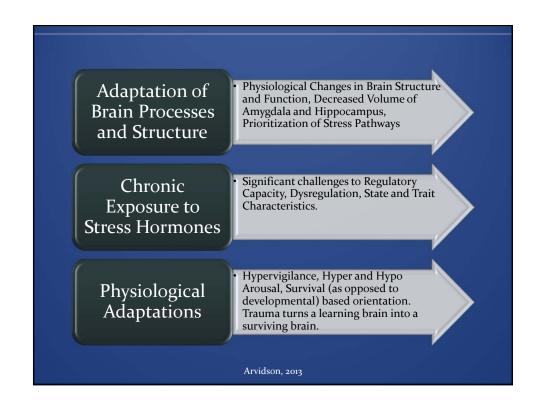


Area of Scientific Advancement Physiology of the Human Stress Response - Activation of Threat Appraisal and Response System - Increased Limbic System Activity - Alarm system "flood" - Fight, Flight or Freeze - Survival Oriented Behavior - Continued Arousal - Difficulty Modulating



Contextualizing Trauma within the Attachment System

Attachment allows children to safely explore the world and provides a healthy model for self and others.

Attachment is the dance of the limbic systems of the child and parent.

- Allan Schore







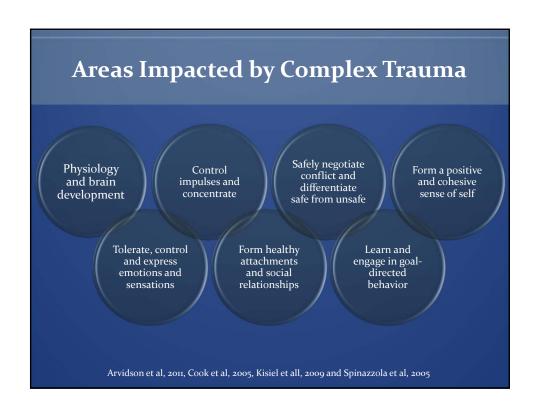
Internal Representational Models

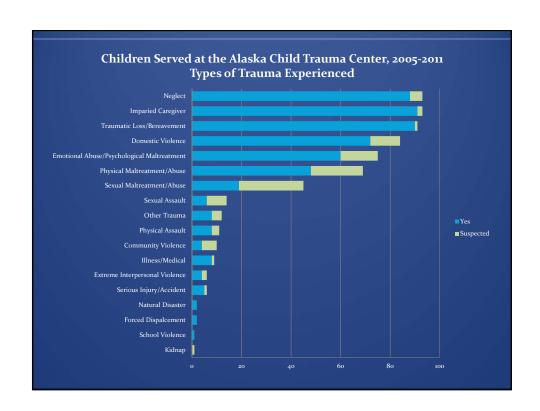
Bowlby model delineates formation of *Internal Representational Models*:

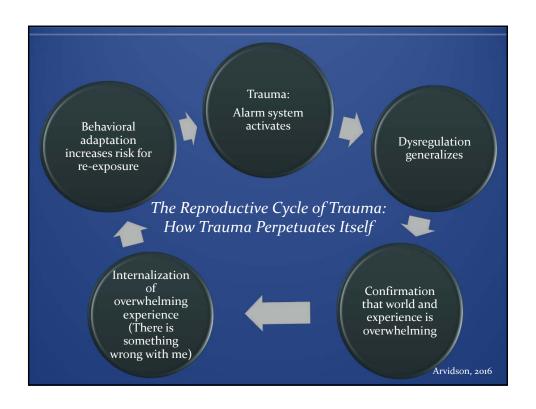
- Model of SELF
 - e.g., "I am worthy or competent"; "I am unworthy or incompetent"
- Model of OTHER
 - e.g., "Others are reliable or trustworthy"; "Others are unreliable or untrustworthy"
- Model of SELF IN RELATION TO OTHER
 - e.g., "Others will respond to my needs"; "Others will not respond to my needs"

These models form the basis ("working models") for future relationships.

