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This issue of LEEP is brought to you by the Student Experience Team; made up of (from left to right): Katie Livesey (Student Experience Officer) and Student Ambassadors: Amy Gosney (2nd Year Env Sci); Matt Le Good (2nd Year Geophys); Michelle Shiers (4th Year MGeol); Ranak Maher (MSc Sustainability). We help students within the School make the most of the opportunities available to them.



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ANDREA JACKSON: On Shoes, Teleporting and Tony Blair

Dr. Andrea Jackson studied Environmental Science at the University of Lancaster before continuing on to complete a PhD in Atmospheric Chemistry. Her research has taken her to remote parts of the World. She is now the Deputy Head of the School as well as a senior lecturer. Amy Gosney spoke to Andrea about her time at Leeds.

How long have you been at Leeds?

15 years on January 2nd, a long time!

What is your current research on?

I have two main research areas. I'm an atmospheric scientist, which has most recently involved recreating polar conditions in an environmental chamber to grow frost flowers, ice crystals implicated in polar ozone depletion events. I'm also interested in how students learn and how we can build academic communities.



What is the best place you have ever done research?

I've been lucky enough to travel to lots of places for my research. The most memorable for me are Cape Grim Baseline Air Pollution Station in Tasmania, and at the "Top of Europe" high altitude research station on the Jungfrauoch in Switzerland.

Did you always want to be a lecturer?

When I was little I always wanted to be a vet but that changed when I watched James Herriot and also discovered I was really allergic to animals!! I think I was always destined to teach and my mum often recounts the story of my coming home from primary school and making my friends sit in a circle with me acting as teacher – as if they hadn't had enough for the day!



What makes you angry?

People being late!

Describe yourself in 3 words.

My husband would describe me as expensive! But I'd say happy, generous and hardworking.

What is the most challenging part of your job?

In my role as Deputy Head of such a large school, communication is sometimes challenging. Trying to keep everyone as happy as possible is not easy and juggling various roles such as lecturing, research, and deputy head duties is sometimes tricky, especially when you want to give everything 100%.

Have you ever made an appearance on TV?

I've not been on the TV, but I have been to Buckingham Palace and met the Queen, and have delivered a presentation in the Houses of Parliament with Tony Blair present.

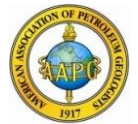
If you were given £1,000,000 how would you spend it?

I'd buy lots of shoes...! In my office, one of my filing cabinet drawers is just full of shoes!

If you could have any super power which would it be and why?

The ability to teleport. I spend 3 hours commuting a day so to not have to do that would be amazing!

Society News: What's been going on?



RocSoc have had a great time so far this year! We've had brilliant attendance at our weekly socials and we've been impressed with some of the new dance skills at Top Gun. The annual Whitby trip kicked off the year spectacularly! Our first "Give It a Go" session, the Chevin Geology Trail in Otley, had a small but enthusiastic turnout of students from outside the department. Talks have been well attended and we've also held a film night and members discount evening at the Cotswold Outdoor Store.

We're really excited about our forthcoming charity band night "Geology Rocks!" on Tuesday 22nd November raising money for Yorkshire Air Ambulance! The annual Christmas Party will be on December 6th and as always promises to be a good night. Meanwhile, plans for the International trip in February are under way. We'll be holding a meeting very soon for people interested in coming so keep checking your emails! Also, join our Facebook group for the latest updates.

SEG: There was a great turn out for the first SEG field trip of the year to Carrock Fell with first year students having a go at mapping for the first time. Our first talk of the year was from Jim Mortensen from UBC, Canada, on distinguishing Orogenic gold deposit styles. We also heard from Tim Wrighton on what he's been up to in Canada since graduating from Leeds; followed by a well-deserved trip to the Victoria for a few pints.

Up and coming events include the second field trip of the semester which is planned for the 4th of December to the Coldstones quarry in the Yorkshire Dales. We have spaces for 12 members to visit the limestone quarries and have a tour around the lead mine (further details to be announced). SEG are also pleased to announce that 18 Leeds students will be attending the Vancouver Roundup conference in January. This trip holds some exciting opportunities and a lot of inside knowledge, I'm sure we will all have a great time.

