

Saha elected president of national society for biomaterials

1/23/04

Dr. Subrata Saha, professor of biomedical materials engineering science (BMES) in the School of Engineering at Alfred University, was elected the president of the Society for Physical Regulation in Biology and Medicine (SPRBM) at the 22nd annual meeting of SPRBM, held in San Antonio earlier this month. Saha served as the president-elect of this society for last two years. The society was formed in 1980 in response to increasing interest in the bioelectrical properties of cells and tissues, and the role of bioelectrical interactions in growth, repair and adaptation. The society continues to be unique in that engineers, biologists, physical scientists, physicians, surgeons, and members of industry are well represented in the goal to understand how physical processes regulate cell and tissue activity, and how this understanding can be applied to benefit medicine. Alfred University began offering a master's degree in biomedical materials science engineering five years ago, and added a Ph.D. degree in materials science, with a concentration in biomedical materials two years later. In 2003, the State Education Department approved Alfred University's baccalaureate program in BMES. The program is the first in the nation to focus on the development of materials for biomedical applications. Saha joined the AU School of Engineering faculty in 2001. Saha received a B.S in civil engineering from Calcutta University in 1963, M.S in engineering mechanics in 1969 from Tennessee Technological University and Ph.D in applied mechanics from Stanford University in 1973. Prior to coming to Alfred University's School of Engineering, he was a faculty member at Yale University, Louisiana State University Medical Center, Loma Linda University and Clemson University. He was also a visiting professor at University of California, Riverside, for one year. Saha has received several awards including Orthopedic Implant Award, Researcher of the Year award, C. William Hall Research Award in Biomedical Engineering, Award for Faculty Excellence, Research Career Development Award and Engineering Achievement Award. He is a fellow of AIMBE and ASME. Saha has published 85 papers in journals, numerous book chapters, 330 papers in conference proceedings, and over 40 abstracts. His research interests are bone mechanics, biomaterials, orthopedic and dental implants, drug delivery systems, rehabilitation engineering and bioethics. Additional information about Alfred University's biomedical materials engineering science program may be obtained by visiting AU's website: <http://bmes.alfred.edu> Further information regarding the society can be obtained from www.SPRBM.org.