Blaustein, 2005







The fundamental problem of chronic exposure to traumatic experiences in childhood is that overwhelming stress turns a learning brain into a surviving brain.

But, the brain and the physiological impact of trauma, is only the beginning of the story.

<u>Development</u> is the context in which the impact of childhood trauma is fully realized...

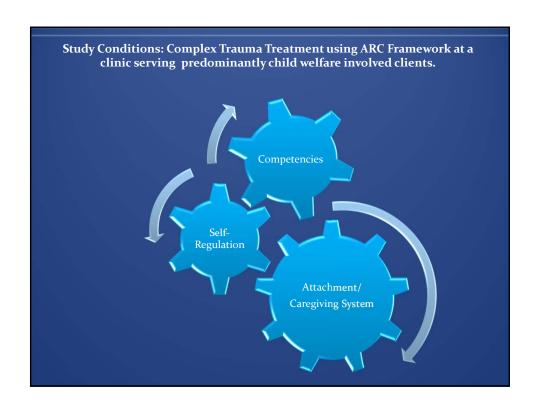
...The developmental necessities of childhood: formation of healthy attachments and social development, attentional capacity and cognitive development, mastery, competency, and regulation, (the ability to control one's body, emotions and behaviors) are compromised by chronic exposure to overwhelming stress...

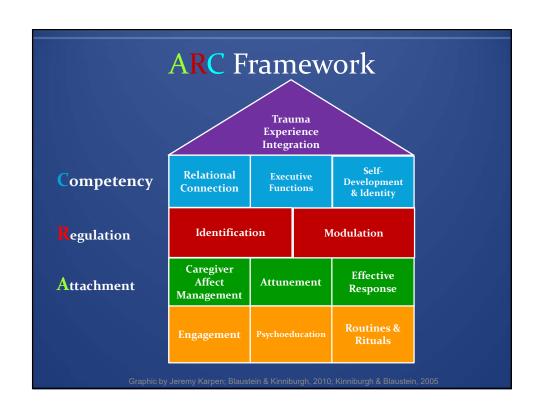
...Childhood trauma can be understood, fundamentally as <u>developmental derailment</u>. Thus, trauma-informed care for children is about helping the child and parent "put the train of healthy development back on the tracks."

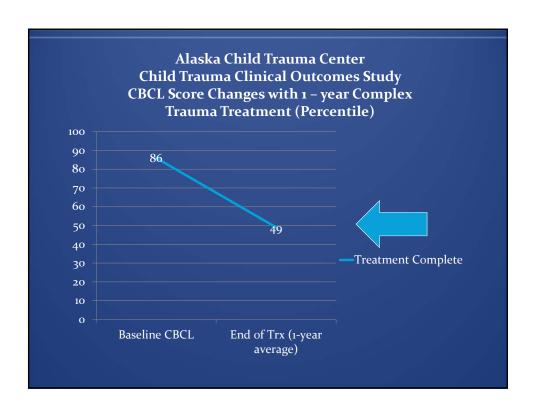
...Trauma-informed care is about helping children and families chart new developmental trajectories that promote healthy development, build resiliency and restore functioning.

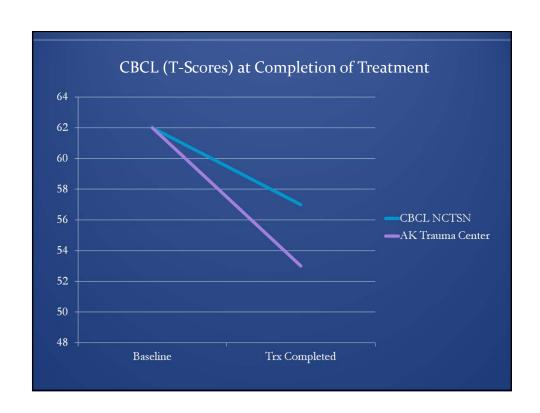
- J. Arvidson











Econometrics of Early Intervention & Prevention

 Funding early interventions provides the largest possible return on investment

Doyle et al. (2009) Investing in Early Human Development. In: Economics and Human Biology v7:pp1-6

From, M. Hirschfeld AAPP

