

## Philip Witche Research Fellowship in Paediatric Heart Failure

The Cardiology and Heart Function Service of The Labatt Family Heart Centre, The Hospital for Sick Children, and the University of Toronto, are pleased to offer a funded research position in the field of paediatric heart failure. The fellowship has been active since 2005, and an appointment is usually held for 12 to 24 months. The position is open to applicants to begin in January 2010.

linked to this position, but in keeping with the translational nature of the research in progress, a clinical background in paediatric cardiology will be an advantage.

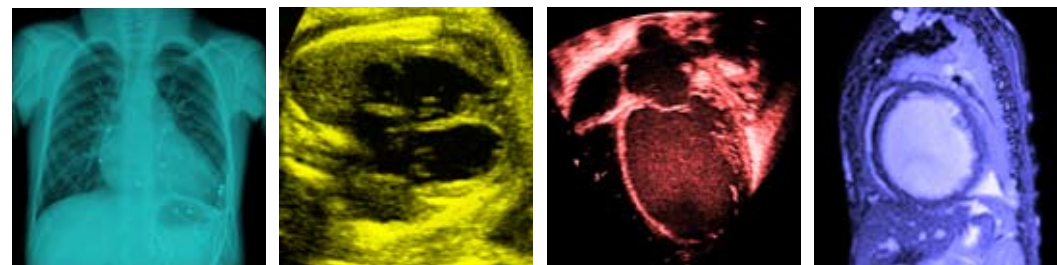
Candidates interested in pursuing this unique opportunity should forward their CV, and letter of intent to:

**Paul F. Kantor MD**

Head, Cardiomyopathy and Heart Function Service  
The Hospital for Sick Children  
555 University Avenue  
Toronto ON M5G 1X8  
CANADA

e-mail: paul.kantor@sickkids.ca

You will have the opportunity to pursue funded research projects in cardiomyopathy, heart failure and related areas of interest. You will perfect your skills in these areas, and gain valuable experience in attending clinical discussions and symposia relating to patient care. There are no primary clinical or on-call responsibilities



## THE 4TH CARDIAC SYMPOSIUM



# CONTEMPORARY QUESTIONS IN CONGENITAL HEART DISEASE HEART FAILURE AND TRANSPLANTATION

# 2009

OCTOBER 4 - 6 • WESTIN HARBOUR CASTLE

[www.sickkids.ca/Centres/heart-centre/Cardiac-symposium](http://www.sickkids.ca/Centres/heart-centre/Cardiac-symposium)



### DEAR PARTICIPANT

We are delighted to welcome you to the 4th Toronto Symposium, Contemporary Questions in Congenital Heart Disease.

After three extraordinarily successful meetings in 2005, 2006 and 2007, the topic of our 2009 meeting will be Heart Failure and Transplantation.

Once again, we have invited a world-class faculty of scientists, physicians, surgeons, and allied professionals to participate with the Toronto team in a "state of the art" conference.

The Toronto Symposium aims to be a little different from the usual medical meeting. The title of each lecture, no matter whether addressing issues of basic science or clinical management, is framed as a topical question. Consequently we expect that the answers will be of direct relevance to your practice. This meeting will be suitable for anyone working in the field of congenital heart disease, but please note that we are limited to just 250 places, and have been sold-out prior to previous meetings.

So register early to avoid disappointment!

While there are some concurrent sessions, be assured there is no need for you to miss anything. Each of the lectures will be recorded, and each participant will receive a DVD shortly after the meeting. Again, this is a little out of the ordinary, showing both a video of the lecturer in real time, and the simultaneous Power-Point presentation. An example of the format can be seen on our symposium website at [www.sickkids.ca/Centres/heart-centre/Cardiac-symposium](http://www.sickkids.ca/Centres/heart-centre/Cardiac-symposium). Copies of the DVD's from previous symposia can be purchased by e-mailing the Symposium organizer at [cardiac.symposium@sickkids.ca](mailto:cardiac.symposium@sickkids.ca).

We are looking forward to a focused, detailed, and rewarding meeting, located on Toronto's beautiful waterfront. We hope you will be able to join us.

