

Gary L. Henriksen

Argonne National Laboratory
9700 South Cass Avenue, Bldg. 205
Argonne, IL 60439-4837
phone: 630/252-4591, fax: 630/252-4176
e-mail: henriksen@cmt.anl.gov

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 battery systems (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

- Argonne National Laboratory Pacesetter Award 1993, 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