

## WHAT IS INVOLVED IN PARTICIPATING?

For the parents, we will ask you a series of questions about your health and family history. A blood test will let us see what genetic factors are common to you and your baby. A breathing test will measure how well your lungs work. Skin tests will see if you have any allergies. We would like to learn about your home environment to understand what you are exposed to in your surroundings.

For baby, we will record the delivery details and request a cord blood sample (which is normally discarded) for genetic and immune testing. We will see your baby at 3 months in your home and then at the clinic yearly near their birthday until age 5. We will follow how your child is growing and learning, and complete various breathing and sleeping tests or questionnaires on a regular basis.

## CAN I WITHDRAW FROM THE STUDY IF I WISH?

The study will be explained to you, and you will be asked for your consent to participate. You are free to withdraw from the study at any time without providing a reason.

### WHO IS DIRECTING THE STUDY?

The national Principal Investigator for this study is Dr. Malcolm Sears, Firestone Institute for Respiratory Health, St. Joseph's Healthcare and McMaster University, Hamilton, Ontario.

National lead investigators include:

<b>Toronto:</b>	Dr. PJ Subbarao
<b>Winnipeg:</b>	Dr. Allan Becker
<b>Edmonton:</b>	Dr. Pius Mandhane
<b>Vancouver:</b>	Dr. Stuart Turvey



For more information, please call:

#### **CHILD Coordinators:**

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780-407-2024

THE  
*Canadian*  
*Healthy*  
*Infant*  
*Longitudinal*  
*Development Study*



You are invited to participate in a national research study that involves 5,000 families from four cities across Canada. You are being invited because you are pregnant and are planning to give birth at a participating hospital.



[www.canadianchildstudy.ca](http://www.canadianchildstudy.ca)

## WHAT IS CHILD?

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CHILD is a new National Study of 5,000 children born in different provinces across Canada. The full title of the study is The Canadian Healthy Infant Longitudinal Development (CHILD) Study.

By “longitudinal development” we mean we would like to look at your child’s health on several occasions to see how they grow and learn over time.

This type of longitudinal study is called a “birth cohort” because all of the children will be born in the same time period.

## WHY IS THIS RESEARCH BEING DONE?

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There is growing concern about the effects of the environment on our health. Studies suggest that the common substances we are exposed to in our homes may affect our children’s health and development. In particular, since infants spend most of their time indoors, we need to understand what impact indoor air quality

may have on their health. Our indoor environment has become a public health priority.

## WHAT IS THE PURPOSE OF THIS STUDY?

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The main purpose of this study is to learn what factors in the environment may affect your child’s health and development.

One example of possible environmental health effects is the dramatic increase over the last 20 years of allergic diseases, such as food and pet allergies, eczema, allergic rhinitis, and asthma. Changes in the environment may be one reason why more children have allergies and asthma. Also, how and where your child sleeps may also be important in how they grow and learn.

We want to collect information about your child’s health, sleep and surroundings over the next five years. This may help us identify factors that could be driving these conditions and

learn more about what good sleep habits are. Making a healthy sleep environment may help all Canadian children learn and grow better. This will help us make a healthy and safer environment for children and their families in the future.

## WHO IS PAYING FOR THE STUDY?

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The study is supported primarily by the Canadian Institutes of Health Research (CIHR), and the Allergy, Genes and Environment Network of Centres of Excellence (AllerGen NCE). This central funding will be supplemented by other research agencies.

## WHO CAN I TALK TO ABOUT THE STUDY?

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For more information you can call the Edmonton Study Coordinators:

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**Dellanee Kahlke:** 780 - 407 - 8064  
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Check our website:  
[www.CanadianChildStudy.ca](http://www.CanadianChildStudy.ca)