

Katharine Page

Nominee for Secretary of the NSSA

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Research

An understanding of many materials phenomena of interest today calls for *observation* of atomic-level structure, based on sophisticated scattering techniques. My research focuses on new insights into complex functional materials, both bulk and nano, through advances in structural characterization.

Education

2004–2008 PhD in Materials, University of California Santa Barbara (with Ram Seshadri and Anthony K. Cheetham FRS). PhD thesis titled, *Local Structure Investigation of Bulk and Nanophase Perovskites*.

2000–2004 B.S. in Chemical Engineering, University of Maine.

Employment

2014– present Diffraction Instrument Scientist, Chemical and Engineering Materials Division, Oak Ridge National Laboratory, Oak Ridge, TN.

2011– 2014 NPDF Instrument Scientist and Total Scattering Team Leader, Lujan Neutron Scattering Center, Los Alamos National Laboratory, Los Alamos, NM.

2009–2011 Director's Postdoctoral Fellow with Dr. Thomas Proffen, Los Alamos National Laboratory, Los Alamos, NM. *Investigation of phase change alloys for electronic memory applications*.

Awards and Honors

2008 Neutron Scattering Society of America Prize for Outstanding Student Research.

2006 National Science Foundation Graduate Research Fellowship. Three years of support for pursuit of PhD.

2006 American Crystallographic Association Margaret C. Etter Student Lecturer Award.

Professional Service

Local co-Chair 2014 American Crystallographic Association Meeting, Albuquerque, NM, May 2014.

Neutron Special Interest Group Chair, American Crystallographic Association, 2013.

ORNL Neutron Scattering Science Review Committee Member, Diffraction Category, Oakridge, TN, starting October 2011.

Lujan Neutron Scattering School Lectures and Tutorial Sessions, Lujan Neutron Scattering Center, Los Alamos, NM, January 2014, September 2012, July 2011, and August 2010.