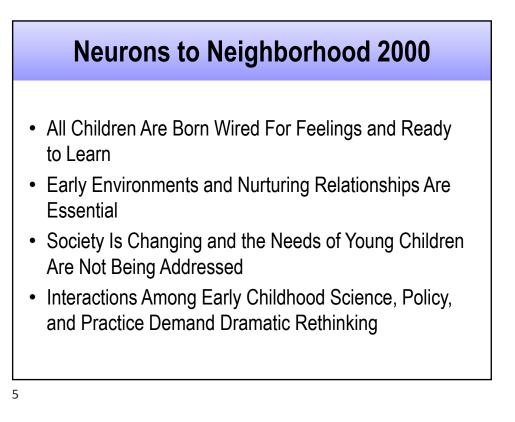
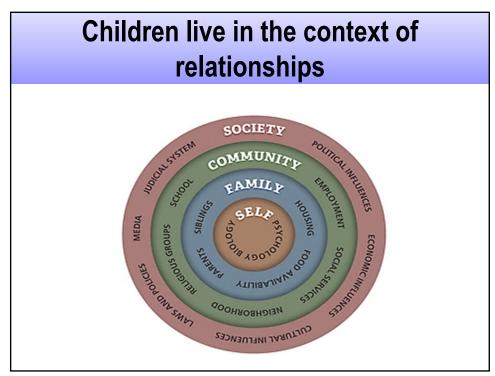


Today's Presentation

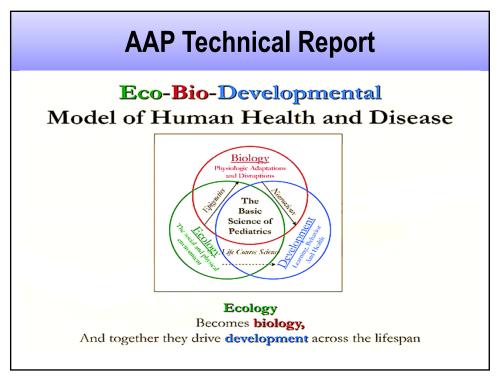
- History and Background
- · Parent/Caregiver and Child Needs and Development
- Trauma and Stress Biology
- Our Approach and Healing Relationship















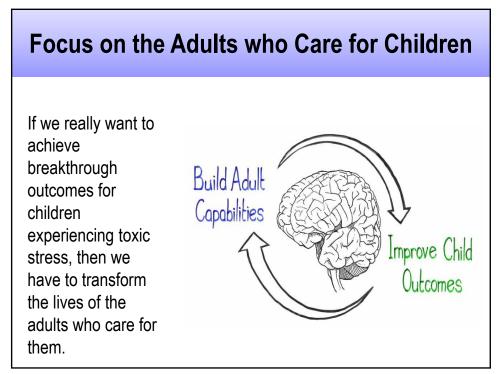


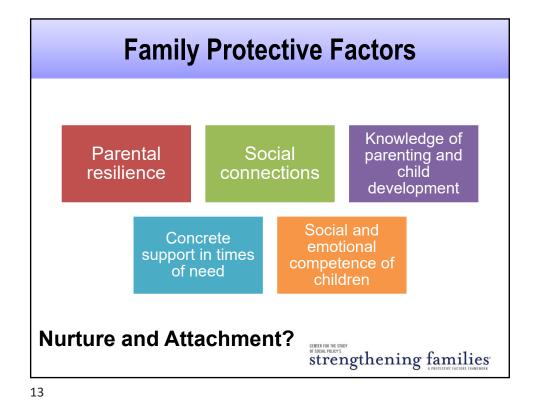
- Promote healthy relationships –Safe, Stable, Nurturing
- Promote the healthy early childhood foundations for life course health
- Promote kindergarten readiness and lifelong success
- Decrease toxic stress effects on health and developmental trajectories

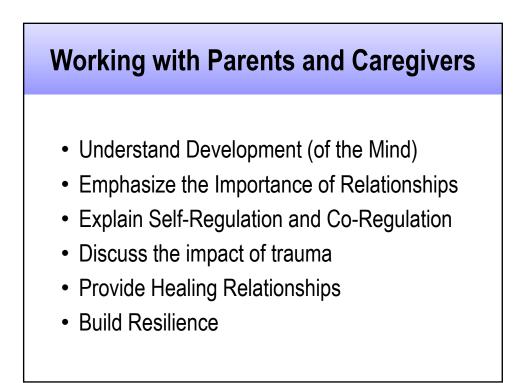


 Strengthening the systems and community supports to address the social determinants of health

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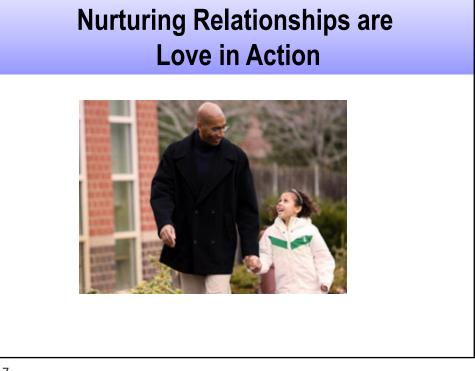


