Resume sample – Sci Researcher

Elisabeth Smythe

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Education

2012 – present

Monash University

Doctor of Philosophy (PhD)

Department of Zoology

Thesis title:

- Investigating trust behaviours in British short hair kittens
- Supervisor: Dr. Brenda Cat

Projects / Experiments:

- Investigating the relevance of previous experience of abandonment in predicting the expression of trust behaviours in British short hair kittens from the Pet Haven animal shelter
- Testing blood samples from animal subjects to determine serum levels of glucocorticoids, catecholamines, growth hormone and prolactin to indicate stress responses

2007 – 2010

University of Melbourne

Bachelor of Science (Honours)

Major in Molecular Biology

- First Class Honours (H1) received for final thesis
- High Distinction average for undergraduate units, GPA 3.8/4.0

Research Techniques

- Gel electrophoresis
- PCR amplification
- Use of calcium indicators, Green Fluorescent Protein (GFP) and other nucleic acid and protein methods
- Solid Phase Extraction processes including Mass Spectroscopy

IT Skills

- Extensive knowledge of all Microsoft Office programs
- Completed advanced courses in Excel, Powerpoint and Word
- Experienced in the use of advanced Internet search engines
- Ability to produce systematic reviews using databases such as PubMed, NCBI and RCSB
- Proficient in a range of Chemistry software packages including the ISIS suite, ChemDraw and various NMR packages

Employment – Teaching and Research

2011 – present

Monash University

Postgraduate Teaching Associate

- Supervision of up to 20 undergraduates in practical laboratory classes
- Support of honours students with their dissertation research projects
- Class tuition and marking for introductory science communication course

2010 – 2011

Commonwealth Scientific and Industrial Research Organisation (CSIRO)

Research Assistant

- Data entry for the Feline Immunodeficiency Virus study
- Liaising with industry partners
- Production of weekly newsletter for sponsors and researchers

Summer 2009 – 2010

Australian National University

Summer Research Program

Supervisor: Dr. Melinda Feline

- Supervised research on the impact of feral cats on local wildlife
- Contributed to weekly research team meetings
- Presented at a formal research symposium

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Employment – General

2002 – 2009

First Choice Hotel, Melbourne

Food and Beverage Supervisor

- Promoted to the wine and bar section
- Silver service waiter in the conference and banqueting team
- Stock control, producing staff rotas and balancing the tills

Achievements

- Australian Society for Zoology Award 2010
- Secretary, Zoology Department Student Society 2008 – 2010

Publications

- E. Smythe and M. Feline "The impact of feral cats on native flora and fauna in the Australian Capital Territory" *Journal of Wildlife and Social Spaces* 42, no. 3 (2014): 11-21.
- E. Smythe and P. Davis "Feline Immunodeficiency Virus: A Literature Review" *Feline* 5, no. 2 (2014): 14-26.
- B. Cat and E. Smythe "Trust Behaviours in British Short Hair Cats" *Pet Life* 6, no. 2 (2013): 34-67.
- C. Meow and E. Smythe, 2013, "Age versus stage: cat behaviours over a ten year span", vol 13, issue 9, *International Journal of Cat Psychology*, United Kingdom, pp. 399-507.

Conference Proceedings

- E. Meow, M. Feline and E. Smythe, 2014, The impact of feral cats on native flora and fauna in the Australian Capital Territory, *Proceedings of the 99th annual PATS conference*, 1 December 2014 to 3 December 2014, Pedigrees and Tabby Association of Sweden, Stockholm. Sweden, p. 11.
- Presented poster at the University of Tooloomba's Annual Zoology Conference, Perth Australia, 2014

Interests

- Balwyn 2nd Division Basketball Captain 2002 – present
- Monash University Soccer Team 2012 – present

Referees

- Available on request

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