



**HEART & STROKE / RICHARD LEWAR  
CENTRE OF EXCELLENCE  
Annual Cardiovascular Scientific Day  
Thursday, April 21 2011  
8:30 a.m. - 4:30 p.m.**

Isabel Bader Theatre, 93 Charles St. W, Toronto  
Victoria University

**Program**

**Cardiovascular Imaging: Seeing the Future**

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| 7:30 am to 8:30 am                                  | Registration, continental breakfast, poster set-up   |
| 8:30 am to 8:45 am                                  | <b>Welcome and Opening Remarks</b><br>David Sculthorpe, CEO HSFO, Dr. Avrum Gotlib, and<br>Dr. Mansoor Husain  |
| <b>Symposium:</b>                                   | <i>Looking Beyond the Angiogram</i>  |
| <i>Chair: Dr. Mansoor Husain</i><br>8:45 – 9:30am   | <b>Heart &amp; Stroke Keynote Lecture</b><br>Gary Lopaschuk, PhD<br>Scientific Director, Mazankowski Alberta Heart Institute<br><i>Treating Heart Failure by Optimizing Cardiac Energy<br/>Metabolism</i><br>Q&A 20 min  |
| <i>Chair: Dr. Narinder Paul</i><br>9:30am – 10:00am | Craig Simmons PhD<br>Associate Professor<br>Mechanical & Industrial Engineering, Dentistry, and<br>Institute of Biomaterials and Biomedical Engineering<br>Biomaterials, University of Toronto<br><i>Mechanics-Based Insights into Aortic Valve Pathobiology</i><br>Q&A 10 min |
| 10:00am – 10:45am                                   | <b>Refreshment Break, Poster Viewing &amp; Discussion</b>  |
| 10:45am – 11:15am                                   | Charles Cunningham PhD<br>Assistant Professor, University of Toronto, Sunnybrook<br>Health Sciences Centre<br><i>Metabolic Imaging in the Heart using Hyperpolarized <sup>13</sup>C</i><br>Q&A 10 min  |

