



CHILD Manitoba

Winter 2017

DASHING THROUGH THE SNOW...

It took a while but the snow has finally fallen and winter is officially here. We hope you all had a great time this holiday season. There have been a number of great opportunities in the last while to spread the word about the CHILD study and present research based off of our CHILD data. Read further to learn about all the conferences and presentations our staff has been involved with.

As always, if you have any questions or concerns, feel free to send us an email, give us a call or connect with us on social media. And for those of you who have completed all the visits, you are welcome to contact us anytime and let us know what's happening in your lives. We love keeping in contact and we will continue to reach out to you through social media and our quarterly newsletters.



Clockwise from
bottom left:
Carleigh, Evan,
Peyton, Olivia,
Alesia and Jett

Have you shared a photo of your CHILD yet?
Feel free to mail or email us one !

**Saturday
Appointments are
Available!**

Call to save your spot!

Important Numbers

- * **1000** One Year Visits have been completed!
- * **962** Three Year Visits have been completed!
- * **766** Five Year Visits have been completed to date!

Inside this issue

The Effect of Pollution on Allergies	2
CSACI Scientific Meeting ..	3
When Dining Out is Dangerous.....	4
Food Allergy Video	4
A Big Thank-You from CHILD	5
Child Health Research Day	5
Rishma's Masters Thesis ..	6
CHILD's International Coverage	6

The Effect of Pollution on Allergies



CHILD has released a new video called “CHILD Study: Air Pollution Puts Kids at Allergy Risk” based on CHILD research on the role of traffic-related air pollution (TRAP) exposure in the development of allergy. The article, titled “Perinatal Exposure to Traffic-Related Air Pollution and Atopy at 1 Year of Age in a Multi-Center Canadian Birth Cohort Study” looked at the relationship between traffic-related air pollution and a positive skin test in 1-year-old children from the CHILD study. Being exposed to traffic-related air pollution after birth , but not during pregnancy, increased the risk for development of allergies. This suggests that traffic-related air pollution during the first year of life is associated with increased risk of allergy.

If you would like to check out the article you can follow this link :<https://ehp.niehs.nih.gov/1408700/>

For a good summary on the CHILD study and the research on air pollution feel free to watch the AllerGen video here:

<https://www.youtube.com/watch?v=M4Eh4dpmnC4>

It's a Girl!



Congratulations to CHILD staff member Henry Huang for the birth of his baby girl Candice!

CSACI Distinguished Member

CHILD Allergist, Dr. Becker, received the 2016 Canadian Society of Allergy & Immunology (CSACI) Distinguished Member Award at the annual CSACI scientific meeting in Montreal. According to CSACI, this award is presented to individuals who “have made outstanding achievements in the allergy, asthma and immunology field, and have accomplishments that will serve as an inspiration and example for others to follow.” Congratulations Dr. Becker!!



Canadian Society of Allergy & Clinical Immunology

CHILD staff, Rishma Chooniedass and Saiful Huq, also attended the CSACI 2016 scientific meeting to present their research. Rishma did a poster and presentation on a series of interviews she conducted with parents of children with food allergies. These interviews were part of Rishma's Masters of Nursing thesis which you can read more about on page 5. Rishma won 1st place in the Allergy/Anaphylaxis section of the CSACI poster competition. Way to go Rishma! Saif did a poster on digital analysis of healthy and wheezy breath sounds. He found measurable differences between these sounds and plans to use this data to develop a program that will be able to analyze breath sounds for people who may have concerns. He hopes that this will be a useful tool for physicians and parents of young children of the future.



A “Koffing” Pokémon was caught in our lab! Looks like he might be seeking out some asthma treatment before he evolves into a “Weezing” Pokémon.

When Dining out is Dangerous

Dr. Becker was featured in *The Globe and Mail* in an article discussing the risk of food allergic reactions in restaurants. The article, titled “Quebec Restaurant Incident Shows Need to Take Food Allergies Seriously”, discusses the reasons why food allergies are often ignored in restaurants and what can be done to change this. You can read the article here:

<http://www.theglobeandmail.com/life/health-and-fitness/health/quebec-restaurant-incident-shows-importance-of-taking-food-allergies-seriously/article31295732/>

Video Competition: Parents' Experience with Anaphylaxis

CHILD Coordinator Rishma Chooniedass developed a video titled “Parents' Experience with Anaphylaxis” which explores the challenges that parents of children with food allergies face when their child has an allergic reaction. The 3-part video series (Food Allergy: Through the Eyes of Parents) she has done is based off of her Masters of Nursing thesis (see page 5) and includes a series of interviews with parents whose children have had food allergic reactions. It is being used at the Children's Allergy & Asthma Education Centre to help inform and educate parents and caregivers.



