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# Alan Lipschultz, PE, CCE, CSP

**Career Summary**

- Nationally recognized Clinical Engineering professional
- President of HealthCare Technology Consulting LLC

**National Leadership & Recognition**

- 2006 Recipient, Clinical/Biomedical Engineering Achievement Award from Association for the Advancement of Medical Instrumentation (AAMI)
- Co-Chair, AAMI Standards Board (1993-present)
- Editorial Board of Biomedical Instrumentation and Technology (AAMI Journal) (1987-present)
- AAMI Technology Management Council (2004-present)
- Chair, National Fire Protection Association (NFPA) Medical Equipment Technical Committee (2007-Present)
- ECRI Institute – Health Devices - Advisory Board (2007-2011)
- 2012 Recipient, Marv Shepherd Patient Safety Award from American College of Clinical Engineering (ACCE) and Healthcare Technology Foundation (HTF)

**License & Certification**

- Professional Engineer (PE) – State of Delaware, License # 7875
- Certified in Clinical Engineering (CCE) by Healthcare Technology Foundation, Certificate # 66
- Certified Safety Professional (CSP) by Board of Certified Safety Professionals

**Employment Experience**

President, HealthCare Technology Consulting LLC (2011-present)

HealthCare Technology Consulting LLC provides technical assistance to user facilities, users, manufacturers, and/or regulators of medical devices in the following areas:

- **Clinical Engineering**
- **Forensic Engineering**
- **Expert Witness**
- **Patient Safety & Risk Management**
- **Systems Integration**
- **Device Design and Improvement**

Christiana Care Health System (1989-2011)

**Director, Clinical Engineering**

- Led development of Clinical Engineering program, responsible for all Healthcare Technology Management at the organization.
- Led effort to select and install flexible monitoring system that encompassed major changes in clinical practice and tight interface with system-wide Information Services computer network.
- Selected to lead team evaluating and implementing new Smart IV Pump technology.
- Member, Patient Safety Committee – Selected by that committee to lead efforts to comply with National Patient Safety Goal on Clinical Alarms.
- Member, Environment of Care Safety Committee – Selected by committee to be primarily responsible for compliance with Joint Commission patient care equipment standards.
- Member, Technology Management Committee responsible for evaluating and approving all new major medical technologies.
- Co-Chair, Medical Products Implementation Committee responsible for passing on education and implementation plans for new medical products.

- Member, Corporate Value Analysis Committee responsible for evaluating new medical products for cost effectiveness and clinical suitability.

Waterbury Hospital (1973-1989)

**Director, Clinical Engineering**

- Started Clinical Engineering program from scratch
- Clinical Engineering began servicing all imaging equipment around 1979, one of the first Clinical Engineering programs in the country to do so.
- Chosen to head several interdisciplinary teams to evaluate and select a vendor for major clinical systems, such as patient monitoring, infusion pumps and nurse call system.

**Professional Organizations**

- (AAMI) Association for the Advancement of Medical Instrumentation (1971-present)
  - Co-Chair, Standards Board (1993-present)
  - Editorial Board of Biomedical Instrumentation and Technology (AAMI Journal) (1987-present)
  - Technology Management Council (2004-present)
  - Electrical Safety Committee (~1975-present)
  - Technology Management Council (2004-present)
  - Infusion Device Committee (2010-present)
  - Medical Device Alarms Committee (2011-present)
  - Clinical Alarms Steering Committee (2012-present)
- (ACCE) American College of Clinical Engineering (1991-present)
- (ASPPS) American Society of Professionals in Patient Safety (2011-present)

**Education**

University of Maryland

- Bachelor of Science, Electrical Engineering (1971)

Washington University in St. Louis

- Master of Science, Electrical Engineering (1973)
- Special Certificate in Health Care Technology (1973)

**References**

Multiple references available upon request from among:

- Administrative, clinical and technical leaders at Christiana Care Health System
- Recognized leaders in the HealthCare Technology Management field around the United States
- Senior executive leadership at AAMI
- Senior executive leadership at ECRI Institute

For some references, click here