Nurture - to care for and to encourage the growth and development of

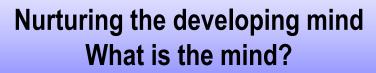


Ideally

Parents and Caregivers Are Available, Attuned, and Interested







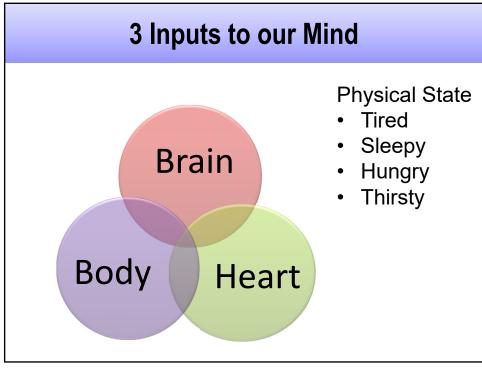
Daniel Siegel, MD

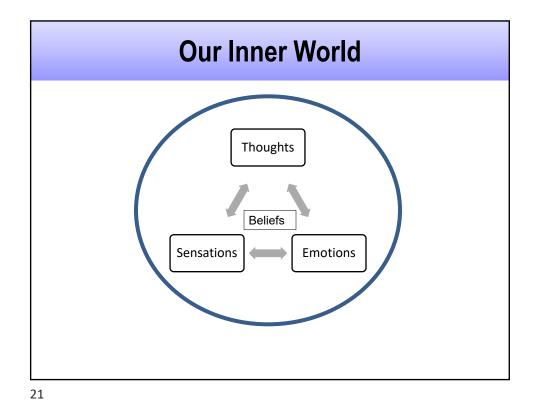
• The mind can be defined, in part, as an **embodied and** relational process that regulates the flow of energy and information

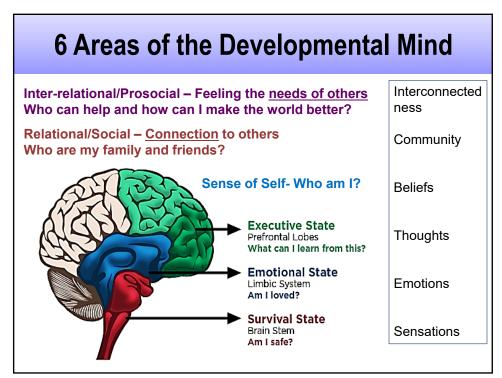
(Involves our whole body and all of our relationships including to ourself)

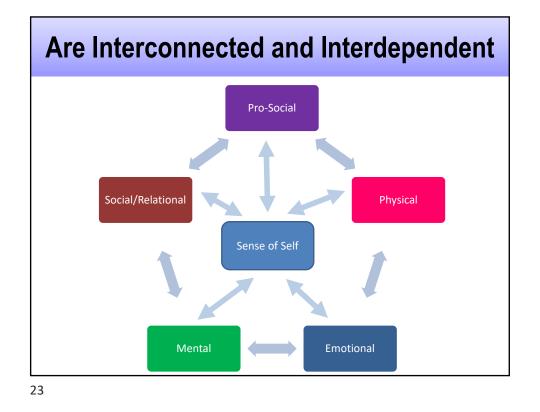
• 2 aspects of the regulation process are **monitoring** and modifying

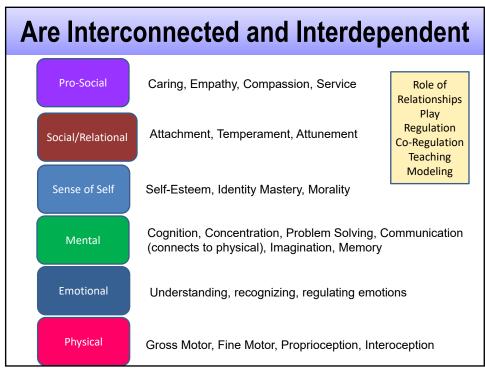
(watching ourselves and making changes to respond/react to current situation)