AAPG and PESGB :The newly established Petroleum-related student chapters have had a busy start to the year with membership levels of both societies booming. For anyone interested, AAPG is free to join and there is a small fee for PESGB but for that you get access to a monthly newsletter, discounted fieldtrips, travel bursaries and the PESGB mentoring scheme where an experienced professional will help guide you through the process of starting a career in the oil industry.

The first event of this year was a visit from Mike Bowman, former VP for Geoscience and Subsurface Technology at BP. The next event is a talk by Dr Mads Huuse from the University of Manchester on Monday 28th November at 4pm in the level 8 seminar rooms in the School of Earth and Environment.

More information about both chapters can be found on Facebook - or by contacting Jen Stuart (PESGB - eejs@leeds.ac.uk) or Kat Hunter (AAPG - k.m.hunter06@leeds.ac.uk).

EnviroSoc has recently started **its own volunteering project** - Digging Around - which involves food growing in unused gardens in Hyde Park. We have also just started **EnviroVol** - Every 2 weeks, EnviroSoc will visit a different environment-focused LUU society to take part in a **taster session**.

EnviroSoc members enjoyed a free trip to Tropical World earlier this month! We're currently planning a **weekend away to London** and a visit to the **Centre for Alternative Technology** in Wales. We have also started a **regular newsletter exclusively for members**. This will keep you informed of local environmental jobs, work experience and volunteering vacancies, local environmental campaigns and more.

EnviroSoc have **fortnightly Socials at Revolution**. We also have a Christmas meal & party planned, and the charity comedy night 'Laugh in the Face of Climate Change' will be back for a 3rd year. This year we'll be raising money for Conservation International. For more info visit the LUU webpage to buy membership, search 'EnviroSoc' on Facebook and follow us on Twitter @luuenvirosoc.



FIELDTRIP REPORTS: Blencathra and Navan (Ireland)

During reading week all first year BSc Environment students participate in a two day residential fieldtrip based at the Blencathra field centre in the Lake District, 3rd and 4th year students on the Ore Processes module get the option to go to Ireland for 2 days. MSc student Ranak Maher chatted to 1st year Joe Pierce and 4th year Michelle Shiers about their experiences.

What were your first thoughts? *Joe: I though it looked like a cool place, a homely field centre. I was looking forward to it and expecting good things!* *Michelle: An early start! Ireland has some great geology so well worth it.*

What did you think of the trip? *Joe: It was such a good course bonding session; everyone got a chance to get to know each other...this is definitely one of the more sociable courses!* *Michelle: An excellent trip for learning about the minerals industry – the chance to visit a working mine was brilliant – check out the high vis!*

What did you think of the accommodation? *Joe: I was in the separate block and the rooms were really small, there wasn't even a lock or a handle on my room, you just pushed the door! But the beds were the comfiest beds I've ever slept in....but that might be because we were so tired at the end of the night!* *Michelle: The B & B was really nice, the beds were comfortable, it was very cosy and served a great breakfast which was much needed for a day down the mine.*

What was good to know? *Joe: Take two towels! And take everything they tell you to take, especially waterproofs, you will get very wet and muddy!* *Michelle: You will be exhausted – functioning on very little sleep. Pack light – hand luggage only on the flight, so keep liquids to a minimum.*

If you had the option, would you do it again? *Joe: Definitely! I thought it was so much fun I've met loads of people and the food was really, really good.* *Michelle: Definitely! The lunch at the mine was well worth it and as one of only a few fieldtrips in the final year it was a good chance to spend time with course mates.*



JURGEN NEUBERG:

On Yachts, Curly Hair and the best White Wine on the World

Professor Jurgen Neuberg, known commonly to his students as Locko, has spent the last 20 years at Leeds. He first completed a degree in straight Physics in Germany, before spending time in Boulder, USA, and in Indonesia where he worked for a German Developing Aid Program and set up a Geophysics Master Course at an Indonesian University. Once at Leeds he had sabbaticals in New Zealand and Reunion Island. Matt Le Good spoke to Locko to find out more about his work and interests.



What is your current Research on?

My own research interests are in volcanology. I started off in volcano seismology and then discovered how multidisciplinary the subject is. From this I branched into deformation and magma flow modelling. Funded by several NERC and European grants I have worked on volcanoes in Italy, Indonesia, New Zealand and Montserrat.

Where is the best place you have ever done Research?

