



| Behavioural Areas       |   |  |  |  |
|-------------------------|---|--|--|--|
| BEHAVIOURAL<br>AREAS    | DEFINITION  |  |  |  |
| Self-Regulation         | Ability/ willingness to calm, settle, or adjust to physiological or environmental<br>conditions   |  |  |  |
| Compliance              | Ability/ willingness to conform to the direction of others and follow rules   |  |  |  |
| Communication           | Verbal/ nonverbal signals that indicate feelings, affect, internal states   |  |  |  |
| Adaptive                | Ability/ success in coping with physiological needs   |  |  |  |
| Autonomy                | Ability/ willingness to establish independence  |  |  |  |
| Affect                  | Ability/ willingness to demonstrate feelings and empathy for others   |  |  |  |
| Interaction with People | Ability/ willingness to respond or initiate social responses with caregivers, adults, peers   |  |  |  |
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# The Challenge

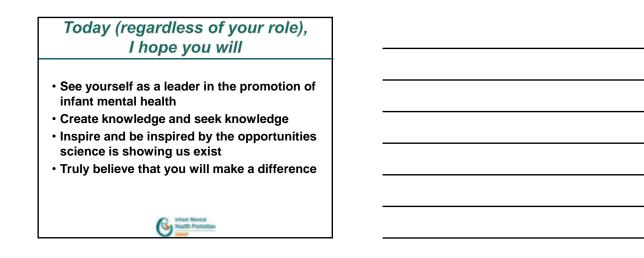
- In Canada, there are no certifications for infant mental health
- Services vary tremendously within provinces and across the country
- We know for services that do exist, most communities experience significant waiting lists
- We have no formal system for recognizing when development is derailed

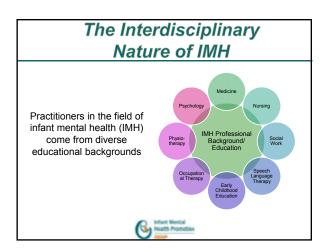


## Your Context....

- Many of you deal with the most vulnerable people within Canada – those most vulnerable to poor mental health
- They have no voice
- They are dependent on those around them to protect them from harm and meet their basic needs
- They are at HIGH risk for a lifetime of poor outcomes physically, emotionally and cognitively







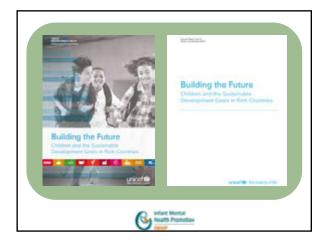








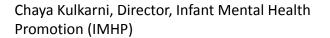




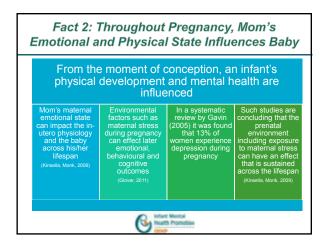
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| Responden<br>Innersteine<br>R Production | Gunday<br>Manadam                      | Depart Hark &<br>Annumit<br>Growth   | Reduced<br>Inspection   | Sustainable<br>Otion &<br>Communities                              |  |                            | Anna anna<br>A Sang<br>Anna anna            | _  |
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WHAT ARE THE FACTS OF INFANT MENTAL HEALTH?

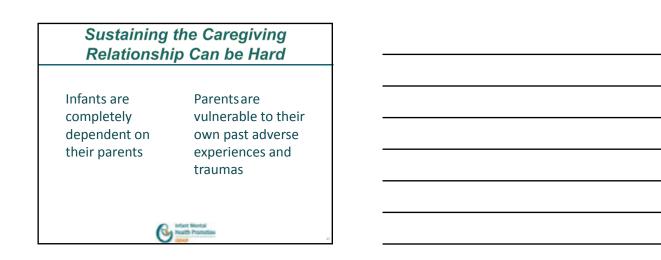


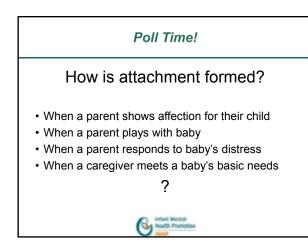




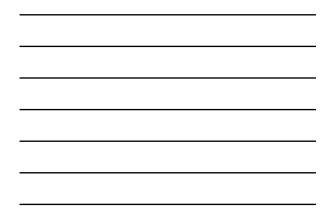


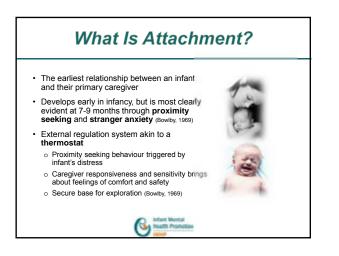














| Strat                   | tegies In    | volve                     |
|-------------------------|--------------|---------------------------|
| Up-playing<br>distress  | Resistant    | "I need you always."      |
| Downplaying<br>distress | Avoidant     | "I don't need you."       |
| Confusion to dilemma    | Disorganized | "I'm scared to need you." |
| ×                       |              | Ella, 2017                |
|                         | Health Prom  | ation                     |



| Attachment  | Bonding   |
|---|---|
| <ul> <li>Scientific term to describe</li></ul>            | <ul> <li>Parents' &amp; primary caregivers'</li></ul>               |
| infant's relationship with the                            | surge of love and tenderness felt                                   |
| parent or primary caregiver (felt-                        | towards the infant <li>Ongoing relationship that is</li>            |
| sense of safety) <li>Degree of security "determined"</li> | emotionally meaningful and  |
| through parents' responsiveness                           | creates desire to maintain mutual                                   |
| and sensitivity <li>Developmental process over the</li>   | contact <li>Can develop well before birth of</li>                   |
| first two years of life <li>Child's point of view</li>    | infant (i.e., at conception) <li>From the parents' perspective</li> |