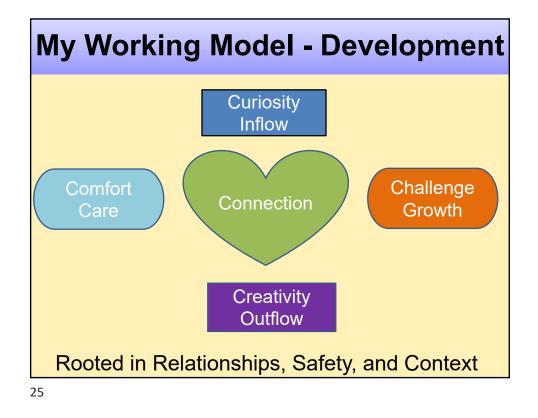


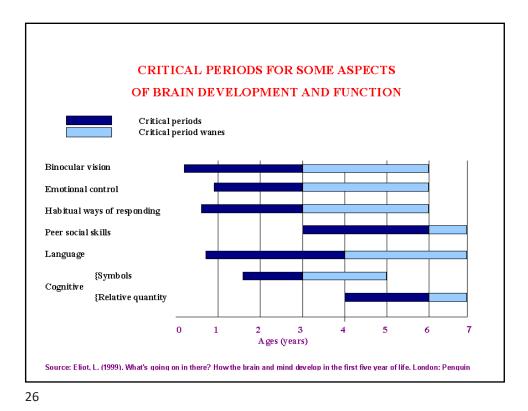


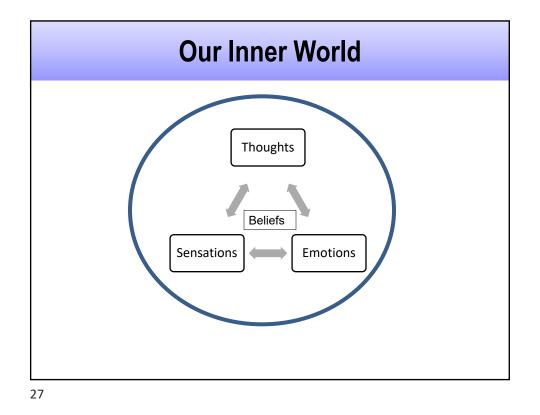


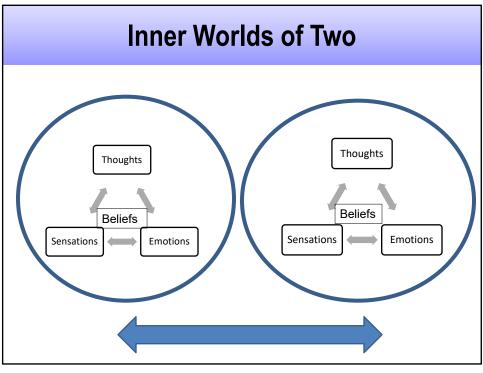


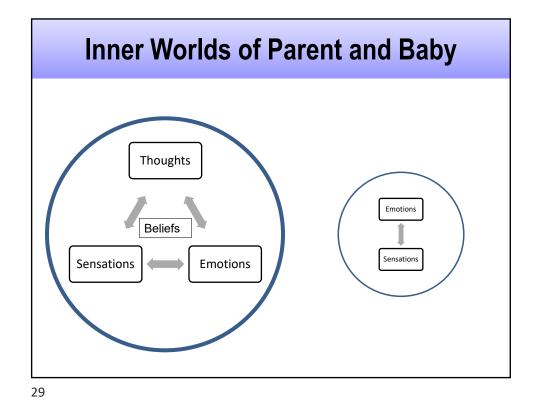


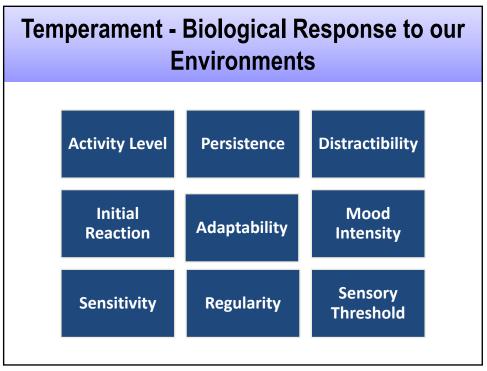






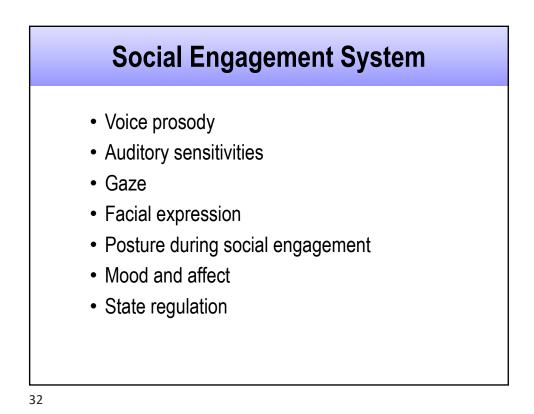


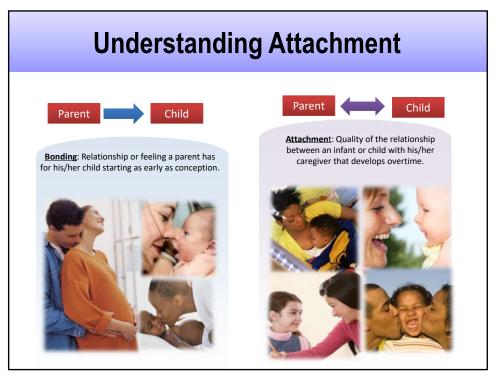


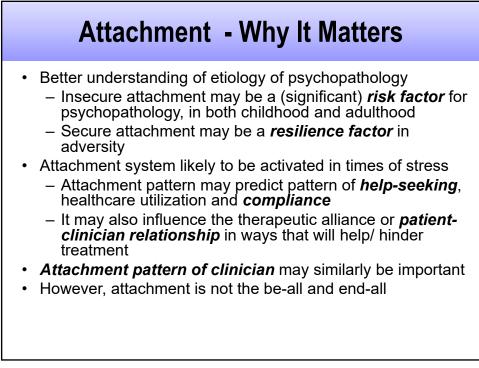


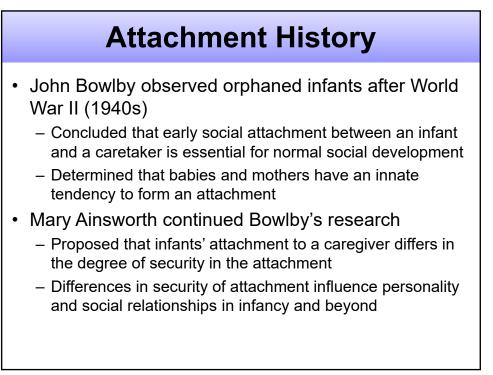
Stephen Porges, PhD Social Engagement System

