

Jim Bee Teaching Prize, 2006.
Final Report

Revamp structure and delivery of Reproduction Practicals during the Urogenital system I module 2007-2008

This project was designed to address the issue of teaching of anatomy of the reproductive system during the urogenital module. The principal issue that needed to be addressed was ***how scarce resources could be utilised to maximise the student learning experience?***

To this end one of the actions proposed was that of splitting the class into 1/3rds rather than half classes. This was trialled in the session 2007-2008 and deemed to be a success both by the students and teachers. However, the advent of the new curriculum has meant that currently half- classes are being taught during the practical sessions. It is important to note that there has been a decline in student numbers which has meant that only ~85 students are being asked to dissect at any one time.

We also proposed that high quality videos incorporating material from the 3 dissection classes would be generated to be available for students to view before, during and after the relevant dissection class. We had proposed that the videos would be of dissections of the dog cadaver. However, after much discussion it was decided that the students would benefit more from material that included the reproductive system of other domestic species. As such, videos dealing with material that was the particular focus of each of class i.e. (i) male - dog (ii) non-pregnant female – bitch, cow, ewe, pony, sow and (iii) pregnant female – ewe were prepared for the 2007-2008 session. These are now available on Blackboard as a resource for both teachers and students of the Urogenital strand and can be viewed at:

https://www.ble.ac.uk/webapps/portal/frameset.jsp?tab_id= 2_1&url=%2fwebapps%2fblackboard%2fexecute%2flauncher%3ftype%3dCourse%26id%3d_3839_1%26url%3d

Another aspect of the proposal was to produce digital electronic images of the relevant preserved specimens with commentary where appropriate. This too has been done and is routinely used by large numbers of students and can be viewed along with the videos at the above address on Blackboard.

We had anticipated that we would also as part of this project incorporate digital images of histological sections of the relevant tissues (e.g. ovary, testis etc) into the potscasts of gross anatomical section of the same tissues. This we hoped to do in order to aid the ability of students to integrate gross anatomy with the histology that they generally learn in isolation. We have **not done** this to date. Hopefully, in the future time and resources permitting, we will return to complete this aspect of the proposal.

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