

# **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  
Askew Street, Isle of Anglesey  
LL59 5AB  
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Dr Stuart Jenkins  
Work Experience Supervisor  
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