

Michael D. Leshner, P.E.

47 N. Lockwood Rd.
PO Box 949
Elkton MD 21921

Technical Expertise

Automotive Engineering	Medical Product Design
Forensic Engineering	Mechanical Products
Consumer Products	Electrical Products
Combustion	Safety Engineering
Consulting – forensic engineering and court testimony	

Personal Data

Date of Birth - 1948
Married, two children

Education

1973 -74 Graduate Assistant in Research, Department of Aerospace and Mechanical Sciences, Princeton University, Princeton, NJ.

1970 -73 Mechanical Engineering Department, Newark College of Engineering, Newark, NJ. B.S.M.E., Cum Laude, 1973.

Academic Honors

Tau Beta Pi, National Honorary Engineering Fraternity
Pi Tau Sigma, National Honorary Mechanical Engineering Fraternity

Experience

1997 – Leshner & Associates, Inc., Forensic Engineers.

1993-97 President, Chief Scientist, Lean Power Corporation, College Park, MD. Development of electronic exhaust emission controls for internal combustion engines.

1988-93 Director of R & D, Ohmeda Critical Care, Columbia, MD. Management of all engineering activities worldwide for \$60 million product lines including Infant Incubators, Infant Warmers, Phototherapy Equipment, Suction Regulators & accessories and Oxygen Therapy equipment.

1986-88 Chief Engineer, Sonex Research, Inc., Annapolis, MD. Management of R&D in exhaust emission control and engine performance development.

- 1984 - 86 Engineering Department Manager, Bowles Fluidics Corporation, Columbia, MD. BFC is a supplier of components to automobile manufacturers. Management of new product development groups in Fuel Injection and Heating, Ventilating, & Air Conditioning products.
- 1981 - 84 Vice President, Engineering, Vacor, Inc., Moorestown, NJ. Responsible for all technical activities. Automotive cooling system development and vehicle testing. Elected to Board of Directors, 1983.
- 1975 - 81 Chief Engineer, Fuel Injection Development Corp., Bellmawr, NJ. Supervision of all research activities, design and testing of fuel injection systems, electronic engine controls and electronic instrumentation.
- 1974 - 75 Member of Research Staff, Princeton University, Princeton, NJ. Combustion studies in jet engines, burners, and solid fuel systems.
- 1968 - 70 United States Peace Corps, Uganda, East Africa. Teacher of Science and Mathematics in a Technical Secondary School.

Publications

Approximately twelve Technical Papers published in Scientific and Technical Journals since 1974. Topics include: Combustion Roughness and Noise, Multi-fuel Operation of Internal Combustion Engines, Engine Control Systems for Spark-Ignited Internal Combustion Engines, and Evaporative Engine Cooling, Sudden Unintended Acceleration, Odometers, Engine Cooling.

Patents/Awards

16 U.S. Patents issued on Medical Suction & Oxygen Delivery products, automotive engine components and control systems, burners, and electronic products. Additional foreign patents.

Professional Engineer Registration, 1978.

Inventor of the year, American Society of Inventors, 1979.

Memberships

Fellow and Past President, National Academy of Forensic Engineers (NAFE)
Society of Automotive Engineers (SAE)
National Society of Professional Engineers (NSPE)
American Society for Testing and Materials (ASTM)
American Academy for the Advancement of Science (AAAS)



References will be furnished on request.