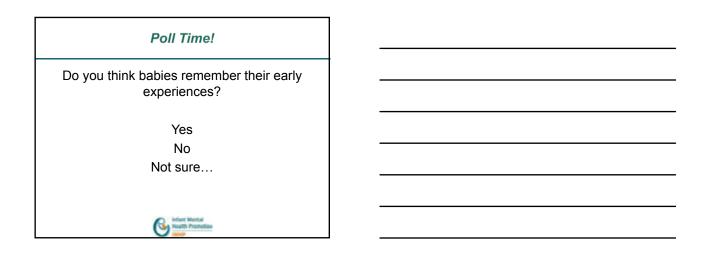
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## Emotional Development Consequences

- Meta-analyses → consistent associations between PPD and insecure attachment (Martins and Gaffan, 2000; Atkinson et al., 2000; Campbell et al., 2004)
- For infants, insensitive or unresponsive parenting has been found to be among the strongest predictor of insecure attachment (e.g., Egeland & Farler 1984) and infants' difficulty in establishing effective self-regulation skills (e.g., Tronick & Gianio 1986)

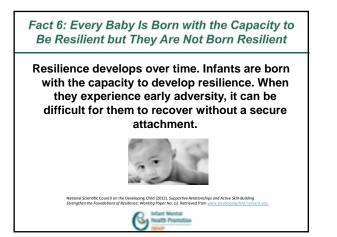
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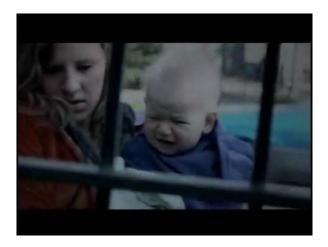




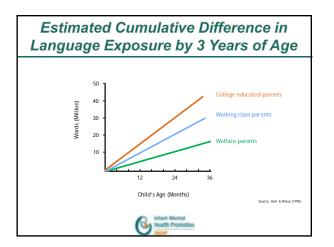




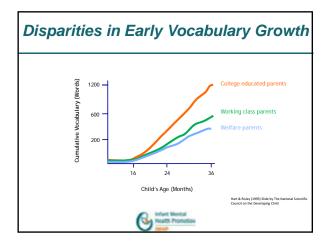








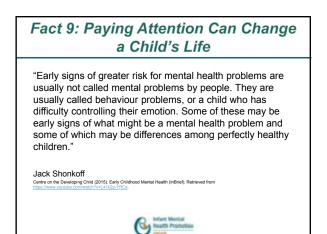




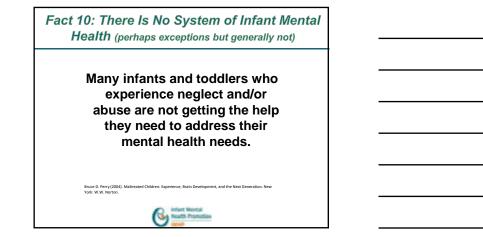




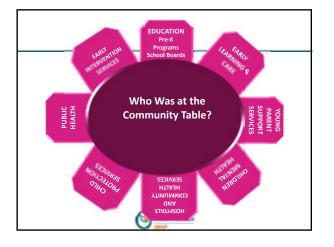














### Identifying Key Themes across All Communities

1. The current system of supports for families is fractured increased communication and transparency between sectors is imperative

2. There is a need for increased awareness surrounding IMH across a wide range of disciplines and professional bodies (e.g., post-secondary education sector, medical professionals, early interventionists, etc.)



## Identifying Key Themes across All Communities

3. Knowledge is limited and varied - Those working with infants and families come from various backgrounds with various levels of training and no common body of knowledge of infant mental health and early development







### Identifying Key Themes across All Communities

5. Ensure screening with a strong social emotional component - Screening initiatives, protocols and tools for developmental screening are not consistently available or used

6. Waiting lists are a significant concern and often derail development further while leaving those referring feeling they have done something



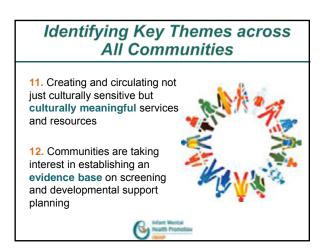


### Identifying Key Themes across All Communities

9. Need for a shared standard of practice regarding organizational policies and practices that support infant mental health in order to identify gaps and opportunities

**10.** Must reach out to higher level stakeholders (e.g., government, ministry, LHIN) to instill **widespread policy changes** 

