

Joseph D. Bronzino. Ph.D., P.E.
FOUNDER AND PRESIDENT OF BEACON

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 was a faculty member of the Engineering Department at Trinity College for 42 years and was designated the Vernon Roosa Professor of Applied Science, an endowed chair at Trinity College, Hartford, CT from 1974 until his retirement in December 2010. From January 2000 to the present, Dr. Bronzino has also served as the Founder and President of the Biomedical Engineering Alliance and Consortium (BEACON) which is a non profit organization consisting of academic and medical institutions as well as corporations dedicated to the development and commercialization of new medical technologies (for details visit www.beaconalliance.org).

He is an author of over 200 articles and 11 books including the following : *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 ; the 2nd Ed., 2000 ; the 3rd Ed., 2005, the 4th edition 2013). In addition, he is the co-author of a significant number of spin-off text books that were developed from material in the Biomedical Engineering Handbooks. Finally, he is the co-author of a text entitled *Introduction to Biomedical Engineering* (Academic Press 1st Ed., 1999; the 2nd Ed., 2005, Elsevier 3rd Edition, 2011) which has been adopted by a significant number of Biomedical Engineering Programs throughout the world,

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), and a charter member of the American College of Clinical Engineering (ACCE), 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), past chairman of the IEEE Technical Policy Council in Washington, DC, and presently Editor-in-Chief of Elsevier's BME Book Series and CRC Press's Biomedical Engineering Handbook.

Dr. Bronzino is also the recipient of the Millennium Award from IEEE/EMBS in 2000 and the Goddard Award from Worcester Polytechnic Institute for Professional Achievement in June 2004

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