



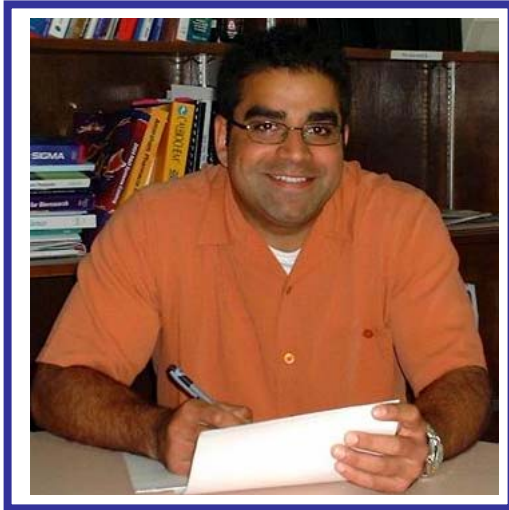
The University of Western Ontario

*Department of Medical Biophysics*

*Learning Through Research*



Schulich  
MEDICINE & DENTISTRY



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I am currently seeking applications for graduate students to join my lab at the Centre for Critical Illness Research at the Lawson Health Research Institute.

My laboratory is a joint venture between the Departments of Surgery and Medical Biophysics and is set up to study the inflammatory and microvascular components of various clinical diseases and trauma. Through the use of intravital video microscopy and supporting molecular techniques such as immunohistochemistry, western blotting and enzyme activity assays, we aim to determine the mechanisms of the pathophysiology and test novel treatment protocols.

Along with this basic science component, I also study the microcirculation in various human models of trauma and disease. As such, the combination of animal models and human models puts us at the cusp of translational research in this field.

The specific project that I require a graduate student for would be to study an animal model of human trauma. This project will be co-supervised by Dr. David Sanders, an Orthopaedic Surgeon also appointed in the Department of Medical Biophysics.

If you are interested in joining my laboratory, please feel free to contact me to discuss this possibility.