

The Official PART Newsletter

Donate your smartphones!

Please consider donating your old smartphones (iPhone, iPodTouch, Android) to the PART. Instead of sitting in your cupboards at home collecting dust, we can use these devices for our research projects. Donation receipts available.

June 2012

Fellows Farewell

We said good-bye and see you later to Joy Sanders and Zoë Brown, our Clinical Fellows for the past year. We then welcomed Heng Gan and Eding Mvilongo as the new Fellows for this year. Heng joined our team in January as a Research Fellow but will spend the next year with a greater clinical focus.



Zoë Brown and Joy Sanders at the Fellows Farewell dinner

CFRI Trainee Research Day

Congratulations to Joy Sanders and co-authors on "Serum levels of oral morphine and pharmacogenetics of CYP2D6 and UGT2B7 in a pediatric population" for the Best Poster award at the CFRI Trainee Research Day. Congratulations to all the other participants too!

ChildRun

Members of the PART along with members of the iACT (Innovations in Acute Care and Technologies) cluster combined their efforts for the annual ChildRun. Thanks to everyone who donated, fundraised and participated!

CAS Conference

Members of the PART attended the Canadian Anesthesiologists' Society (CAS) annual meeting in Quebec City. Congratulations to Joy Sanders and co-authors on "Serum levels of oral morphine in children" for the Best Paper in the Pediatric Anesthesia category. All the team's posters were very well received and had great feedback during the sessions.

IAMPOV meeting

Mark Ansermino and Chris Petersen traveled to Yale University to present the Audio Oximeter to the Innovations and Applications of Monitoring Perfusion, Oxygenation and Ventilation (IAMPOV) meeting. This was an international gathering of the world's experts in pulse oximetry.

May 2012

Distinguished Achievement Award

Congratulations to Mark Ansermino for being awarded the UBC Faculty of Medicine Distinguished Achievements Award for Excellence in Clinical or Applied Research. Mark is the first anesthesiologist to win this award.

Engaging Canadian Youth in Research

Guy Dumont and Mark Ansermino (along with their co-investigators) were awarded a grant from the Peter Wall Solutions Initiative (PWSI) for a youth engagement initiative, KidsCan. They will develop a smartphone application (MobileKids) that will help promote physical activity and healthy eating habits among youth.

POTM Usability

The first usability studies for PIERS on the Move (POTM) began at Tygerberg Hospital, Cape Town, South Africa. The usability of the mobile device application is initially being tested with midwifery students from Stellenbosch University. Once completed, the clinical phase of the study will begin in October.

Phone Oximeter in Uganda

Joanne Lim and Walter Karlen traveled to Uganda to visit current study sites to observe the Phone Oximeter in use for a research study. They also toured some rural areas of to meet with future collaborators.



The Phone Oximeter used by research nurse in Mbarara, Uganda

April 2012

Equipment grant for mHealth

Congratulations to the PART/ECHEM on obtaining an NSERC grant: *Equipment grant for mHealth application laboratory*. This grant will help the group to establish a lab with the necessary equipment to conduct the latest research and development in health applications.

World Congress of Anaesthesiologists

Mark Ansermino and Guy Dumont travelled to Buenos Aires, Argentina to attend and present at the WFSA World Congress of Anaesthesiologists. The iControl study garnered much interest from the international attendees, and talks began to generate industry collaborations.

Feature Study

Panda

Gillian Lauder, along with co-investigators Mark Ansermino, Nick West, Aryannah Umedaly, Michelle Misse, and summer student Terri Sun have been recruiting children in a feasibility study using a digital pain assessment application (*Panda*) to determine usability of the app, whether pain assessment with *Panda* is preferable to traditional methods and whether pain scores obtained with *Panda* agree with existing pain assessment tools (e.g. Faces Pain Scale, Colour Analogue Scale, Numerical Rating Scale). Contact Nick West (nicholas.west@cw.bc.ca) for more information.

Meet a Team Member

Terri Sun (Summer Student)

Terri joined PART in May 2012 as a summer student from the UBC Faculty of Medicine. Terri is working on the *Panda* project.



Terri Sun – PART Summer Student

Current Studies

Actively recruiting clinical studies

Please check out our website www.part.cfri.ca for an updated list of our current clinical and biomedical engineering studies.

Websites of Interest

Phone Oximeter

<http://phoneoximeter.org> for the latest information on the Phone Oximeter project.

Electrical and Computer Engineering in Medicine

<http://ecem.ece.ubc.ca> for information on our engineering projects.

Upcoming @ PART

What's happening July – September 2012?

The Big Move!

The PART is moving in mid-September to the 2nd floor of the new Child & Family Research Institute (CFRI) building. Stay tuned for updates from our new home.

Research Meetings

First and third Tuesday of every month at 1pm in room A324

July 3 & 17, August 7 & 21, September 4 & 18

7am Research Rounds

July 25, September 12

Upcoming Deadlines

UBC C&W Research Ethics Board (REB) submission deadlines are July 11, August 8, September 12.

