Diving physiology of Chelonians
Dr Cassondra L. Williams
Univ of California Irvine, USA

Many turtles are accomplished breath hold divers, but we know little about their diving physiology, and most earlier studies involved varying degrees of disturbance. I will review the response to diving in marine and freshwater turtles, and share some recent results from a study using self-contained data loggers to measure heart rate and blood oxygen depletion in freshwater sliders and marine loggerheads. I will also discuss the development of a new instrument to measure blood lactate.

Monday June 2\textsuperscript{nd} at 10.15
coffee room at Zoophysiology, building 1131