

Profile

An engineering professional with extensive experience evaluating, managing, integrating, maintaining and making healthcare technology safer and more effective

Skills and Expertise

- Planning and managing healthcare technology during its entire life cycle
- Evaluating, selecting, and procuring health devices for health facilities and facilities upgrade projects
- Designing and executing training programs for the effective maintenance and safe use of health devices
- Developing systems, policies, procedures, manuals, and guidelines for managing healthcare technology
- Installing, integrating, maintaining, calibrating, troubleshooting, and solving healthcare technology problems
- Building prototypes for new medical device components
- Performing bench and field tests for new medical devices
- Producing guides, manuals, videos, and instructions for use for medical devices
- Managing and ensuring quality of field service team

Professional Experience

Senior Project Engineer, ECRI Institute, Plymouth Meeting, PA- Jan 2018 – Present

- Evaluate medical devices through research, testing, and gathering user feedback
- Investigate medical device hazards
- Perform a consulting role working with and advising healthcare professionals
- Prepare articles on a variety of health technology management topics

Biomedical Engineering Manager, Gradian Health Systems, New York, NY- Oct 2013 - Jun 2017

Managed customer training, service, and satisfaction. Oversaw the training of biomedical engineers in hospitals, distributors and other partners in preventative and corrective maintenance. Maintained and improved the clinical and biomedical training curricula. Designed and managed the service ticket architecture and evaluated trends in anesthesia and critical care products. Established and maintained quality assurance processes. Built prototypes and tested new device components.

Clinical Engineer, Self-employed Consultant- Oct 2011- Dec 2017

Provided expert guidance on healthcare technology management matters to international healthcare agencies and organizations including the World Health Organization (WHO), Orbis International, Catholic Health Association, and the International Agency for the Prevention of Blindness.

Senior Clinical Engineer, Orbis International, New York, NY - Jan 1994 - Sept 2011

Designed, implemented, and evaluated international training and capacity building programs in healthcare technology management and medical equipment maintenance. Managed and supported healthcare technology used onboard the state of the art Orbis Flying Eye Hospital and in local partner hospitals worldwide.

Other Employment

- Biomedical Engineer, Albert Einstein Medical Center, Philadelphia, PA-1991-1994
- Biomedical Equipment Technician, Medic PRN, Pennsauken, NJ- 1989-1991
- Biomedical Equipment Technician, BMA Dialysis, Abington, PA- 1987-1989

Education

Temple University, Philadelphia, PA - Bachelor of Science, Biomedical Engineering, 1989

Professional Activities

- Member of the Association for the Advancement of Medical Instrumentation (AAMI)
- Past Board Member of the American College of Clinical Engineering (ACCE) and Past Member of ACCE's International Committee. Co-Editor of ACCE's Newsletter
- Past member of the Board of the Clinical Engineering Division (CED) of the International Federation for Medical and Biological Engineering (IFMBE)
- Past member of WHO's Technical Advisory Group on Health Technologies

Awards

- ACCE 2008 Professional Achievement in Management /Managerial Excellence Award
- AAMI 2014 Robert L. Morris Humanitarian Award

