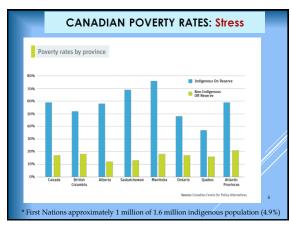


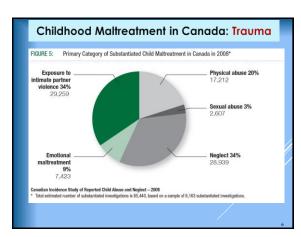
Centre for Addiction and Mental Health (CAMH, 2015)

- Mental illness is a leading cause of disability in Canada, with <u>1 in 5</u> Canadians experiencing a mental health or addiction problem.
- 70% of mental health problems have their onset during childhood or adolescence.
- Men have higher rates of addiction than women, while women have higher rates of mood and anxiety disorders.
- Mental and <u>physical health</u> are linked. People with a long-term medical conditions such as chronic pain are much more likely to also experience mood disorders.
- Canadians in the lowest income group are 3 to 4 times more likely than those in the highest income group to report poor to fair mental health.

4



5



PREVALENCE OF TRAUMA

- * 26% of children will have experienced or witnessed a traumatic event by their 4th birthday (Briggs-Cowan et al, 2010).
- * A traumatic event is defined by APA as a direct or <u>perceived</u> threat rendering a child feeling overwhelmed and fearful of their safety.
- * Traumatic stress reactions in children often lead to difficulty selfregulating emotions, heightened aggression, lack of trust, and poor school performance (Diamanduros et al, 2018).



Washington DC: "March for our lives March 24th, 2018

7



"NATIONAL TRAUMA": DEPRIVATION

- Nicolae Ceausescu took control over the communist party in Romania 1966-1989.
- Women must bear a minimum of 5 children, and bearing 10 children earned the dubious honor of "heroine mothers"
- Banned all abortions for women under 45, and issued government crackdown on divorce.
- Romania eventually had one of the highest infant mortality rates and unwanted children living in orphanages in the world.



8

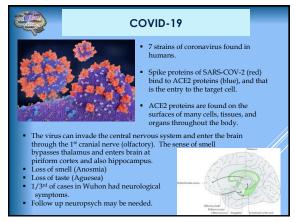


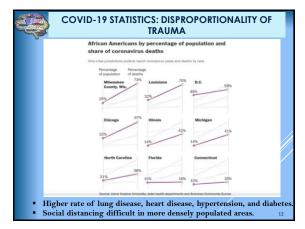
BUCHAREST EARLY INTERVENTION PROJECT

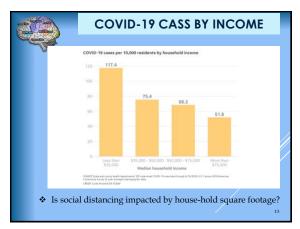


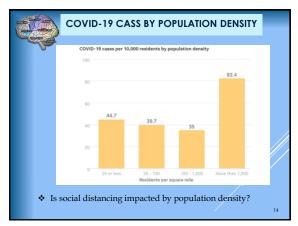
- Previous research exploring the relationship between neglected children suffered from selection bias.
- BEIP studied 126 children placed in six different institutions. Half placed in quality care and half in remained in institutions.
- Main finding was that the earlier a child was placed in foster care (<2), the better the recovery.











14

COVID-19: HOW DO WE RETURN TO SCHOOL?

- Nearly 300 million students out of school.
- There will need to be a transition or buffer period to allow students and teachers to feel safe and comfortable in the building. Start with a re-entry plan, work in a celebration
- building. Start with a re-entry plan...work in a celebration!
 Educators will need to be patient with academic skills as there may be gaps in learning (i.e. math and foreign language).
- Social distancing may need to continue so expect schedule
 adjustments and partial to openings.
- adjustments and partial re-openings.

 Masks, gloves, thermal temperature checks, sanitizer stations etc.. may be needed.
- Access to mental health services
- Limitations on extracurricular activities and sports.
- Work with parents to discuss coronavirus myths and best practices moving forward.







