

Erika M Boerman, PhD

Academic and Professional Honors:

2016: American Physiological Society Caroline tum Suden Award
2016: Microcirculatory Society Pappenheimer Award
2013: American Physiological Society Caroline tum Suden Award
2011: Scholarship for the 10th International Symposium on Resistance Arteries
2011: Microcirculatory Society Pappenheimer Award
2009: Society for Experimental Biology and Medicine Young Investigator Award
2009: American Society for Pharmacology & Experimental Therapeutics Travel Award
2009: Scholarship for Keystone Symposium J8, Dissecting the Vasculature
2009: Microcirculatory Society Zweifach Award
2008: Microcirculatory Society Zweifach Award
2008: American Physiological Society Cardiovascular Research Award
2009: American Physiological Society Cardiovascular Research Award

Present Position: Assistant Professor, Department of Medical Pharmacology and Physiology, University of Missouri, Columbia (2017-present)

Education: B.S. Human Physiology, Lyman Briggs School, Michigan State University (2005); Ph.D., Pharmacology and Toxicology, Michigan State University (2011); Postdoctoral training in vascular physiology, University of Missouri

Current Funding: NIH/NHLBI R00HL129196 (2017-2020) Role of perivascular nerves and vascular dysfunction in inflammatory bowel disease

Peer Review: Microcirculation, Aging Cell, Journal of Vascular Research, Frontiers in Physiology, Physiological Genomics

Professional Societies: Microcirculatory Society, American Physiological Society

Professional Activities: American Physiological Society Cardiovascular Section Awards Committee (2018-present), Microcirculatory Society Website Committee (2013-2014), American Physiological Society Awards Committee (2009-2011), MSU Lyman Briggs College Alumni Association Board of Directors (2008-2010)

Current Research Interests: perivascular nerves, Inflammatory Bowel Disease, adventitial inflammation, mesenteric arterial dysfunction

Personal Statement: My involvement in the Microcirculatory Society began at my first Experimental Biology Meeting as a graduate student in 2007. The society has since provided me the opportunity to present posters, give talks, win travel awards, serve on committees, and discuss my research with many incredible scientists. The connections I made through MCS were critical in helping me develop the skills and ideas needed to move my research in to an area independent of my mentors. I am excited for the opportunity to serve the Society in a more meaningful way. My goal is to continue and expand the tradition of fostering the careers of trainee and early career scientists through awards, society activities and participation in the journal. Integrating new groups of researchers will add research depth to MCS and assure its continued success in helping the next generation of young scientists.