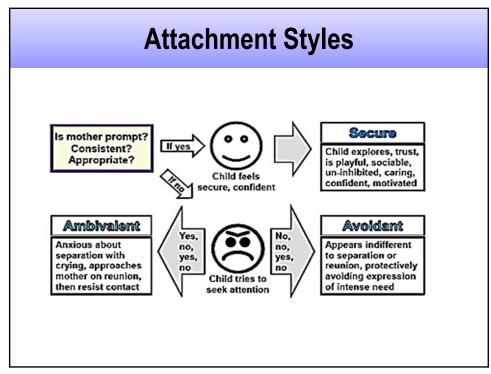
- A developing neuro-physiological system
 - to regulate contact with the external world
 - to modulate physiological and behavioral state
- In infants, vagal regulation in infants is associated with social behavior, ingestion, and state regulation
- Fussy infants may not experience the soothing effects of feeding

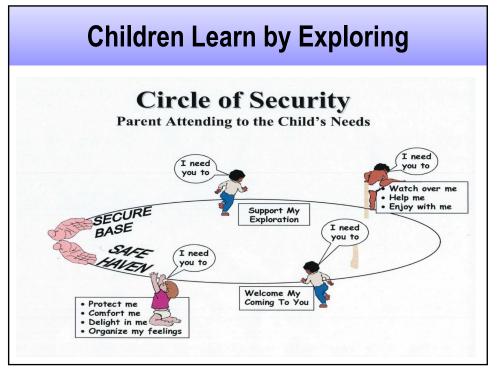


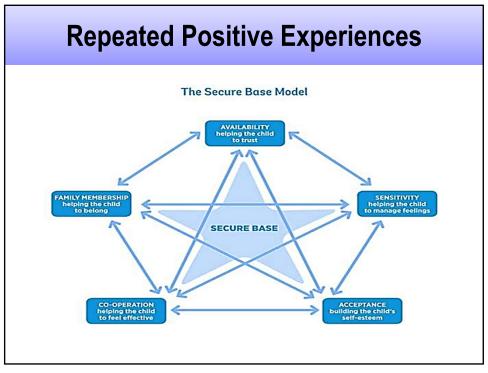


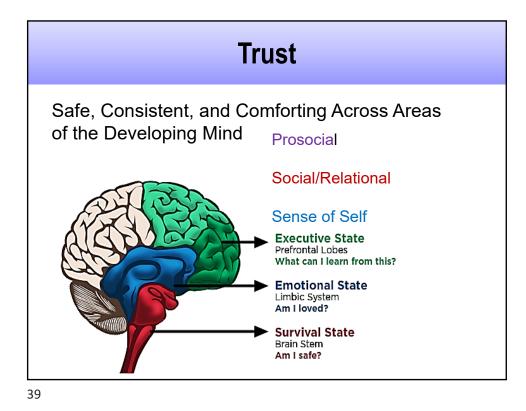








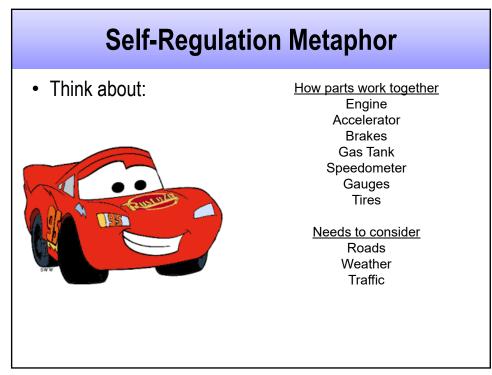


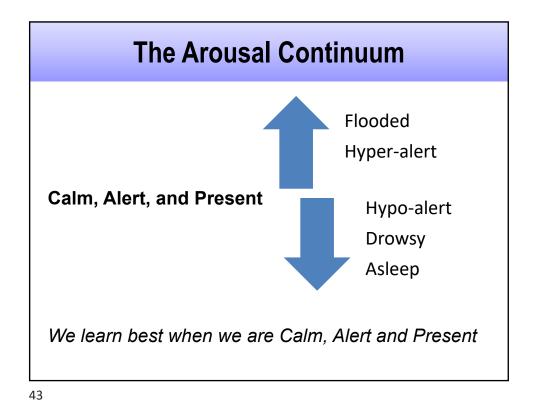


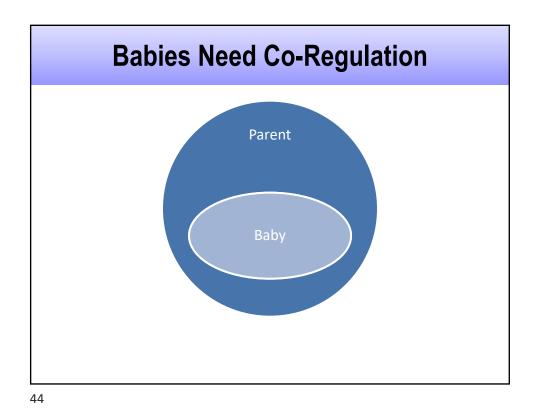


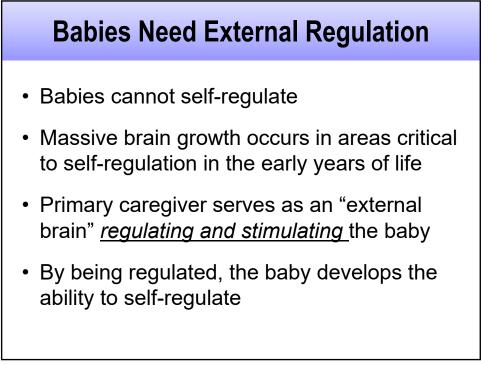


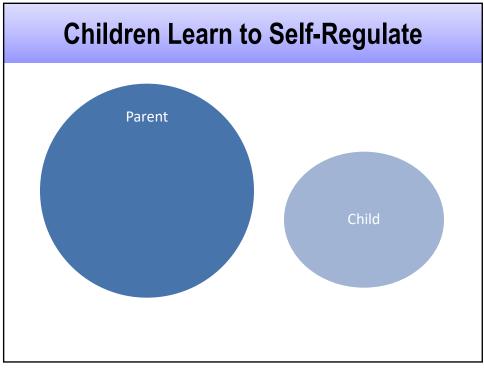
- Allows kids to manage their emotions, behavior and body movement when they're faced with a situation that's tough to handle
- Allows them to do that while still staying focused and paying attention



