

Global Child Health Program: Year-end report 2015-2016

Submitted by the Co-Directors of the Global Child Health Program:

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Funds available for 2015-2016: Total 25 000\$

- 1. McGill Global Health Programs: 10 000\$**
- 2. McGill Department of Pediatrics: 10 000\$**
- 3. Private donor, travel bursary: 5 000\$ → Resident electives**

Projects proposed for 2015-2016 year:

- 1. Research capacity building within the Department of Pediatrics, Centre Hospitalier Universitaire de Kigali (CHUK), Rwanda**
 - a. Micro Research program: longitudinal research training and mentorship**
- 2. Global Child Health education, McGill**
 - a. Pediatric Global Health Skills conference**
 - b. Pediatric resident electives**
 - c. Advanced Curriculum in Pediatric Global Health**
- 3. Nursing Travel Grant, head of Pediatric Nursing, CHUK**

Projects and Expenses:

- 1. Research Capacity Building at CHUK**
 - a. MicroResearch training program: longitudinal training and mentorship**

CHUK has identified research as a partnership priority, and assistance finding and applying for research funding in particular. Micro Research is a longitudinal training and mentorship program. It involves a 2-week training program on research methodology in the host country. There is also a train-the-trainer component, where experienced researchers in the host country are invited to assist in teaching the course. These trainers can then go on to train more participants.

Small grants are available to the participants to complete their research. Mentoring is available to assist with proposal writing for other grants, execution of the project, and manuscript writing and publishing.

In February 2016, a MicroResearch training course was held at CHUK. Drs. Bob Bortolussi and Noni MacDonald traveled to Kigali, Rwanda to deliver the course. They were assisted by Dr. Lisine Tuyisenge (chief of Pediatrics, CHUK) and 6 Rwandan lecturers/coaches. A total of 26 participants completed the course. This included 7 pediatricians, 9 pediatric nurses, 2 Quality Assurance personnel, and 1 each of general practitioner (MD), pharmacist, lab technician, physiotherapy, nutritionist, data manager, psychologist, and psychiatrist.

Four research teams and projects were developed during the 2-week course:

- 1) Resurgence of malaria with severe complications among Pediatric patients admitted in Kigali University Teaching Hospital/CHUK?

- 2) Does Traditional practice/medicine use have an impact on outcomes of pediatric patients at CHUK?
- 3) How is transport by ambulance of transferred ill patients from district hospital to CHUK done?
- 4) Are health workers aware of alarming cancer signs?

Four research mentors, one assigned to each project were identified: Drs. Jean-Martin Laberge, Charles Larson, Gillian Morantz, and Jennifer Turnbull.

Grant competitions are held twice a year in May and November. The CHUK teams are aiming to submit for the November deadline.

Expenses drawn from McGill Funding:

	Cost (CAD)
Research grants (4, grant + admin)	12 000
Local coaches (4 x 2 weeks)	711.62
Local ethics lecturer	(550USD)
Local lecturer on community engagement	
Total	12 711.62

2. Global Child Health Education, McGill

2a. 2016 Pediatric Global Health Skills Conference

As part of its educational mandate, the GCHP held a 2-day skills conference on June 3rd and 4th, 2016. Healthcare professionals were offered 3 different sessions: Helping Babies Breathe (HBB), Emergency Triage Assessment and Treatment (ETAT), and a Post-travel Debriefing Workshop. Fifteen (15) participants completed HBB, 13 completed ETAT, and 10 completed the post-travel debriefing workshop.

Expenses:

	Cost (CAD)
Course packages	545.99
Catering	1082.79
Accreditation: RCPSC	367.17
Speaker costs: travel, accommodation	
Helping Babies Breathe (2 speakers)	700.76
Emergency Triage Assessment and Treatment (1 speaker)	198.99
Debriefing workshop (1 speaker, includes professional fees)	3712.74
Speaker costs: food	399.15
McGill Bookstore fee for registration management	250
Total	7257.48

2b. Pediatric resident Global Health Electives

A senior pediatric fellow has been identified and plans are underway for a one-month elective placement in 2016 at CHUK. Maximum funds available to cover travel, visa, food and accommodation: **5000\$**.

2c. Advanced Curriculum in Pediatric Global Health

A successful 3rd year of the course was held between September 2015 and May 2016. A total of 20 participants attended (8 pediatric residents, 2 family medicine residents, 9 nurses, and 1 respiratory therapist), with 16 meeting the requirements for course certificate/completion.

Expenses:

	Cost (CAD)
1 Guest lecturer (travel)	259.48
Total	259.48

3. Nursing travel grant

In the Fall of 2016, the head of Pediatric Nursing at CHUK, will travel to Montreal for a 2-week visit. The remaining funds from 2015-2016 (in addition to funds donated through the MCH Foundation) will cover all costs. Expenses to be determined, maximum amount available from McGill funding: **1741.42\$**

Budget summary:

Funding		Expense		Revenue	
McGill GH Programs	10 000	MicroResearch	(12 000) 711.62		
Dept of Pediatrics	10 000	Pediatric Skills Conference	7 257.48	1 970	
Private donor (travel bursary)	5 000	Resident elective	(5 000)		
		Advanced Curriculum	259.48		
		Nursing travel	(1 741.42)		
Total:	25 000		26 970	1970	Balance: 0\$

*values in () denote funds that have not yet been disbursed