

Innovative Learning week:

Activities across the Earth Sciences are planned to expand the student experience including fieldtrips, workshops, graduate talks and transferable skills training.

1st & 2nd Years all Earth Science streams

The focus this year is on Energy for pre-honours years 1 and 2.

A seminar on 'Shale Gas' given by an International Speaker is planned for the morning of the 20th to be held in the Main Lecture Theatre, Grant Institute.

The lecture will compare US and European shale gas systems in terms of their geological history and characteristics. There are two other topics which will be highlighted. These are: European potential for biogenic shale gas; and the presentation of the palaeoceanography of black shales and how internal heterogeneities are caused.

Please follow this link for more information on Gas Shales in Europe:

<http://fb.eage.org/content.php?id=53682>

This will be followed by visits to the National Mining Museum, Newtongrange and to a modern power generation facility on February 21st and 22nd respectively – use sign up sheets on webCT.

Finally the programme of activities ends with a student-moderated debate on "The future of power generation in Scotland".

Staff: Mark Wilkinson; Geoff Bromiley; Bryne Ngwenya

3rd year

Geology: Spain field trip (Rachel Wood, Linda Kirstein, Andrew Curtis)

Geology & Physical Geography: Dissertation proposal event (Mikael Attal, Simon Mudd, Hugh Sinclair). See detailed description.

4th year

Enterprise Initiative Masterclass, Playfair Library 20-21st February 2012 for all Earth Sciences degree 4th year students (Kate Darling)

Cyprus sea-level day lectures and practical will also take place that week (Hugh Sinclair)

Introduction to GIS workshop (Jen Roberts)

Friday 24th February – open to all.

A short presentation, given by Katrina Knox, a graduate from the School of GeoSciences, followed by a Question and Answer session. The presentation will cover work in the energy and climate change sector, with some insight on career paths and how a School of GeoSciences degree helped, followed by an open floor question and answer session.