

Gary L. Henriksen

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Professional Experience

1990-present: Argonne National Laboratory

- Manager of Battery Technology Department since May 1998
- Technical manager of three R&D projects for DOE's Fuel Cell Program
- Lead engineer for setup of the Independent Fuel Cell Test Laboratory
- Technical manager of two lithium-iron sulfide battery projects

1987-1990: Idaho National Engineering Laboratory

- Technical manager of battery R&D projects
- Leader of DOE's advanced electric-vehicle battery assessment

1977-1985: Energy Development Associates

- Zinc-chlorine batteries for stationary energy storage and electric vehicle applications

1974-1977: National Steel Corporation

- R&D to improve electrolytic recovery of primary magnesium metal from molten salt electrolyte

1968-1974: U.S. Naval Ordnance Laboratory

- Development of advanced primary batteries (zinc-oxygen, silver-iodine, lithium-chlorine)

Professional Society Activities

Electrochemical Society

Education

- MS, Physical and Inorganic Chemistry, Catholic University of America
- BS, Chemistry and Mathematics, University of Wisconsin-Whitewater

Awards

Pacesetter Awards 1993 and 1999

DOE Award for Outstanding Technical Support to Fuel Cells for Transportation 1998

R&D 100 Award 1993

Patents

"Comb-Type Bipolar Stack," U.S. Patent No. 4,518,664, May 21, 1985

"Electrolyte Circulation Subsystem," U.S. Patent No. 4,518,663, May 21, 1985

"Zinc Halogen Battery Electrolyte with Lead Additive," U.S. Patent No. 4,306,003, Dec. 15, 1981

"Non-Aqueous Silver Film Formation," U.S. Patent No. 3,830,650, August 20, 1974