

Ira Bloom

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Professional Experience

- March 1999-present: Argonne National Laboratory, Argonne, IL: Manager, Electrochemical Analysis and Diagnostics Laboratory, Testing of advanced battery and fuel cell technologies, DOE contract deliverables, benchmarking of foreign battery technologies
- August 1984-March 1999: Argonne National Laboratory, Argonne, IL: Sodium-conducting glass electrolytes, composite materials for high-temperature batteries, superconducting ceramics, novel materials for solid-oxide fuel cells and molten carbonate fuel cells, fuel-reforming catalysis
- May 1983-August 1984: Postdoctoral appointee, Argonne National Laboratory, Argonne, IL: Homogeneous catalysis and organometallic chemistry

Education

- Ph.D., Inorganic Chemistry, University of Chicago, Chicago, IL, 1983
- B.S., Chemistry with honors, Brown University, Providence, RI, 1978

Awards

- IR100 Award (1987)
- Pacesetter Award, Argonne National Laboratory (1986)

Career Activities & Highlights

- Secretary of international work group for single fuel cell testing protocol
- Contributor to US Fuel Cell Council fuel cell test protocols
- Lead efforts to support battery development programs sponsored by the US Advanced Battery Consortium
- Lead efforts to benchmark foreign battery technology
- Lead efforts to evaluate fuel cell technology
- Co-author of battery test procedures manual
- Active member of battery test protocol working groups
- Active member of the Electrochemical Society

Publications & Patents

- Publications : more than 90
- Publications *in press* (2009): 1
- Patents, Patent Applications & Inventions: 8