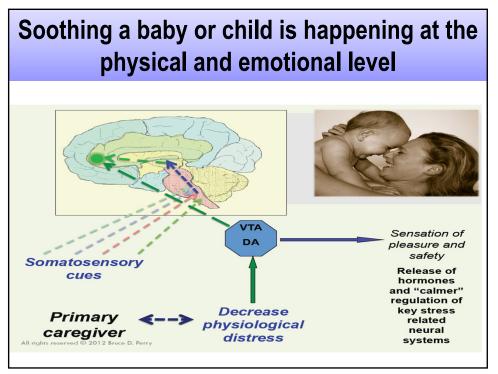


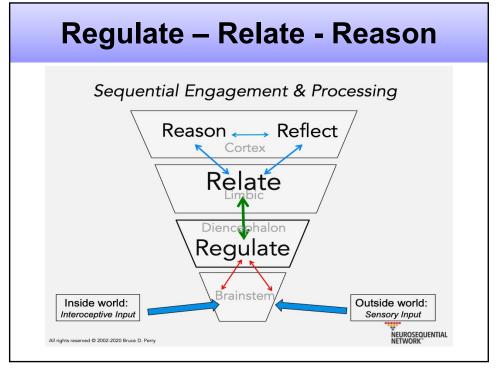


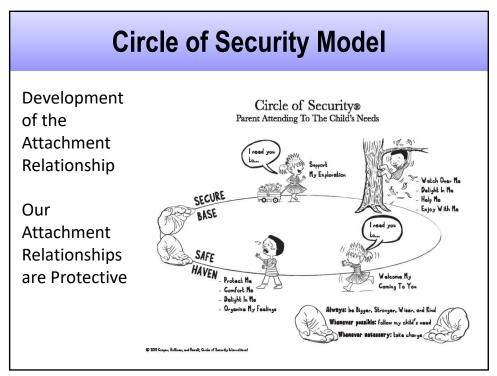


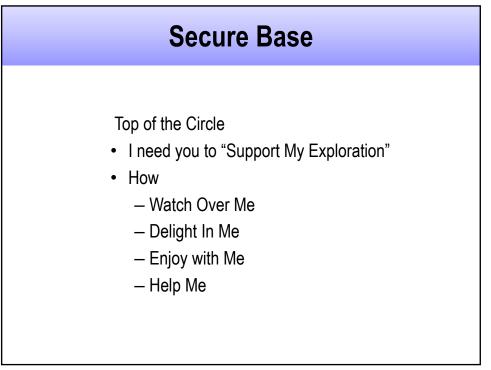


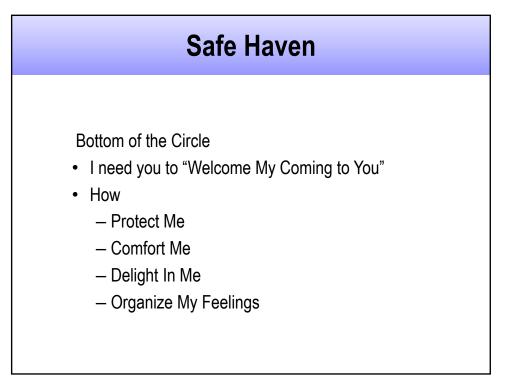


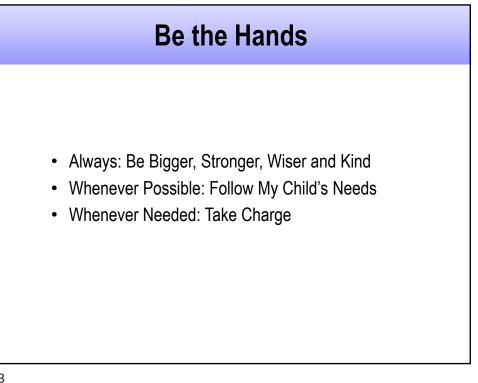


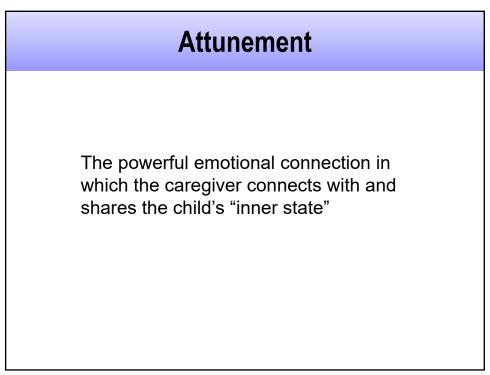








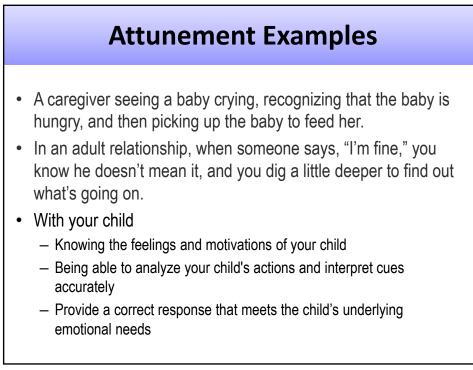


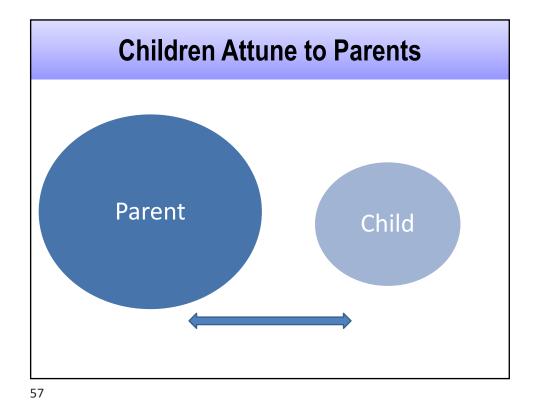


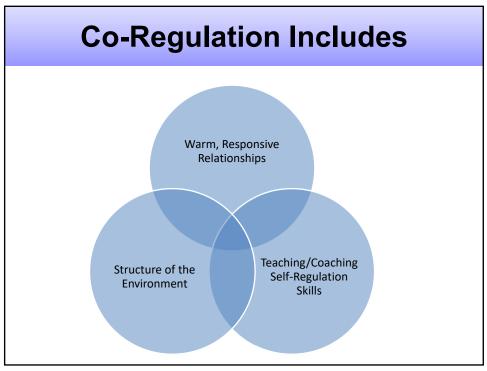
Attunement