	SYMPTOMS OF TRAUMA		
Physiological Symptoms	Behavioral Symptoms	Psychological Symptom	
(anxiety disorder?)	(depression?)	(ADHD?)	
Shallow Breathing	Work Refusal	Inconsistent attention	
Facial Flushing	School Refusal	Initability	
Excessive Sweating	Avoiding unstructured areas	Mind goes blank during tests	
Hand Tremors	Sensitivity to loud sounds	Loses train of thought	
Dizziness	Rarely volunteers in class	Poor organization	
Dilated Pupils	Speaks in a hushed voice	Easily angered	
Faligue	Does not initiate peers	Poor emotional self-regulation	
Muscle Tension	Avoids cafeteria	Distrusts authority figures	
Chest pains	Often visits school nurse	Irrational fears	

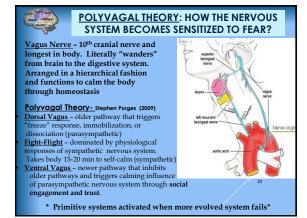


SCHOOL MENTAL HEALTH SERVICES

- NASP recommends 1 psychologist for every 500- 700 students. Reality is 1 for every 1,381.
- <u>American School Counselor Association</u> recommends 1 counselor for every 250 students. Reality is 1 for every 482 students.
- The Every Student Succeeds Act (ESSA) authorizes various funding streams for schools to improve access to coordinated and comprehensive school mental health services
 - including:
 * Positive behavior interventions and supports (PBIS).
 - * Social emotional learning
 - * Conflict resolution
 - * Trauma informed practices

19

19



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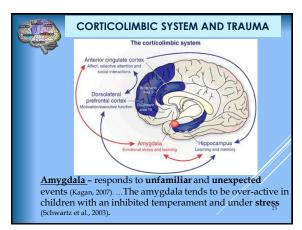


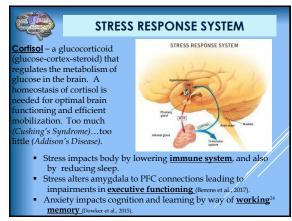
POLYVAGAL THEORY: HOW WE PSYCHOLOGICALLY RESPOND TO TRAUMA

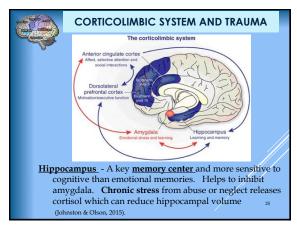
(BESSEL VAN DER KOLK, 2014)

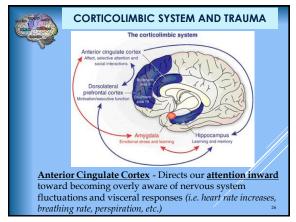
- <u>Depersonalization</u>- a survival tactic by walling ourselves off emotionally from the traumatic event. There is a numbing of emotions and a cognitive dissociation takes place by freezing the mind and body (dorsal vagus). A precursor for developing dissociative disorders.
- <u>Sensitization</u> our nervous system becomes hyper-aroused and panic is easily triggered (fight-flight), as we become engulfed by fear and anxiety.
 <u>Depression</u>, anxiety, <u>PTSD</u>, and mood disorders are often the psychological manifestations of an easily triggered sympathetic nervous system.
- <u>Adaptation</u> the key to resilience, as this newer pathway (ventral vagus)
 inhibits older pathways and triggers calming influence of sympathetic
 nervous system through social engagement and trust.
- * "The challenge of trauma is to re-establish ownership of the body and mind" (Bessel Van Der Kolk, 2014)

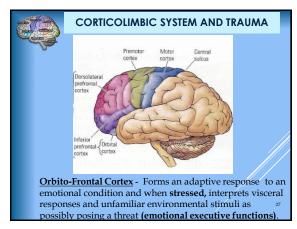
FE	FEAR VS ANXIETY		
FEAR	ANXIETY		
* Related to a tangible stimulu and immediate threat (i.e. sna			
* Perpetuated by our nervous system	* Perpetuated by maladaptive cognitions.		
* Sympathetic nervous system triggered.	* Sympathetic nervous system is triggered.		
*No specific temperament characteristics.	*Inhibited temperament driven by sensory threshold of amygdala leading to approach or withdrawal behaviors (Kagan, 2007).		
*Over-active anterior cingulate leading to group conformity (Goldberg, 2018)	*Underactive anterior cingulate which cannot regulate amygdala and results in hyper-focus of internal states.		

