

**Prof. DAVID L. BISH**

*Professor and Haydn Murray Chair of Applied Clay Mineralogy*  
Indiana University, Department of Geological Sciences, USA

**Academic interests**

Structural properties of several groups of minerals including zeolites, clays, carbonates, etc.

Thermodynamic behaviour of water in minerals

Pioneering applications of XRD and Rietveld methods to geological materials

Nuclear waste disposal by mineral sorption

Responsible for mineralogical exploration of Mars, including X-ray diffraction instrument development.

**Awards and Honors**

Past President, Mineralogical Society of America

Past President and current Secretary-Treasurer, International Natural Zeolite Association

Associate Editor, *Clay Minerals*

UNESCO and IUCr International Year of Crystallography-2014 inaugural session plenary

Co-Investigator, CheMin instrument, Mars Science Laboratory mission

Jackson Award and Brindley Award of the Clay Minerals Society

George Brown Award, The Mineralogical Society of Great Britain

Fellow of the Mineralogical Society of America

Honorary Fellow of the Italian Society of Mineralogy and Petrology (SIMP)

