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StaR Child Health

MICYRN partnered with StaR Child Health to host the second Summit in Vancouver, September 10th-11th, 2010. StaR Child Health is an international group of methodologists, clinicians and policy makers who seek to enhance the quality, ethics and reliability of paediatric clinical research by promoting the use of evidence-based standards or guidance for clinical studies with children. The Summit opened with a live web-cast from Paula Williamson in Liverpool, whose COMET group is committed to determining Core Outcome Measures in Effectiveness Trials. The StaR Child Health Standards development groups provided reports of their progress. Key-note speakers were Dr. Steven Hirschfeld, Acting Director for Clinical Research, NIH Eunice Kennedy Shriver National Institute of Child Health and Human Development, and Dr. John

John Ioannidis, Director of the Stanford Prevention Research Centre. Jenny Newman, the UK Medicines for Children Research Network (MCRN) Consumer Liaison Officer commenced a thought-provoking session about engagement of patients and families in Research. The UK MCRN has supported a terrific initiative to capture the opinion of youth about research. We were grateful to the many generous sponsors of the StaR Child Health meeting, but in particular to Dr. Steven Hirschfeld and the NIH, who provided support to broadcast the Summit proceedings. Archived webinars are viewable through the StaR Child Health website:



<http://www.starchildhealth.org>



MICYRN Website

- a new look

We have revamped the MICYRN website to showcase information which we hope you will find useful. Check out the searchable Birth Cohorts Inventory (under Registries), and the reports that have been generated by MICYRN.

We welcome content!

<http://www.micyrn.ca>

Clinical Trials Activity in Canada

Evidence for health care is generated by clinical trials which are defined by the World Health Organization as “any research study that prospectively assigns human participants or groups of humans to one or more health-related interventions to evaluate the effects on health outcomes.”

Over the past months we have conducted an extensive review of the current situation for pediatric and maternal clinical trials in Canada. We reviewed the registered clinical trials through the World Health Organization International Clinical Trials Registration Platform which is updated weekly from the Australian New Zealand Clinical Trials Registry, ClinicalTrials.gov, and ISRCTN; and every four weeks from registries in China, India, Republic of Korea, Germany, Iran, Japan, Africa, Sri Lanka, and the Netherlands. Complete information about the Platform can be found at <http://www.who.int/ictrp/en/>.

Briefly, we found:

1. [Over 1000 pediatric and maternal clinical trials have been conducted in](#) Canada over the last 5 years, representing 8% of each of the total pediatric and maternal

clinical trials conducted world-wide

2. Canada is second only to the USA in the number of pediatric and maternal clinical trials being conducted world-wide; and is third after the Netherlands and Australia in the number of pediatric and maternal trials being conducted per million children, or million births, respectively, in the population.

3. Academic organizations (provincial, national and international) are the primary sponsor for 65% of pediatric and 98% of maternal trials conducted in Canada.

4. Canadian academic health science centres with a focus on child and maternal health, which comprise the membership of MICYRN, have been responsible for 80% of the more than 450 institution-sponsored trials in the last 5 years.

5. Western Canadian provincial institutions have been the primary sponsor for 113 pediatric and maternal clinical trials initiated

over the past 5 years, which is half the number initiated in Ontario, and three times the number initiated in Quebec.

6. The majority of industry-sponsored pediatric studies are multi-national – only 14% of industry-sponsored pediatric trials have been conducted solely in Canada.

7. 314 industry-sponsored interventional pediatric clinical trials involving Canada have been conducted by 96 (ninety-six) different companies. Fifty-four percent of these studies were conducted by 12 companies. A further 33 companies conducted 2-5 studies over the 5 year period (n=93 trials), and fifty-one companies conducted only 1 study (51/314) (16%).

You can view the full reports at <http://www.micyrn.ca>

Over 1000 pediatric and maternal clinical trials have been conducted in Canada over the last 5 years



CANADIAN ASSOCIATION OF PAEDIATRIC HEALTH CENTRES
ASSOCIATION CANADIENNE DES CENTRES DE SANTÉ PÉDIATRIQUES

2010 CAPHC Annual Conference

October 17th-20th, 2010
Winnipeg Manitoba

What's Working—Strategies and Practices that are improving the health outcomes of Canadian Children & Youth
<http://conference.caphc.org>

Check out the many terrific CAPHC programs and great webinar links at

<http://www.caphc.org>

Mark your calendars!
October 17 - 20, 2010
Winnipeg, Manitoba



NeuroDevNet



There is an opportunity for you to have a superb senior undergraduate student from one of India's best institutions, through the NCE **MITACS** mathematical sciences **Globalink** program.

