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Anthony Guiseppi-Elie is the Dow Chemical Professor of Chemical and Biomolecular Engineering, Professor of Bioengineering, Professor of Electrical and Computer Engineering and Director of the Center for Bioelectronics, Biosensors and Biochips at Clemson University. He is Founder and Scientific Director of ABTECH Scientific, Inc., a near-patient biomedical diagnostics company located in the Biotechnology Research Park, Richmond, Virginia. . 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 and Applied Chemistry from the University of the West Indies (UWI). Tony has spent 15 years in intrapreneurial and entrepreneurial industrial before becoming a full professor at Virginia Commonwealth University in 1998. Tony holds professorships at the University of the West Indies and the University of Western Cape. His research interests are in **engineered bioanalytical systems in the service of human health and medicine**. Tony has published ca. 200 technical papers and abstracts, 31 book or proceedings chapters, and holds 8 patents. Tony is a Fellow of the American Institute for Medical and Biological Engineering (FAIMBE), a sr. member of IEEE, a Life Member of AIChE and teaches engineering materials, biomolecular engineering, biosensors and bioelectronics, and nanobiotechnology.