

BIOGRAPHY



*Persistence and perseverance,
vim and verve*

Dr. Anthony Guiseppi-Elie is Professor of Biomedical Engineering and TEES Research Professor of Engineering at Texas A&M University (TAMU) where he directs the Bioelectronics, Biosensors and Biochips (C3B) Laboratories and is a member of the joint EnMed Faculty Working Group. He is Founder, President and Scientific Director of ABTECH Scientific, Inc., a near-patient biomedical diagnostics company. He holds the Sc.D. in Materials Science and Engineering from MIT, the M.Sc. in Chemical Engineering from the University of Manchester Institute of Science and Technology (UMIST) and the B.Sc. (First Class Honors) with majors in Analytical Chemistry, Biochemistry and Applied Chemistry from the University

of the West Indies (UWI). He has spent 15 years in both intrapreneurial and entrepreneurial industrial research and product development before becoming a full Professor of Chemical and Life Science Engineering (1998) and Professor of Emergency Medicine (2000) at Virginia Commonwealth University/ Medical College of Virginia. In 2006, he joined Clemson University as the Dow Chemical Professor of Chemical and Biomolecular Engineering, Professor of Bioengineering, and Professor of Electrical and Computer Engineering. In 2015 he moved to his current appointments at Texas A&M University.

Dr. Guiseppi's research interests are in engineered bioanalytical microsystems in the service of human health and medicine. He has published over 145 archival scientific papers (5324 citations, h-index = 39), 31 book or proceedings chapters, holds 8 US and foreign patents, and has given in excess of 200 invited lectures/colloquia. He is Editor-in-Chief of *Bioengineering*, an Associate Editor of *Biomedical Microdevices* and member of the editorial boards of *The Journal of Bioactive and Compatible Polymers*, *NanoBiotechnology*, and *Applied Biochemistry and Biotechnology*. He has been a Guest Editor for *IEEE Journal of Biomedical and Health Informatics*.

Prof. Guiseppi-Elie has been a 2015-2017 Fulbright Specialist Award recipient in bioengineering at the University of Tucumán, Tucumán, Argentina, the 2014-2015 Visiting Distinguished Professor of Industrial Bioelectronics at l'Ecole des mines d'Alès, France, the 2013 Avis Professor in Pharmaceutics at the University of Tennessee, a 2012-2013 IEEE-EMBS Distinguished Lecturer, and a 2012 Microsystems Distinguished Lecturer at the University of Maryland. Dr. Guiseppi is a Fellow of the American Institute of Medical and Biological Engineering (AIMBE Fellow-2006), a Fellow of the Royal Society of Chemistry (FRSC-2014), A Fellow of the Institute of Electrical and Electronic Engineers (FIEEE-2016), a Lifetime Member of AIChE and holds memberships in AAAS, ACS, MRS, AAPS and BMES. He has previously served as Vice Chair, Co-Chair and Secretary Treasurer of the AIMBE Industry Council and is the 2017 Chair of the AIMBE College of Fellows. At TAMU, Prof. Guiseppi teaches biomolecular and cellular engineering, biosensors and bioelectronics, and nanobiotechnology.