

- * Faculty: Linda Uyeda, MD, CCFP
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 - * Grants/Research support: not applicable
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 - Delicable Patents: not applicable
 - Other: Forensic Physician Engagement Society, BCMHSUS Trauma Informed Practice Steering Committee, Surrey North Delta CYMHSU Local Action Team

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Disclosure of Financial Support

- This program has received financial support from: Doctors of BC's CYMHSU Community of Practice ACEs Working Group in the form of sessional payments
- Potential conflict(s) of interest:
 - none

Mitigating Potential Bias

* The information presented is in this presentation is evidence based and has been created alongside pending BC guidelines (BCguidelines.ca and the Doctors of BC, Practice Support Program: ACEs Module)

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Who Am I?

- 1. I'm a wife and mom
- 2. I'm a physician:
- MD, CCFP University of British Columbia
- Forensic Psychiatric Hospital GP Fraser Health Authority Youth Clinic Physician
- Mental Health and Parenting Educator
- 3. Mindfulness practitioner

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A Sensitive Topic

- * This topic can bring up strong feelings about our own past
- Deck in with your support system
- * Practice self compassion
- Consider contacting the Physician Health Program through the Doctors of BC



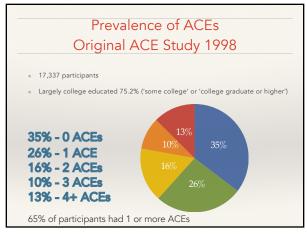
Learning Objectives

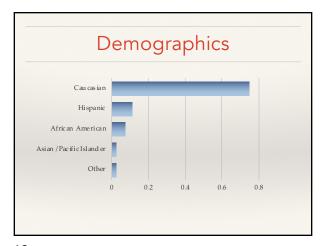
- Determine the importance of the ACEs study as a major healthcare concern
- Describe the physiologic changes that occur when a child is exposed to chronic toxic stress.
- Describe how we can prevent ACEs and learn to recognize and buffer children from the effects of ACEs.
- Establish the importance of ACEs and Trauma Informed Practice in a primary care setting

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Adverse Childhood Experiences Study https://vimeo.com/139998006 AJPMAmerican Journal of Preventive Medicine Articles & Issues - Prec DME Collections - For Authors and Reviewers - Journal Info - Society Info - Articles & Issues - Prec DME Collections - For Authors and Reviewers - Journal Info - Society Info - Articles & Issues - Prec DME Collections - For Authors and Reviewers - Journal Info - Society Info - Articles & Issues - Prec DME Collections - For Authors and Reviewers - Journal Info - Society Info - Articles & Issues - Prec DME Collections - For Authors and Reviewers - Journal Info - Society Info - Articles & Issues - Prec DME Collections - For Authors and Reviewers - Journal Info - Society Info - Articles - Info Collections - For Authors and Reviewers - Journal Info - Society Info - Articles - Info Collections - For Authors and Reviewers - Journal Info - Society Info - Articles - Info Collections - For Authors and Reviewers - Journal Info - Society Info - Info Collections - For Authors and Reviewers - Journal Info - Society Info - Info Collections - For Authors and Reviewers - Journal Info - Society Info - Info Collections - For Authors and Reviewers - Journal Info - Society Info - Info Collections - For Authors and Reviewers - Journal Info - Society Info - Info Collections - For Authors - Info Collections - For Authors

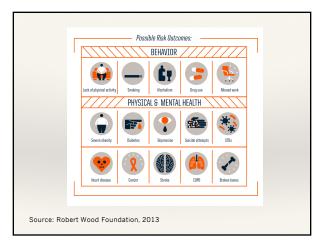
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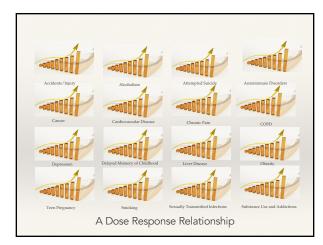


