

## APPROVED PROJECT GRANTS 2008

This document provides details of the successful CRF project grants to commence in 2008. The grants are listed in alphabetical order by Institution.

Number of applications supported: 24  
Total funding: \$939,000

<b>CHILD HEALTH RESEARCH INSTITUTE</b>		
<b>Chief Investigator</b>	<b>Project</b>	<b>Amount (excl. GST)</b>
Barry Powell	Control of cranial bone growth by glypicans	<b>45,000</b>
Lisa Smithers	Does supplementation with DHA during pregnancy improve visual development of term infants?	<b>47,000</b>
<b>Total</b>		<b>\$92,000</b>

<b>CHILDREN YOUTH AND WOMEN'S HEALTH SERVICE</b>		
<b>Chief Investigator</b>	<b>Project</b>	<b>Amount (excl. GST)</b>
Donald Anson	What is the relationship between expression of CFTR and correction of cystic fibrosis airway disease? <i>Second year funding</i>	<b>45,000</b>
William "Bill" Hague	The MiG-TOFU study: mothers and their offspring at 2 years: body composition, insulin resistance and development <i>Second year funding</i>	<b>35,000</b> <b>Successful with NHMRC Funding</b>
James Martin	Respiratory control disorder in infants: A new syndrome?	<b>38,000</b>
Cuong Tran	Fractional absorption of zinc and gut function in children with Coeliac Disease <i>Second year funding</i>	<b>30,000</b>
Cory Xian	Protective effects of antidote folinic acid in methotrexate chemotherapy-induced bone growth defects	<b>50,000</b>
<b>Total</b>		<b>\$163,000</b>

<b>FLINDERS UNIVERSITY</b>		
<b>Chief Investigator</b>	<b>Project</b>	<b>Amount (excl. GST)</b>
A Simon Carney	Does Laryngo-pharyngeal Reflux Disease have a role in adenoid tissue hypertrophy in children - as identified through the presence of pepsin, depression of Carbonic Anhydrase III and induction of cyclo-oxygenase-2 expression. A non-randomised control trial	<b>10,000</b>
Shiwani Sharma	A proteomics approach to congenital cataracts	<b>46,000</b>
Nicola Spurrier	Supporting family lifestyle change for children with obesity through a novel home-based intervention.	<b>29,000</b>
<b>Total</b>		<b>\$85,000</b>

<b>FLINDERS MEDICAL CENTRE</b>		
<b>Chief Investigator</b>	<b>Project</b>	<b>Amount (excl. GST)</b>
David Gordon	Mechanisms of cellular entry of human metapneumovirus – exploring novel approaches to treatment of infection.	<b>40,000</b>
<b>TOTAL</b>		<b>\$40,000</b>

<b>MENZIES SCHOOL OF HEALTH</b>		
<b>Name</b>	<b>Project</b>	<b>Amount (excl. GST)</b>
Naor Bar-Zeev	Burden of severe disease due to influenza and other respiratory viruses in Aboriginal children in the Northern Territory	<b>40,000</b>
<b>Total</b>		<b>\$40,000</b>

<b>NOVITA CHILDREN'S SERVICES</b>		
<b>Chief Investigator</b>	<b>Project</b>	<b>Amount (excl. GST)</b>
Tim Connell	Improving children's quality of life after acquired brain injury	<b>40,000</b>
Parimala Raghavendra	Making music through movement: The efficacy of the Virtual Music Instrument (VMI) for developing early communicative and play behaviours in children with severe and multiple disabilities.	<b>48,000</b>
Parimala Raghavendra	Participation Profile of children with physical disabilities with and without complex communication Needs: Association between Social Networks, Communication, Activity engagement and Time use.  <i>Second year funding</i>	<b>44,000</b>
<b>Total</b>		<b>\$132,000</b>

<b>UNIVERSITY OF ADELAIDE</b>		
<b>Chief Investigator</b>	<b>Project</b>	<b>Amount (excl. GST)</b>
Caroline Crowther	Dietary and lifestyle advice and treatment for women with borderline gestational glucose intolerance.	<b>49,000</b>
Melinda Jasper	Macrophage-remodelling of the uterine epithelium for pregnancy success	<b>29,000</b>
Karen Kind	Developmental programming of metabolic and cardiovascular health – transgenerational effects of pre and early postnatal nutrition?	<b>20,000</b>
Judy Morona	Treatment and/or prevention of pneumococcal disease by designing novel drugs targeting capsule biosynthesis proteins CpsB and CpsD	<b>45,000</b>
Julia Pitcher	Corticospinal development and motor function in children born prematurely	<b>46,000</b>
Claire Roberts	Angiogenic factors and pregnancy complications that compromise maternal, fetal and infant health	<b>49,000</b>
Uwe Stroehler	Characterisation of Virulence Genes of Streptococcus pneumoniae Involved in Otitis Media	<b>47,000</b>
Paul Thomas	Identifying the genetic pathology of the mental retardation syndrome X-linked Hypopituitarism using mouse models	<b>45,000</b>
<b>TOTAL</b>		<b>\$330,000</b>

<b>UNIVERSITY OF SOUTH AUSTRALIA</b>		
<b>Chief Investigator</b>	<b>Project</b>	<b>Amount (excl. GST)</b>
Beverly Muhlhausler	Intrauterine growth restriction and the early origins of the metabolic syndrome <i>Second year funding</i>	<b>22,000</b>
<b>Total</b>		<b>\$22,000</b>