

ANU Seminar

EVOLUTION, ECOLOGY, & GENETICS

RESEARCH SCHOOL OF BIOLOGY

Thursday, 8 September 2011, 1pm



Fertility Control for invasive pest mammals - are we making progress?

Dr Lyn Hinds

CSIRO Ecosystem Sciences, Canberra, Australia

The management of wildlife pest populations, whether introduced or indigenous, is of ongoing concern around the world. Generally, lethal control methods are widely used but require regular re-application and may or may not be species specific.

Fertility control approaches were first proposed more than 3 decades ago and have gained wide public acceptance as potential alternatives to lethal control methods in some circumstances. Approaches to fertility control include the use of immunocontraceptive vaccines, steroid hormone implants, hormone agonists, and chemicals which disrupt key reproductive processes, particularly in females. Some approaches are permanent, others are reversible and not all are species specific. While several fertility control agents have proven effective when delivered to individual animals, the greatest ongoing challenge has been to develop cost effective systems for their delivery at a population scale. This seminar will review recent progress in the development of fertility control agents and their systems of delivery. Achieving species specific, broad scale delivery of fertility control agents is still some years away.....

For further info please contact:
Dr Paul Waters, 02 6125 8367, paul.waters@anu.edu.au



**Seminars are held in the Gould Wing Seminar Room, Building 116 Daley Rd, ANU
ALL STAFF AND STUDENTS ARE WELCOME TO ATTEND**