

# Pediatric Presse

ISSUE 8: SPRING 2018

## RESEARCH PROJECT HIGHLIGHT

### Measuring what Matters: Integrating Patient-Reported Outcomes into Clinical Practice

The success of pediatric solid organ transplantation can no longer be defined on the basis of objective clinical outcomes alone. Subjective evaluation of the burden of disease or/and treatment from the patient's perspective has become increasingly important. Patient-reported outcome measures (PROMs) are defined as: "any report of the patient's health condition that comes directly from the patient, without interpretation of the patient's response by a clinician or anyone else". PROMs have the ability to engage patients meaningfully, give them a voice in their healthcare, and capture their varied experience and attitudes. The overarching objective of this research is to establish how to integrate validated PROMs systematically and effectively into clinical practice to improve the care and outcomes of pediatric transplant patients and families. While there is emerging evidence to guide effective integration of PROMs into patient care, many operational questions must be answered. To address a number of necessary methodological and practical decisions, our study design includes a three-phased approach including: (1) a systematic review to identify PROMs utilized within the field of pediatric solid organ transplantation; (2) interviews with patients, caregivers and healthcare providers to elicit their perspectives surrounding the implementation of PROMs; and (3) a consensus meeting to examine practice and systems-based facilitators and barriers to implementing PROMs.

This research is led by Dr. Samantha Anthony, a former executive member of our CST Pediatric Group, who is a Health Clinician Scientist at SickKids in Toronto. Research team members include: Dr. Tom Blydt-Hansen, Susan Boucher, Dr. Aviva Goldberg, Dr. Lorraine Hamiwka, David Hartell, Joanna Mitchell, Dr. Maria Santana, Dr. Jennifer Stinson, Katie Sutherland, Dr. Simon Urschel and Dr. Lori West. Collaborative partnerships include the Canadian National Transplant Research Program (CNTRP), Canadian Transplant Association and Canadian Society of Transplantation. Funding for this research has been successfully obtained from the Canadian Institutes for Health Research (Strategy for Patient-Oriented Research: Patient-Oriented Research Collaboration Grant; New Investigator Grant), International Society for Heart and Lung Transplantation (Nursing, Health Sciences and Allied Health Grant) and CNTRP/SickKids (Innovation Grant).



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### UPCOMING EVENTS

ESOT Education week  
Vienna, Austria  
May 7 - 12, 2018  
View the website [here](#).

American Transplant Congress  
Seattle, Washington  
June 2 - 8, 2018  
View the website [here](#).

International Congress of the  
Transplantation Society  
Madrid, Spain  
June 30 - July 5, 2018  
View the website [here](#).

Canadian Transplant Summit  
Ottawa, ON  
October 16 - 20, 2018  
View the website [here](#).

Transplantation Learning Journey  
Munich, Germany  
November 6 - 10, 2018  
View the website [here](#).

IPTA 2018 Symposium in Organ  
Transplantation in Children  
San Jose, Costa Rica  
November 12 - 13, 2018  
View the website [here](#).



## ALLIED HEALTH TRAVEL BURSARY

### PURPOSE

Over the past several years, the most rapid growth in membership for the CST has been in the category of 'Associate Member', which includes allied health professionals. On-going initiatives have been made by the CST to encourage the involvement of Allied Health members. CST welcomes the active input of all members across the broad range of individuals with a professional interest in transplantation in clinical practice, research and education. The intent of the Pediatric Group Allied Health Travel Bursary

is to help facilitate the attendance of allied health professionals at the Annual CST Pediatric Special Interest Group Annual Dinner and Business Meeting who might not otherwise have the opportunity or resources to attend.

### PROCESS

**Completion of an application form will be required to apply for the award.** Up to three Allied Health Travel Bursaries (each \$1,000 value) will be granted each year based on available funding to members of the CST Pediatric Group. Applications must be sent to the CST office. **The deadline for applying is May 21, 2018.** Preference will be given to those individuals who have not received travel awards within the last 3 years and who do not have other sources of funding. Award recipients are required to attend the CST Pediatric Group Annual Dinner and Business Meeting.

Please apply using this [form](#). You can view the full announcement on the CST [website](#).

## TRAINEE ABSTRACT AWARD COMPETITION

One of the missions of the CST Pediatric Group is to encourage trainee participation in clinical and basic science research in the field of pediatric transplantation.

### Prizes Available

Up to 2 prizes will be awarded by the CST Pediatric Group for the best trainee **pediatric abstracts** submitted to the Canadian Transplant Summit.