Past research projects have ranged from improving computational prediction of DNA structure to adapting machine learning techniques to fix computer based translations.
<http://www.mitacs.ca>

SAVE THE DATE for the Second Annual Brain Development Conference. Vancouver, BC. June 19-21, 2011 Visit <http://www.neurodevnet.ca> for conference updates.

Genomics Consortium

A new and timely joint collaborative program has been developed by Genome Canada and the Canadian Institutes of Health Research; 'Advancing Technology Innovation through Discovery'. This one-year program will focus on the rapid identification of genes causing paediatric disorders using the latest genomic technologies available at the Genome Canada funded Science & Technology Innovation Centres. This is the first **call for proposals** of disorders for study. Contact the Consortium Clinical Coordinator, Janet Marcadier (jmarcadier@cheo.on.ca) if you have well-defined patients/families with a suspected but unknown genetic disorder. For more information see <http://www.cpgdsconsortium.com>.

Maternal and Neonatal Determinants of Obesity: Call for Abstracts



CON 2nd National Obesity Summit

April 28-May 1, 2010 - Sheraton Centre, Montreal

www.con-obesitysummit.ca [Abstracts due Nov 30, 2010]

Sessions on Maternal & Neonatal Determinants of Obesity

- **Satellite Workshop** sponsored by MICYRN - April 28, 9 am-5 pm
Co-Chairs - Drs. S. Atkinson, A. Junker, R. Bell
Title: Breaking the obesity cycle: Understanding the origins in the maternal/infant dyad
- **CON National Obesity Summit – regular program**
 - **Poster Symposium** - Friday, April 29 – 1230 pm (from abstracts)
 - **Oral Presentations** - Friday, April 29 – 2:30 pm (from abstracts)
 - **Plenary Mini-Review** - Friday, April 29 – 5:00- 6:30 pm
Title: Maternal & Neonatal Origins of Obesity

CON 2nd National Obesity Summit



• Satellite Workshop

Breaking the obesity cycle: Understanding the origins in the maternal/infant dyad

- Session 1 - Maternal Obesity and Pregnancy Outcomes
- Session 2 - Lifestyle Influences & Risk of Obesity in the Maternal/Infant Dyad
 - Each session comprises 4 Scientific talks plus Multi-disciplinary Panel for discussion of KT & Research Directions

• Plenary Mini-Review

Maternal and Neonatal Origins of Obesity

- Maternal smoking and obesity risk in the offspring: Evidence from animal studies - Allison Holloway
- Maternal lifestyle variables, gestational weight gain and obesity risk in the offspring - Kristi Adamo
- Biologic and social determinants of obesity risk in Canadian children - Garry Shen

Grand Challenges Canada



Grand Challenges Canada

Grand Challenges Canada is a unique not-for-profit organization dedicated to improving the health and well-being of people in developing countries by integrating scientific, technological, business and social innovation both in Canada and the developing world. Grand Challenges Canada works with the International Development Research Centre, CIHR, and other global health foundations and organizations committed to discovering sustainable solutions to the world's most pressing health challenges.

REQUEST FOR PROPOSALS:

POINT OF CARE DIAGNOSTICS—to develop technologies that help assess multiple conditions or pathogens at point of care. Deadline November 30th, 2010

CANADIAN RISING STARS—this program aims to tap into the creativity, knowledge and skills of young Canadian Scientists. Deadline March 7th, 2011.

<http://www.grandchallenges.ca>

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en santé des
enfants et des mères

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***Building capacity for high quality clinical
research in Canada and beyond***

The Maternal Infant Child Youth Research Network (MICYRN) was formed in 2006 to build capacity for high quality clinical research in Canada and beyond. MICYRN links 17 participating academic health centres, and hundreds of investigation teams across the country. MICYRN is committed to enhancing the productivity of the Canadian child-maternal research community, through sustaining and augmenting existing activities, and reducing impediments to multicentre research activity.

The Canadian Birth Cohort Inventory

The Canadian Birth Cohorts inventory was completed in November 2009 and a publication is in preparation. The new MICYRN website hosts this inventory which is now searchable, mirroring the EU Birth Cohorts inventory. Rebecca Johnston, a midwifery student has been working this summer under the supervision of Alan Bocking and Stephanie Atkinson, co-chairs of the MICYRN Cohort research theme. Rebecca has been up-dating the Birth Cohort Registry with PI contact info, and expanding the existing data to include information about coordinator support for recruitment initiatives. Rebecca will also be assisting Marie Pier Joly who worked last summer to compile the Cohort Registry, in preparation of the manuscript relating this activity in Canada. See <http://www.micyrn.ca> under Registries

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REGISTRIES REPORTS RESOURCES LINKS WORKSPACE

Google Custom Search

Inventory of Birth Cohort

Biological Samples

Exposure

Outcomes

Keyword Search

Keyword