Sincerely,  
The Toronto Team

### COURSE OBJECTIVES

To bring together experts in the field of heart failure and cardiac transplantation in children and adults.

To explore the contemporary understanding of heart development, physiology and pathophysiology in congenital and acquired heart disease.

To encourage a multidisciplinary approach to the fetal, preoperative, perioperative and late postoperative management.

### INVITED FACULTY

Dr. Robert Anderson (London, UK)

Dr. Leonard Bailey (Loma Linda, USA)

Dr. Barry Byrne (Gainesville, USA)

Dr. Jean-Claude Fouron (Montreal, Canada)

Dr. James Huhta (St. Petersburg, USA)

Dr. Steven Lipshultz (Miami, USA)

Dr. W. Robert Morrow (Little Rock, USA)

Dr. Daniel Penny (Melbourne, Australia)

Dr. Jeffrey Robbins (Cincinnati, USA)

Dr. Robert Shaddy (Philadelphia, USA)

Dr. Maully Shah (Philadelphia, USA)

Dr. Lara Shekerdemian (Melbourne, Australia)

Dr. Reeni Soni (Winnipeg, Canada)

Dr. Jeffrey Towbin (Cincinnati, USA)

Dr. Steven Webber (Pittsburgh, USA)

Dr. Gil Wernovsky (Philadelphia, USA)

# CONTEMPORARY QUESTIONS IN CONGENITAL HEART DISEASE: HEART FAILURE AND TRANSPLANTATION

# REGISTRATION FORM

## SUNDAY, OCTOBER 4, 2009

- 7:00 BREAKFAST AND REGISTRATION
- 8:00 **WELCOME**
- 8:05 **STATE OF THE ART MEDICAL LECTURE**  
Stress and the Heart: An Unfolding Story  
*Dr. Jeffrey Robbins*
- BASIC PRINCIPLES I**
- 9:00 What is the anatomy of heart failure? *Dr. Robert Anderson*
- 9:30 How do we describe the physiologic phenotype? *Dr. Daniel Penny*
- 10:00 How should we use biomarkers? *Dr. Steven Webber*
- 10:30 BREAK
- BASIC PRINCIPLES II**
- 11:00 How do we image heart failure? *Dr. Mark Friedberg*
- 11:30 What do we know about the genetics of heart failure?  
*Dr. Seema Mital*
- 12:00 Can we treat the genetic defects in dilated Cardiomyopathy?  
*Dr. Barry Byrne*
- 12:30 Can surgery cure heart failure? *Dr. Christopher Caldarone*
- 1:00 LUNCH
- BREAKOUT: GENERAL PRINCIPLES IN MANAGEMENT**
- 2:00 What is the role of the heart function nurse practitioner?  
*Ms. Judith Wilson & Ms. Kristen George*
- 2:20 Eat to your heart's content!: How do we get the calories in?  
*Ms. Louise Bannister*
- 2:40 How much exercise and rehabilitation can the patients take?  
*Dr. Brian McCrindle*
- 3:00 What do Children think about heart transplant?  
*Ms. Samantha Anthony*
- WHEN ALL ELSE FAILS...**
- 2:00 Is bridge to recovery a pipedream in children with dilated CM?  
*Dr. Jeffrey Towbin*
- 2:30 Who should not be bridged to transplantation?  
*Dr. Anne Dipchand*
- 3:00 A bridge too far – transport ECMO around the world?  
*Dr. Lara Shekerdeman*
- 3:30 BREAK
- DEBATE – OUTPATIENTS SHOULD NOT BE LISTED FOR CARDIAC TRANSPLANT**
- 4:00 Pro: *Dr. Steven Webber*
- 4:30 Con: *Dr. Robert Shaddy*
- 5:00 **THE BILL MUSTARD LECTURE**  
Neonatal and Infant Transplantation Behind the Scenes, Then and Now *Dr. Leonard Bailey*
- 6:30 BUFFET RECEPTION