New Zealand. The partners to work with in New Zealand at GNS and Victoria University are great and the Sauvignon Blanc there is one of the best wines I have ever sampled!

Where does the nickname Locko come from?

The German words for curly hair are lockige haare. It's similar to a lock of hair in English hence the nickname Locko. It's not to be confused with the Spanish word loco!

What has been the highlight of your days in University?

There are several. The most prominent is probably 8 years ago when I was appointed to the Scientific Advisory Committee by the British Government for the Volcanic Eruption in Montserrat. I felt that my research was having a real impact.

Did you always want to be a lecturer?

I wouldn't say I always wanted to be a lecturer but I always wanted to be a Geophysicist. The system in Germany produces Geophysicists with a much more profound background in Physics and so I first studied straight Physics before going on to specialise in geophysical topics in my further degrees.

What is the most challenging part of your job?

Finding a balance between management tasks as the Director of IGT, doing research with PhD students and taking Undergraduate and MSc teaching seriously, all at the same time.

Have you ever made an appearance on TV?

Yes. I was on several programs such as the National Geographic Channel all about my research in Montserrat. I think the program may have also been shown on Channel 4. I have also been on German TV.

If you were given £1,000,000 how would you spend it?

I would buy a yacht – An Oyster 42.

What makes you angry?

It's more work related than in general but it makes me angry if people with a management role forget that they have to deal with people.

If you could have any super power which would it be and why?

I would solve the problem of earthquake and volcano prediction. I think I would leave the energy and oil crisis to somebody else.

Student Internships

Internships, where a student carries out either paid or unpaid work for a short period of time, are becoming increasingly popular and seen as a way of enhancing employability prospects. Each year a number of internships are offered within the School. Here, Ranak Maher talks to Adam Creaser, a 2nd year Geological Science student about his experiences and offers some advice for those interested in exploring internship opportunities.

What made you decide to do a research internship? I've always been interested in mining, so getting to look further into it and massively develop my knowledge seemed a good investment of my time; plus I got to go to Zambia!

What advice would you give to a student thinking of doing a research internship? It's a great thing to do. I've made lots of contacts through conferences and events, with both researchers and companies of which one might be offering me a graduate job. Even if you do not want to do a PhD, I've only had positive feedback from companies about me doing research, so in the long-run it's definitely going to help me.

What's good/bad about being an intern? The research itself can get a bit tedious, reading the same kind of article for a whole week, but once you've got all your research completed and pull it all together, it's quite rewarding to actually present it.

What's next? I'm doing bits of research whilst still studying. I'm still working on the natural resource governance and sustainability project, but I'm focusing all my research on the Arctic – predominantly Greenland.



Thinking of doing a research internship but not sure where to start?

- Have a think about what interests you...have a look at the new research webpages for more ideas.
- Any new opportunities will be posted on the Leeds for Life School Opportunities website...make sure to have a look! And don't forget to check the careers website, the School Facebook group and your emails for opportunities in and outside of the School.
- Approach staff regarding opportunities; interest will always be welcome.
- Be brave and send out speculative emails asking for work experience (you can ask staff for help with this too).
- Application forms may be lengthy and stressful but they're definitely worth the effort!

★ TEACHING STAR AWARDS ★

The teaching star awards are a competition designed to recognise lecturers who inspire and really encourage their students. The prizes for this are £1000 for the winner and £500 each for three runners up, which contributes towards their own staff development activities.

The awards are given as a result of student votes so give a real representation of those lecturers that really motivate students. The award isn't just given to the lecturer with the most nominations, but to the one who demonstrates the best range of attributes.

Last year, the winner was Jon Mound, lecturer in Geophysics and Director of Undergraduate Education. His main attributes noted by the students were enthusiasm, along with the additional information he provided to accompany his teaching. Matt Evans, Damian Howells, Jeff Peakall and Susie Sallu were also commended for their inspirational teaching.

TO VOTE: Log into the VLE, click on Organisations, then Earth and Environment. A link can then be found under the documents section. Voting is now open!

