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Education

- 1969 Ph. D. in Chemistry, University of New Hampshire
- 1965 M.S. Trinity College, Hartford, Conn.
- 1963 B.S. Trinity College, Hartford, Conn.

Teaching

- Chem 112 Aqueous Inorganic Chemistry
- Chem 311 Analytical Chemistry
- Chem 106 Nonlinear Dynamics (Chaos)
- Chem 296 Hazardous Materials

Selected Publications

- "An Expert-Database System for Sample Preparation by Microwave Dissolution. 1. Selection of Analytical Descriptors", J. Chem. Inf. Comput. Sci. 1989, **29**, 11-17.
- "The expert system: A tool for the analytical chemist", American Laboratory, October 1988, pp 64-79.
- "An information system for selecting methods of Chemical Analysis", American Laboratory, March 1987, pp 17.
- "Instrumentation and the Total Analytical Process", J. Chem. Ed., Feb 1985
- "Keeping up with the Instrument Explosion", Chem Tech, July 1982, pp 444
- "A Computer-based Compendium for Selected Instrumental Network", Trends in Analytical Chemistry, Vol 1, No. 11, July 1982, pp 242
- "Instrumentation, Information, and Education", American Laboratory, Dec. 1980, pp 6
- "Atomic Spectroscopy as a Tool in Artifact Analysis in Historic Site Archaeology", Va. Journal of Science, **29**, pp 81
- "The Analytical Problems of Pottery Analysis", Va. Journal of Science, **30**, pp 65
- "A Computer Information Network for Users of Chemical Instrumentation", J. Chem. Ed., Vol. **57**, No. 9, pp A255, Sept. 1980
- "Instrumentation Information Network Project", American Laboratory, May 1980, 95-97

Professional Organizations

American Chemical Society

Grants

NSF, Lech, Toxotx. (applied for)