

Inaugural PART Newsletter

Welcome to The PARTiculars; the official newsletter for the Pediatric Anesthesia Research Team (PART). We will be producing this publication quarterly to keep everyone updated on the PART's activities, events and successes.

December 2010

Collaborative Areas of Innovation

Led by Mark Ansermino (with Co-Principal Investigator JP Collett – UBC Department of Pediatrics), our letter of intent (Healthy @ Home) has been selected as one of three teams to move ahead with a full proposal to be submitted on 31 Jan 2011.

<http://www.bcchildrens.ca/Research/CollaborativeAreaInnovation/default.htm>

TIVA-TCI World SIVA Meeting

Congratulations to Simon Whyte, Mark Ansermino, Dorothy Myers, Erin Cooke, Chris Brouse, Walter Karlen, Sara Khosravi, Carolyne Montgomery, Kristian Soltesz, Guy Dumont & Joanne Lim on the acceptance of four abstracts to be presented at the 3rd World Congress of Total Intravenous Anesthesia & Target Controlled Infusion in Singapore from Mar 31 – Apr 2.

November 2010

BCCH Telethon Awards Competition

Congratulations to Simon Whyte & Gill Lauder on receiving Telethon awards for their studies "TIVA LA" and "Naloxone Epidural", respectively.

ICICS Biomedical Engineering Workshop

The Institute for Computing, Information and Cognitive Systems (ICICS) at UBC held its first biomedical engineering workshop day. Graduate students Chris Brouse and Sara Khosravi presented posters on their current work.

Year of Science – Science & Health Expo

The Science & Health Expo was held at the Vancouver Fairmont Waterfront Hotel as a key event during the Year of Science sponsored by the British Columbia government to encourage students to study science and technology. Thanks to Mark Ansermino, Matthias Gorges, Walter Karlen, Pedram Ataee, Joanne Lim & John Maidens for spending time to demonstrate the PART's latest mobile phone applications for health monitoring.

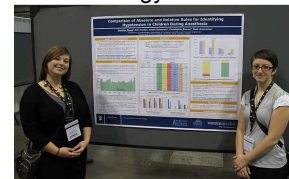
VPRI Workshop Grant

PART received a grant from the UBC Office of the Vice President Research & International (VPRI) to aid in the funding of the "Phone Oximetry – Anesthesia and Beyond" workshop (To be held May 2011).

October 2010

ASA Annual Meeting

Walter Karlen, Sara Khosravi & Dorothy Myers presented their abstracts at the American Society of Anesthesiologists (ASA) annual meeting in San Diego. Congratulations to Walter (and co-authors Chris Petersen, Amelia Pickard, Guy Dumont & Mark Ansermino) on garnering the **Best Abstract Award in Excellence in Technology Innovation** for the Society of Technology in Anesthesia.



PART at the 2010 ASA annual meeting

BC Wireless Health Forum

Mark Ansermino presented "The Future of Personalized Sensors for Health & Disease" sponsored by DigiBC. <http://www.digibc.org/connect/2010/10/bc-wireless-health-forum-october-28/>

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.

Feature Study

Is Regional Anesthesia in Children Safer with TIVA?

Simon Whyte, along with co-investigators Mary Ensom & Diane Decaire (Pharmacy), Pamela Winton & Dorothy Myers, have recently begun a study designed to compare plasma bupivacaine concentrations between pediatric patients randomized to receive either total intravenous anesthesia (TIVA) or inhalational anesthesia, all who receive caudal epidural anesthesia with bupivacaine. This pilot study will recruit 60 healthy children ages 1 – 5 years. Contact Dorothy Myers (dmyers2@cw.bc.ca) for more information on this study.

Meet a Team Member

Jennifer Gow (Grant Facilitator)

Jen joined PART in January 2010. Her extensive research background and publication experience has been an invaluable addition to the team. We look forward to continuing our work with Jen. She can be reached at 604 875 2000 ext. 5926 or jgow@cw.bc.ca.



Jen Gow – PART Grant Facilitator

New Website

Phone Oximeter

Visit our new website at <http://phoneoximeter.org> for the latest information on the Phone Oximeter project. We have many exciting projects and opportunities relating to this new and cutting-edge endeavour.

Upcoming @ PART

What's happening January – March 2011?

STA Annual Meeting

PART has five abstracts for presentation at the Society for Technology in Anesthesia (STA) meeting from January 12 -15 in Las Vegas, USA. The team attending includes Mark Ansermino, Guy Dumont, Dustin Dunsmuir, Matthias Gorges, Walter Karlen, Joanne Lim & Jon Stinson.

BIOSTEC Conference

Walter Karlen will be presenting two abstracts in Rome, Italy from January 26 - 29 at BIOSTEC – 4th International Joint Conference on Biomedical Engineering Systems and Technologies.

Research Meetings

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

January 4 & 18

February 1 & 15

March 1 & 15

Upcoming Deadlines

- UBC C&W Research Ethics Board (REB) submission dates are January 12, February 9, and March 9.
- IEEE Engineering in Medicine & Biology Society annual conference abstract submission: March 26



PART Christmas lunch December 2010



Pediatric Anesthesia Research Team

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