

## RENA BIZIOS

### BIOGRAPHICAL SKETCH

Dr. Rena Bizios, a Chemical–Biomedical Engineer by training, is a Peter T. Flawn Professor in the Department of Biomedical Engineering at the University of Texas at San Antonio (UTSA), San Antonio, TX.

Her research interests include cellular engineering, tissue regeneration, biomaterials (including nanostructured ones), protein and cell interactions with biomaterials, tissue engineering, and biocompatibility. She has co-authored a textbook (entitled *An Introduction to Tissue-Biomaterial Interactions*), co-edited a book (*Biological Interactions on Material Surfaces: Understanding and Controlling Protein, Cell and Tissue Responses*), and authored/co-authored over 100 scientific publications and book chapters. She has given numerous presentations at scientific conferences and invited seminars/lectures in academic institutions and industry. She has also organized and/or co-chaired numerous symposia and sessions at national/international scientific conferences. Dr. Bizios is a member of many professional societies. She has been an active participant (and held elected officer positions) in the *Society for Biomaterials*, the *Biomedical Engineering Society*, the *American Institute of Chemical Engineers*, and the *American Institute of Medical and Biological Engineers*. She is a member of the editorial board of the *Journal of Biomedical Materials Research (Part A)*. She has participated in various NIH Study (and chaired some) Sections, NSF Review Panels, and similar national-level scientific committees. She has also served on numerous departmental, College of Engineering and University Committees.

Peer-recognition of Dr. Bizios' contributions to teaching/mentoring and accomplishments in research is reflected by her several pertinent awards which include: the *Outstanding Alumna in Engineering Award* of the Society of Women Engineers, College of Engineering, University of Massachusetts, Amherst, MA (1985); the *Rensselaer Alumni Association Teaching Award*, Rensselaer Polytechnic Institute (1997); the *Clemson Award for Outstanding Contributions to Literature* (the Scientific Literature of Biomaterials) from the Society for Biomaterials (1998); the *Distinguished Scientist Award* from the Houston Society for Engineering in Medicine and Biology (2009); and the *Women's Initiatives Mentorship Excellence Award* from the American Institute of Chemical Engineers (2010). She is Fellow of the American Institute for Medical and Biological Engineering, the International Union of Societies for Biomaterials Sciences and Engineering, the Biomedical Engineering Society, the American Institute of Chemical Engineers and of the American Association for the Advancement of Science.