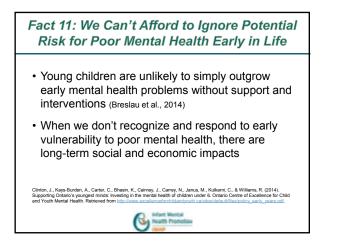


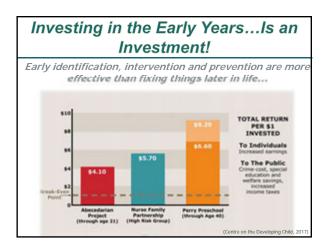










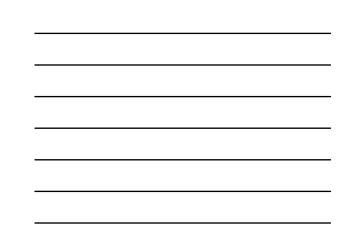


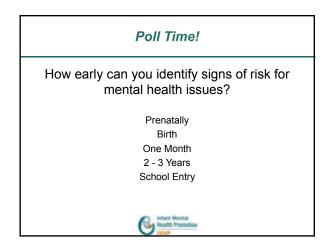


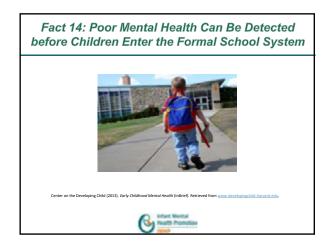




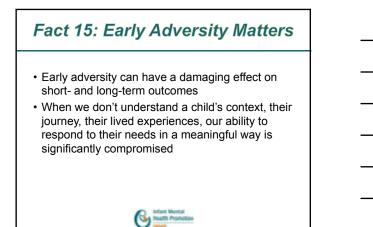






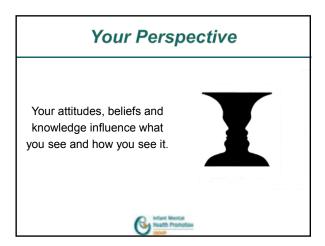


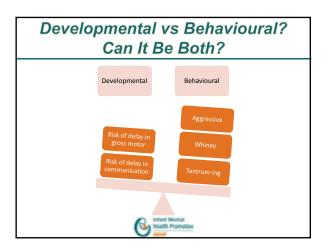




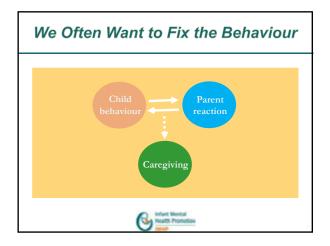
WHAT INFLUENCES INFANT – EARLY MENTAL HEALTH OUTCOMES?

Health Promo

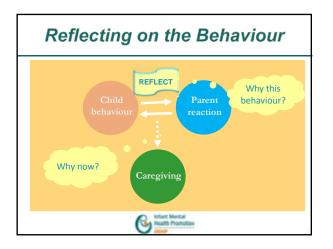




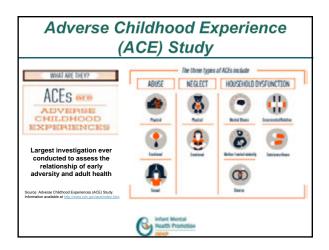




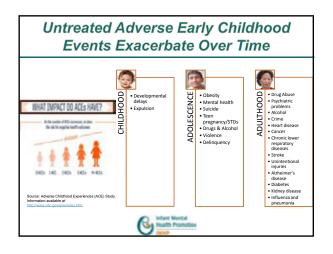
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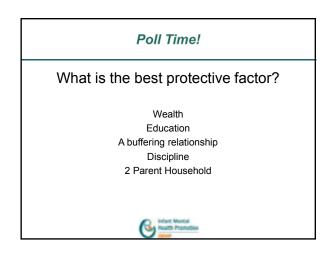


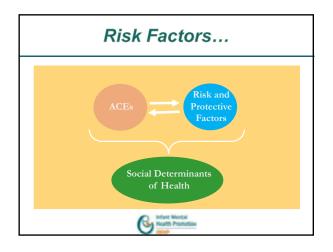




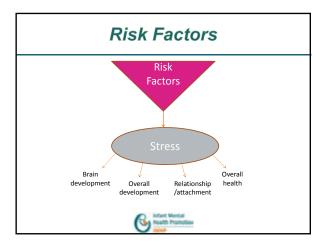






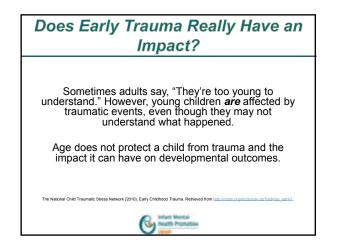








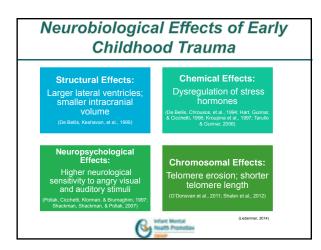








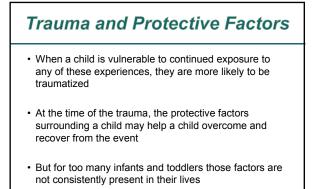




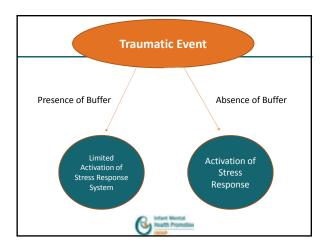






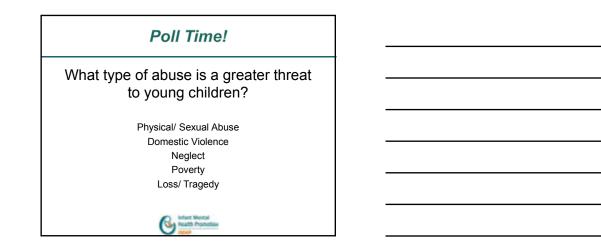












# Concept 1

- Neglect can be a greater threat to development than abuse
- The impact of neglect will be different depending on the child's age
- For infants and toddlers, we see delays in their ability to understand and manage emotions, cognitive delays, impairments in executive functioning and stress response
- Just removing a child from an environment of severe neglect is not a guarantee of positive outcomes

