

Alan H. Stephenson, Ph.D.

Present Position: Professor of Pharmacological and Physiological Science, Saint Louis University School of Medicine, St. Louis, Missouri, Chair of the Saint Louis University IACUC.

Education: Doctor of Philosophy - Pharmacology, 1985, Saint Louis University, St. Louis, MO, Master of Science - Zoology (Comparative Physiology), 1974, University of Wisconsin - Milwaukee, Milwaukee, WI, Bachelor of Science - Biology/Chemistry, 1971, Carroll College, Waukesha, WI

Professional Societies: The Scientific Research Society of Sigma Xi (1987-present), American Society for Pharmacology and Experimental Therapeutics (1994-present), The Microcirculatory Society (1995-present), American Physiological Society (1997-present), American Heart Association, Council on High Blood Pressure Research (1998-present)

Honors and Awards: Phi Kappa Phi (1974), Outstanding Young Investigator, Wisconsin Alumni Research Foundation Predoctoral Fellowship, University of Wisconsin (1973-1974), Postdoctoral Fellowship, Research Associate, Saint Louis University Department of Medicine (1985-1986), Fellow of the AHA Council on High Blood Pressure Research (2002).

National Funding (Current): NIH-NHLBI R33 HL089094: "Microvascular O₂ Delivery: Impact of Erythrocyte-Released ATP" (08/03/07 – present, co-PI).

Editorial Boards: American Journal of Physiology-Regulatory, Integrative and Comparative Physiology (2011 -present), The ScientificWorldJOURNAL (2011-present).

Grant Review: American Heart Association: Lung, Resuscitation and Respiration Study Group (2002-2005), American Heart Association: Lung, Resuscitation and Respiration Study Group (2007-2010), NIH – Vascular Cell and Molecular Biology Study Section (VCMB) – Ad hoc (2004, 2009), NIH – Hypertension & Microcirculation (HM) – Ad hoc (2009 – present), NIH Challenge Grants in Health and Science Research, part of the American Recovery and Reinvestment Act of 2009 – Vascular Cell and Molecular Biology Study Section.

Peer Review: Microcirculation, American Journal of Physiology (Multiple divisions), American Journal of Respiratory and Critical Care Medicine, Biochemical Pharmacology, Experimental Biology and Medicine, Hypertension, Journal of Applied Physiology, Journal of Lipid Research, Journal of Pharmacology and Experimental Therapeutics, Pharmacology Research, Journal of Neurochemistry, The ScientificWorldJOURNAL

Current Research Interests: Mechanisms that influence erythrocyte ATP release, erythrocyte-endothelium interactions, Integration of multiscale modeling with intracellular signaling mechanisms.

Personal Statement: I have benefited greatly from the programming, networking and trainee support provided by the Microcirculatory Society during my sixteen years of membership in the MCS. Although I do not have experience handling the financial affairs of a national scientific society, I have managed research grants and as a trustee of my subdivision, I have successfully managed all of its business transactions and financial reports for the past several years. If elected treasurer, I will handle the finances of the MCS responsibly according to the MCS bylaws.