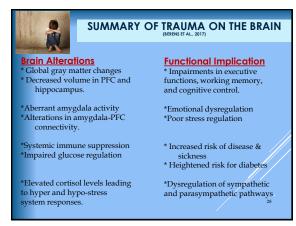


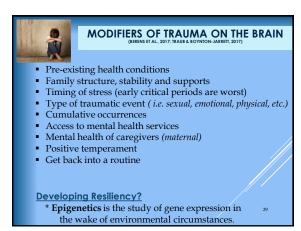


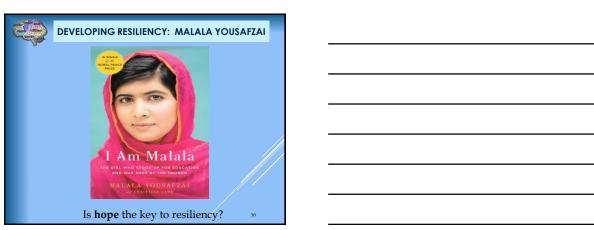














THE IMPACT OF HOPE

- 1957- Curt Richter, a geneticist and psychobiologist at Johns Hopkins University was studying the physiology of survival for the navy.
- He first took a dozen domesticated rats, put them into jars half-filled with turbulent water, and watched them drown. 9 of 12 rats did not give up and swam for up to 48 hours before perishing.
- He had his graduate students capture 12 more rats from the streets of Baltimore. They were much more fierce and aggressive. Yet virtually all drowned within the first few minutes.
- He then tweaked the experiment...took wild rats and before they drowned...picked them up and coddled them. Afterwards, he put them back in the jar, and they survived much longer.

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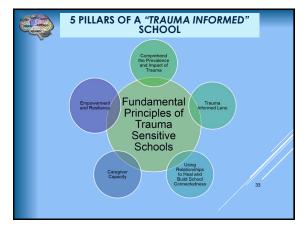


THE IMPACT OF HOPE

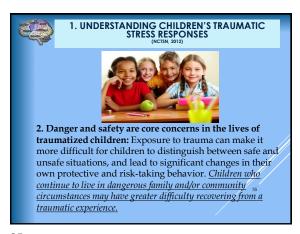
<u>Complex Trauma</u> - multiple traumatic experiences which occur in childhood and adolescence, including multiple occurrences of emotional abuse and neglect, sexual abuse, and physical abuse.

- Meta-analysis of 80 studies containing 12,252 survivors of child sexual abuse found the mean prevalence of sexual revictimization across studies was 47.9%, suggesting that almost half of child sexual abuse survivors are sexually victimized in the future (Walker et al., 2019)
- Complex trauma recovery involves both <u>external factors</u> (i.e. access to mental health care, financial assistance, education, family support, etc...) and <u>internal protective factors</u> such as emotional competence, feelings of optimism, external attribution of blame, and hope.

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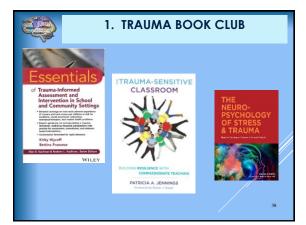


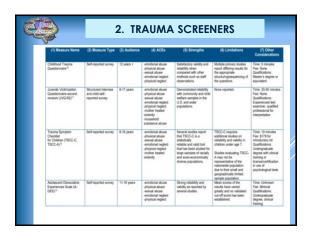


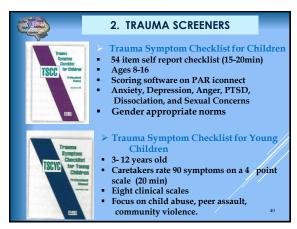


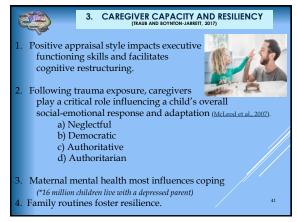


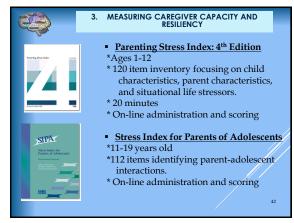










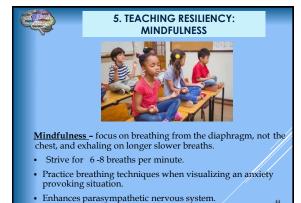


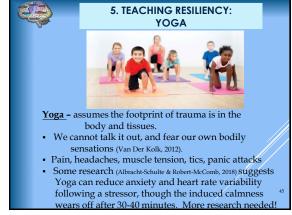
4. CLASSROOM ACCOMMODATIONS Extended time on tests and quizzes. Structure and routine (schedules and emotive responses)

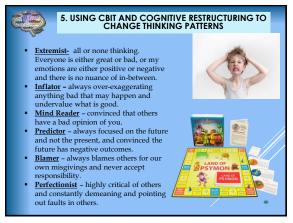
Preferential seating in class (by door if needed).

