

Meaghan Erlewein

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EDUCATION

University of Connecticut, Storrs, CT

Master of Science in Biomedical Engineering with a focus in Clinical Engineering
GPA: 4.0

Expected May 2019

Rochester Institute of Technology, Rochester, NY

Bachelor of Science in Biomedical Engineering
GPA: 3.30

December 2016

EXPERIENCE

Yale New Haven Health System

Clinical Engineer (20 Hours/Week)

New Haven, CT

June 2017–Present

- Project Management:
 - Led the upgrade of \$1.2 million worth of patient monitoring across multiple Intensive Care Units
 - Coordinate with clinicians and vendors to establish quotes for projects
- Device Integration:
 - Perform data verification testing for newly integrated devices, such as patient and fetal monitoring system, and the connected care environment
- Capital Equipment Acquisition:
 - Conduct technology assessments and market analysis for a variety of devices to be considered for purchase and health system standardization
- Policies & Procedures:
 - Establish new policies for the health system in terms of data to be captured with new device additions to the CMMS and create guidelines to be utilized by biomedical equipment technicians
 - Assisted in the preparation of documentation for the Environment of Care, EOC, committee
- Financial Management:
 - Perform various data analytics to assess equipment asset value managed by the department and the dollar amount of invoiced, requisitioned, and authorized devices per quarter
 - Led a quality management project to update 30,000 asset values totaling \$400 million in the CMMS and prepared the finalized document for equipment planning which captured device life, equipment useful life, and asset cost

Reckitt Benckiser

Regulatory Affairs Intern (40 Hours/Week)

Parsippany, NJ

June-August 2016

- Researched and presented findings on the regulatory pathway for Class 1 medical devices to support new acquisitions
- Prepared a Changes Being Effected in Thirty Days (CBE-30) supplement

Rutgers School of Nursing

Research Assistant (40 Hours/Week)

Newark, NJ

June 2014–January 2015, June–August 2015

- Developed a computerized system to be utilized by nurse practitioners and business associates as their electronic medical record
- Converted data from paper charts into electronic format to be stored and analyzed

CERTIFICATIONS AND PROFESSIONAL AFFILIATIONS

- Lean Six Sigma Green Belt
- Basic Networking Certification, CTCComp, Plantsville, CT
- American College of Clinical Engineering (ACCE)
- Association for the Advancement of Medical Instrument (AAMI)
- New England Society of Clinical Engineering (NESCE)

PUBLICATIONS

- Zha P, Sickora C, Chase SM, Erlewein M (2016) An RN/CHW Exemplar: Managing Hypertension in an Urban Community. J Comm Pub Health Nurs 2:135