

Christopher L. Marshall

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Professional Experience

- **1993-Present.** Senior scientist in the Heterogeneous Catalysis group at Argonne National Laboratory. Responsible for directing the research and development of new catalysts for the conversion of energy sources and environmental cleanup.
- **1980-1992.** Research Scientist in the Amoco Oil Company R&D Department, Catalysis Research Section.

Education

- Ph.D., Inorganic Chemistry, Michigan State University, 1980.
- M.S., Inorganic Chemistry, Michigan State University, 1977.
- B.A., Chemistry, State University of New York-Potsdam, 1975.

Career Activities & Highlights

- Inventor of Argonne's catalyst for hydrocarbon reduction of NO_x in exhaust streams. Catalyst has been licensed to Integrated Fuels Technology for use for diesel engine exhaust.
- Organizer and Chair of the 15th North American Catalysis Society meeting, 1997.
- Have given a large number of key note and invited talks at many international conferences dealing with heterogeneous catalyst systems and *in situ* characterization of catalysts using synchrotron X-ray analysis.
- Advisor to the Department of Energy Office of Basic Energy Sciences in the area of catalysis for hydrocarbon fuel processing.

Professional Society Affiliations

- American Chemical Society (officer in the Division of Petroleum Chemistry)
- North American Catalysis Society (executive committee)
- Catalysis Club of Chicago

Publications & Patents

- Publications: 67
- Publications *in press* (2009): 5
- Patents, Patent Applications, and Inventions: 7