- Access to lecture notes when needed.
- Agenda/organization notebooks. Frequent breaks when needed.
- Use of a crisis pass.
- Alternative ways to demonstrate mastery (i.e. proje
- Allow for test re-takes to demonstrate subject mastery,
- Use of technology for note-taking and written assignments.
- Scheduling more challenging subjects in morning.
- Allow for partial school days.
- Awareness of trauma triggers.
- Access to "In-school" coach.
- Do not penalize for school absences

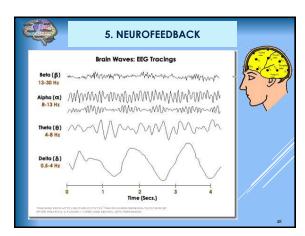
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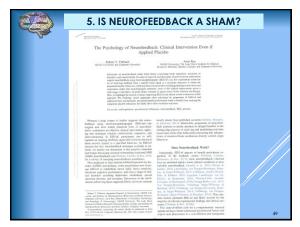






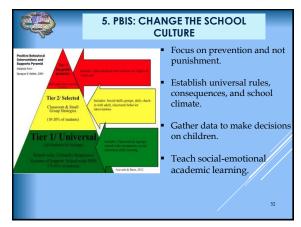




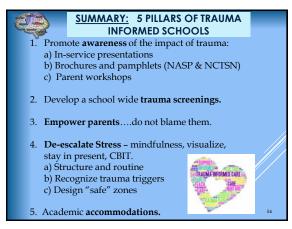


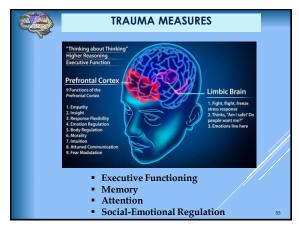




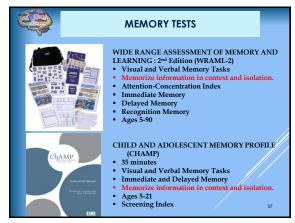


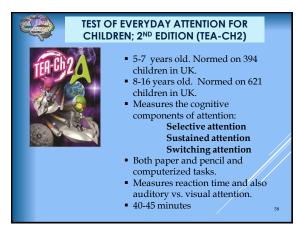












	SOCIAL-EMOTIONAL AND BEHAVIORAL ASSESSMENTS			
	TEST	AGE RANGE	AUTHORS	
BASC-3 Paren BASC-3 Self-Re		2-21 2-21 6-college 3-18	Randy Kamphouse & Cecil Reynolds	
Conners Com	prehensive Behavior Rating Scales	6-18	Keith Conners	
Achenbach S Assessment (A	ystem of Empirically Based (SEBA)	6-18	Thomas Achenbach & Leslie Rescorla	
Devereux Beh	avior Rating Scale	5-18	Jack Naglieri, Paul LeBuffe, Steven Pfeiffer	
	ventory II- (anxiety, depression, ive behavior, self concept)	7-18	Judith & Aaron Beck	
Children's Dep	pression Inventory	7-17	Maria Kovacs	
	ren's Manifest Anxiety Scale – 2 nal Anxiety Scale for Children-2	6-19 8-19	Cecil Reynolds & Bert Richmond John S. March	
RCDS-2/RADS-	-2	7-13/11-20	William Reynolds	
Personality Inv (caregiver ob	ventory for Children-2 nd Edition servations)	5-19	David Lachar & Christian Gruber	
*Millon Adoles	*Millon Adolescent Clinical Inventory		Theodore Millon	
*MMPI-A	*MMPI-A		Butcher et al.	
*Personality A	ssessment Inventory	11-18	Lesley Morey	

