



# FASEB

Federation of American Societies  
for Experimental Biology



## Scott I. Simon, PhD

*FASEB Board of Directors*

*Immediate Past Vice President for Science Policy*

Scott Simon received his B.S., M.S., and Ph.D. in Biomedical Engineering from the University of California, San Diego completing his degrees in 1988. Postdoctoral training in Immunology and Inflammation Biology was initiated at the Scripps Research Institute, La Jolla, CA, and completed at the University of New Mexico and the National Flow Cytometry Resource at Los Alamos National Laboratory in 1990. He then joined the faculty at Rice University and Baylor College of Medicine's Section of Leukocyte Biology, Dept. of Pediatrics in Houston, TX, where he remained for 7 years and earned an Established Investigator Award from the American Heart Association. Scott has a lengthy record of progressive leadership and service to biomedical engineering research and education and the biomedical engineering profession. He was recruited as a founding faculty in Biomedical Engineering at UC Davis in 1999, and rose to the rank of full Professor in 2002. He served as Vice Chair of the department for four years and is currently Deputy Editor of the Annals of Biomedical Engineering. He was elected a Fellow of the American Institute for Medical and Biological Engineering (AIMBE) in 2005 and a Fellow of the Biomedical Engineering Society (BMES) in 2010. He served on the Board of Directors of BMES (2004-2007), Chair Affiliations Committee (2005-2010), Chair Awards Committee (2010-2013). He was appointed to the Board of Directors of FASEB in 2013 and elected to the Public Affairs Committee in 2014.

Scott has a longstanding interest in the mechanisms governing leukocyte adhesion and signaling underlying inflammatory diseases. His work focuses on white blood cell recruitment in cardiovascular and infectious diseases. His group has investigated how selectins, integrins, and ICAM receptors mediate leukocyte capture in fluid shear of blood flow and developed novel microfluidic vascular mimetic lab-on-a-chip diagnostics for assessing biomarkers that predict the onset of inflammatory diseases. His professional contributions also include membership on two National Institutes of Health study sections including Bioengineering, Technology and Surgical Sciences and Musculo-skeletal Tissue Engineering and for the National Science Foundation.

July 2016