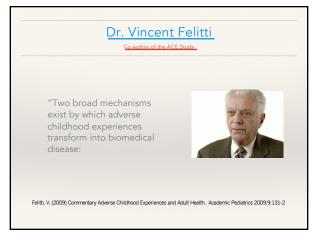


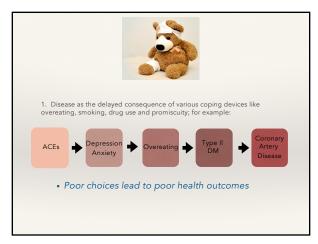
Adverse Childhood Experiences Personal: Household Dysfunction: Abuse 1. Physical Abuse 2. Emotional Abuse 3. Sexual Abuse Neglect 4. Physical neglect 5. Emotional neglect 10. Incarceration of a family member

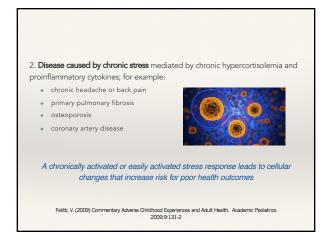
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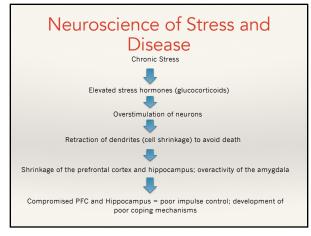


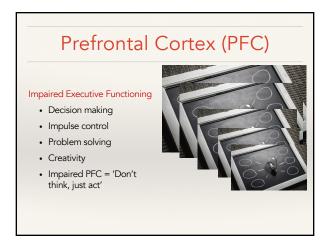








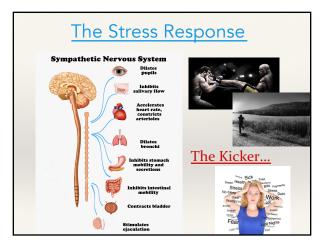


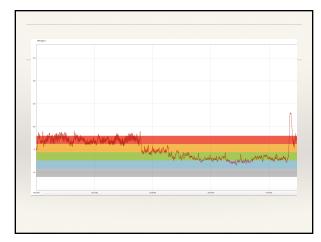


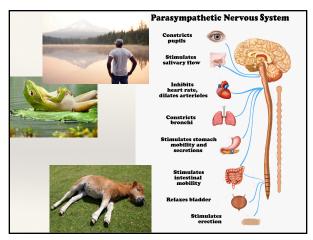
Hippocampus and Amygdala

- Hippocampus memory
- Amygdala hypertrophies
 - inability to control the fear response
 - hypervigilence and tension

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Not All Stress is Created Equally

- Normal stress: (Helps us build resilience)
 - Positive stress: new job, new baby
 - Tolerable stress: natural disaster, loss of a loved one
- Destructive stress:
 - Toxic stress poverty, abuse, neglect

Allostatic Load: the cost of overwhelming stress which creates chronic wear and tear on the body

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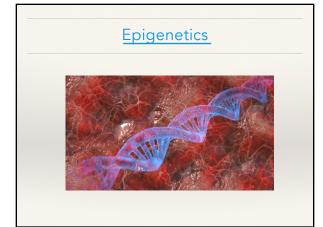
Stress is Universal but...

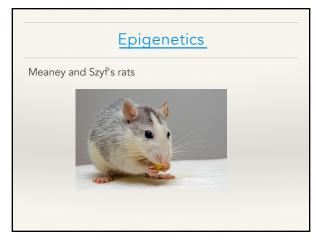
- * "The more it happens...
- * The longer it lasts...
- The earlier it starts...
- * The more trust is betrayed...
- * The more it is at the hands of other people...

The more challenging it's effects"

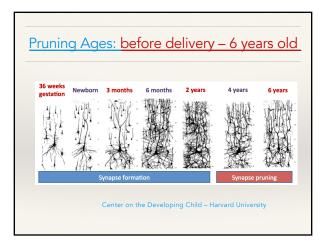
Bloom and Covington, 2018

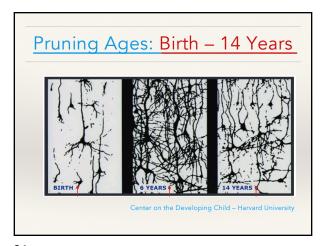
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Vittorio Gallese, MD - Street Youth of Sierra Leone

