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JOSEPH D. BRONZINO received the B.S.E.E. degree from Worcester Polytechnic Institute, Worcester, MA, in 1959, the M.S.E.E. degree from the Naval Postgraduate School, Monterey, CA, in 1961, and the Ph.D. degree in electrical engineering from Worcester Polytechnic Institute in 1968. He is presently the Vernon Roosa Professor of Applied Science, an endowed chair at Trinity College, Hartford, CT and President of the Biomedical Engineering Alliance and Consortium (BEACON) which is a collaborative effort between academic, medical and corporate entities (such as UCONN, UMass, Trinity College, The University of Hartford, Hartford Hospital, St. Francis Hospital, Baystate Medical Center, Pfizer, GE, Tyco, Boston Scientific, UBS/Paine Webber, etc.) dedicated to facilitating collaborative research, industrial partnering and the development of new medical technology companies . He is also a past director of the Clinical Engineering Internship Program which involves Hartford Hospital, John Dempsey Hospital, Yale/New Haven Hospital, Bridgeport Hospital and Bay State Medical Center.

He is an author of over 200 articles and eleven books: *Technology for Patient Care* (C.V.Mosby, 1977), *Computer Applications for Patient Care* (Addison-Wesley, 1982), *Biomedical Engineering: Basic Concepts and Instrumentation* (PWS Publishing Co., 1986), *Expert Systems: Basic Concepts* (Research Foundation of State University of New York, 1989), *Medical Technology and Society: An Interdisciplinary Perspective* (MIT Press and McGraw-Hill, 1990), *Management of Medical Technology* (Butterworth/Heinemann, 1992), *The Biomedical Engineering Handbook* (CRC Press, 1st Ed., 1995), *Introduction to Biomedical Engineering* (Academic Press, 1999), *The Biomedical Engineering Handbook* (CRC Press, 2nd Ed., 2000), *Biomechanics: Principles and Applications* (CRC Press, 2002), and *Biomaterials: Principles and Applications* (CRC Press, 2002).

Dr. Bronzino is a Fellow of IEEE and the American Institute of Medical and Biological Engineering (AIMBE), an honorary member of the Italian Society of Experimental Biology, past chairman of the Biomedical Engineering Division of the American Society for Engineering Education (ASEE), a charter member and presently Vice President of the Connecticut Academy of Science and Engineering (CASE) a charter member of the American College of Clinical Engineering (ACCE), a member of the Association for the Advancement of Medical Instrumentation (AAMI), past president of the IEEE-Engineering in Medicine and Biology Society (EMBS), past chairman of the IEEE Health Care Engineering Policy Committee (HCEPC), and past chairman of the IEEE Technical Policy Council in Washington, DC. He is a member of ETA KAPPA NU, SIGMA XI, and TAU BETA PI. He is also a recipient of the IEEE Millennium Medal for “his contributions to biomedical engineering research and education”. He is presently Editor-in-Chief of the Academic Press BME Book Series and the Biomedical Engineering Dictionary, and Editor-in-Chief of the CRC Press Biomedical Engineering Handbook (3rd Edition) Series.

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