

ANU Seminar

EVOLUTION, ECOLOGY, & GENETICS RESEARCH SCHOOL OF BIOLOGY

Thursday, 20 October 2011, 1pm



Genetics of lizard fitness: ecology and evolution of inbreeding, telomeres, MHC and Hox genes



Prof. Mats Olsson
Professor in Evolutionary Ecology
School of Biological Sciences
University of Sydney

Mats with colleagues have studied the evolutionary biology of sand lizards for over 20 years in a marked population on the Swedish west coast. Their interest has primarily been sexual selection and life history biology but with a strong emphasis on trying to link variation in, for example, probability of paternity, life span, risk of offspring malformations and life time relative fitness to corresponding genetic variation in certain parts of the genome. Mats will briefly review the work they have done on inbreeding biology, MHC, telomeres and Hox gene variation from this perspective.

For further info please contact:
Dr Janine Deakin, 02 6125 4902, Janine.Deakin@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**