

BHS and JBA Trust Studentship Awards 2015

The British Hydrological Society and the JBA Trust are delighted to announce that eight MSc students have received a Studentship Award to support their MSc studies in hydrology or catchment management related courses in 2015.

Now in its fifth year, the Studentship Award aims to encourage talented students wishing to pursue development of their academic experience and qualifications. Graduates of MSc courses play a vital part in the future management of the water environment.



Chris Allman, MSc Hydrogeology, University of Birmingham

“Completing my undergraduate degree in Environmental Geoscience at the University of St Andrews highlighted the importance of groundwater as a resource which should be sustainably managed to ensure security in clean drinking water for future generations. This inspired me to undertake an MSc in Hydrogeology at the University of Birmingham, and pursue a career in groundwater modelling regarding geological disposal of radioactive waste.

Radioactive waste disposal is a relatively new area of science in which its affects, especially regarding groundwater contamination, need to be addressed to ensure the safety of our groundwater for years to come.”



Isabelle Farley, MSc Hydrology and Climate Change, Newcastle University

“During my undergraduate degree in Geography I developed an interest in hydrology as part of my research into changing discharge patterns from glacierised catchments during the last fifty years. It became clear to me that it is essential to examine downstream hydrological processes and impacts. We need to manage water supplies equitably and build resilience to extremes of drought and flooding due to changing precipitation patterns.

Through my MSc, I will build a strong understanding of hydrological management in the current and future climates. I am very honoured to receive the studentship award from the JBA Trust and the British Hydrological Society.”



Tom Stanton, MRes Geography, University of Nottingham

“In undertaking this MRes I hope to answer some of the questions that arose during my undergraduate studies. My research will focus on the domestic emission of microplastic particles into rivers, specifically synthetic fibres and beads used in cosmetic products, centring on the Trent basin.

I hope that my research will make a contribution, however small, to the wider scientific community, and that my MRes will better prepare me for PhD study.”



Emma Bullen, MSc Hydroinformatics, Newcastle University

“I have always enjoyed hydrology, following on from my undergraduate degree in physical geography at Exeter University and I have since worked as a hydrometric assistant and I am currently a hydrologist.

I am excited to study my MSc in Hydroinformatics at Newcastle to further my knowledge and help with my career progression. This studentship will support me through this course whilst I continue my full time job as a hydrologist.”

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Shannon Gilbert, MSc River Environments and their Management, University of Birmingham

"Global threats to river environments such as climate change, agricultural expansion and a growing population jeopardise the ecological, social, cultural and economic services and functions that rivers provide. I'm committed to pursuing research into hydrology and catchment science to assist in the development of sustainable management practices for river environments.

My MSc will develop my knowledge in the field of catchment hydrology and management and will hopefully lead to opportunities for research at PhD level, enabling me to contribute to the academic community through the development and promotion of innovative approaches to sustainable catchment management."



Emma Watts, MSc Hydrogeology, University of Birmingham

"Having enjoyed studying hydrogeology during my undergraduate degree, I have chosen to further develop my knowledge of this subject by undertaking an MSc at the University of Birmingham. My particular interests lie in the pollution and remediation of water resources, especially concerning waste disposal, and I am excited to learn more about this over the coming year.

I believe pursuing this MSc will allow me to obtain a successful hydrogeological career and I am grateful to both the British Hydrological Society and JBA Trust for honouring me with this studentship award."



Elliott Swallow, MSc Sustainable Water Management, Lancaster University

"I chose to study Sustainable Water Management because, following my voluntary internship at Welsh Water, I am keen to find out more about the processes and possible energy efficiency saving techniques in both the clean and waste water industries.

This has fuelled my passion for investigating the possibility of reducing capital costs on the pumping processes across all sites and the viability of introducing new technologies alongside ageing operations."



Laura Sutton, MRes River Science, University of Worcester

"I have chosen to do an MRes in River Science to develop research on 2D river habitat modelling, using Unmanned Aerial Systems to aid field data collection.

I have a keen interest in River Science which has developed greatly during my time as an undergraduate student, and this course will allow me to enhance my research skills and broaden my knowledge. I am extremely grateful for the funding provided from the BHS and the JBA Trust."

