

James S. Finne, P.E.
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EDUCATION:

BSME	Lehigh University, Bethlehem, PA	October 1969
MSEE	Rutgers University, New Brunswick, NJ	May 1976

EMPLOYMENT HISTORY:

September 1999 – Present **Middlesex Country College**, Edison, NJ

Instructor (full time) for Electrical Engineering Technology teaching Introduction to Digital Circuits, AC Circuits, Introduction to Technology and Industrial Electronics.

March 1999 – Present **Lundberg Engineering, LLC**, Metuchen, NJ

Principal Engineer for a practice focusing on providing pharmaceutical facility and process engineering services to nascent life sciences companies.

January 1987 – March 1999 **Interferon Sciences, Inc.**, New Brunswick, NJ

Director of Engineering for a start up biopharmaceutical company with broad responsibilities in all phases of process, project and facilities engineering and daily operations. Interferon Sciences manufactures leukocyte derived, immunoaffinity purified alpha interferon. Engineering responsibilities during approval process by CBER for Establishment and Product Licenses and then expanded and validated the cGMP manufacturing facilities for scale up and launch.

May 1985 to January 1987 **Parke-Davis Division of Warner Lambert**, Morris Plains, NJ

Senior Project Engineer for a major pharmaceutical manufacturing site responsible for all capital projects, including manufacturing scale up and facilities improvements. Implemented a building automation system and designed a unique liquid oral product compounding system that quadrupled manufacturing capacity without expanding facilities.

February 1980 to January 1985 **Organon Inc.**, West Orange, NJ

Director of Engineering for a pharmaceutical manufacturer with oral and parenteral dosage forms, diagnostic kits and packaging. Responsible for all process, project and facility engineering and daily operations. Served on management's team for union (IBEW) contract negotiations.

May 1978 to February 1980 **Pfizer, Inc.**, Brooklyn, NY

Senior Engineering Supervisor responsible for all pharmaceutical engineering projects in the parenteral compounding and packaging areas. Designed and implemented a unique optical inspection system obviating the need for 100% inspection of parenteral West seals. Implemented sterilizer validation studies.

September, 1973 to May 1978 **Dow Jones, Inc.**, Princeton, NJ

Project Engineer responsible for mechanical and electronic design projects that supported the automation of the Dow Jones printing facilities. Projects included a laser facsimile scanner, phototypesetting system and remote pressroom controls.

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NARRATIVE ON WORK EXPERIENCE:

I have worked in a broad range of pharmaceutical and biotechnology companies having daily responsibilities for all aspects of the process and project engineering and plant operations. At Interferon Sciences, Inc. and at Organon Inc., I was responsible for constructing major expansions (\$4MM and \$10MM respectively) to the GMP manufacturing facilities. Both were clean room (Class 100, 10,000) aseptic processing areas which included sterilizers, laminar flow areas, USP Purified Water and Water-For-Injection systems (DI, UF, RO and multi-effect stills), and specialized HVAC systems.

In both facilities I was responsible for overseeing the daily operation of the physical plants, assuring that all critical systems and equipment operated in a controlled manner. This required implementing appropriate procedures and systems to monitor and document the operations. Systems included manual documentation and computerized building automation to facilitate the reporting and data logging of utility, facility and processing systems.

I have been responsible for facility inspections by the FDA and foreign agencies, as well as environmental inspections by USEPA and NJDEP, and for responding to inspection observations. I have written validation protocols and standard operating procedures for utility and facility systems. Daily operations include all phases of plant operation, utilities, maintenance, environmental reporting (RCRA, RMW, RTK, etc.) and security.

Management responsibilities include expense and capital budgeting and strategic planning for facility expansions, manufacturing scale up, process improvements and change control. I have supervised a staff of 3 engineers and up to 20 non-exempts.

STATEMENT OF OBJECTIVES

My search is limited to positions that will exploit my educational and professional experience and present engineering challenges to solve the everyday problems of making manufacturing environments work. I have always prided myself as being able to “think out of the box” and would like to be in an environment where that is expected, needed, and appreciated.

MISCELLANEOUS:

Professional Engineer New Jersey License # GE 24666
Building Inspector and Subcode Official New Jersey License # 004300
High Pressure Boiler Operators License

Computer literacy includes MS Word, advanced LOTUS 123 (macro programming), AutoCad R14, Excel and Power Point. Familiar with MS Project, Access, and Promodel.
Experience programming in PLC ladder logic (Mitsubishi) and Andover Controls drum logic.

Activities include serious woodworking, antique car restoration, community service with Habitat for Humanity (Construction Committee, Board of Trustees), skiing, sailing, and running (including marathon).