

Resume

PETER B. LEDERMAN, Ph.D., P.E., P.P., DEE
pblederman@verizon.net

Experience

Dr. Lederman has over 50 years of broad and in-depth experience with emphasis for the past 30 years in all facets of environmental management, control and policy development. This includes hazardous substance management with extensive RCRA, CERCLA, audit, remediation at over 200 sites and pollution prevention experience. He was a technical director responsible for development of air pollution control devices and reuse of waste products, managed major programs in industrial waste treatment research and developments in oil and hazardous material spill control and remediation. This is complemented by his experience in the petrochemical, petroleum, polymer, chemical and food industries, where he did process development and design. In addition, he has over 18 years of experience as an educator at the university level as a professor and administrator, as well as serving on a number of academic advisory committees.

Dr. Lederman has served in corporate executive positions, and has been responsible for health and safety, process design, plant operations, construction, training and quality assurance. He taught process design to both undergraduate and graduate students for many years. He has extensive consulting experience over a wide range of areas, has expert witness, negotiating, mediation as well as organizational development and strategic management experience. He has participated as the lead environmental member on a number of Value Engineering Studies.

He has served as an expert witness and consultant on over fifteen matters involving various aspects of hazardous materials including several PCB contamination matters as well as practices in the 1950 and 1960s. He served on the expert panel of the CDC, which evaluated the Bloomington, Indiana PCB contaminated site for the CDC.

Lederman has worked in policy development and analysis in a number of positions he has held beginning in 1968 when he worked at the local level to develop a solid waste management policy. Since that time he has worked at the federal and state levels. He does policy analysis and helps shape policy from leadership positions in such widely diverse organizations as the National Association of Manufacturers, the Water Environment Federation and the American Institute of Chemical Engineers where he chaired the Government Relations Committee. He was responsible for the Otto York Center for Environmental Engineering and Science, which

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houses significant analytical and research laboratories working in hazardous material research and development. He initiated training in Hazard Incident, Response and Site workers for managers of EPA's Technical Assistance team contractor and actively participated in that training while leading the hazard material consulting activities at Weston. He was Chair of the National Academies - National Research Council Committee on Review and Evaluation of the Chemical Stockpile Disposal Program and continues to serve on related National Academies Committees. He was a Director of the American Institute of Chemical Engineers. He is currently a member of the Chemical Demilitarization Committee of the NRC and Chair of the Committee on Secondary Waste Disposal of the NRC. His most current activities included serving on the steering committee of the AICHE/CSCHE conference, "LNG: The Environmental and Safety Agenda" and producing a web site "Innovation through Chemical Engineering."

Positions Held

2000-present	Consultant, Principal, Peter Lederman & Associates
1993-2000	Executive Director, Center for Environmental Engineering and Sciences, Executive Director, Office of Intellectual Property and Research Professor of Chemical Engineering and Environmental Policy, New Jersey Institute of Technology, Newark, New Jersey. Retired June 2000
1980 - 1993	Vice President, Hazardous/Toxic Substance Management and Vice President/Division General Manager, Roy F. Weston, Inc., West Chester, PA and Edison, NJ
1978 - 1980	Vice President and General Manager, Cottrell Environmental Sciences, Research-Cottrell, Bound Brook, New Jersey
1976 - 1978	Manager, Technical Development, Research-Cottrell, Bound Brook, New Jersey
1975 - 1976	Director, Industrial and Extractive Process Division, U.S.EPA, Washington, D.C.

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1972 - 1975 Director, Industrial Waste Treatment Research
Laboratory, U.S. Environmental Protection Agency,
Edison, New Jersey

1966 - 1972 Associate Professor and Administrative Officer of
Chemical Engineering, Polytechnic Institute of
Brooklyn, Brooklyn, New York

1963 - 1966 Senior Process Engineer, Esso Research and
Engineering Company, Florham Park, New Jersey

1961 - 1963 Chemical Engineer, Esso Research Laboratories,
Baton Rouge, Louisiana

1955 - 1960 Instructor, Department of Chemical Engineering,
University of Michigan, Ann Arbor, Michigan

1953 - 1955 Instructor, U.S. Army Petroleum School

1956 Technologist, General Foods

1952 Jr. Technologist, Shell Oil

1965 - 1966 Lecturer, Columbia University

Registrations and Certifications

Professional Engineer - Michigan, New Jersey, Pennsylvania

Professional Planner - New Jersey

Diplomat in Environmental Engineering

Certified Hazardous Material Manager

Certified UST Professional (State of New Jersey)

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Education

B.S.E. (ChE) University of Michigan, 1953
M.S.E. (ChE) University of Michigan, 1957
Ph.D. (ChE) University of Michigan, 1961

Societies and Honors

Fellow, American Institute of Chemical Engineers (AIChE);
Diplomate, American Academy of Environmental Engineers (AAEE);
Member of ACS, Sigma Xi, Phi Lambda Upsilon, Phi Kappa Phi, Phi
Eta Sigma, Alpha Chi Sigma, Tau Beta Pi, Omega Chi Epsilon, AAAS,
ASME, ASEE, AWMA, WEF, and NY Acad. of Science.

National Associate of the National Academies (Nat'l. Academy of
Science, Nat'l. Academy of Engineering); Member of National
Academy of Sciences Committee on the Office of Recycled
Materials, National Bureau of Standards; Member, NAS Committee on
Decontamination and Decommissioning of Gaseous Diffusion Plants;
Chair, NAS Committee on the Disposal of the Chemical Weapons
Stockpile;

Consultant to EPA Science Advisory Board; Member, Board of
Academic Advisors, N.J. State Legislature; Chair, Science
Advisory Committee Great Lakes-Mid Atlantic Hazardous Substance
Research Center; Member External Advisory Board University of
Michigan Program on Manufacturing Engineering; President of
University of Michigan Engineering Alumni Society; Director,
University of Michigan Alumni Association; Member, University of
Michigan College of Engineering National Advisory Committee;
Member Dept. of Chemical Engineering External Advisory Committee.

Chair of AIChE Environmental Division; Chair, AIChE Professional
Development Committee; Chair, AIChE Government Relations
Committee; Chair, AIChE Societal Impacts Operating Council;
Chair, AIChE Superfund Task Force; Chair, AAES Environmental
Committee; Chair, NAM Solid & Hazardous Waste Task Force;
Trustee, American Academy of Environmental Engineers; Member,
Editorial Advisory Boards for Environmental Progress, Chemical
Engineering Progress, the Journal of Hazardous Materials, and
Associate Editor of the Journal of the Air & Waste Management
Association.

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Honors

U.S. Environmental Protection Agency Silver Medal for Superior Service (1976), Lawrence K. Cecil Award of the AIChE for Contributions to the Environment through Chemical Engineering (1987), Stanley E. Kappe Award, AAEE (1992), Gary Leach Award of the AIChE as Chair of the Superfund Task Force (1995), AIChE Environmental Division Service Award (1995), University of Michigan Engineering Alumni Society Chemical Engineering Award of Merit (1996), National Associate of the National Academies, AIChE F.J. & Dorothy Van Antwerpen Award for Service.

Listed in: American Men and Women of Science; Who's Who in America, Who's Who in Engineering, Who's Who in the World, Who's Who in Finance, Who's Who in New Jersey.

Publications One hundred publications in all facets of environmental management and policy and various areas of process engineering.

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