National Scientific Council on the Developing Child (2012). The Science of neglect: The Persistent Absence of Responsive Care Disrupts the Developing Brain: Working Paper 12. Retrieved from <u>http://www.developingc</u>hild.harvard.edu.



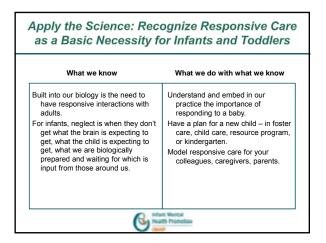






## What Should We Be Asking?

- What could the conversation be?
- What is preventing the staff from being responsive?
- Are babies really so clever and manipulative?
- What do we know about Amy's caregiving at home to help us learn how to comfort her?
- How can staff plan ahead for the arrival of a child into a program

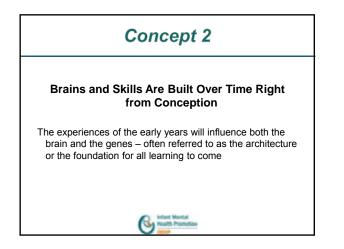




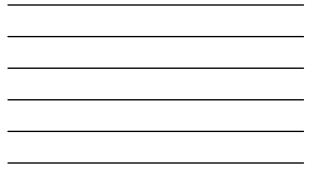
### What Else Can Be Done to Strengthen IMH Practice?

- Actively encourage greater empathy for children experiencing difficulty
- Print off the brief from the Centre
- · Leave the slides from today in the staff room
- Speak to the supervisor about adding this to the next staff meeting
- Attend/view IMHP rounds accessible through the archive
- Identify conferences, etc. that you and other staff can attend to strengthen your knowledge









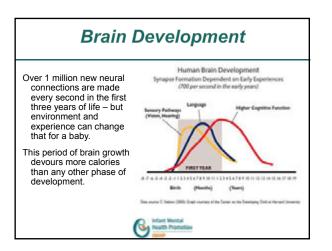
# Critical Periods

- Critical periods of brain development are times of significant opportunity
- Experiences that occur during critical periods have an extraordinary power to shape brain development
- These periods tend to occur early in life, making early experiences important to understand
- Based on the instructions received from the system, the brain may adapt to optimize the expectation of a similar experience in the future

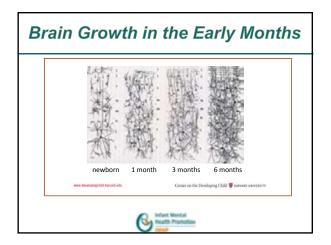


| Poll Time!  |
|---|
| How many synapses are formed each second in a baby's brain? |
| 500<br>2,500<br>75,000<br>500,000<br>1,000,000 +            |
| Notaria Mental<br>Health Promotion                          |

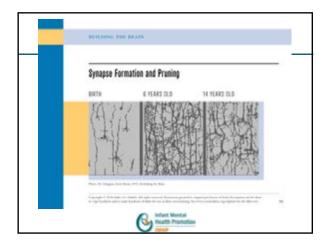


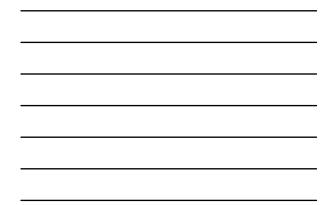












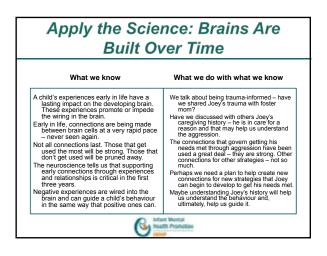




## What Should We Be Asking?

- What has Joey learned up to this point about managing different emotions?
- Do we know if Joey has ever had the chance to learn ways of managing his emotions and behaviour?
- How much of Joey's past is influencing his behaviour?
- How can we move from managing the behaviour to understanding the behaviour?



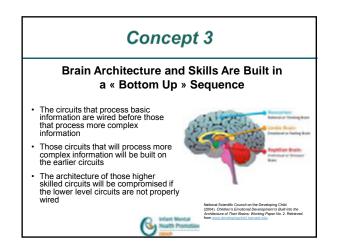


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### What Else Can Be Done to Strengthen IMH Practice?

