



PROJECT REVIEW

NAME:	Thomas Eley	Full Time	Year 1
INSTITUTE:	Royal Veterinary College		
TITLE:	Resident in Production Animal Pathology with Porcine Specialisation		

AIMS & OBJECTIVES:

To develop expertise in anatomic pathology (post mortem and surgical biopsy work) with special focus on production animal and especially porcine pathology, in order to gain specialist qualifications. To undertake a research project to develop research expertise in an aspect of porcine pathology.

KEY MILESTONES:

	TARGET DATE:	ACHIEVED DATE:
Competence in post mortem examination	January 15	
Competence in microscopic examination of biopsy and post mortem sections	January 16	
Complete research project	May 17	
Complete Masters in Veterinary Medicine	July 17	
Sit examinations of American College of Veterinary Pathology	September 17	
Sit examinations of the Royal College of Pathologists	September 15	

PROJECT REVIEW AND COMMENTARY:

In the year to date, I have developed my skills in pathology by undertaking over 80 post mortem examinations in multiple species. For each of these cases, I have examined a range of tissues microscopically under the direct supervision of a senior pathologist. Combined with regularly spending weeks on duty for the surgical biopsy service at the RVC, I am developing competence at microscopic examination and description of tissue sections.

I have successfully passed 5 of the 11 assessment modules for the Masters in Veterinary Medicine and will sit examinations for another 3 modules in the next 6 months.

I have attended 3 two day training courses on porcine specific pathology at the APHA and attended a meeting of the APHA Pig Expert Group as an observer. I have attended the ESPHM/ECPHM symposium in Sorrento, the Pig Veterinary Society Autumn meeting, where I made a presentation at the clinical club and the Pig Veterinary Society Notifiable and Exotic Disease Workshop.

I am in the early stages of a research project working with Professor Dirk Werling's group at the RVC investigating the pathogenesis of Porcine Circovirus 2.

After discussion with my supervisors, I plan to sit the first part of the examinations for the Fellowship of the Royal College of Pathologists in September 2015. I plan to sit the first part of the examinations for the American College of Veterinary Pathology in March 2016.

POTENTIAL BENEFIT TO INDUSTRY:

Pathology is a key skill required for effective disease monitoring in the pig industry both on farm and in the abattoir. Effective monitoring and surveillance is essential for the early detection of disease as well as measuring the health and welfare of animals along the production chain. There is currently a shortage of porcine specialist veterinary pathologists in the UK. Training pathologists to a contemporary specialist standard is vital for the contribution they can make to disease monitoring and surveillance throughout the pig industry

SUPERVISOR(S): Dr Henny Martineau & Professor Ken Smith	FUNDERS: BPEX and Boehringer Ingelheim	DATED: 28/10/14
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