## MONDAY, OCTOBER 5, 2009

- 7:15 BREAKFAST
- 8:00 **THE ROBERT FREEDOM LECTURE**  
Late Cardiovascular Effects of Childhood Cancer  
*Dr. Steven Lipshultz*
- OUTPATIENT MANAGEMENT OF HEART FAILURE**
- 9:00 The Carvedilol Trial – are there more answers? *Dr. Robert Shaddy*
- 9:20 Who needs anticoagulation? *Dr. Brian McCrindle*
- 9:40 Is dynamic assessment better than resting testing? *Dr. Paul Kantor*
- 10:00 When should we refer for transplantation? *Dr. Steven Webber*
- BREAKOUT: INTENSIVE CARE MANAGEMENT**
- 9:00 Positive pressure support ventilatory support – who, when and how?  
*Dr. Desmond Bohn*
- 9:20 What about the right heart and the pulmonary vascular bed?  
*Dr. Lara Shekerdeman*
- 9:40 What about the other organs? *Dr. Steven Schwartz*
- 10:00 Is Levosimendan a miracle drug? *Dr. Daniel Penny*
- 10:30 BREAK
- HEART FAILURE: HOW DO I MANAGE...**
- 11:00 Heart Failure with 'isolated' left to right shunts? *Dr. Reeni Soni*
- 11:30 Infants after hybrid for hypoplastic left heart syndrome? *Dr. Lee Benson*
- 12:00 Infants after Norwood surgery? *Dr. Gil Wernovsky*
- 12:30 Atrioventricular valve regurgitation in functional single ventricles?  
*Dr. Glen Van Arsdell*
- 1:00 LUNCH
- CARDIOMYOPATHIES**
- 2:00 What have we learned from the Paediatric Cardiomyopathy Registry?  
*Dr. Steven Lipshultz*
- 2:30 Is restrictive cardiomyopathy a medical emergency? *Dr. Jeffrey Towbin*
- 2:50 Who should we send to a geneticist? *Dr. Sarah Bowdin*
- 3:10 How is the bedside guiding the benchside in ARVD? *Dr. Robert Hamilton*
- 3:30 BREAK
- DEBATE: ALL CHILDREN WITH RESTRICTIVE CARDIOMYOPATHY AND/OR AN EJECTION FRACTION <20% SHOULD HAVE A DEFIBRILLATOR...**
- 4:00 Pro: *Dr. Elizabeth Stephenson*
- 4:30 Con: *Dr. Joel Kirsh*
- 5:00 **STATE OF THE ART SURGICAL LECTURE**  
Mechanical Circulatory Support in Congenital Heart Disease  
*Dr. Vivek Rao*

## TUESDAY, OCTOBER 6, 2009

- 7:15 BREAKFAST
- 8:00 **THE DISENHOUSE LECTURE**  
Pediatric heart transplantation:  
Transitioning from palliation to curative therapy?  
*Dr. Steven Webber*
- HOT TOPICS IN TRANSPLANTATION**
- 9:00 When should we transplant failing Fontans? *Dr. W. Robert Morrow*
- 9:20 ABO incompatible transplants – are they equivalent at 10 years?  
*Dr. Anne Dipchand*
- 9:40 Why can't adult congenital patients get heart transplants?  
*Dr. Heather Ross*
- 10:00 Is there anything we can do about sensitization? *Dr. Robert Shaddy*
- 10:30 BREAK
- HEART FAILURE IN ACHD**
- 11:00 Does the systemic right ventricle ever really fail? *Dr. Andrew Redington*
- 11:30 Why doesn't the right ventricle recover after pulmonary valve replacement? *Dr. Candice Silversides*
- 12:00 Mechanics and electrics – chicken or egg? *Dr. Maully Shah*
- 12:30 What transcatheter valve, other than pulmonary, therapies will be applicable to ACHD? *Dr. Eric Horlick*
- BREAKOUT: HEART FAILURE IN THE FETUS**
- 11:00 What causes heart failure in the fetus? *Dr. Jean-Claude Fouron*
- 11:30 How should we image and evaluate fetal heart failure? *Dr. James Huhta*
- 12:00 Can we treat heart failure in the fetus? *Dr. Edgar Jaeggi*
- 12:30 Can the hydropic newborn survive? *Dr. Ben Sivarajan*
- 1:00 LUNCH
- QUICK HITS**
- 2:00 What should we be doing about pulmonary hypertension in CHF?  
*Dr. Tilman Humpl*
- 2:15 Global or regional dysfunction – egg or chicken? *Dr. Luc Mertens*
- 2:30 Obstructive sleep apnea – does it cause HF in children?  
*Dr. Indra Narang*
- 2:45 PET or Toy: what are the indications for positron emission tomography?  
*Dr. Martin Charon*
- 3:00 BREAK
- YOU ASK THE QUESTIONS**
- 3:30 Challenge the panel with your toughest questions and cases on heart failure and transplantation.  
[\$100 registration discount for those bringing selected cases! Please contact Dr. Redington before the meeting.]
- 5:00 **WRAP UP**

