

Ruth Lawrence

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EDUCATION

2014 – 2017 University of Sheffield – BSc (Hons) Geography (1st class)

Modules included: New Zealand Field class; Developmental & Global Change; Glacial Environments; Landscape Development & Tectonic Processes; Geographical Information Systems and Remote Sensing; Atmospheres and Oceans; Statistical Analysis for Geography and Environmental Science.

Research Project: How fjord dynamics influence ocean heat transfer in Greenland.

2007 – 2013 Truro High School

A Levels – Geography A*, Biology A, Chemistry B

GCSEs – 10 GCSEs at grades A and A*

RESEARCH EXPERIENCE

2017 Final Year Dissertation

Through completion of this project I have gained experience of using ArcMap, a spatial analysis tool, to measure the change in glacial terminuses and to link this to ocean temperatures using Met Office EN4 dataset.

Sept 2016 Environment Agency (Work Experience) – Environmental Monitoring Assistant

Involved in the collection, filtration and labelling of water samples, noting in-situ readings of parameters such as temperature, PH, salinity, conductivity and dissolved oxygen and the transfer of the field information onto the appropriate paperwork. Located new sites using grid references using GIS software.

July 2016 Sheffield Undergraduate Research Experience (SURE)

Undertook a 6 week research project under the supervision of Dr William Rosling, 'An Unmanned Aerial Vehicle (UAV) and in-situ water quality study of the influence of overdeepenings on glacier hydrology and basal glacial sediment transport and evacuation: Zermatt, Switzerland.'

OTHER EXPERIENCE

July 2017 Leonard Cheshire Residential Home - Support Worker

Onwards Provide basic support to disabled adults of all ages, in order to enable them to retain dignity and independence in their everyday lives.

Oct 2015 – Royal Geographical Society Ambassador

July 2017 Promoted the subject of Geography

July – Sept 2015 National Trust Café, Boscastle – General Assistant

Prepared and served drinks, light snacks and cakes to customers.

- April – June 2014** **Patawalonga Creek Restoration Project, Adelaide, South Australia – Volunteer**
Involved in the restoration of the creek through seed collection, native vegetation planting, weed control and surveys. Checked tree-guards and removed them where no longer required.
- July 2013 - Mar 2014** **Cornwall County Council, Truro – Administrative Assistant (Temporary)**
Provided administrative support in the Education Department.

SKILLS

Project Management

Through the completion of a final year dissertation I developed my ability to work autonomously with minimal supervision, as well as to plan and schedule my fieldwork and subsequent data analysis and writing up.

Communication

During my time at university I have been required to participate in seminars and group tutorials, so have gained confidence in articulating my views. In addition I was a 3rd year representative on the departmental Staff-Student Committee, where my role was to voice any concerns raised by fellow students and to canvas their opinions on proposed changes. Furthermore I wrote a comprehensive 10,000 word report outlining and interpreting the findings of my dissertation.

Technical

An integral part of my undergraduate study was completion of both practical lab classes and fieldwork, through which I gained familiarity with a variety of data collection and sampling techniques. Undertook the statistical analysis of environmental data through both my dissertation and SURE project.

IT

Experienced in the use of all Microsoft Office applications, the internet, ArcGIS, SSPS and ERDAS through my undergraduate degree programme.

Flexibility

In my current role as a Support Worker at the Leonard Cheshire Home, it is crucial that I am able to follow the necessary daily routines as required, whilst having the flexibility and understanding to respond to the needs of individual residents.

ACTIVITIES

At university I acted as a Royal Geographical Society Ambassador, promoting the subject of Geography in local schools and colleges, through building rapport with students, exploring geographical ideas and describing the benefits of studying Geography at GCSE, A Level and as a degree. Foreign travel has always been a passion of mine and I have been fortunate enough to travel independently in India, Thailand, Indonesia and Australia, as well as to many European countries.

REFEREES

Dr William Davies
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(Dissertation Supervisor)

Dr William Rosling
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University of Sheffield
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(SURE Project Supervisor)