

**NCSU Summer Faculty Development Workshop**  
**Teaching and Assessing Clinical Reasoning in Small Groups**

Presented by: Prof. Stephen May; MA, VetMB, PhD, DVR, DEO, FRCVS, DipECVS, FHEA  
The Royal Veterinary College, University of London

**Monday, June 16 – North Theater**

8:30 - 9:00 AM: breakfast, welcome

9:00 - 9:45 AM: What is clinical reasoning? Methods of thinking, types 1 and 2, decision-making; development of clinical expertise

9:45 - 10:30 AM: Errors and bias in clinical reasoning. Biases and reasoning (both types affected but different biases); guarding against error; expert versus novice biases, "treatment framing" bias

10:30 - 10:45 AM: break

10:45 - 11:45 AM: Teaching clinical reasoning. Different methods used to teach clinical reasoning – strengths and weaknesses

11:45 AM - 1:15 PM: lunch

1:15 PM - 2:15 PM: Teaching clinical reasoning in the classroom. Forward reasoning through systems, in practice; classroom design and delivery; the vomiting dog

2:15 - 3:00 PM: Assessing clinical reasoning. Traditional assessments and newer methods, what is the evidence? No single good method.

3:00 - 3:15 PM: break

3:15 - 4:15 PM: Teaching in small groups: bringing structure to small group sessions; student and facilitator responsibilities, recognizing and dealing with dysfunctional groups.

**Tuesday, June 17 – North Theater**

8:30 - 9:00 AM: breakfast

9:00 - 10:00 AM: Patient-side teaching

10:00 AM - noon: open meetings with interested groups/hospital sections