

Rebeca Eller

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Objective

Highly motivated Clinical Engineer seeking to support and advance patient care by applying engineering expertise and management skills to medical technologies.

Experience

Clinical Engineer, Stanford Children's Health | Lucile Packard Children's Hospital Stanford

August 2017 – Present

Roles and Responsibilities

- **Security Management:** Criticality and probability assessment, vulnerability analysis, developing, prioritizing and implementing plan to mitigate risks, upgrade/patch management
- **Project Management and Planning:** Intake assessment, design review and production readiness review
- **Planning for Clinical Research:** Evaluating study contracts and protocol(s), security review, inventorying and tracking
- **Contract and Vendor Management**
- **Technology Consultation and Emerging Technology Review**
- **Pre- and Post-Acquisition Evaluation, Total Cost of Ownership (TCO) and Lifecycle Cost Analysis**
- **Strategic Planning, Deployment and Testing of Medical Units and Integrated Systems**
- **Reviewing Architectural, Engineering and Equipment Selection:** Hospital expansion and renovation projects
- **Developing, Implementing, and Reviewing Department Policies, Procedures and Programs:** Physiological Monitoring Committee, Medical Equipment Management Committee, Medical Equipment Management Plan (MEMP), Acceptance Testing of Medical Equipment, Calculating On-Schedule Preventative Maintenance (PM), Department Orientation and Education, Electrical Safety Testing, Medical Device Incident Investigation, Medical Device Recalls and Alerts, Medical Equipment Modifications, New Medical Equipment Purchases, Medical and Non-medical Equipment Not Owned By Clinical Facility
- **Installation and Configuration of Medical Devices and Systems**
- **Inspection, Preventative Maintenance and Minor Repairs of Medical Equipment**
- **Inventorying and Asset Tracking (RFID)**
- **CMMS Cleanup, Data Entry Standards/Compliance and Reporting**
- **Incident Investigation and Root Cause Analysis**
- **Communications:** Outside agencies, vendors, consultants, hospital administrators and clinical stakeholders

Officer of Community Relations and Donor Relations, Ruffalo Noel Levitz (RNL)

November 2016 – February 2017

Skills

Strong verbal and written communication skills | Problem-solving mentality | Thinking strategically | Network+ | Root Cause Analysis | CMMS | Project Management | Contract Management | Strategic Planning | Decision-making | Customer Service

Education

University of Connecticut – Storrs – Masters of Science in Engineering

Master of Science in Engineering, Biomedical Engineering, Concentration: Clinical Engineering, May 2019

University of Connecticut – Storrs – Bachelors of Science in Engineering

Bachelor of Science in Engineering, Biomedical Engineering, Concentration: Biomaterials, May 2017

Minor, Materials Science and Engineering, May 2017

Emergency Medical Technician (EMT) Training Academy– Storrs

EMT Training and Basic Life Support (BLS) Certification, January 2017 – May 2017

Completed 190-hour training program

Health and Biomed-science Academy Nurse's Assistant Program – Danbury

Certified and Licensed Nurse's Assistant, August 2012 – June 2013

Completed 270-hour training program

Certifications and Professional Affiliations

Basic Networking Certification, CT Comp, Plantsville, CT | American College of Clinical Engineering (ACCE) | Association for the Advancement of Medical Instrumentation (AAMI) | New England Society of Clinical Engineering (NESCE) | Society of Women Engineers (SWE) | Packard 101