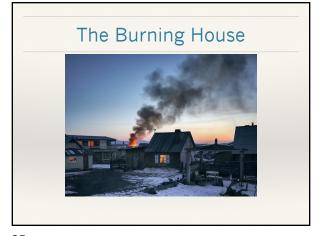
- The longer youth were exposed to maltreatment, the higher the percentage of anger false alarms
- Maltreated youth are more likely to interpret negative emotions as aggressive and act out accordingly

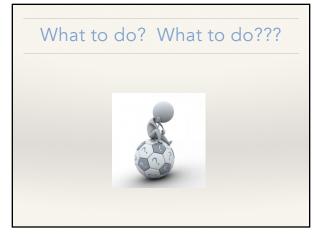


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This work is REWARDING Technician vs Healer



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Tackling ACEs

- Primary Prevention Social Determinants of Health; education of parents, teachers, physicians, anyone who works with youth
- Secondary Prevention identify people at risk and help them manage/mitigate their stress: mindfulness, CBT, yoga, exercise, sleep hygiene, use of technology, substances
- * Tertiary Prevention treatment for those who are sick

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Biggest Bang for your Buck...

- SECURE ATTACHMENT RELATIONSHIPS are the ANTIDOTE to TRAUMA
- Examine our own ACEs, patterns of parenting, and communicating with those around us. Utilize and promote SELF CARE



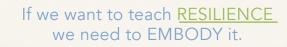
Trauma Informed Approach A behavioural system that protects the biologic

- Safety
- Trustworthiness and Transparency
- Peer Support
- Collaboration and Mutuality
- Empowerment, Voice and
- * Cultural, Historical and Gender Issues





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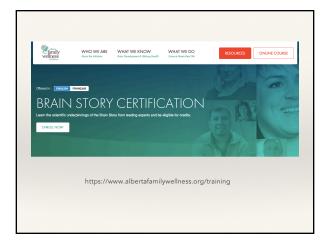


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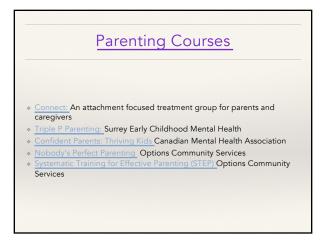
Beauty and Healing Power of Empathy and Compassion



Do people feel <u>SAFE</u> around me?









$\frac{\text{Is it important for your physician to know about ACEs?}}{\text{Why?}}$

- "Absolutely! Learning about the whole person giving us tools to be successful, not just giving us medication."
- "Yes, as with working with children, adults who feel heard and cared for will be more receptive to healing."
- "Yes, absolutely! Mental health affects physical health. I just had a doctor's appointment and my physician did not ask me about how I felt about what is going on with my health."

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Take Home:

- Our biology, our genetics/epigenetics are wise.
- $\diamond\,$ If a major root cause of illness is relational, the antidote then must also be relational.
- We can ALL be integral to changing our culture by genuinely slowing down and taking time to nurture our children in the Village of Upstream

Thank You Questions?	

For younger children: Sitting Still Like a Frog - Snel The Mindful Child - Kaiser Greenland Mindfulness Skills for Kids and Teens Burdick Taming Worry Dragons - Garland For Teens: Mindfulness for Teens - Vo Mindfulness Skills for Kids and Teens - Burdick For Young Adults: 10% Happier - Harris

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Resources:

- Becoming Attached Karen
- What's going on in there? Eliot
- Why Love Matters Gerhardt
 - Born for Love Perry
- Attached Levine and Heller
- The Science of Parenting -Sunderland
- Parenting from the Inside Out –
 Siegel and Hartzell
- The Mindful Parent Peterson
- Hold on to your Kids Neufeld and Mate
- Scattered Minds The Origins and Healing of ADHD – Mate

<u>Videos</u>
The role of attachment in infancy on later mental and physical health outcomes: https://www.youtube.com/watch?v=6bul1meciGE
Attachment and Resilience: https://www.youtube.com/watch?v=C- ZIUtJr8nE
Doc Zone: Angry Kids Stressed out Parents https://www.youtube.com/watch?v=xCHBB6F0iMk Stress: Portrait of a Killer https://www.youtube.com/watch?v=eYG0ZuTv5rs
The Ghost in Your Genes (epigenetics): https://www.youtube.com/watch?v=fMxgkSgZoJs Epigenetics Nova: https://www.youtube.com/watch?v=D44cu7v9x1w
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