

MURPA Seminar Series 2009

New Approaches to Data-Driven Publication in (Biomedical) Science (under auspices of **VeRSI** and **Monash eResearch Centre**)

Presenter: Associate Prof Ashley Buckle, Department of Biochemistry and Molecular Biology, Monash University

Time: Thursday 23rd July 2009, 10-11am

Venue: Rm 135/26 Monash University Clayton

Coffee from 9.30am

Brief Abstract

Publication of biomedical data has in general not kept pace with Web 2.0 internet technologies. Notable exceptions include the PLoS initiatives, but even these are based firmly on legacy scientific publishing models. In this talk I will describe some of our recent work aimed at creating new data-centric publication spaces, representing a radical departure from traditional journals. I will describe how we are doing this for one particular type of data in my own field of protein science, but will also explore how this could be possible for other data types in this and other, non-biomedical fields.

Brief Bio

Ashley Buckle was a researcher at Cambridge from 1990 to 2003, principally in the MRC Centre for Protein Engineering

Assoc Prof Buckle's research is split between structural studies of a variety of interesting biological systems (using protein crystallography), and bioinformatics. Major areas in Structural Biology have been: protease, transthyretin-like proteins (TLPs) and in Protein Databases and Tools: protein renaturation, protein folding database, crystallography lab information systems

Web Page: <http://www.med.monash.edu.au/biochem/staff/abuckle.html>