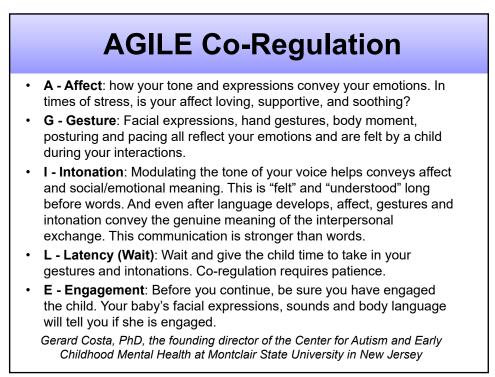
Dr. Dan Siegel, MD says,

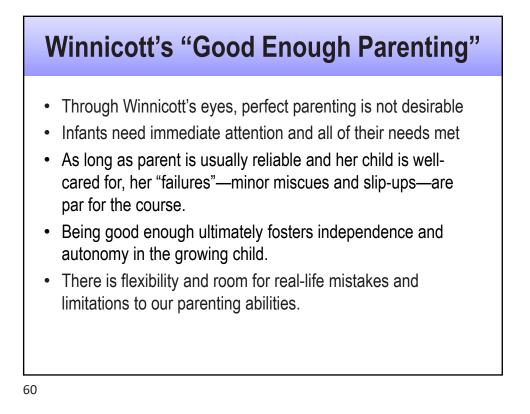
"When we attune with others, we allow our own internal state to shift, to come to resonate with the inner world of another. This resonance is at the heart of the important sense of 'feeling felt' that emerges in close relationships. Children need attunement to feel secure and to develop well, and throughout our lives we need attunement to feel close and connected."