## 4TH CARDIAC SYMPOSIUM CONTEMPORARY QUESTIONS IN CONGENITAL HEART DISEASE October 4 - 6, 2009 • Westin Harbour Castle, Toronto, Canada

PLEASE COMPLETE IN FULL & PRINT CLEARLY  DR  MR  MS

LAST NAME \_\_\_\_\_ FIRST NAME \_\_\_\_\_

TITLE \_\_\_\_\_

HOSPITAL OR INSTITUTION \_\_\_\_\_ DEPARTMENT \_\_\_\_\_

ADDRESS \_\_\_\_\_

PROVINCE/STATE \_\_\_\_\_ COUNTRY \_\_\_\_\_ POSTAL/ZIP CODE \_\_\_\_\_  
( )

TELEPHONE \_\_\_\_\_ E-MAIL \_\_\_\_\_

SPECIAL DIETARY REQUIREMENTS \_\_\_\_\_

Registration includes all conference materials, refreshments and meals as indicated.

**PAYMENT** (Canadian funds) For an immediate response, we encourage you to register on-line at [www.sickkids.ca/Centres/heart-centre/Cardiac-symposium](http://www.sickkids.ca/Centres/heart-centre/Cardiac-symposium)

Cheque enclosed. Mail to: Attention: P. Capela, Cardiac Symposium, SickKids, 555 University Avenue, Toronto, ON Canada M5G 1X8

Credit Card  Visa  Mastercard  AMEX  
Fax to: 416-813-6032 (secure line)

CREDIT CARD NUMBER \_\_\_\_\_ EXPIRY DATE \_\_\_\_\_

CARD HOLDER NAME \_\_\_\_\_ SIGNATURE \_\_\_\_\_

	REGISTRATION FEES (All in Canadian Dollars)	
	to August 4	from August 5
<b>MD</b>	<b>\$575</b>	<b>\$675</b>
<b>Trainee/Nurse/Allied Health</b>	<b>\$425</b>	<b>\$525</b>

**ACCOMMODATIONS**  
Participants are responsible for making their own reservations. Special rates are available for participants of this event before September 3, 2009, by dialing the Hotel Reservations Department at (416) 869-1600 or toll free at 1-800-WESTIN-1.

**CME CREDITS**  
Application in process for 23 credits.

Please email all questions to: [cardiac.symposium@sickkids.ca](mailto:cardiac.symposium@sickkids.ca).  
You will receive a response within 48 hours.



## Philip McKellen Napoleon Witchel

was born in London, U.K. on July 7, 2001 to Canadian parents. Born healthy and at term, Philip developed acute fulminant myocarditis at 10 days of age, requiring ECMO support. He recovered partially, following a tumultuous six weeks in Great Ormond Street Hospital in London, and after his family's relocation to Toronto in March 2002, was cared for at The Hospital for Sick Children. His battle with heart failure continued until January 31, 2003 when he passed away in his mother's arms while awaiting a heart transplant. Philip was a beautiful, generous, tenacious and inspirational boy who managed his battle with courage, grace and determination. Today his battle continues in the research efforts of the Cardiomyopathy and Heart Function Service at SickKids.