- Review a child's social history
- Think about what care-getting strategies may be wired into the child's brain
- Share the child's history with the child's caregivers (i.e. foster parents, teachers, etc.)
- · Identify how the child can learn other strategies

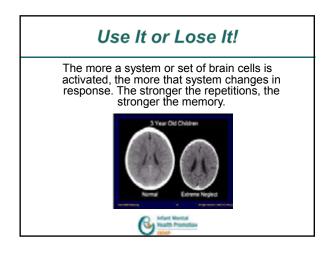




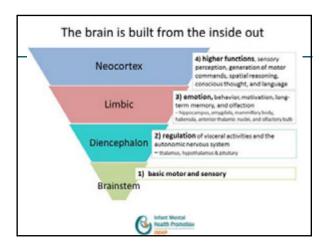






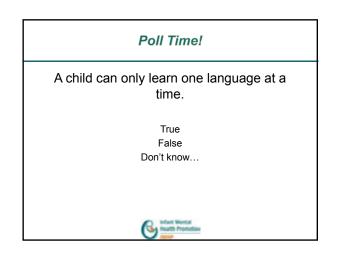


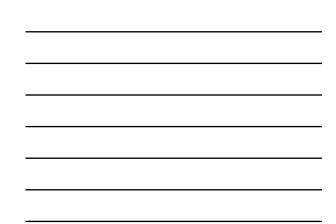










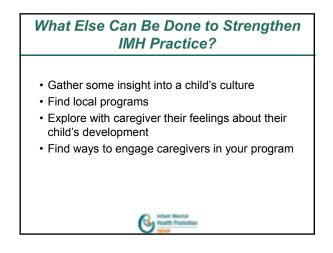


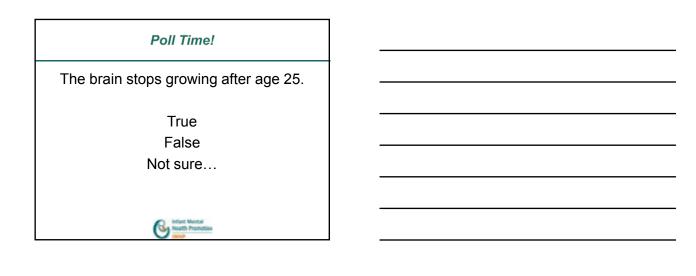
- · How is mom feeling about Yan going to school?
- What language is spoken at home?
- How much time has Yan spent with other children?
- · Has Yan spent any time away from mom?
- How do children from Yan's community typically prepare for school?
- How does mom think Yan is feeling about starting school?
- Has Yan socialized with English speaking children?
- · Does Yan speak at home?
- · Is this about language or something else?

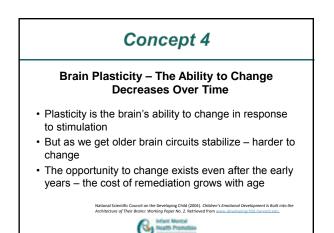


# Apply the Science: Brain Architecture & Skills Are Built in a Bottom-Up Sequence

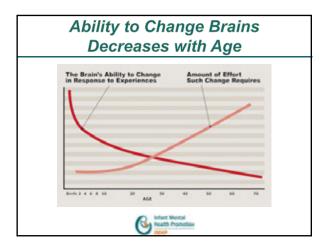
| What we know  | What we do with what we know   |
|---|--|
| Brain circuitry is complex –<br>dependent on and driven by<br>relationships.  | Encourage mom and Yan's teacher to<br>give Yan the opportunity to use<br>words to express herself.                       |
| The earliest circuits assume the<br>simplest of tasks.<br>Every subsequent layer assumes a<br>task more complex than the<br>preceding layer.<br>Complex functions take the longest to<br>be wired but depend on a solid<br>foundation of circuitry. | Offer mom strategies to encourage<br>Yan to talk. For instance, reading a<br>story together and asking Yan<br>questions. |
|   | Find a Hanen language program<br>accessible to mom.  |
|   | Schedule one home visit at the library<br>so mom and Yan can get a card<br>and meet the librarian.                       |



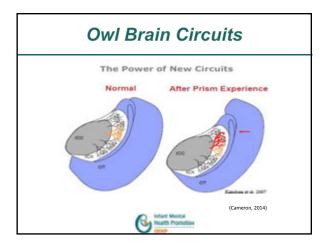












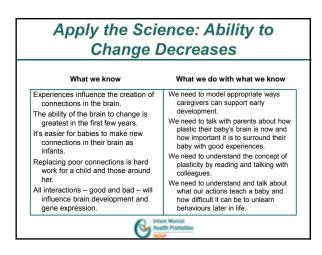




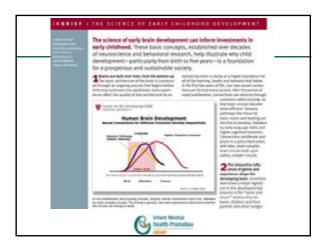


- · What was mom's parenting like?
- What does mom think Sierra is learning in terms of managing her distress and having her needs met?
- How is mom's lack of response influencing the attachment relationship?
- How are these inconsistent responses impacting Sierra's overall development?
- How can a conversation with mom begin....where would you start?

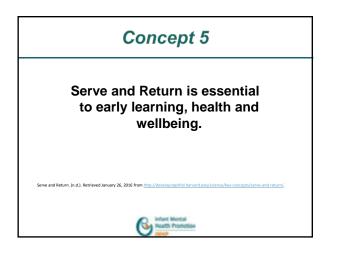


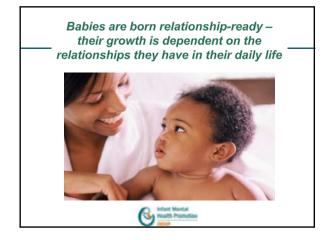


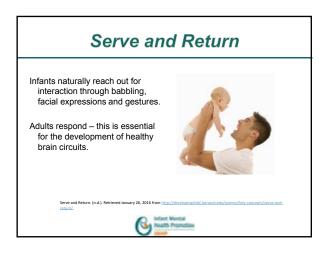




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#### What Kind of Relationships Do Babies and Toddlers Need to Support Their Mental Health?

