

**THE SIXTH M. DARIA HAUST VISITING LECTURER**

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**DR. MICHAEL F. ALLARD, MD, FRCPC**

Professor and Head, Department of Pathology and Laboratory Medicine, The University of British Columbia

**“Metabolic phenotype of the hypertrophied heart”**

Tuesday, May 15, 2012

4:00 pm

Richardson Amphitheatre, Richardson Laboratory  
Queen's University

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Dr. M. Daria Haust Lectureship Fund and the Department of Pathology and Molecular Medicine,  
Queen's University

## **Dr. Michael Allard**

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Dr. Allard was born and raised in Vancouver and attended the University of British Columbia (UBC) where he obtained a BSc in Biology in 1978 and an MD in 1981. Following a Rotating Internship at St. Michael's Hospital in Toronto, he returned to UBC for post-graduate clinical training in anatomic pathology that included training in renal pathology at St. Thomas' Hospital in London, England and a pulmonary research fellowship with Dr. James Hogg in the UBC Pulmonary Research Laboratory from 1985 to 1987. Subsequently, he undertook cardiovascular research training at the University of Alabama at Birmingham with Dr. Sanford Bishop and Dr. Peter Anderson, returning to UBC as an Assistant Professor in 1990. Dr. Allard is now a Professor of Pathology and Laboratory Medicine at UBC, and is currently the Head of the UBC Department. He is also a Clinician Scientist at St. Paul's Hospital in Vancouver where he is a Cardiovascular Pathologist and a Principal Investigator in the James Hogg Research Centre. Since his arrival, he has served as the Director of the Cardiovascular and Pulmonary Biobank and Director of the Genetically Engineered Model Facility, both in the James Hogg Research Centre. He continues to act as the Chair of the Library Advisory Committee at St. Paul's Hospital, a position he's held since 1999.

Dr. Allard's research program, which is built upon the foundation of work he began as a fellow with Drs. Bishop and Anderson, focuses on adaptation of the heart to physiological states, such as endurance exercise, and pathological processes, such as hypertension, that result in cardiac hypertrophy. He is particularly interested in how substrate use by the heart is altered under these conditions and how changes in substrate use influence heart function. A major recent focus of his research has been delineation of the cellular and molecular mechanisms that account for the alterations in substrate use by the hypertrophied heart. Dr. Allard has published nearly 100 research articles, book chapters, and reviews in his fields of study and his research program has been supported by operational and salary support from disease specific and national funding agencies. Dr. Allard is also actively involved in undergraduate, graduate, and post-graduate educational programs at UBC and currently serves as Co-Director of a graduate level course on cardiovascular physiology and pathophysiology.

## **Dr. M. Daria Haust**

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M. Daria Haust was born in Poland, and graduated summa cum laude from the medical school of Heidelberg University in 1951. After emigrating to Canada with her husband in 1952, she entered a rotating internship at the Kingston General Hospital. She undertook a year of atherosclerosis research with Dr. Robert More and then enrolled in the General Pathology residency program at Queen's. In 1959, she achieved specialty certification from the Royal College of Physicians and Surgeons of Canada and also obtained an MSc-degree from Queen's. Following a postdoctoral fellowship in pediatric pathology with Dr. Benjamin Landing at the Cincinnati Children's Hospital, Dr. Haust joined the Faculty at Queen's in 1960. She successfully nurtured two sons, embarked on a career in experimental atherosclerosis and pediatric pathology and, in 1967, moved to the University of Western Ontario where she remains active as Professor Emeritus.

Dr. Haust has had a distinguished career in basic research in several areas including atherosclerosis, the process of elastogenesis, and the pathogenesis of several genetic diseases. She is a highly regarded educator and has played important roles in the establishment of national and international scientific societies, serving either as President, Secretary-Treasurer or as a member of the Council. She has also served on a number of Editorial Boards of scientific journals and has been invited to lecture around the globe on countless occasions. Her scientific contributions have been honoured by a multiplicity of distinctions (e.g., the Canada Council Killam Prize in Medicine; Gold Medal Award from the International Atherosclerosis Society; Honorary membership of the Academy of Sciences of Heidelberg; Best Teacher Awards at the University of Western Ontario; the William Boyd Lectureship of the Canadian Association of Pathology; the Andreas Vesalius Medal by the University of Padua; Honorary Professorship of Medicine from the University of Chile, and many others). Dr. Haust's biography as one of the Founders of Pediatric Pathology appeared in 2001, and a Festschrift in her honour, with contributions from 14 international scientists, was published in a scientific journal in 2002. In 2004, she received the Distinguished Pathologist Award from the US/Canadian Academy of Pathology. Of the educational and research fellowships and awards named in her honour, that established in 2006 by the CSATVB (formerly: Canadian Atherosclerosis Society) has a special meaning for her as the annual competition for the "Daria Haust Research Award" will be "open only to female members of that Society who are in their first ten years of a faculty appointment". She is the recipient of honorary degrees in medicine from three mediaeval Universities (Jagiellonian University, Krakow; Charles University, Prague; Havana University, Havana). In 2007, Dr. Haust's extraordinary career culminated with her being named an Officer of the Order of Canada.

Through this lectureship the Department honours Daria Haust's scholarly achievements, her contributions to her profession, and her continuing passionate devotion to our Department and to Queen's University.

## Previous Haust Lecturers

- 2001 Kurt Benirschke, Emeritus Professor of Pathology and Reproductive Medicine, University Medical Center, San Diego, California
- 2003 Luc Oigny, Pediatric and Molecular Pathologist, Department of Pathology and Cellular Biology, Université de Montréal and Hôpital Sainte-Justine, Montréal, Québec
- 2005 Timothy Triche, Professor of Pathology and Pediatrics at the University of Southern California, and Head, Department of Pathology, Childrens Hospital Los Angeles, Los Angeles, California
- 2007 Peter Davies, Robinette Foundation Professor of Cardiovascular Medicine, is Professor of Pathology and Laboratory Medicine, Professor of Bioengineering, and Director of the Institute for Medicine and Engineering (IME) at the University of Pennsylvania
- 2010 Michael Gimbrone, Chairman, Department of Pathology, Brigham and Women's Hospital, Ramzi S. Cotran Professor of Pathology, Director, Center for Excellence in Vascular Biology (Brigham & Women's Hospital), Director, Vascular Research Division