Trevor Cardinal, Ph.D.

Present Position: Assistant Professor, Biomedical Engineering Department, California Polytechnic State University, San Luis Obispo, California.

Education: B.S. in Kinesiology, California Polytechnic State University (1999-2003); PhD in Physiological Sciences, University of Arizona (2003-2007).

Professional Societies: The Microcirculatory Society (Communications Committee member 2008-present), American Physiological Society, Biomedical Engineering Society, American Heart Association.

Funding: ONR – The genomics of injury repair.

Honors and Awards –Travel support to the Mathematical Biosciences Institute workshop on Microcirculation Modeling (2007), Herbert E. Carter travel award for Interdisciplinary Programs (2005), Participant in the California State University Chancellor's Doctoral Incentive Program (2005).

Grant Review – none

Peer Review – none

Previous Administrative Experience –Department of Kinesiology Student Fee Allocation Committee (2002-2003), College of Science and Math Student Fee Allocation Committee (20022003), Vice Chair of Big West Conference Student Athlete Advisory Committee (SAAC) (20022003), President of Cal Poly SAAC (2002-2003), Big West Conference SAAC representative (2001-2003), Chairperson of Cal Poly SAAC (2000-2002), Cal Poly SAAC- Men's Swimming (1999-2003).

Current Research Interests: 1) The impact of chronic ischemia on collateral artery vascular reactivity and blood flow control. 2) Remodeling of microvascular network architecture following chronic ischemia.

Personal Statement: The Microcirculatory Society is by-far my favorite academic society- the science & medicine performed by its members is of substantial impact and the group is of sufficient size and cohesion to allow for intimate and productive meetings. Further, I eagerly support the manner in which our society has involved trainees and promoted interaction/collaboration with non-members. Given my strong identification with the society and its mission, I am eager to help bolster its benefits and rectify its short-comings through service, as evidenced by my regular contribution to the web-site redevelopment. As a member of the council, I could provide a fairly unique perspective on the society's goals and operations, as I am a young faculty member who maintains an active research program at a primarily undergraduate institution. If elected to council, I would use my organizational skills and experience in student-based councils to promote continued society meetings outside of EB and improve the visibility and reach of our society.