- Responsive I am here to meet your needs, comfort you and protect you
- Engaged

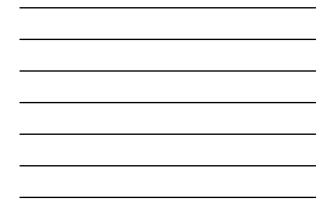
- I want to be with you, play with you, watch you grow and be a big part of your world as you are a big part of my world



- Present
- I am here in body, mind and soul , you have my full attention and my love



| Growing Together Every Day  | Be engaged   |   | LYLLWIN                          | LINE .   |
|---|--|---|----------------------------------|--|
| 6-3 months 6-6 months   | 2-st months  | 12-18 months  | 19-24 months                     | 25-34 months   |
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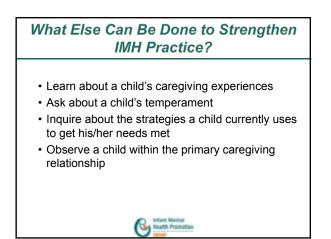


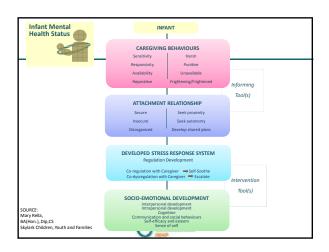
- · Prior to joining child, care who cared for Vlad?
- How much time has Vlad spent with other children or other caregivers?
- What does serve and return look like for Vlad?
- How does Vlad let mom know his needs?
- When Vlad gets upset, how does mom respond?
- When Vlad does not get his way and has a tantrum, how does mom respond?
- How would mom describe Vlad's temperament?
- How would mom describe her own temperament?
- What is the temperament of the practitioners in Vlad's child care room?



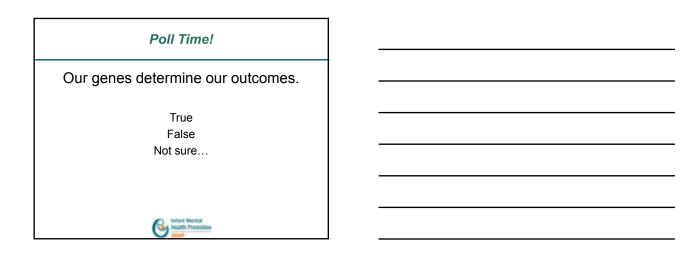
| Apply the Science: Serve & Return   |  |  |
|---|--|--|
| What we know  | What we do with what we know   |  |
| Experiences drive brain development<br>and influence the connections in<br>the brain.<br>Babies need positive interactions<br>throughout their day – as important<br>as good nutrition.<br>How we respond to a baby –<br>including their distress – will<br>influence how they manage such<br>feelings as an older child and into<br>their adult years. | With caregivers, talk about their baby's feelings – "What do you think she feels when you smile at her? Or when you don't respond to her cries?"<br>Coach and model positive serve and return during access visits.<br>Connect a child and family to services where positive serve and return will happen frequently (OEYC).<br>Share a video at your next staff meeting. Discuss the strategies that are typically used and how they might positively or negatively influence connections in the brain. |  |
| 6   | nt Meertai<br>25 Promotion   |  |

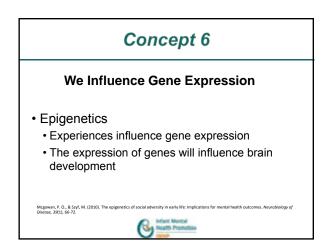
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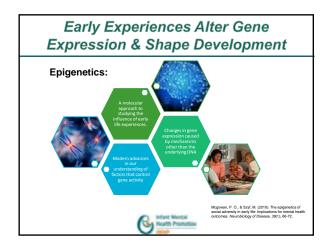




