



## **Raphael C. Lee, MD, ScD, DSc**

Life Fellow, IEEE (EMBS)

Dr. Lee is a Reconstructive trauma Surgeon and a bioengineer working in the Chicago, Illinois area and is an co-founder of the Chicago Electrical Trauma Rehabilitation Institute (CETRI). At the University of Chicago, he serves as the Paul S. and Allene T. Russell Distinguished Service Professor Emeritus, Fellow of The Institute for Molecular Engineering, and a Bucksbaum Senior Clinical Scholar (University of Chicago). After receiving doctoral degrees in medicine and science, he served on the faculties of Harvard University, M.I.T. and the University of Chicago. He is also the co-chair of the Global Engagement Committee of the American College of Surgeons.

His academic interests have been directed toward understanding the molecular mechanics of tissue injury and developing therapeutics that enhance cell and tissue stress tolerance. Dr. Lee's research has resulted to more than 30 patents. Regularly listed as a "Top Surgeons" by US News and several American agencies Dr. Lee has received more than 30 professional awards including being named an American College of Surgeons Schering Scholar (1978), MacArthur Prize Fellow (1981), a Searle Scholar (1985), and a Bucksbaum Institute Senior Clinical Scholar. He is a Fellow of the American Association of Plastic Surgeons (AAPS), Institute for Electrical and Electronics Engineers, Biomedical Engineering Society, American Institute for Medical and Biological Engineering (AIMBE), American Surgical Association, the American Association for the Advancement of Science. He has been elected to the National Academy of Engineering (USA), the Institute of Medicine of Chicago, the International Academy of Medical and Biological Engineering (IAMBE) and the American Academy of Arts and Sciences.

Notable awards include: the James Barrett Brown Award (AAPS) for "advancing knowledge in the field of Plastic Surgery"; The American Electrical Power Association Award for "Advancing Electrical Safety and Health"; and AIMBE's Pierre Galletti Award for advancing the field of biomedical engineering. Dr. Lee has also been named "distinguished alumnus" by three universities and has served on the NIH's advisory council. Dr. Lee has served as President of: The Society for Physical Regulation in Biology and Medicine; the Drexel 100; Mid-western Association of Plastic Surgeons, and American Institute for Medical and Biological Engineering. He has been Trustee of two universities and has served on the board of several corporations and the Carle-Illinois School of Medicine. His laboratory, consistently funded for 30 years, attracted more than \$32 million in research grants. He has authored and co-authored more than 225 journal articles and 4 books.