

Catherine Anne Weitenbeck

Boston, MA 02130

Tel.: 414-731-1766

Email: weitenbeck.cathy@gmail.edu

Objective A career in the clinical engineering field.

Education

2010-2012 University of Connecticut, Storrs, CT
M.S. Biomedical Engineering

2006-2010 Milwaukee School of Engineering, Milwaukee, WI
B.S. Biomedical Engineering

Employment History

Aug 10 – Present Brigham and Women’s Hospital, Boston, MA

- Clinical Engineer
- Equipment planning, acquisition, and installation for brand new offsite fifteen room primary care facility. Comparison of connectivity options for vitals signs monitors.
- Manage installation of new equipment for multi-modality image guided operating room. Set up vendor trainings for technicians, engineers, and clinicians.
- Equipment replacement including purchasing, remodeling, and installation for flash sterilizers, operating tables, and blanket warmers.
- Assisted with infusion pump drug library upgrades.
- Equipment planning, acquisition and installation for simulated environment of all main patient care areas for testing of device integration with new acute care documentation system.
- Device testing on specifications for NICU milk warmers.
- IRB device trial testing of wireless respiration monitor.

June 10 – Aug 10 Disa Vascular, Cape Town, South Africa

- Research mitral valve replacement and biodegradable stents options for a small company that designs and manufactures a variety of coronary stents.

Aug 08 – May 10 Center for Bimolecular Modeling, Milwaukee, WI

- Assist with the research and development of 3D physical models of molecules and other hands on learning activities to teach molecular biology, and put together educational kits shipped worldwide.

June 09 - Aug 09 Engineering World Health – Summer Institute

- One month of training in Costa Rica including Spanish lessons and medical instrumentation. Second month spent inventorying, repairing, and maintaining medical equipment in Honduras.

Independent Studies

- Improve simulation patient to be used for Nursing student clinical simulation, Spring 2010
- Clinical Engineering Internship at Froedtert Hospital Radiology Department, Nov 2009 – Feb 2010
- Independent Study with Perfect Cross - home use rehabilitation equipment, Spring 2009

Awards

- AAMI Michael J. Miller Scholarship 2011
- AEMB Honor Society 2009 – 2010

Activities and Societies

- Society of Women Engineers, NESCE, AAMI, ACCE