

SAMUEL EGGINGTON

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Personal Statement

I have recently completed a four year undergraduate Masters of Marine Biology degree at Bangor University in May 2013. I have a keen interest in aquaculture, and chose to base my final year research project on crustacean aquaculture feeds. I ultimately aim to develop a career in either the aquaculture or the aquarium trade and I am highly motivated towards achieving this goal.

Education

2009 – 2013

Bangor University

Masters of Marine Biology: First Class

Research Project

Final year research project investigating potential feed ingredients of crustacean aquaculture.

Skills Developed

- Design and installation of culture systems.
- Daily control and maintenance of air and water flows
- Culture of adult, juvenile and larvae crustaceans including culture of prey animals.
- Daily upkeep and cleaning of animal tanks
- Scientific writing and reviewing literature
- Verbal communication skills through oral and poster presentations.
- Advanced laboratory techniques including diet formulation, accurate length and weight measurement and microscope use, as well as the use of a bomb calorimeter.

2007 – 2009

King George V College

A Levels- Geography B, Biology C, Chemistry D
AS Levels- Mathematics D

2002-2007

Meols Cop High School

GCSE's- 11 including Double Award Science BB,
Mathematics A, English Literature & Language BB, ICT C

Work Experience

July 2012-September 2012

During the summer of 2012 I assisted in a number of research projects within the Ocean Science department at Bangor University. Firstly I helped remove, identify and preserve organisms from benthic samples. From this I improved my taxonomic identification skills, as well as gained new skills in benthic sorting, whilst improving upon my ability to efficiently and delicately use microscopes. I was also involved in a one day field collection of sediment samples from a number of beaches around Wales. This improved my accuracy and efficiency in field work and practical skills. Finally, prior to the start of my fourth year I was given the opportunity to manage the maintenance of the aquaculture system of crustaceans. This aided me to fully understand upkeep and aquaculture technique's and also cemented my advanced laboratory skills.

Previous Employment

2006-2007

Website maintenance for Natterjack

Running

2007-2009

General Restaurant Assistant at Dobbies

(Seasonal employment 2009-2011)

Garden Centre

Additional Skills

Computer

Experienced in the use of Microsoft Office software including Word, Excel, Publisher and PowerPoint
Experience in statistical analysis using both SPSS and Minitab software
One day basic training course in ArcGIS
Experience in the use of graphical software SigmaPlot
Experience using Adobe Photoshop and Image J software

Research

Experience in data collection and analysis
Experience in the formulation of aquaculture diets for crustaceans
Collation and assessment of scientific literature

Other

Full Clean Drivers licence

Qualified PADI open water diver

Interests and Activities

I was an active member of the Bangor University Sea Angling Society and volunteered with Student Volunteering Bangor (SVB) on the Greener Gwynedd project that helps conserve and maintain nature reserves and areas of environmental importance in the local community. I am also interested in continuing my diving to a higher qualification.

References

Dr Lewis LeVay
Project Supervisor
Bangor University
Nuffield Fish Laboratories
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Dr Stuart Jenkins
Work Experience Supervisor
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