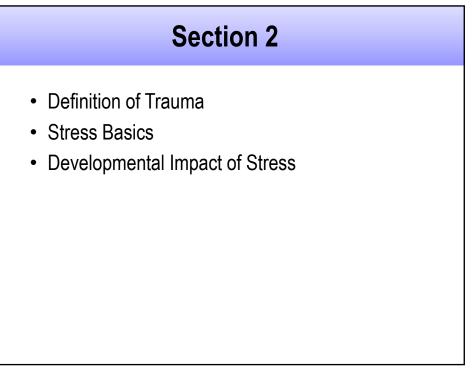


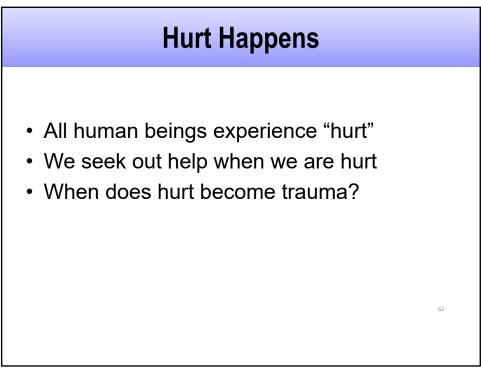


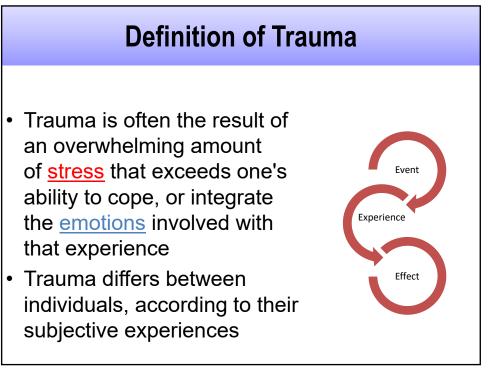


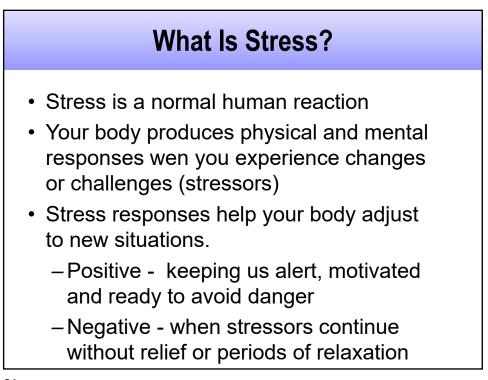


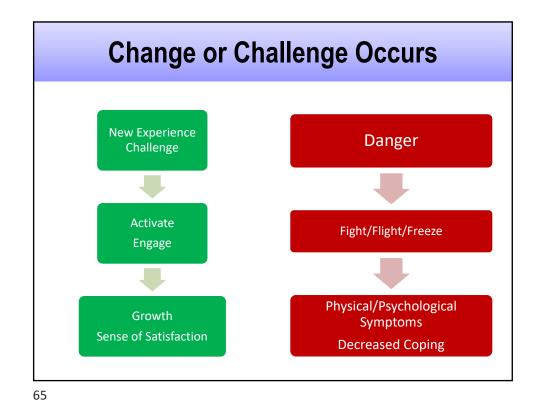








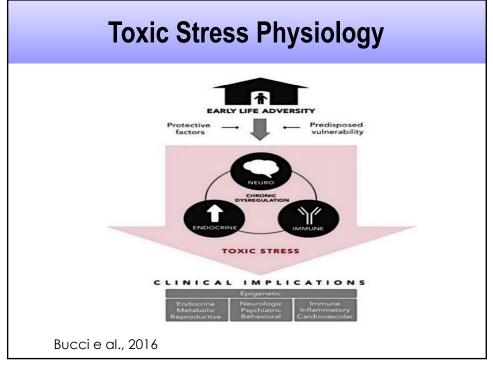


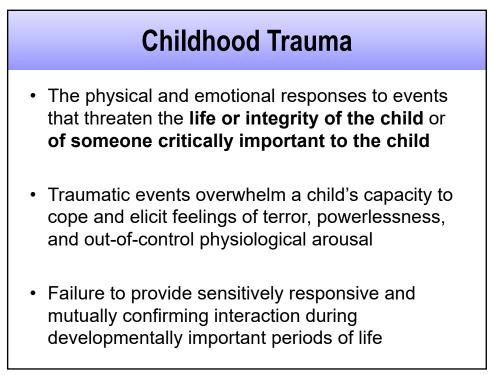


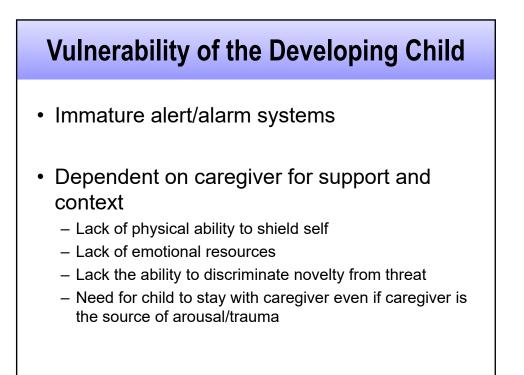
 POSITIVE
 Brief increases in heart rate, mild elevations in stress hormone levels.

 TOLERABLE
 Serious, temporary stress responses, buffered by supportive relationships.

 TONICE
 Prolonged activation of stress responses in the absence of protective relationships.

