

**Department of Chemistry
College of Science**



Seminar

Thursday 28 July 2011

11.00 am - Room 531

Associate Professor Jonathan White

Erskine Visitor

The University of Melbourne, Australia

X-ray Crystallography in Mechanistic Organic Chemistry

Low temperature x-ray crystal structures of small molecules provides more information than simply atom identity and connectivity of the structure. In this presentation examples will be provided where x-ray crystallography provides information towards understanding chemical reactivity, and predicting possible reaction mechanisms of organic compounds by application of the Structure Correlation principle.