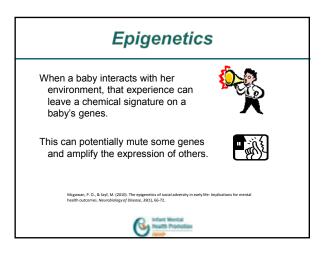




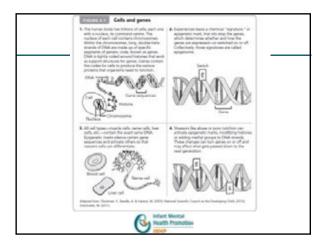




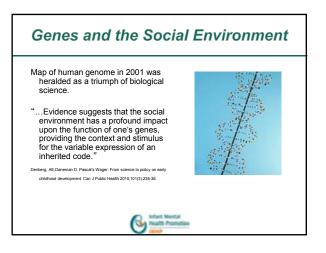


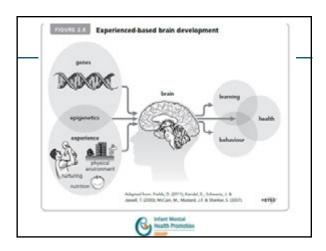


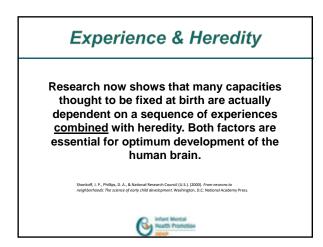




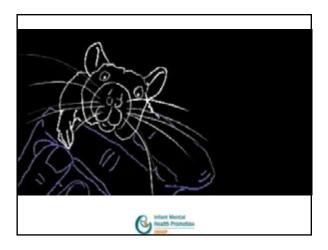






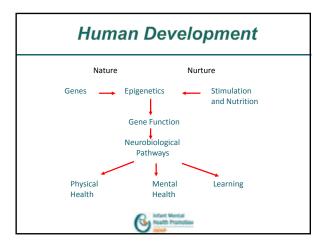






## Familial Transmission

- Epigenetics is helping us understand how maternal care is transmitted across generations
- Through epigenetics, we are gaining an understanding of how parents shape the future parental behaviour of their children
- Epigenetics helps us to understand the pathways environmental experiences take to become embedded internally within genes and, ultimately, brain architecture





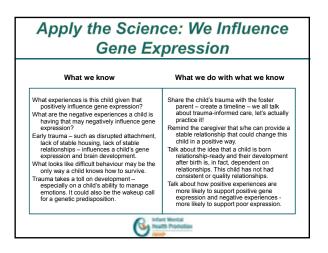
This Is Jonathon – 3 Years Old



## What Should We Be Asking?

- · What were the relationships like in previous placements?
- When did anyone first feel Jonathon was a challenging child? What was done when this concern was raised?
- Does Jonathon have a consistent caregiver/champion in his life?
- Does Jonathon have any siblings and if so, what does that relationship look like?
- What strategies are currently used when caregivers feel challenged by his behaviour? What works and what doesn't?
- Has Jonathon been screened for his development? If so, what was learned and what was the response?







#### What Else Can Be Done to Strengthen IMH Practice?

- Create a set of sensitive and respectful questions to learn about a family's history
- · Understand a child's social history from birth
- Learn about stressors mom experienced before, during or after pregnancy
- Observe the child and learn about how he manages
   emotions
- Monitor a vulnerable child's development
- Share information at staff meetings



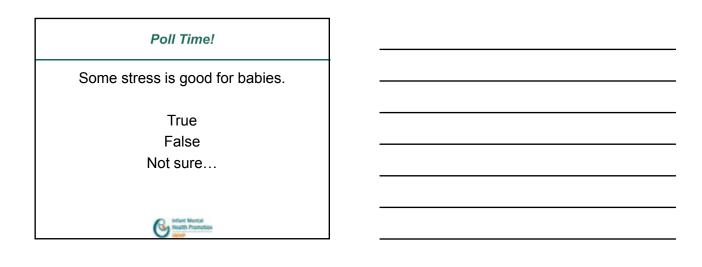
# Concept 7

#### **Toxic Stress Derails Development**

- Can be experienced by infants, toddlers and preschoolers
- For infants, the existence of such stress occurs within the primary caregiving relationship
- The impact of toxic stress on the development of a young child can alter development profoundly

Toxic Stress Derails Healthy Development. (n.d.). Retrieved January 26, 2016, from http://developingchild.harvard.edu/resources/toxic-stress-derails-healthy-development/

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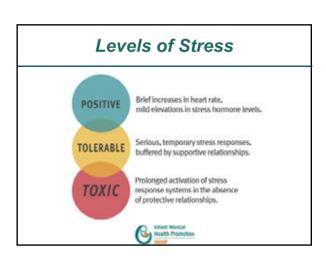
# Understanding Stress When Experienced by a Baby • Takes place in the caregiver relationship

- Not a specific event but <u>chronic</u> stress that impairs development
- The repetitive & sustained failure to help the infant manage distress
- When caregivers are extraordinarily inconsistent, frightening, intrusive or neglectful

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Toxic Stress Derails Healthy Development. (n.d.). Retrieved January 26, 2016, from http://developingchild.harvard.edu/resources/toxic-stress-derails-healthy-development

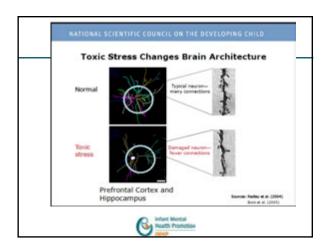
Health Promotion



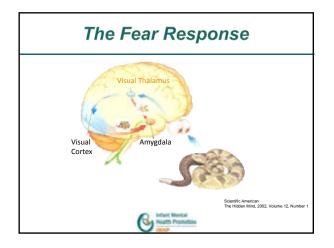




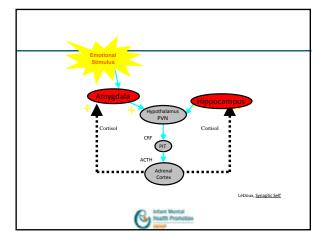


















- When Nzinga lost her parents who cared for her before she arrived in Canada? Did she have a consistent caregiver?
- Can anyone describe the caregiving Nzinga received was it supportive and responsive, or something else?
   In what way was Nzinga prepared for her move to Canada?
- In what way was Nzinga prepared for her move to Canada? What was she told? Were photos of her new family shared with her, for instance?
- What does Nzinga's family look like siblings, two parents etc.?
- If parents are working, who cares for Nzinga? If not, who is her primary caregiver?
- Has Nzinga's history been shared with her family and have they had a chance to understand how trauma as extreme as what Nzinga experienced can impact a young child?
- What strategies have been used until now?

