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**BIO**

Buddy D. Ratner is Director of the University of Washington Engineered Biomaterials (UWEB21) Engineering Research Center. He holds the Michael L. and Myrna Darland Endowed Chair in Technology Commercialization and is Professor of Bioengineering and Chemical Engineering, University of Washington.

Buddy received his Ph.D. (1972) in Polymer Chemistry from the Polytechnic Institute of Brooklyn. He has been at the University of Washington since 1972. From 1985-1996, he directed the National Institutes of Health-funded National ESCA and Surface Analysis Center for Biomedical Problems. In 1996, he assumed the directorship of UWEB (now UWEB21). His interests include biomaterials, tissue engineering, polymers, biocompatibility, drug delivery, surface analysis, self-assembly, nanobiotechnology, RF-plasma thin film deposition, technology commercialization and biomaterials education. He has participated in the launch of six companies based on technologies from his laboratory, and serves as a consultant for numerous other companies.

Ratner is a fellow of the American Institute of Medical and Biological Engineering (AIMBE), the AVS (formerly the American Vacuum Society), the American Association for the Advancement of Science, the Biomedical Engineering Society (BMES), the American Chemical Society (ACS) and the International College of Fellows Biomaterials Science and Engineering. He is a past president of the Society for Biomaterials. He served as president of AIMBE (2002-2003). In 2003 he was elected President of the Tissue Engineering Society of North America. In 2002, Ratner was elected a member of the National Academy of Engineering, USA. He serves on the National Advisory Council of the National Institute of Bioimaging and Bioengineering, NIH (2009-2013).

Ratner has won numerous awards. A partial list includes the Medard W. Welch Award of the American Vacuum Society (2002), Founders Award of the Society for Biomaterials (2004), C. William Hall Award from the Society for Biomaterials (2006), the BMES Pritzker Distinguished Lecturer Award (2008), the Acta Biomaterialia gold medal (2009), the University of Washington Faculty Lecture (2011) and the Pierre Galletti Award from the American Institute of Medical and Biological Engineering (2011)

He has authored over 400 scholarly works and has over 20 issued patents. He is Editor of the *Journal of Undergraduate Research in BioEngineering*, on the advisory board of *Biointerphases* and serves on the editorial boards of ten other journals. He is the lead editor for *Biomaterials Science: An Introduction to Materials in Medicine*, a textbook that has sold over 25,000 copies.

<http://www.uweb.engr.washington.edu>