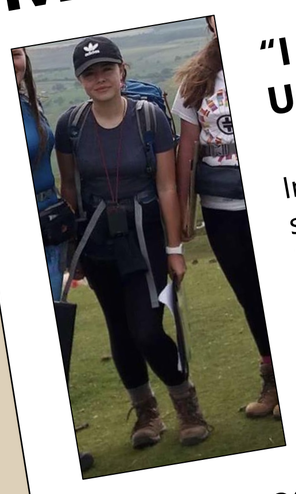
Graduate destinations – Study

MSc student

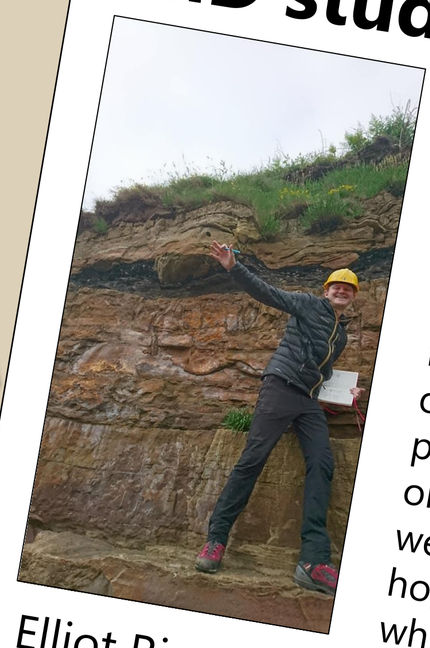
"I studying a Masters in Palaeobiology at The University of Bristol."



In particular, I study mammal palaeontology. My work involves studying extinct giant kangaroos and their biomechanics. I use 3D techniques and geometric morphometrics to help me infer the locomotion employed by giant extinct kangaroos. I chose this degree because it will get me closer to my goal of becoming a museum curator. I have also worked as a Scientific Outreach Volunteer at the World Museum (working with marine invertebrates) and as a Curatorial Volunteer in Manchester Museum, working with their fossil collection.

Billie Jones
Geology & Physical Geography (2018)

PhD student

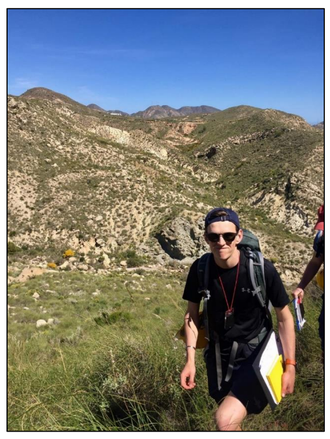


'I work within the rock deformation laboratory at the University of Liverpool, looking at the deformation of porous reservoir sandstones.'

I am particularly interested in the formation of compaction bands which are low permeability bands that reduce fluid flow in oil and gas and CO2 storage reservoirs, as well as within aquifers. Through my research I hope to determine the conditions under which they form.

Elliot Rice-Birchall
Geology BSc (2017), MSc Petroleum Geoscience (2018)

MSc student



"I am studying a Masters in Petroleum Geoscience at the University of Manchester"

It is very challenging and rewarding. The MSc combines theoretical teaching, technical application and exposure to industry standard software, that allows you to enter the energy industry with a wide variety of experience and knowledge.

Dominic Skinner
Geology BSc (Hons) (2018)

PhD student

"I am a PhD researcher at Keele University"

I am researching the impact of faulting and fault structures in sandstone reservoirs, combining fieldwork, lab work and experiments.

Karl Clark
Geology MESci (Hons) (2016)

PhD student

"I am currently carrying out a research project within the carbonate research group at Imperial College London."

My project focuses on understanding the burial and maturation history of the Eagle Ford Shale, Texas, using clumped isotope palaeothermometry and stratigraphic modelling. I am enjoying gaining experience within a lab and using a new application to assess the unconventional resource potential of the Eagle Ford Shale.

Sarah Robinson
Geology BSc (Hons) (2017);
MSc Petroleum Geoscience (at Imperial College London; 2018)

MSc student

"I am graduating as a Master student in Mining Engineering from the Camborne School of Mines (University of Exeter)"

My MSc includes both geotechnical and mining engineering which gives a very broad aspect over both areas. I enjoy the applied learning knowing that what I am currently studying will be very applicable to future work. Mine design is a favourite topic. I am about to start as a Graduate Mining Engineer at Barminco.

Mark Evans
Geology BSc (2018)

PhD student

I'm a PhD student at Harvard University working with Prof. Jerry Mitrovica. I use theoretical predictions and numerical modeling to explore the effect of mantle dynamics on topography, sea-level change and ice sheet growth. My research focuses on how these solid-Earth perturbations can dramatically alter the dynamics of regional and global climate systems. My work also includes travel to conferences to share my research, and teaching undergraduate geophysics and geology classes.

Sophie Coulson
Geophysics (2016)

PhD student

"I am a NERC funded PhD student at the University of Bristol studying mineral physics in the best-research lab in the UK."

My research is focused on the influence of water in nominally anhydrous mantle minerals in order to understand the Earth's deep water cycle. I use high-pressure experiments to recreate mantle pressure/temperature conditions to synthesize mantle minerals. In addition, I use high-performance computing to perform molecular dynamic calculations to model the thermodynamic behaviour of hydrous mantle minerals. The one great aspect of this PhD is making use of new innovations made in chemistry/physics and applying it to solve earth science related problems!

Chris Gregson
Geology MESci (2017)