

James F. Miller

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Professional Experience

Argonne National Laboratory (1976 – Present)

- **1999-Present.** Senior scientist and Director, Electrochemical Technology Program. Responsible for strategic planning and program development for Argonne's battery, fuel cell, and hydrogen research efforts.
- **2000-2005.** Associate Division Director, Chemical Technology Division. Responsible for direction of 80 technical staff members.
- **1999-2000.** Department Head, Battery, Fuel Cell, and Basic/Applied Science Department, Chemical Technology Division.
- **1991-1998.** Group Leader, Fuel Cells for Transportation, Chemical Engineering Division.
- **1982-1991.** Group Leader, Battery Development Projects, Chemical Engineering Division.
- **1978-1982.** Assistant Physicist, Chemical Engineering Division.
- **1976-1978.** Postdoctoral Appointee, Materials Science Division.

Education

- Ph.D., Physics, University of Illinois, Urbana-Champaign, 1976.
- M.S., Physics, University of Illinois, Urbana-Champaign, 1973.
- B.S., Physics, University of Missouri, Columbia, 1971.
- MBA, University of Chicago Graduate School of Business, 1999.

Awards

- DOE Fuel Cell Program Award (1998)
- Pacesetter Award, Argonne National Laboratory (1994)
- DOE Certificate of Appreciation (1987)

Career Activities & Highlights

- Organizer and Chair of ISOHIM-2, the 2nd International Symposium on Hydrogen in Matter (2005)
- Advisor to the U.S. National Research Council and the U.S. National Academy of Sciences on battery and fuel cell technologies.

- Have given a large number of keynote and invited talks at many international conferences dealing with batteries, fuel cells, and hydrogen technologies.
- Served on Review Committees for NASA's Exploration Technology Development Program and NASA's Low-Emission Advanced Propulsion Program.
- Member of DOE FreedomCAR Fuel Cell Technical Team, International Energy Agency (IEA) Advanced Fuel Cells for Transportation, and DOE Depleted Uranium R&D Uses Advisory Panel.

Publications & Patents

- Publications: 109