

# Mark A. Galiette

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## Objective

Obtain a full time position in the field of clinical engineering.

## Education

**University of Connecticut**, Storrs, CT *Master of Science in Biomedical Engineering*, May 2012  
Focus: Clinical Engineering Current Cumulative GPA: 4.18/4.00  
**University of Connecticut**, Storrs, CT *Bachelor of Science, Engineering*, May 2010  
Focus: Biomedical Engineering Cumulative GPA: 3.82/4.00

## Related Courses

Clinical Engineering Fundamentals	Physiological Systems
Engineering Problems in the Hospital	Clinical Instrumentation Systems
Human Error and Medical Device Accidents	Electronic Circuit Design and Analysis
Medical Instrumentation	Human Anatomy and Physiology I & II

## Work Experience

### **UConn Health Center Clinical Engineering Department**, Farmington, CT

*Clinical Engineer*, August 2010-Present

- Led procurement and implementation of new Computerized Maintenance Management System (CMMS) for CE Department, Mini C-Arm for OR, and Slave Monitors for GI
- Presented report to Hospital Administration and Clinical staff on Emergency Power Management
- Participated in Root Cause Analyses on IV pumps and laparoscopic instruments
- Completed Failure Modes and Effects Analyses on Emergency Power Management and Glutaraldehyde User System (GUS)
- Prepared Quarterly CE Department Safety Reports and Customer Satisfaction Surveys
- Assisted in the installation of Phillips Cath Lab, GE Anesthesia Machines, and PACU Monitoring
- Coordinated the completion of preventative maintenance on 500 IV pumps in a one month period
- Participated in preventative maintenance and repair of most types of life support equipment
- Worked with staff in each clinical engineering technical specialty
- Spent over 300 hours observing clinical staff interact with technology and patients in every major clinical area in the hospital

### **University of Connecticut Biomedical Engineering Department**, Storrs, CT

*Independent Study*, June 2011-Present

- Designed, developed, and tested a human-analogous brain to train Radiology Technicians in the procedure of CT Perfusion used for the diagnosis of cardiovascular blood flow in the brain

### **St. Mary's Hospital Clinical Engineering Department**, Waterbury, CT

*Summer Clinical Engineering Internship*, May 2009-August 2009

- Compiled inventory of all radio frequencies in the hospital in conjunction with implementation of a new cardiac monitoring system
- Provided preventative maintenance and performed minor repairs on medical equipment
- Assisted other biomedical technicians in daily routine tasks and in small projects

## Professional Activities

- **NESCE New England Society of Clinical Engineering**, Member, August 2010-Present
- **ACCE American College of Clinical Engineers**, Member, August 2010-Present
- **AAMI American Association for the Advancement of Medical Instrumentation**, Member, August 2010-Present