

# Catherine Finlayson BSc. (Hons)

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## Qualifications

### **BSc (Hons) Biology with Industrial Experience | University of Manchester | 2012-16**

- First Class: Final Year Project- 80%; Industrial Placement Report- 82%; Final year average- 74%.
- I studied various ecological models, and on two field courses I conducted group and individual research in challenging environments with limited time and resources.
- I worked with students using GIS software, ecological modelling and genetic speciation while completing my Final Year Project
- I developed a clear and engaging writing style while producing project reports.
- I spent my Industrial Placement year conducting research at Chiang Mai University, Thailand.

### **A and AS- levels | Peter Symonds College, Winchester | 2009-11**

- **A-levels:** Biology- A\*, Spanish- B, English Literature- B
- **AS-levels:** Biology- A, Chemistry- A, Geography- B (2008-09), English Literature- A, Spanish- B, Classical Civilisations- A

### **GCSEs | Kings' School, Winchester | 2004-09**

- 9 A\*s and 2 As, including Maths and English

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## Publications

Finlayson, C., Saingamsook, J. and Somboon, P. 2015. A simple and affordable membrane-feeding method for *Aedes aegypti* and *Anopheles minimus* (Diptera: Culicidae). *Acta Tropica* 152:245-51.

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## Work Experience

### **Senior Clinical Trials Data Manager | The Christie NHS Trust | 08/2017- present**

- Contributing to setting up studies such as advising protocol development, building databases, and programming electronic data checks.
- Training, mentoring, and supervising Clinical Trials Data Managers.

### **Clinical Trials Data Manager | The Christie NHS Trust | 09/2016- 07/2017**

- Responsible for coordinating the collection and processing of data from four trials with up to 500 participants on each.
- Inputting, validating and quality control of data, alongside communicating with the study team to manage timely processing of data to meet trial deadlines and rigorous data quality standards.

### **Volunteer | Lancashire Wildlife Trust | 10/2016- present**

- Working in a conversation team to restore a degraded lowland peat bog and monitor the wildlife on the site. Developing skills in practical land management and hydrological monitoring, as well as leading groups of volunteers to survey brown hares.
- Assisting with fundraising events and Wild Parties to increase community engagement.

### **Assistant Bat Surveyor | Keystone Environmental | 08/2016**

- Assisting an ecology team with phase II dusk and dawn bat surveys using a hand-held bat-detector in areas proposed for development.

### **Freelance Scientific Editor | Cactus Global | 07/2016-present**

- Editing manuscripts for grammar, spelling, coherence, and formatting to journal guidelines.

### **Plant Surveyor | University of Manchester | 06/2016**

- Conducting a survey of the green roof on the National Graphene Institute, identifying all plant species present and calculating their relative abundance.
- Producing a concise report on the condition of the roof, species abundance and insect activity. This will help to plan management and evidence the success of the project.

### **Volunteer at the Manchester Museum Climate Control exhibition | Manchester Museum | 06/2016**

- Conversing with visitors about how climate change affects extinction rates.
- Focusing on how activities which aid species dispersal and maintain genetic diversity have the potential to mitigate extinction from climate change.
- Tailoring the discussion to different age groups and backgrounds.

### **Research Assistant | Department of Parasitology, Chiang Mai University, Thailand | 09/2014-06/15**

- The project I managed developed a device to artificially feed laboratory mosquitoes blood. This saved the department up to £2000 and adjusted practices to changes in legislation.
- Careful experimental organisation, communication with staff from other departments, and problem solving were central to the success of this project.
- Writing and publishing an article on the developed feeding device was a satisfying conclusion to my hard work, and for the department.

### **Professional Squash Player and Squash Coach | Self- employed | 08/2011- 08/2012**

- Before University I competed on the professional squash circuit, travelling to mainland Europe, Malaysia and Australia for tournaments, and reaching #118 in the world.
- Training and travelling alone required substantial dedication and self-motivation.
- To fund competing I coached squash to players of a variety of abilities and ages.

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## **Positions of responsibility**

### **Hampshire Senior Women's Squash Co-Captain | 2017-2018 and 2009-10**

- Leading this team involves publicising and organising a regional tournament, contacting players, liaising with other counties, ensuring all players are fit, and guiding players during matches.

### **Women's Captain 2015-2016 & Social Secretary 2013-2014, University of Manchester Squash Club**

- My organisation and time management skills helped me complete these roles alongside my degree.
- I also played at #1 on the Women's 1<sup>st</sup> team which competed in the university Premier League.

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## **Additional Skills**

- R statistical software
- Laboratory and field work skills
- Intermediate Spanish and beginner Thai language ability
- Full UK driver's licence

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## **Interests**

- Other than playing squash I enjoy being outdoors, cycling daily and often going for walks.
- Travelling has also become one of my main interests and stimulates my love for different cuisines and cultures.
- I am currently studying the MOOC '*Disasters and Ecosystems: Resilience in a Changing Climate*', provided by ADPC.