



Matthew F. Baretich, P.E., Ph.D., President

ACHIEVEMENTS

Matt Baretich has more than 20 years of experience in applying engineering and managerial skills in healthcare facilities. Throughout his career he has worked in changing environments and has adopted boundary-spanning roles. Dr. Baretich's complete résumé includes numerous publications and professional presentations. Outlined below are some examples of successful integration of vision and practice.

Achieving Objectives: For Precedent Health Center, a new hospital in Denver, Colorado, he established and directed the safety management program and coordinated the JCAHO Environment of Care program. In June 1998, eight weeks after he assumed these responsibilities, the hospital underwent its initial JCAHO survey. The survey resulted in accreditation without Type 1 recommendations for the Environment of Care program.

Creating Systems: For University Hospital (Denver) he identified the need for a facilities engineering program to support the hospital's clinical mission, developed a comprehensive business plan for a 30-FTE program, and secured approval and cooperation throughout the organization. The plan was implemented under budget, in half the allocated time, with demonstrated improvements in technical performance and customer satisfaction.

Implementing Technology: To support patient care in University Hospital's new Critical Care Tower he managed the medical equipment planning process and oversaw ordering, receiving, installation, and performance verification for \$16 million of equipment – all acquired within budget and on schedule for occupancy in 1996.

Setting the Standard: As cochair of the AAMI Medical Instrumentation Maintenance Committee, a group of 23 clinical engineers in hospitals across the United States, he developed and edited a consensus report that was published in 1993 as an official "Guideline for Establishing and Administering Medical Instrumentation Maintenance Programs."

EMPLOYMENT

President, Baretich Engineering, Inc., Fort Collins, Colorado (since 1997). Providing consulting services for healthcare facilities in the areas of safety management, facility management, and medical equipment management. Services include program evaluation and development, medical and facility equipment planning, and investigation of incidents in which medical equipment or building systems may have contributed to an adverse outcome.

Director of Engineering Services, University Hospital, Denver (1992-1997): Established and directed the facilities engineering department. Restructured and directed the clinical engineering department. Directed the environmental health and safety program. Served on the design team for construction and equipment of the \$100 million Critical Care Tower.

Director of Bioengineering, University of Colorado Health Sciences Center, Denver (1987-1992): Restructured and directed the program, which provided clinical engineering support for University Hospital, biomedical engineering support for the University of Colorado School of Medicine and affiliated institutions, and computer maintenance services for the campus.

Faculty and Research Associate, The University of Iowa (1982-1987): Taught information systems, technology management, and statistics for the Graduate Program in Hospital and Health Administration. Conducted research at the Center for Health Services Research.

Director of Clinical Engineering, Children's Hospital of the King's Daughters, Norfolk, Virginia (1979-1982): Established and directed the clinical engineering department. Served on the design team for renovation and equipment of the 28-bed Neonatal ICU.

Director, Bioengineering Laboratory, Eastern Virginia Medical Authority, Norfolk, Virginia (1977-1979): Directed the shared-services program providing clinical engineering support for the Eastern Virginia Medical School, six hospitals, and other regional medical facilities.

EDUCATION

Ph.D., Hospital and Health Administration, The University of Iowa (1986)

M.S., Biomedical Engineering, Iowa State University (1977)

B.S., Electrical Engineering, Iowa State University (1975)

CREDENTIALS

Licensed Professional Engineer

Certified Clinical Engineer

Certified Healthcare Facility Manager

ACTIVITIES

American Society for Healthcare Engineering: Healthcare Technology Management Committee (2000-present)

Colorado Association of Healthcare Engineers and Directors: Board of Directors (2000-present)

Rocky Mountain Bioengineering Symposium: Board of Directors (1988-present)

American College of Clinical Engineering: President (1991-1992), Chair, Patient Safety Committee (2000-present)

Journal of Clinical Engineering: Editorial Review Board (1992-present)

Fitzsimons Redevelopment Authority: Scientific Advisory Committee (1995-1996)

International Certification Commission for Clinical Engineering: U.S. Board of Examiners (1990-1993)

IEEE Engineering in Medicine & Biology Magazine: Associate Editor (1987-1992)