

## Part III: MRI for Cardiac Applications

Over the past several decades, *Magnetic Resonance Imaging* (MRI) has become an essential modality in Canadian health care to detect and diagnose a variety of diseases, as well as to monitor response to therapy.

Please join us on **Monday June 11th** at the **University of Toronto Mississauga** for the third seminar in our three part imaging series as Dr. Graham A. Wright presents 'MRI for Cardiac Applications'.

Topics to be explored in this final seminar will include the following topics:

- development of MRI for the assessment and treatment of cardiovascular diseases
- novel MR angiography methods
- MR methods for characterizing myocardial function
- development of real-time interactive MRI applied to treatment guidance

**Date:** Monday June 11, 2007

**Time:** 6:00pm - 6:30pm

- Registration and Networking

6:30pm–8:00pm

- Presentation 'MRI for Cardiac Applications'
- Open Discussion
- Networking

*refreshments & hors d'oeuvres will be provided*

**Location:** University of Toronto Mississauga—Faculty Club (South Building-Room 3140)  
3359 Mississauga Road North, Mississauga ON L5L 1C6  
For maps and directions, please visit <http://www.utm.utoronto.ca/1647.0.html>  
*complimentary parking with registration*

**To register, please e-mail [bcip@utm.utoronto.ca](mailto:bcip@utm.utoronto.ca).**

**Please note that this is a free event but participation is limited to the size of the venue.**

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## Part III: MRI for Cardiac Applications

### Speaker

**Graham A. Wright, Ph.D.**

Professor, Department of Medical Biophysics, University of Toronto  
Research Director, Schulich Heart Program, Sunnybrook Health Sciences Centre



Graham Wright completed his PhD at Stanford in 1991. Under his direction the Schulich Heart Program has seen a major expansion, with emphases in imaging, minimally invasive interventions, and outcomes research. He led the establishment of the Imaging Research Centre for Cardiac Intervention (a core facility of the Schulich Program focused on image-guided treatment of arrhythmias, occlusive vascular disease, and heart failure) and the recruitment of 6 basic, clinical, and commercial scientists involved in this effort. He serves on the coordinating committees of the Cardiovascular Sciences Collaborative Program and the Heart and Stroke Richard Lewar Centre of Excellence, the primary foci for cardiovascular sciences education and research respectively at U Toronto and is a Scholar in the McLaughlin Centre for Molecular Medicine.

He chairs the Ontario Consortium for Cardiac Imaging and is on the Executive Board of the International MR Angio Club. Recently, he also led a National Frontiers Program Consensus Conference on translating innovations in cardiovascular imaging toward clinical application.

Dr. Wright's research focus is the development of imaging tools, particularly MRI, for assessment and treatment of cardiovascular diseases. He is recognized as a pioneer in novel MR angiography methods and MR methods for characterizing myocardial function, notably oxygen state and has played a major role in the development of real-time interactive MRI applied to treatment guidance. Together with trainees and collaborators he has published more than 65 journal papers and 200 conference abstracts which have garnered numerous awards and holds 12 patents in these areas. In the past 5 years he has given more than 20 invited lectures. For this work, he has received substantial peer-reviewed infrastructure and operating grants funding. He currently holds two CIHR operating grants and leads a CIHR Team grant in Occlusive Vascular Disease.

To register, please e-mail [bcip@utm.utoronto.ca](mailto:bcip@utm.utoronto.ca). Space is limited.

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