

Robson Forensic

Engineers, Architects, Scientists & Fire Investigators

LOUIS M. WETSTEIN, Ph.D., P.E.

Biomedical Engineer / Clinical Engineer / Facilities Engineer

PROFESSIONAL EXPERIENCE

2006 to **Robson Forensic, Inc.**

present *Associate*

Provide technical investigations, analysis, reports, and testimony towards the resolution of personal injury and property damage litigation involving in all aspects of medical diagnostic, therapeutic and monitoring equipment; design of healthcare occupancies as they relate to medical equipment and facilities; installation of equipment in a healthcare setting; healthcare facilities utility management and operations including air and water quality issues.

1990 to **NewYork-Presbyterian Hospital, New York, New York**

present *Director, Facilities Operations*

2006-present

Direct the day-to-day operations of the Facilities Operations Department including the Central Plant, HVAC, Electric, Plumbing and General Construction departments in a 3 million square foot complex of hospital, research and administrative buildings.

Project Leader, Facilities Engineering

2002-2006

Project Manager for several multi-year infrastructure upgrade projects including installation of a 2-megawatt backup generator with connections to existing infrastructure; installation and upgrade of medical air and medical vacuum systems; installation of 4160-volt electric distribution centers with associated electric closet riser systems; installation of new heating, plumbing and riser systems.

Facilities Engineer, Facilities Engineering

1999-2002

Coordinated engineering survey and design, Mechanical, Electrical and Plumbing (MEP) shutdowns and emergency generator testing. Developed and managed departmental budget and timekeeping databases. Administrated JCAHO required hazard surveillance, Statement of Conditions and Utilities Management records.

Associate Business Analyst, Division of Information Services

1998-1999

Developed and maintained a Year 2000 Readiness information database that detailed technical problems in biomedical devices, computer and facilities equipment due to the century change. Coordinated device testing by in-house personnel and outside vendors. Managed legal, engineering and software consultants during all phases of the hospital remediation plan.

Clinical Engineer, Department of Biomedical Engineering

1991-1997

Designed, developed, implemented and managed a computer database management system which organized equipment maintenance records, parts inventories, maintenance

Robson Forensic

Engineers, Architects, Scientists & Fire Investigators

LOUIS M. WETSTEIN, Ph.D., P.E.

Biomedical Engineer / Clinical Engineer / Facilities Engineer

insurance and budget expenditures. Project manager for installations of fetal monitoring systems, bedside monitors with central stations, laboratory analyzers and x-ray equipment. Developed and maintained a computerized preventive maintenance system that included a laptop connection to an equipment safety tester so that technicians in the field could complete safety and performance testing.

Administrator-On-Call, Division of General Services

1993-1997

Acted as senior administrative official in all hospital operational matters. Assisted the professional staff in all matters including medical-legal issues, admissions and staffing. Handled all public relations requests and received complaints.

Biomedical Equipment Technician, Dept. of Biomedical Engineering

1990-1991

1988 to **The Children's Hospital Boston, MA**

1990

Biomedical Equipment Technician, Department of Biomedical Engineering

Maintained all diagnostic, therapeutic and monitoring equipment. Evaluated equipment safety, performed repairs and designed electromechanical systems.

PROFESSIONAL CREDENTIALS

Professional Engineer, New York State

Certified Biomedical Equipment Technician

EDUCATION

Doctor of Philosophy in Biomedical Engineering, Columbia University, New York, NY, 2007

Master of Philosophy in Biomedical Engineering, Columbia University, New York, NY, 2006

Master of Science in Bioengineering, Columbia University, New York, NY, 1993

Bachelor of Science in Biomedical Engineering, Rensselaer Polytechnic Institute, Troy, NY, 1988