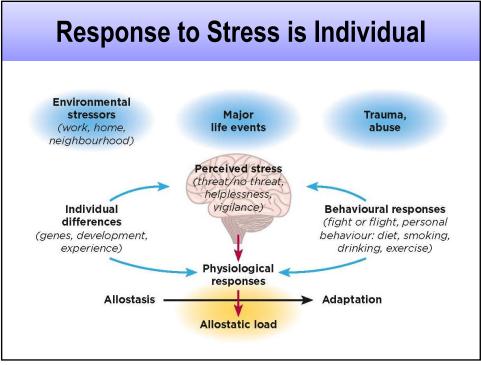


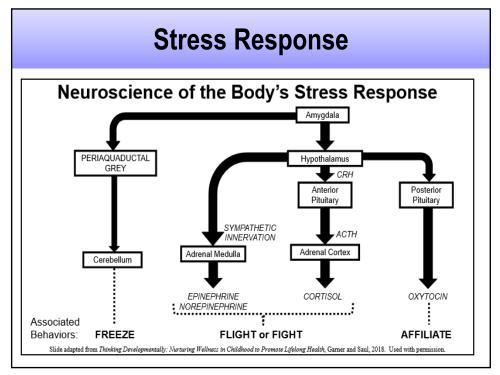


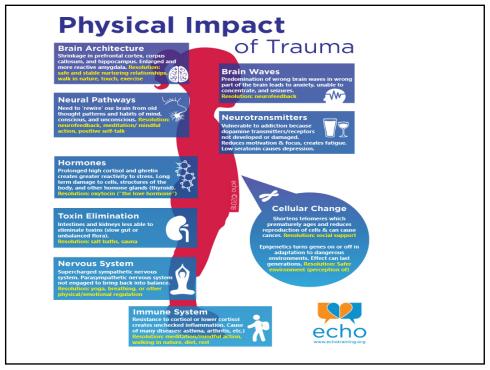


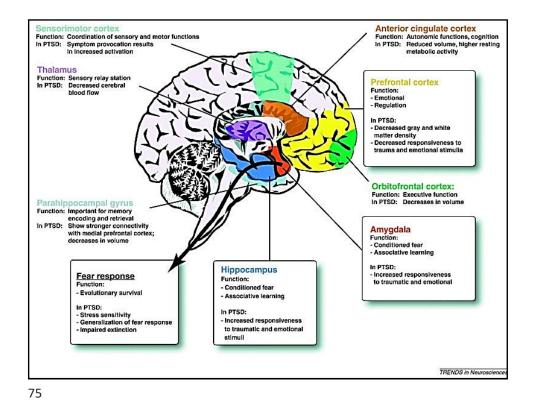




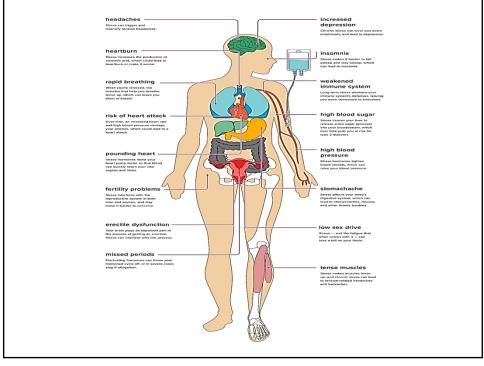


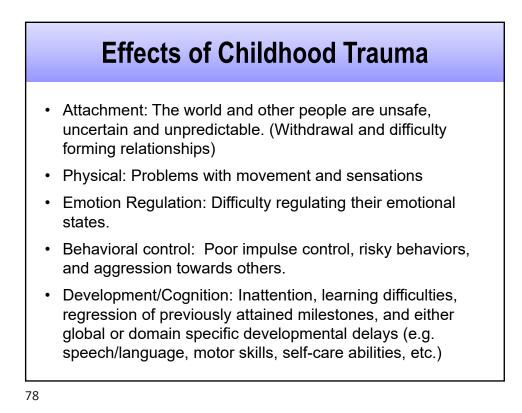


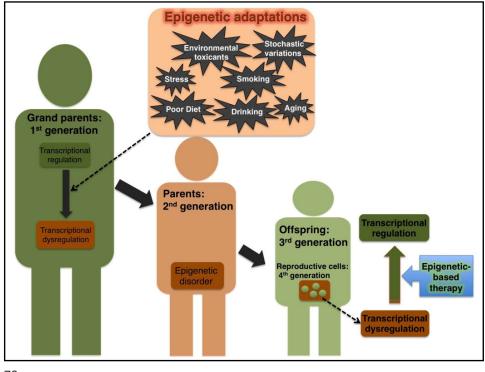




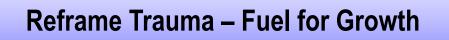
Changes in the Hormonal System PITUITARY • Fight or flight or PINEAL MELATONIN flee response GROWTH HORMONE (GH) THYROID STIMULATING dysregulated ADRENALS CORTEX CORTISO ↑ responses to STERO ٠ THYROD subsequent stressors (hyper-PANCREAS MEDULLA EPINEPHRINE NOREPINEPHRINE arousal, irritability) INSULIN loss of feedback GONADS inhibition PLACENTA OVARY TESTIS PROGESTERONE 4 6 00 PROGESTERONE TESTOSTERONE ESTRADIOL TESTOSTERONE ANDROSTENEDIONE ANDROSTENEDIONE











Post-Traumatic Growth

- · Greater appreciation of life
- Greater appreciation and strengthening of close relationships
- Increased compassion and altruism
- · The identification of new possibilities or a purpose in life
- Greater awareness and utilization of personal strengths
- Enhanced spiritual development
- Creative growth

Facilitated by education, emotional regulation, disclosure, narrative development, and service

Tedeschi, R., & Calhoun, L. (2004). Posttraumatic Growth: Conceptual Foundations and Empirical Evidence.

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