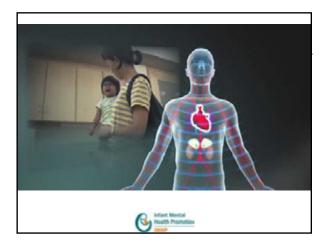


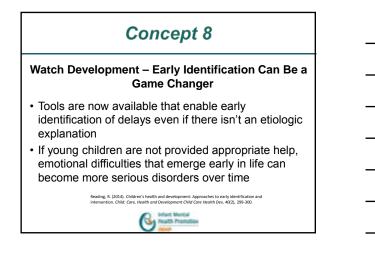


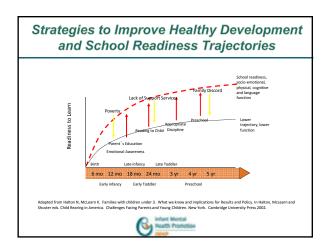
#### What Else Can Be Done to Strengthen IMH Practice?

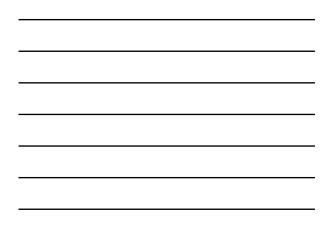
- Take time to learn about the stress a child may have
- What was the primary response to the child's stress in the past?
- How might the stress the child has experienced impact the child's wellbeing now?
- How might the knowledge about the child's stress influence your interactions with the child today?

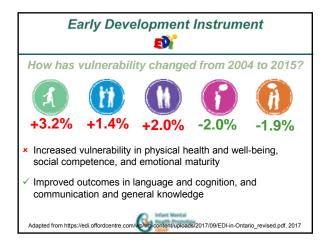








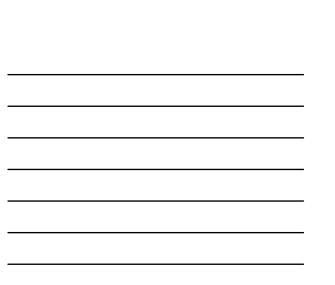








This Is Prem – 3.5 Years Old



## What Should We Be Asking?

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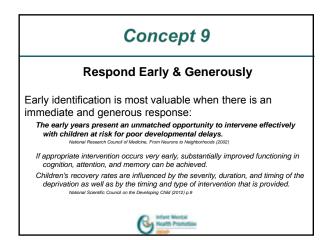
- How would Prem's parents describe his first year? Was he an active baby or quiet, easy to soothe or difficult?
- What types of activities did they do with Prem as a baby? As a toddler?
- Has Prem attended programs with other children and if so, when and what types of programs? Did Prem enjoy these?
- Currently, what types of activities do mom and dad do with Prem, and how often?
- Does Prem enjoy books and do they read with Prem? If so, how often?



| What do we know  | What we do with what we know   |  |
|--|--|--|
| For children facing adversity or<br>multiple risk factors, there is a<br>significant threat to development.                  | Screen children for all areas of<br>development – including social-<br>emotional. Make it part of your<br>program.                                     |  |
| Screening children facing such<br>factors can alert us to<br>developmental vulnerability.                                    | Begin to use a developmental screening<br>tool and combine this with<br>observation and interviews to<br>develop a developmentally informed            |  |
| Screening requires the use of a<br>validated tool and must have a<br>strong emphasis on social and<br>emotional development. | response to a child's needs. Refer<br>but have an immediate action plan.<br>Be a student of the child and family –<br>learn about what experiences may |  |
| Time spent on a screen has no developmental benefit to a child.  | have contributed.<br>Begin to include developmental screens<br>in your documentation.  |  |

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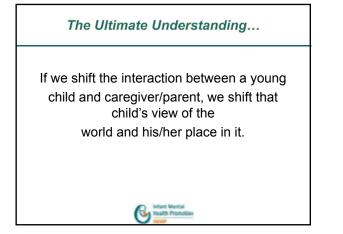






| Apply the Science: Leverage!   |  |  |
|--|--|--|
| What do we know  | What we do with what we know   |  |
| When preparing reports, am I<br>integrating the science into my<br>notes?<br>When creating a plan of care, am I<br>providing concrete actions that can<br>happen immediately (while a child<br>may wait for intensive services).<br>Am I sharing the science with the<br>larger team – lawyers, other<br>disciplines, supervisors? | For every conclusion you make about<br>the risks for a child, provide the<br>research reference to strengthen<br>your point.<br>All access should be therapeutic –<br>what do you do during access to<br>support the parent – share the<br>plan, review, prep for the visit, etc.<br>Create a package of the "science" for<br>the legal team and brainstorm how<br>this can be integrated.<br>Be creative – borrow creativity, beg if<br>needed. |  |







#### One LAST Poll...

Did you learn something today that you will use in your practice?

Yes! I'm inspired! I need to rethink some of my approaches! Some stuff was new. I already knew most of it... No way. This infant mental health thing is gobbledy-gook.



