



THE UNIVERSITY
OF QUEENSLAND
AUSTRALIA

Create change

UQ CHILD HEALTH RESEARCH CENTRE

Shaping lifelong health

TACKLING GLOBAL CHALLENGES IN CHILD HEALTH

Established in 2015, our centre brings together some of UQ's leading researchers to tackle global challenges in child and adolescent health. With specialists in nutrition and growth, respiratory disease, allied health, environmental health, burns, infectious diseases, psychology and more, our research is making a difference to the health of children everywhere.

UNITED IN OUR PASSION FOR CHILD HEALTH

Our researchers are people who care deeply about the health of children. They work closely with doctors, nurses, allied health professionals and other health specialists to make life better for children. Their research is practical and seeks to answer questions like:

- How does a mother's health at conception and during pregnancy affect the health of babies?
- How do we prevent burns in young children?
- What are normal viruses in young children and will they influence a child developing asthma later on?
- How do infant feeding practises shape future health?
- How does a child's gut bacteria influence their likelihood of becoming obese?
- Can we prevent severe aspects of cerebral palsy by identifying babies early and offering rehabilitation programs soon after birth?



www.child-health-research.centre.uq.edu.au

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Research improving kids' lives



OUR RESEARCH GROUPS

- The Children's Lung, Environment and Asthma Research Group
- Queensland Cerebral Palsy Rehabilitation and Research Centre
- Children's Health and Environment Program
- The Centre for Children's Burns and Trauma Research
- Children's Nutrition Research Centre
- Allied Health Research Group
- Biostatistics and Epidemiology Research Group
- Herpesvirus Research Group
- The Queensland Paediatric Infectious Diseases Group
- The Queensland Children's Tumour Bank
- The Psychosocial Health and Wellbeing in Healthcare group

UNDERSTANDING WHAT MAKES A HEALTHY CHILD

Our researchers aim to prevent disease and disability by exploring a range of factors that influence child health including:

- the health of mothers and fathers at conception and during pregnancy,
- an infant's early nutrition,
- a child's body composition and growth,
- the impact of prematurity on brain development and function,
- a child's early exposures to viruses and infectious diseases, and
- a child's early exposures to environmental toxins and hazards.

Our researchers are also working to improve diagnostics and revolutionise treatment methods.

PARTNERING FOR SUCCESS

The UQ Child Health Research Centre is located within the Centre for Children's Health Research (CCHR), a purpose-built facility adjacent to the Lady Cilento Children's Hospital. Partners in the centre include Children's Health Queensland, Queensland University of Technology (QUT), and The University of Queensland through the UQ Child Health Research Centre.

HOW OUR RESEARCH IS HELPING KIDS

Helping kids with cerebral palsy

Our Cerebral Palsy and Rehabilitation Centre researchers have been trialling a home-based rehabilitation program for children with Cerebral Palsy and Acquired Brain Injury living in rural and remote areas. The results are very promising with children making significant gains in strength, physical capacity, balance, and more - all without having to leave the comfort of their homes!

Protecting kids from infection

The Queensland Paediatric Infectious diseases team is working to provide rapid diagnostics and enhanced detection tools for viruses affecting children with compromised immunity, such as those who have had a bone marrow transplant. This information will help to prevent these vulnerable children from succumbing to infection.

Helping parents to make good choices

Our Children's Nutrition Research Centre is helping parents to understand whether toddler formulas are beneficial for children. With ongoing debate about whether to give young children toddler formula (that contains added nutrients and probiotics) or cow's milk, this study and others are giving parents and health professionals the information they need to make good choices about nutrition.

Protecting children in poor countries

Some of the world's most disadvantaged children live in South-East Asia, where there are significant threats to child health through environmental contamination. Our Children's Health and Environment Program is providing research leadership within our region to help developing countries to identify and respond to health issues.

Brighter futures for kids with burns

Our Centre for Children's Burns and Trauma Research aims to prevent burns, maximise first aid, reduce the psychological trauma of treatment and minimise long-term scarring. A study has just commenced to provide emotional and practical support to help children disfigured by burns.

WE NEED YOUR SUPPORT

Our dedicated researchers need your support. Our centre needs funds to:

- support vital research projects
- purchase hi-tech research equipment
- support our brightest students in beginning their research careers
- attract senior researchers to Brisbane to help drive world-class research in our own backyard.

To donate, contact:

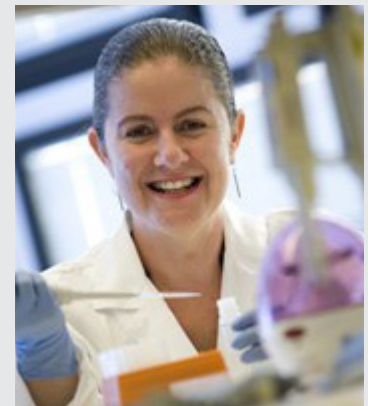
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OUR DIRECTOR



Professor Karen Moritz
Fetal Physiology Specialist

"I'm excited to be at the helm of a centre where

our researchers work hand in hand with leading academics, clinicians and industry partners. Together we endeavour to understand the factors that ensure health in childhood, and how to prevent and treat disease and disability. There are many ways that people can be part of our research - be it through supporting us with funding, by participating in our research, or through collaboration. It's a truly inspirational team with an inspirational mission and I'm proud to lead a group of people that combine world-class expertise with compassion and care."

MORE INFORMATION

For further information on child health research at UQ:

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