Brant Isakson, Ph.D.

Present Position: Assistant Professor of Molecular Physiology and Biological Physics and Resident Faculty of Robert M. Berne Cardiovascular Research Center, University of Virginia School of Medicine.

Education: Post-doctoral Fellowship, University of Virginia School of Medicine; PhD, University of Wyoming (Zoology and Physiology; 2003), BA, Gustavus Adolphus College (Biology/History; 1998)

Professional Societies: Microcirculatory Society (Communications (Chair) and Publication Committees); APS (Fellowship Committee); NAVBO; American Society for Cell Biology

Honors and Awards: APS CV Section Young Investigator Award (2009); Bristol Myers Squibb Young Investigator Award (APS CV Section, 2007); Microcirculatory Society Travel Award for Outstanding Young Investigators (2005); Norton B Gilula Fellowship, International Gap Junction Conference (2005); George Menkins Outstanding Graduate Thesis (University of Wyoming, 2002); Paul Magnason Leadership Award (Gustavus Adolphus College, 1998)

National Funding: NHLBI-HL088554 (PI-Active); AHA Scientist Development Grant (PI-Active); AHA Beginning Grant-in-Aid (PI-Completed)

Editorial Boards: Microcirculatory Society (2010-2015)

Grant Review: American Heart Association: Cardiac Cell Function and Regulation (2008present); British Diabetes Association (2008)

Peer Review: *Microcirculation; Circulation Research; Arteriosclerosis, Thrombosis, Vascular Biology; American Journal of Physiology; Cell Calcium; Journal of Biological Chemistry; Journal of Cell Science; Journal of Applied Physiology*

Current Research Interests: Heterocellular communication in the microcirculation, post-translational modification of proteins

Personal Statement: I am honored to have been nominated for a Councilor position in the Microcirculatory Society. I am indebted to the Society for it's work in progressing my career, and would like to see the Society expand this opportunity to others with an expanded program for new investigators while at the same time reaching down to the undergraduate level. I would also like to see an intensive focus on recruiting and retaining a broad range of scientists (molecular to whole animal, physician to basic scientist) who work in the microcirculation that I believe would further enrich our scientific diversity.