



SOCIETY OF ECONOMIC GEOLOGISTS, INC.

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Student Chapter Annual Report Form

This form is used 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 information up-to-date on the SEG website. Please provide a summary of 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: September 30th

Submit to: studentprograms@segweb.org

Month/Year Reported: From 09/2015 (mm/yyyy) – To 09/2016 (mm/yyyy)

Chapter Name: Camborne School of Mines Society of Economic Geologists (CSMSEG)

Chapter Mailing Address: Camborne School of Mines, CEMPS, University of Exeter, Penryn, Cornwall, TR10 9FE, UK

Chapter E-mail: rp416@exeter.ac.uk

Chapter Website: www.csmseg.com

Chapter Facebook: www.facebook.com/csmseg

Chapter Executive Committee (*in office during the time frame captured on this report*) (type "Vacant" if position not filled):

President:	<u>Dora Kavecsanski / Robert Pell</u> Name	<u>rp416@exeter.ac.uk</u> E-mail
Vice President:	<u>Hannah Jenkins / Camilla Owens</u> Name	<u>co308@exeter.ac.uk</u> E-mail
Secretary:	<u>Amy Gooding / Luke Palmer</u> Name	<u>l.w.palmer@exeter.ac.uk</u> E-mail
Treasurer:	<u>Bethany Fenn / Bara Ratrova</u> Name	<u>br275@exeter.ac.uk</u> E-mail

Chapter Academic Sponsor (*SEG Fellow membership in good standing*):

<u>Dr Jens Andersen</u> Name	<u>j.c.andersen@exeter.ac.uk</u> E-mail	<u>+44 (0)1326 371836</u> Phone
<u>Camborne School of Mines, CEMPS, University of Exeter, Penryn Campus, Cornwall, TR10 9FE, UK</u> Address		<u></u> Fax

Chapter Industry Sponsor (*SEG Fellow membership in good standing and not affiliated with the student chapter's institution*):

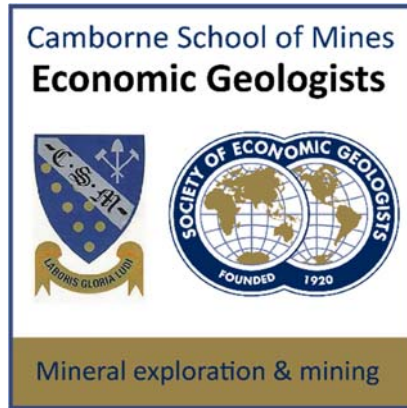
<u>Dr Simon Dominy</u> Name	<u>s.dominy@e3geomet.com</u> E-mail	<u>+44 (0)7717 337574</u> Phone
<u>1 Kingdom Street, Paddington Central, London, W2 6BD, UK</u> Address		<u></u> Fax

Sponsoring Institution or Company (name): Camborne School of Mines, University of Exeter

- Attach:**
1. a list of names of **all** Student Chapter members (please indicate by * if SEG Student Member).
 2. complete Student Chapter Membership Information form with the current Executive Committee listed on page 1.

On a separate page(s) provide a summary of student chapter 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 chapter who has received funding from the Stewart R. Wallace Fund.
3. If your chapter received funding from the Stewart R. Wallace Fund, please submit a separate actual accounting of how chapter funds were spent/used.
4. Organization of conferences, workshops, short courses (theme, number of participants, benefits for students)
5. Participation in conferences, workshops, short courses (theme, number of participants from the chapter, benefits for students)
6. Fund-raising programs
7. Other programs
8. Future plans



CAMBORNE SCHOOL OF MINES ECONOMIC GEOLOGISTS

ACTIVITY REPORT SEPTEMBER 2015 – SEPTEMBER 2016

FIELD TRIPS

ROSEVALE TIN MINE, CORNWALL

On the 13th of February CSM-SEG organised a trip to the Rosevale mine in Zennor, Cornwall. The trip included 16 students including geology undergraduate students, PhD students and staff members. Rosevale is an inactive underground tin mine which was operating from the 18th century until the 1920's and recently is under restoration and development work. As the mine is equipped as a working mine and also contains a wide variety of mining machinery, tools and relics we were able to learn about the specific mining techniques and mining history of the area. The mine has a problem with high ground water level and during our visit we learnt about the management of this problem.



IMERY'S CHINA CLAY MINE, ST AUSTELL, CORNWALL

In September CSMSEG also conducted a fieldtrip to Imery's China clay mine in St Austell, Cornwall which is a world class kaolin deposit and provides the majority of the UK's china clay export. China clay is the UK's second biggest raw mineral export after oil. Imery's Ltd is the world's biggest producer of industrial minerals. We visited the mine with 8 people from a wide variety of backgrounds. During the first part of the field trip we learnt about the general geology of the deposit. The second part of the field trip focused on the open pit blasting methods.

LECTURES

PROFESSOR JEREMY RICHARDS

On the 17th of February CSM-SEG organised for Professor Jeremy Richards from the University of Alberta to come to the University to talk about his research. He gave two talks one on the Tectonomagmatic controls on arc metallogeny and another on the Links between porphyry and Iron oxide copper gold deposits. Jeremy's visit was sponsored by the SEG Thayer Lindsley Visiting Lecturer scheme, which is associated with all SEG student chapters. The talks were attended by over 80 people from the geology department, ranging from 1st years to professors. They highlighted the exciting research currently ongoing in geology and how it can be applied to the mining industry, as well as current formation theories on porphyry copper deposits. The talks were accessible to all levels in the audience and provided a vital resource on research ongoing at institutions across the world. The talks ended with a reception at the CSM museum where food and drinks were provided by the CSM SEG.

MEETINGS

ANNUAL GENERAL MEETING

We conducted an AGM on Friday the 6th of May between 1-2pm. The AGM started with a slide show of previous trips that were conducted this year and President Rob Pell introduced the work CSM SEG conducts on campus. We then introduced the new website and twitter account. Topics that came up included fieldtrips for next year and funding by local companies. Two new committee members joined CSM SEG from the 1st Year ready to start in September. We finished by having an informal chat about potential social events/trips and talks for next year. There was also a wide variety of food on offer.

INTRODUCTION TO THE SEG AND CSMSEG

An introduction to what the Society of Economic Geologists and the CSMSEG offers took place at 7pm on the 22nd of September 2016. The lecture was well attended and discussion about lectures and trips was met with enthusiasm. A number of people showed interest in joining both societies. It was suggested that a similar event should be planned for the first week of term 2.

FUTURE PLANS

FIELD TRIPS

ROYAL CORNWALL MUSEUM

A trip to see the national collection at the Royal Cornwall Museum in Truro. This trip will be taking place on the Saturday morning of the 1st of October.

IMERYS CHINA CLAY MINE, ST AUSETLL, CORNWALL

ROSEVALE. ZENNOR, CORNWALL

PARYS MOUNTAIN AND NORTH WALES

We are planning a 2-4 day trip to Parys Mountain copper deposit and historic mine site to underground coal mines in Wales.

SOUTH CARRADON

INTERNATIONAL TRIP AT THE END OF THE YEAR

LECTURES

We are hoping to have guest lecturers in every two weeks at a regular time. Many of the members stated that they would like to hear about professionals as economic geologists and would like to know what their day-to-day job entails.

Below are a few of the suggested events for the first term.

Benedikt Steiner – Mineral potential mapping of orogenic Au deposits, Central Lapland Greenstone Belt, Finland

Association of Mining Analysts

Grinding Solutions

Russel Society

CV workshop