### Adjudication process

All abstracts will be reviewed and scored by the CST Pediatric Group Executive committee members and/or invited expert reviewers. Abstract reviewers will be blinded to the author's name. Abstract score from general CST meeting abstract review will be available to the pediatric award review committee. The committee will be asked to consider relevance to pediatrics and scientific merit and will score and rank each abstract according to a standard scoring strategy. A minimum acceptable score will be set in order for the abstract to be eligible for the prizes. The two top ranked abstracts (one in the basic science category and one in the clinical category) will be awarded \$1000 each. If there is no submitted abstract in the category that meets the minimum acceptable score, no prize will be awarded in that category.

### Eligibility

- Eligible candidates are trainees in the field of pediatric transplantation, at the undergraduate, graduate or post-graduate levels. Medical students, medical and surgical residents and fellows, basic scientists in training, and allied health trainees are encouraged to apply.
- **Applicants must be members of the CST (Trainee membership fee is \$50)**
- **Applicants' research supervisor must be a current member of the CST (though does not need to be a pediatric member)**
- **Abstract must have pediatric relevance**

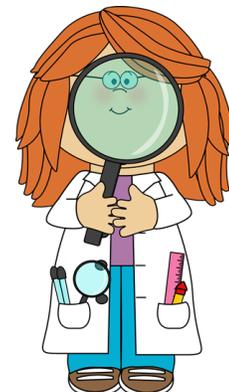
### What will the Pediatric Trainee Research Awardee receive?

- Cheque for \$1,000 CAD
- Complimentary registration for the Annual Meeting
- Ticket for each of the evening Social Events
- Acknowledgement at the CST Pediatric Group Annual Dinner and Business Meeting

### What is expected of the Pediatric Trainee Research Awardee?

- Attendance at the CST Pediatric Group Annual Dinner and Business Meeting being held on October 16, 2018
- Presentation of your abstract at the CST Pediatric Group Annual Dinner and Business Meeting
- Participation in the Canadian Transplant Summit

The application deadline is **May 21, 2018**. Please proceed to the CST website for further information or to [apply](#).



The pediatric group meeting at the CST annual conference in Halifax was, once again, a wonderful way to highlight new pediatric investigators, learn more about emerging research to help our patients and network with child health colleagues. We were thrilled to welcome Dr. Steven Greenway, a Pediatric Cardiologist at the Alberta Children’s Hospital. He spoke on *The Role of the Microbiome in Transplantation*.

We were happy to award two trainees awards this year and hear from them about their work. Chantal Allen from the University of Alberta, received the Clinical Science award for her project “Let’s get physical: Aerobic capacity, muscle strength, and muscle endurance in pediatric heart and kidney transplant recipients.” Chia Wei Teoh, from SickKids, received the Basic Science award for his project “Calcineurin Inhibitor-Induced Endothelial Cell Injury—A Role for Complement.” We also had the great pleasure of having our Allied Health Bursary Award winner in attendance, Anne Halpin, from the University of Alberta.



Chantal Allen receiving her award



Chia Wei Teoh receiving his award



Anne Halpin with Aviva Goldberg



Halifax Harbour

We were pleased to welcome one new executive group member, Michel Lallier (Montreal) as a Member-at-Large. We are also thankful to outgoing executive members Susan Samuel, Patricia Birk and Valerie Langlois for their commitment to this group.

There was discussion about the Pediatric DCD guidelines that were published in the September 2017 issue of the [Pediatric Critical Care Medicine](#) Journal as well as further discussion regarding Vaccination Guidelines and the continued support of this endeavour. David Harrell also presented an update of the CNTRP and gave some plans for the future including the 2017 CNTRP Research Innovation Grant Competition in partnership with Astellas Pharma Canada, The Alberta

Transplant Institute, The Multi-Organ Transplant Program at the University Health Network and the Canadian Liver Foundation.

## UPDATE

Shortly after the AGM we also welcomed Allison Carroll from Stollery Children’s Hospital as a Member-at-Large. More recently, Chia Wei Teoh from SickKids and Kathryn Armstrong from BCCH also joined the executive as a Member-at-Large.

We would also like to say a big thank you to Jason Yap as he will be moving to Australia at the end of April. Chia Wei Teoh will be taking on Jason’s role as Secretary/Treasurer.

**CST Pediatric Group**  
Annual General Meeting  
at the  
**2018 Canadian Transplant Summit**  
Ottawa, ON



Questions, comments, or to submit anything for future publications, please contact Lorraine at [lorraine.hamiwka@ahs.ca](mailto:lorraine.hamiwka@ahs.ca)

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