

The Physical and Developmental Environment of the High Risk Infant “Gravens Down Under”

24 April 2008

*Gold Coast, Queensland
Australia*

*Please visit the conference web site,
<http://psanz08.eventplanners.com.au>
and click on the “Gravens Down
Under” tab for more information on:*

- Registration instructions
- \$50 (Australian) Discount for Dual Registration with the Perinatal Society of Australia and New Zealand meeting, 21-23 April 2008
- Housing/Accommodation
- Information on the Gold Coast, Queensland, Australia
- Exhibit, Advertising, and support opportunities

Sponsored by:

The Physical and
Developmental Environment
of the High Risk Infant Program
College of Public Health
University of South Florida
Tampa, Florida USA

*Sculpture by Jane DeDecker
Loveland, CO*



The Physical and Developmental Environment of the High Risk Infant

Program Description: State-of-the-art medical care has progressed substantially, leading to increased survival of high risk infants. The challenge is to ensure they and their families thrive. Current research shows that ill and premature neonates are especially vulnerable to their environment because their physiologic, sensory and neurological systems are not yet mature. It is imperative as clinicians and decision-makers to understand the effects of the physical and developmental environment on neonate and their families, particularly those which lead to adverse outcomes, developmental delay and disability.

This one day conference provides current scientific evidence for the environment's impact on human development, and describes design standards and caregiving practices needed to support change toward optimal evidence based practice.

Conference goals: This conference is designed to:

- Provide foundational information regarding the development of sensory and neurologic processes, including sensitive periods during fetal/newborn development.
- Discuss the scientific foundation for the environmental impact on the developing brain.
- Provide a perspective on the impact of architectural design in the provision of family centered care.
- Provide a perspective on the family as providing the most essential environment for a high risk newborn.
- Increase participant awareness of using evidence to influence the change process; a phenomenon involving intellectual, emotional and physical dimensions.

Agenda

7:30 AM – 8:00 AM	Registration; Exhibits open	
8:00 AM – 8:15 AM	Welcome & Introductions.....	<i>Joy Browne</i>
8:15 AM – 9:00 AM	The Perinatally Stressed Brain: Early Environmental Effects on Later Behavioral Outcomes.....	<i>Katharina Braun</i>
9:00 AM – 9:45 AM	Developmental Care: Promoting the Relationship Environment for High Risk Infants and Families	<i>Joy Browne</i>
9:45 AM – 10:30 AM	Sensory Development and Effects of the Environment	<i>Stan Graven</i>
10:30 AM – 11:00 AM	Refreshment Break & Exhibits	
11:00 AM – 11:45 AM	Design of NICUs to Support Families	<i>Marie-Andree Fournier</i>
11:45 AM – 12:30 PM	Design Standards for Promoting Optimal Infant Development and Family Supports: International Experiences	<i>Robert White</i>
12:30 PM – 1:30 PM	Lunch (provided) & Exhibits	
1:30 PM – 2:15 PM	Designing NICUs: An Australasian Experience.....	<i>Carl Kuschel</i>
2:15 PM – 3:00 PM	Using Evidence to Support Practice Change.....	<i>Kaye Spence</i>
3:00 PM – 3:30 PM	Refreshment Break & Exhibits	
3:30 PM – 4:15 PM	The Change Process in the NICU.....	<i>Stan Graven</i>
4:15 PM – 4:45 PM	Panel Discussion; Questions from the audience	<i>Faculty</i>
4:45 PM – 5:00 PM	Evaluation & Wrap-up	

Faculty

Joy V. Browne, PhD, RN
PROGRAM DIRECTOR
Denver, Colorado

Carl Kuschel, MBChB
Melbourne, Australia

Katharina Braun, PhD
Magdeburg, Germany

Kaye Spence, AM, RN, RM, BEd, MN
Sydney, Australia

Marie-Andree Fournier, PhD
Perth, Western Australia

Robert White, MD
South Bend, Indiana

Stanley N. Graven, MD
Tampa, Florida

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