

Lynda Soderholm

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Professional Experience

- **2003 - present** Adjunct Professor, Dept of Civil Engineering and Geological Sciences, University of Notre Dame
- **2001- present** Senior Chemist, Argonne National Laboratory, Argonne, IL
- **1995 - present** Director, Actinide Facility, Argonne National Laboratory
- **1993 - present** Group Leader, Chemistry Division
- **1989 - 2001** Chemist, Argonne National Laboratory
- **1985 - 1989** Assistant Chemist, Argonne National Laboratory
- **1985** Postdoctoral Appointee, Argonne National Laboratory
- **1982 - 1984** NATO Postdoctoral Fellow: Centre de Recherches Nucleares, Strasbourg, France

Education

- Ph.D., McMaster University, Hamilton, Ontario, Canada, 1982.
- BSc., McMaster University, 1977

Awards

- University of Chicago Board of Governors Distinguished Performance Award (2009).
- Co-winner of the US-DOE 1987 Materials Sciences Research Competition for "Outstanding Scientific Accomplishments in Solid State Physics".
- Mobay Corporation Speaker for 1988.

Expertise

Development and realization of research programs designed to further understand the influence of f elements on the physical properties of materials. Focus on a predictive understanding of actinide speciation in solutions and in solids, and its influence on physicochemical properties. Proficient in a wide variety of synchrotron techniques appropriate to the characterization of complex materials containing f elements.

Career Activities & Highlights

- ISI Most Cited Physicists: Ranked 401st (1981-1997)
- Conference Organizer – 22nd International Rare Earth Research Conference, (July 1999).

Publications & Patents

- Publications : 200+ in peer reviewed journals