Get On Your Bike with SAG



The members of SAG have been busy fundraising for the next phase of their beehive project. The enclosure is now built and can be seen in the biodiversity garden between the North SEE building and the Edward Boyle Library - all that is needed now are the hives and their residents! Last week SAG's fundraiser was to run a bike powered cinema with the electricity generated entirely by guests cycling throughout the film. Matt Le Good went along and although exhausted by the end thought it was '*pretty impressive being able to generate enough electricity to view a film. The film Belleville Rendezvous was shown and was powered by only 6 bikes!*'

The bee hive project has been ongoing since last year and will hopefully be finalised by next year. SAG hope to produce honey and other products from the upkeep of bees to help support the upkeep and fund other SAG initiatives.



A Weekend with Sumo Wrestling, Beer Pong and a Treasure Hunt

By Ben Whittaker

On the 15th and 16th of October some lucky members of RocSoc embarked on the renowned fresher's trip to Whitby.

The weekend lived up to its legendary reputation of being a hilarious, intoxicating and downright memorable trip. Upon arrival at the hostel, bunks were quickly chosen before heading down to the beach for games and fossil hunting.

After beach activities the fun really began; with activities including sumo wrestling, beer pong and a very well ran, if not slightly corrupt, treasure hunt where teams had to bring items such as cans of beer, Disney videos and granite to the two committee members running it. The winners used very creative tactics to win the treasure hunt ending up with a total score of 135 out of 20.

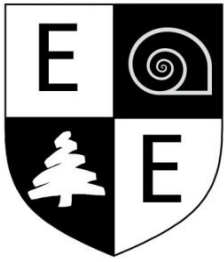
Tea time arrived and everyone assembled for pizza and chips which had been prepared laboriously by the loving committee. After tea was a quiz which was won by 'We love gravy' followed by a bin bag fashion show,

won by Olli Wheeler for his beautiful piece of bin liner clothing which left little to the imagination! After this, students were left to their own bidding, and the day came to an end.



Sunday morning marked an early start with hang-overs galore but the weather was kind so everyone found something to do in Whitby town whether they were in pubs, shops, on boats or eating fish and chips.

All in all a spectacular weekend was enjoyed by RocSoc members and the committee alike and the committee feel that next year's Whitby trip has a lot to live up to.



School of Earth and Environment Sports Club

*An update from
the Chairman, Ed Richardson*

This year has seen a successful re-launch of the sports club with 3 well represented teams training and playing on a regular basis against some well established teams. For the first time ever we are also having social events, now starting every Monday at 19:30 in Shooters Sports Bar on The Headrow. If we can get more than 25 people to each of these events every week, then we get £500 from our sponsor, which will be reinvested into the club for equipment and communal playing kit. We are currently looking into what kit our members want and soon we hope to have an order form ready to be sent out to members, however, kit can be purchased by anybody within the department. If you want to get involved in the sports club or if you have any comments or questions please feel free to e-mail us on chair@seesports.org.uk.



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Results

Date	Opposition	Result	Score
Netball			
05/10	LUUNC Dev B	Loss	14-15
12/10	CMLW	Win	3-0
19/10	LUUNC Dev A	Loss	12-16
26/10	LUUNC Dev B	Loss	10-18
09/11	LUUNC Dev A	Loss	6-19

Football

10/10	Cheers FC	Win	3-2
30/10	FoB Soc	Win	1-0
06/11	Spartax Oxley	Loss	2-8

Rugby

29/10	POLIS	Loss	0-75
20/11	Henry Price	Draw	26-26

Fixtures

Date	Opposition	Venue	Time
Netball			
16/11	LUUNC Dev B	Gryphon	12:30
23/11	CMLW	Gryphon	10:30
30/11	LUUNC Dev A	Gryphon	12:30
Football			
20/11	History FC	WW 3G	14:00
Rugby			
26/11	The Business	Weetwood	13:30
10/12	FoB Soc	Bodington	13:30

LOOK OUT IN 2012 FOR.....



Events in SEE to help celebrate the Olympic year in 2012

The cultural Olympiad is not just about sports but about celebrating community and diversity. With this in mind a series of events are being planned leading up to the start of the Olympic Games. If you would like to be involved, have ideas for events or are planning your own Olympic themed event please let us know at leep@leeds.ac.uk



Laugh in the Face of Climate Change

Back for a 3rd year the ever popular comedy night will be supporting Conservation International. Will Ed Richardson shave his eyebrows off again? We hope so!



North East, Earth and Environment Careers Fair

This regional event is again being hosted by the School of Earth and Environment and will take place in February. Look out for more details in the New Year.