

Samantha Jacques, Vice President, Corporate Clinical Engineering, McLaren Healthcare

RESPONSIBILITIES AND ACHIEVEMENTS:

- Manages Clinical Engineering services throughout the McLaren system including 15 hospitals, ambulatory surgery centers, imaging centers, and Michigan’s largest network of cancer centers.
- Developed Capital Equipment Plan and insourced management of clinical applications. Managed all medical device integrations into medical record.
- Manage all merger, acquisition, and new growth strategy and implementation for Clinical Engineering at system level. This includes acquisition of a 300 bed community hospital as well as design/construction of one community hospitals, two patient tower expansions and stand alone emergency departments.
- Advance HTM profession through educational presentations at conferences, developing national standards and advocating legislative policy through HSCC (Healthcare Sector Coordinating Council), College of Healthcare Information Management Executives (CHIME), ACE Summit (Architecture, Construction, Equipment), American College of Clinical Engineering (ACCE) and Association for Advancement of Medical Instrumentation (AAMI). Serve as board member for associations.
- Co-Author of “Introduction to Biomedical Engineering” with Dr. Barbara Christie. Published by Elsevier Expected June 2020.

COMMITTEES AND ASSOCIATIONS:

- Fellow, American College of Healthcare Executives (FACHE)
- Prior Board Member, American College of Clinical Engineering (ACCE)
 - Committee Member – ACCE: CE-IT committee
- Board Member At Large, Healthcare Technology Certification Commission (HTCC)
- Board Member, ACE Summit and Reverse Expo (<https://bluegrassbm.swoogo.com/ACE2019>)
- Past Steering Team Member, Healthcare Technology Alliance (HTA)
- Fellow AAMI
 - Member AAM Foundation Alarm Management Team
 - Member AAMI Standards Committee (EQ 56, TIR 75 and SW-95)
 - Editorial Board Member, Biomedical Instrumentation and Technology Journal
- Member College of Healthcare Information Management Executives (CHIME)
- Member Association of Executives in Healthcare Information Technology (AEHIT)
 - Member, Public Policy Committee
- Member HIMMS

RECENT PUBLICATIONS:

- Introduction to Clinical Engineering – Book – Elsevier March 2020
- Roundtable Discussion: The Value of Training and Continuous Education for HTM Professionals Biomed Instrum Technol (2019) 53 (3): 214–219.
- Margin Crunch: Opportunities for HTM to Grow Revenue and Cut Expenses Dot Med Aug 20, 2019

- Proactive Vendor Management for Healthcare Technology, Mar 2017, Biomedical Instrumentation & Technology
- A Roundtable Discussion : Leveraging Data to Benefit Healthcare Technology Management, Nov 2017, Biomedical Instrumentation & Technology
- Bioinformatics Associated With Conjoined Twin Separation, Oct 2017, Journal of Craniofacial Surgery
- Improving Clinical Alarm Management: Guidance and Strategies, Mar 2017, Biomedical Instrumentation & Technology
- Factors that Affect Design of Secondary Alarm Notification Systems, Feb 2017, Biomedical Instrumentation & Technology
- A Roundtable Discussion: Navigating the Noise with Clinical Alarm Management, Feb 2017, Biomedical Instrumentation & Technology
- Patient-centered design of alarm limits in a complex pediatric population, Dec 2016, Health and Technology
- Reducing the safety hazards of monitor alert and alarm fatigue, May 2016
- Breaking Barriers to Patient-Centric Alarm Management, May 2016, Biomedical Instrumentation & Technology
- An Alarm Management View of IT and Biomed Roles and Responsibilities, May 2015, Biomedical Instrumentation & Technology
- Asian Healing Traditions in Counselling and Psychotherapy, 2017. Chapter 15: Tai Chi and Meditation