

## Zweifach Graduate Student Travel Awards 2010

1. Ms Shaquira Adderley (mentor: Dr. Randy Sprague, St. Louis University) *EPACs Inhibit ATP Release from Human Erythrocytes (RBCs) in Response to Activation of GPCRs possibly via Activation of PKC.*
2. Mr. Matthew Durand (mentor: Dr. Julian Lombard, Medical College of Wisconsin) *Introgression of the Brown Norway Renin Gene onto the Dahl Salt Sensitive Genetic Background Restores Endothelium-Dependent Vascular Relaxation by Reducing Oxidative Stress in the Cerebral Vasculature*
3. Ms. Katie Heberlein (mentor: Dr. Brant Isakson, University of Virginia School of Medicine) *The potential for localized translation and induction of plasminogen activator inhibitor-1 at the myoendothelial junction in response to TNF-alpha*
4. Ms. Paulina Kowalewska (mentor: Dr. Alison Fox-Robichaud, McMaster University) *Response of the Murine Urinary Bladder Microcirculation to Lipopolysaccharide from Escherichia coli and Pseudomonas aeruginosa*
5. Ms. Erica Lange (mentor: Dr. William Jackson, Michigan State University) *Differences in expression and function of ryanodine receptors between arteries and arterioles in the mouse*
6. Ms. Yingying Mao (mentor: Dr. Satya Kunapuli, Temple University) *PAR4 Deficiency Inhibits Microvascular Inflammation after Cerebral Ischemia/Reperfusion Injury*
7. Ms. Nicole Novielli (mentor: Dr. Dwayne Jackson, University of Western Ontario) *Sympathetic modulation of baseline hindlimb blood flow and vascular conductance in a model of prediabetes using young Zucker Diabetic Fatty rats*
8. Ms. Melissa Riddle (mentor: Dr. Benjimen Walker, University of New Mexico) *Enhanced calcium sensitivity of endothelial calcium-activated large conductance potassium channels*
9. Mr. Joshua Scallan (mentor: Dr. Virginia Huxley, University of Missouri-Columbia Medical School) *Collecting lymphatic vessel permeability response to atrial natriuretic peptide*
10. Mr. Xueping Zhou (mentor: Dr. Pingnian He, West Virginia University) *Cellular Mechanisms of Hydrogen Peroxide (H<sub>2</sub>O<sub>2</sub>)-induced Permeability Increases in Intact Venules: Role of H<sub>2</sub>O<sub>2</sub>-induced Ca<sup>2+</sup>-independent Nitric Oxide (NO) Production in Endothelial Cells*