

Community Education Service

The Forgotten Parent: The importance of fathers and their experience on the brain development of their children

Dr. Robbin Gibb, Associate Professor at the Canadian Centre for Behavioural Neuroscience

Her research focuses on the impact of early experience on brain development through the lifespan and how prenatal exposure to a variety of experiences can alter brain connectivity, impact behaviour, and affect recovery from brain injury. She is currently investigating the effectiveness of an early enrichment program aimed at building executive function in preschool children. Dr. Gibb is a steering committee member of the Lethbridge Frontiers of Innovation project; Building Brains and Futures: One Connection at a time.

April 19, 2018

6:30 pm - 8:00 pm

Sign in: 6:15pm

South Health Campus
Auditorium A , 2nd Floor
4448 Front St SE, Calgary

Session is FREE
of charge/
Parking fees
may apply

Register: <http://community.hmhc.ca/>

For more information: email ces@ahs.ca or call (403) 955 - 4747

LEVEL II COURSE:

Experience has a profound effect on the developing brain. It is known that Mothers have a tremendous influence on their babies but the role of Fathers is less well studied. The fundamentals of brain development and the science of epigenetics: the study of gene environment interactions will be summarized.

By revising societal views on paternal contributions to offspring development we can effect changes in health policy targeting public awareness. A more holistic family focus will benefit children by improving both mental and physical health outcomes.

Learning Objectives:

1. Attendees will learn about epigenetic and how experiences influence brain development.
2. Intergenerational and transgenerational transfer of epigenetic information will be defined and discussed.
3. The importance of paternal involvement in child rearing will be discussed with an emphasis on the need to include fathers in health policies regarding children