Norman R Harris, PhD

Present position: Professor, Department of Molecular & Cellular Physiology, LSU Health Sciences Center in Shreveport.

Education: BS (1987) in Chemical Engineering from Tennessee Tech University; MS (1989) and PhD (1991) in Biomedical Engineering from Vanderbilt University.

Professional Societies: American Physiological Society (1995-present); American Diabetes Association (20032004; 2006-present); Biomedical Engineering Society (1998-2004); Microcirculatory Society (1995-present).

National Funding: NIH R29 FIRST Award (1996-2000) "Ischemia-reperfusion-induced capillary filtration"; NIH Pilot Research R03 Award (1999-2000) "Control of capillary perfusion in aging"; Whitaker Foundation Research Grant; (2000-2003) "Modeling of arterio-venous control of capillary filtration", AHA (2001-2004) "Age-dependent ischemia-reperfusion injury", NASA Research Award (2002-2006) "Microgravity effects on transvascular transport and vascular control" (NR Harris co-PI); JDRF Research Award (2003-2006) "Venular control of capillary flow in diabetes"; Crohn's and Colitis Foundation of America (2006-2007) "Microvascular flow in inflammatory bowel disease"; NIH Program Project Grant (Project 2; 2007-2012) "Role of the microcirculation in intestinal inflammation"; NIH R01(2007-2011) "Venular control of retinal blood flow".

Grant Review: American Institute of Biological Sciences (Kansas UMC), 2004, 2006, 2007; Oklahoma Center for the Advancement of Science and Technology, 2006-present; NIH Atherosclerosis and Inflammation of the Cardiovascular System Study Section, February 2007; NIH Hypertension and Microcirculation Study Section, March 2008; AHA, April 2008; NIH NHLBI Mentored Scientist Awards, March 2009; NIH Special Emphasis Panel: Immunomodulatory, Inflammatory, and Vasoregulatory Properties of Transfused Red Blood Cell Units as a Function of Preparation and Storage (R01), June 2009; Medical Research Council, United Kingdom, September 2009; NIH Hypertension and Microcirculation Study Section, September 2009.

Peer Review: AJP Heart and Circulatory Physiology; AJP Gastrointestinal and Liver Physiology; Clinical and Experimental Metastasis; Clinical and Experimental Pharmacology and Physiology; Clinical Science; Experimental Eye Research; Free Radical Biology & Medicine; Gastroenterology; General Pharmacology; Inflammation Research; Inflammatory Bowel Diseases; Investigative Ophthalmology and Visual Sciences; Journal of Biomechanical Engineering; Journal of Vascular Research; Life Sciences; Microcirculation; Microvascular Research; Pathophysiology.

Current Research Interests: The effect on, and/or the role of, the microcirculation in inflammatory diseases, specifically in diabetic retinopathy and inflammatory bowel disease.

Personal Statement: I have been a member of the Microcirculatory Society since 1995, and have been the beneficiary of years of MCS interactions at the annual society conferences. I have served the MCS on its Nominating Committee (2001-2004) and Awards Committee (2006-2009), with the role of Awards Committee Chair in 2008-2009. I am willing to continue to serve the MCS, with my hope that the MCS will continue to influence young investigators as it did me.