

Prof. Tarek M. Sobh, Ph.D., P.E.

**Executive Vice President, Research and Economic Development
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Professor Tarek M. Sobh received the B.Sc. in Engineering degree with honors in Computer Science and Automatic Control from the Faculty of Engineering, Alexandria University, Egypt in 1988, and M.S. and Ph.D. degrees in Computer and Information Science from the School of Engineering, University of Pennsylvania in 1989 and 1991, respectively. He is currently the Executive Vice President, Dean of the School of Engineering and Distinguished Professor of Engineering and Computer Science at the University of Bridgeport (UB), Connecticut; the Founding Director of the Interdisciplinary Robotics, Intelligent Sensing, and Control (RISC) laboratory and the Founder of the High-Tech Business Incubator at UB (CTech IncUBator). He was Senior Vice President from 2014-2018, Vice President from 2008-2014, Vice Provost from 2006-2008, Interim Dean of the School of Business, Director of External Engineering Programs, Interim Chairman of Computer Science and Computer Engineering, and Chairman of the Department of Technology Management at the University of Bridgeport. He was an Associate Professor of Computer Science and Computer Engineering at the University of Bridgeport from 1995-1999 and a Research Assistant Professor of Computer Science at the Department of Computer Science, University of Utah from 1992-1995.

His background is in the fields of computer science and engineering, STEM Education, control theory, robotics, automation, manufacturing, AI, computer vision and signal processing. He has published over 250 refereed journal and conference papers, and book chapters in these and other areas, in addition to 25 books. Dr. Sobh currently serves on the editorial boards of 15 journals, and has served as Chair, Technical Program Chair and on the program committees of over 250 international conferences and workshops in the Robotics, Automation, Sensing, Computing, Systems, Control, Online Engineering and Engineering Education areas. He has presented more than 150 keynote speeches, invited talks and lectures, colloquia and seminars at research meetings, University departments, research centers, and companies.

Professor Sobh has supervised over 50 award-winning graduate and undergraduate students working on different projects within robotics, prototyping, computer vision, control, and manufacturing; in addition to more than 300 undergraduate and graduate students working on their B.S. projects, Master's thesis or Ph.D. dissertations. Dr. Sobh is active in consulting and providing service to many industrial organizations and companies. He has consulted for several companies in the U.S., Switzerland, India, Malaysia, England, the United Arab Emirates, Kazakhstan and Egypt, to support projects in robotics, automation, manufacturing, sensing, numerical analysis, and control. He has also worked at Philips Laboratories in New York, and a number of companies in Egypt.

Dr. Sobh has been awarded over 50 research awards and grants to pursue his work in robotics, automation, STEM education, manufacturing, and sensing. Dr. Sobh is a Fellow of the African Academy of Sciences and a member of the Connecticut Academy of Science and Engineering. He has received many awards and merits in recognition of his research and scholarly activities in engineering, education and computing and his services to the academic community. Dr. Sobh is a Licensed Professional Electrical Engineer (P.E.), a Certified Manufacturing Engineer (CMfgE) by the Society of Manufacturing Engineers, a Certified Professional Manager (C.M.) by the Institute of Certified Professional Managers at James Madison University, a Certified Reliability Engineer (C.R.E.) by the American Society for Quality, a member of Tau Beta Pi (The Engineering Honor Society), Sigma Xi (The Scientific Research Society), Phi Beta Delta (The International Honor Society), Upsilon Pi Epsilon (The National Honor Society for the Computing Sciences), Phi Kappa Phi (The Academic Honor Society) and an honorary member of Delta Mu Delta (The National Honor Society for Business Administration).

Dr. Sobh is a member, senior member, founding or board member of several professional organizations including; ACM, IEEE, the International Society for Optical Engineering (SPIE), the National Society of Professional Engineers (NSPE), the American Society of Engineering Education (ASEE), the American Society of Quality (ASQ), the American Association for the Advancement of Science (AAAS), the Society of Manufacturing Engineers (SME), the International Association of Online Engineering (IAOE), the Discovery Museum, the Connecticut Pre-Engineering Program (CPEP), the Northeast Center for Computers and Information Systems Security (NECCISS), the International E-Learning Association (IELA), and the Society for Industrial Computing. Dr. Sobh is a graduate of Victoria College, Alexandria, Egypt, in 1983 and a life member of the Old Victorians Association.