensive for most students to attend. Further, transport costs were minimised through the goodwill of the family of Anne Sanchez-Lobato (ANU student chapter member) who own a bus company in Peru and were extremely helpful in moving us around! The trip was organised by SEG student chapter executives and the ANU academic sponsor John Mavrogenes. A big thank you must be given to our sponsors, Anne Sanchez-Lobato and her family and John Mavrogenes, who worked tirelessly to ensure the trip went ahead and without whom, the trip would not have been possible.

Organisation and participation in conferences, workshops, short courses

A number of conferences, short courses and workshops with a focus on economic geology are already available to ANU geology students via numerous industry channels. However, it is a future goal of our student chapter to further publicise these events and encourage participation in them. Further, we hope to harness the resources of the university to host events ourselves in the future. For this we require greater numbers of student members.

Fundraising

Fund-raising has been a priority of the ANU student chapter since was formed in 2009, with the main focus being to partially subsidise field trips both within Australia and around the world. The main inflow of funds has been sourced from industry by writing to companies

outlining our plans, and offering to use their logo on jumpers and other field trip related paraphernalia. In particular, Barrick and Newcrest have provided significant financial contribution over the past year. Similarly, funding applications to the SEG have provided funds that have minimised field trip costs to students. Further revenue has been raised through raffles, chocolate sales, bake sales and “beer and bix” BBQs within the ANU geology department and wider university.

Other programs and future plans

The main future goals of the ANU chapter are to grow and offer more opportunities to undergraduate geology students. In our formative years we have focused primarily on fund-raising and field trips. Our aims now are to maintain the aforementioned activities whilst growing our chapter numbers. In particular we are focusing on increasing the number of ANU student chapter members who are formally members of SEG. We aim to do this by increasing the awareness of benefits amongst students during targeted recruitment drives.

In addition to growing our chapter, we are looking to host a greater number of events at ANU including lectures, mine visits, workshops and short courses. Chapter members have also voiced interest in building and strengthening ties with other SEG chapters. In doing this we aim to sharing experiences and/or combine resources to host SEG related events such as field trips and short courses.

Field Trip Photos



Students at Cadia Mine



Students underground at Centennial Coal's Clarence Colliery



Before heading underground at San Vicente, Peru.



Students at Antamina Mine, Peru.



Machu Picchu, Peru