

# ELENA SIMONCINI

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**Current Address:**

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**Permanent Address:**

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- OBJECTIVE:** Seeking opportunities which incorporate healthcare technology management and utilize my skills and experiences in both clinical and biomedical engineering.
- EDUCATION:**
- University of Connecticut, School of Engineering** August 2010-Present  
*Masters of Science in Biomedical Engineering*, Expected Graduation: May 2012 Storrs, CT  
Clinical Engineering Internship Program  
Internship Location: Veterans Administration (VA) Boston Healthcare System - West Roxbury, MA
- Boston University, College of Engineering** September 2006 – May 2010  
*Bachelor of Science in Biomedical Engineering, Cum Laude* Boston, MA
- EXPERIENCE:**
- Clinical Engineer** August 2010-Present  
**Veterans Administration (VA) Boston Healthcare System** West Roxbury, MA
- Participated in the research, review and acquisition of new medical devices to the Boston VA Healthcare System.
    - Projects include: 3T Magnetic Resonance Imaging (MRI) system, Interventional Radiology equipment, Defibrillators, Automatic External Defibrillators, Electroencephalogram (EEG) equipment, leg compression pumps, etc.
  - Co-Lead and participated in a hospital noise reduction study to reduce the affects of alarm fatigue and to improve patient care through the reduction of noise in the Progressive Care Unit.
    - Presented research on hospital noise and alarm reduction at the AAMI Alarms Summit in October of 2011 and the New England Society of Clinical Engineer’s Conference in November 2011 in a presentation entitled “Combating Hospital Noise and False Alarms through a Collaboration of Clinical Engineering and Nursing”.
  - Advised and educated staff on the effective use of medical devices and systems.
  - Lead an organizational and systems redesign project throughout the Clinical Engineering Departments in the 3 Boston facilities (West Roxbury, Jamaica Plain and Brockton).
  - Participated and acted as a clinical engineering liaison in a Root Cause Analysis (RCA) surrounding a patient incident which occurred at the VA Boston Healthcare System.
  - Reviewed, updated and improved the Standard Operating Procedures (SOP) for the Clinical Engineering department.
  - Completed Clinical Rotations in the OR, General Medical Floor, General Surgical Floor, ICU, MRI (both 1.5T & 3T), Interventional Radiology and Respiratory Therapy.
  - Participated in a Project Management Class through the New England Society of Clinical Engineering.
- ACHIEVEMENTS:**
- Boston University Scarlet Key Recipient May 2010
- *Given to graduating Boston University students who have made notable contributions to the university through their distinguished accomplishments.*
- Boston University College of Engineering Anita Cuadrado Award May 2010
- *Given to one graduating senior in the College of Engineering to honor a student who has shown enthusiasm and devotion to the college.*
- Boston University Dean’s List Fall 2006 & 2009, Spring 2010
- ORGANIZATIONS:**
- AAMI Medical Device Alarms Committee, Voting Member** November 2011-Present  
**New England Society of Clinical Engineering, Member** August 2010-Present  
**Association for the Advancement of Medical Instrumentation (AAMI), Member** August 2010-Present  
**American College of Clinical Engineering, Member** August 2010-Present  
**Biomedical Engineering Society, Member** August 2009-May 2010