You can watch the original video series here:

<http://asthma-education.com/>

A Huge Thank-You from The CHILD Study

CHILD was featured in an article on The Children's Hospital Foundation of Manitoba website. Conducting research like the CHILD study requires a huge amount of time, dedication and money. The article provides a great overview of all the accomplishments that CHILD has had thanks to the wonderful CHILD families and to those people who send to donations to The Children's Hospital Foundation. Thank you everyone who has contributed to the success of CHILD! To read the article follow this link: <http://goodbear.mb.ca/stories/getting-one-step-closer-thanks-to-your-support/>

Child Health Research Day



Members of the CHILD team participated in this year's annual Child Health Research Day at the University of Manitoba. This event allows researchers at the university to showcase the infant and child

health research they dedicate so much time to. It is especially valuable to us at CHILD because it allows us to show off what an amazing study CHILD is and how much work all of our CHILD families do. At this year's event, Jing Venevongsa did a poster on recruitment and retention of CHILD participants. Henry Huang's poster was about sensitization to inhalants in the prairies versus the coast. Doug Houlbrook analyzed whether parental asthma diagnosis had an impact on childhood asthma. Deborah Chan's poster looked at the influence of breastmilk hormone concentrations on infant weight. Rishma Chooniedass did a poster on parents' experiences with allergic reactions and epinephrine auto-injectors and Saiful Huq did a poster and a presentation on methods for measuring allergy skin testing results using CHILD skin testing data. Congratulations to those who participated and to everyone who won an award!

It's a Boy!



Congratulations to CHILD staff member Jing Venevongsa for the birth of her baby boy Carson!

Have you had a change of address or phone number recently? Update your information with Ingrid at 204 -789-3475 and iloewen@chrmb.ca

Congrats to Rishma!

Congratulations to CHILD coordinator Rishma Chooniedass for completing her Masters of Nursing Thesis! For her research, Rishma interviewed 10 parents of children with life-threatening food allergies on their experiences and perceptions of epinephrine auto-injector (eg. EpiPen) use. All of the children in her study had experienced an allergic reaction. During these interviews, the parents shared the life challenges and feelings they've experience as parents of children with allergies and they discussed the uncertainty, anxiety, hesitation and guilt they've felt in response to their

child's reaction. Fortunately, the parent's also expressed that handling their child's reactions correctly gave them confidence to treat further reactions and sharing their experiences can be useful as an educational strategy. Rishma's work suggests that parents who have witnessed and dealt with a child's allergic reaction make invaluable sources of information to help educate support and guide other caregivers.



CHILD's International Coverage

An article by CHILD researcher Meghan Azad, discussing the influence of maternal consumption of artificial sweeteners on their child's obesity, was featured in an episode of an Australian TV program called *Catalyst*. This episode focused on artificial sweeteners and their impact on health. To view the episode, click on this link: <http://www.abc.net.au/catalyst/stories/4514873.htm>



The same article was also featured in the Montreal based French newspaper *La Presse*. If you're a French speaker you can check out the article here: http://plus.lapresse.ca/screens/886614da-6f21-4ed0-8010-2a37e58731cc%7C_0.html



To view Meghan's article follow this link: <http://jamanetwork.com/journals/jamapediatrics/article-abstract/2521471>

Contact Us!

CHILD Study Manitoba
John Buhler Research
Centre
505-715 McDermot Avenue
Winnipeg, Manitoba
R3E 3P4

CHILD Manitoba
Research Coordinator:
Rishma Chooniedass

Phone: 204-789-3978
Fax: 204-789-3986
E-mail:
rchooniedass@chrime.ca



www.canadianchildstudy.ca/

Follow us on:

Facebook:



www.facebook.com/child.studywinnipeg

Twitter:



www.twitter.com/CHILDStudyMB