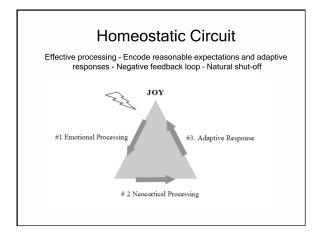


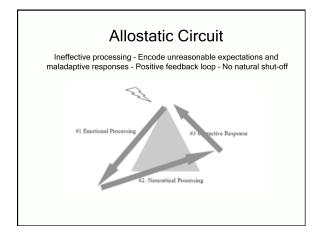
## EBT History

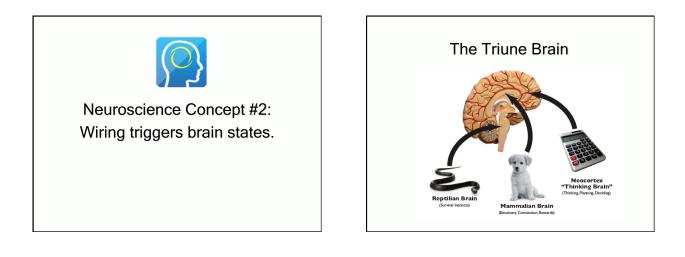
- ➤ 1979 Adolescent health training program
- > 1987 Family and Community Medicine Adults
- > 1999 Psychiatry Neuroplasticity
- > 2004 Physiology Stress & Reward
- 2008 Center for Emotional Brain Training Research

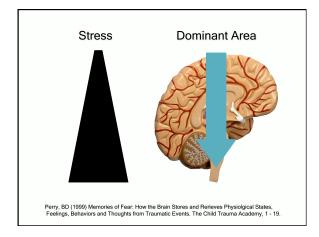


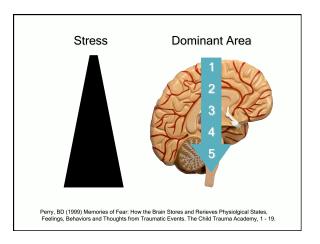
Neuroscience Concept #1: It's not us. It's our wiring.



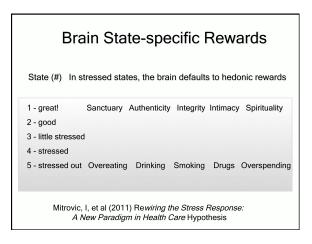






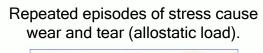


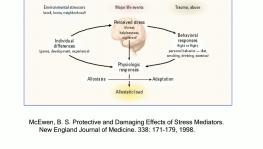
Brain S	tate-sp	ecific C	haracte	ristics
State (#)	Cognitive	Emotional	Relational	Behavioral
1 - great!	Abstract	Joyous	Intimate	Optimal
2 - good	Concrete	Balanced	Companionable Healthy	
3 - little stressed	Rigid	Mixed	Social	Moderate
4 - stressed	Reactive	Unbalanced	Needy/Distant	Unhealthy
5 - stressed out	Irrational	Terrified	Merged/	Addictive
			Disengaged	
		11) Re <i>wiring the</i> Health Care Hy		ise:

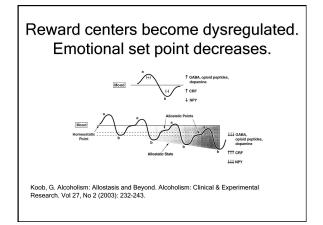


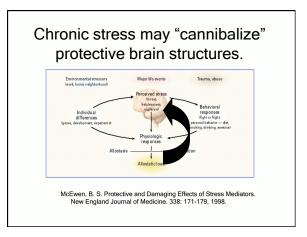


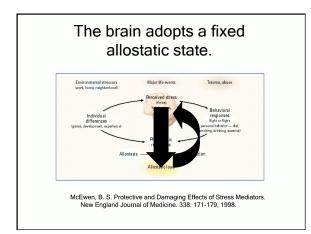
## Neuroscience Concept #3: Brain states become persistent.















Neuroscience Concept #4: We can create new wiring.

#### Positive emotional plasticity

Use-dependent neuroplasticity. Two opposing circuits cannot fire at the same time.

Actively switch from stressed states to balanced states: strengthen effective wiring and weaken ineffective wiring.



Train thinking brain (vmPFC) to rewire the emotional brain

# Dyadic Attunement and Regulation.



Many times throughout the day:

- > Compassionately observe/stay attuned.
- > Appraise emotional state (1 to 5 scale).
- > Accept or change state -- to get to Brain State 1.

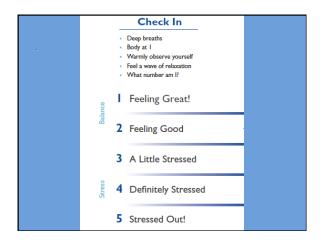
### Self-Attunement and

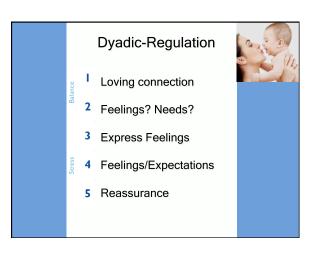


Self-Regulation: Check In Tool

Many times throughout the day:

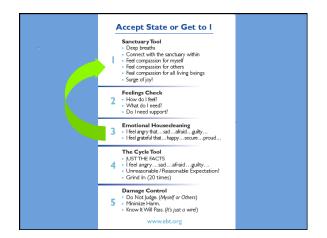
- > Compassionately observe/stay attuned.
- What number am I?
- > Accept or change state to get to Brain State 1.





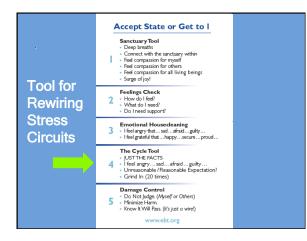


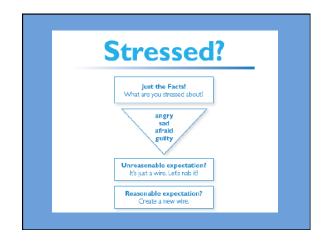


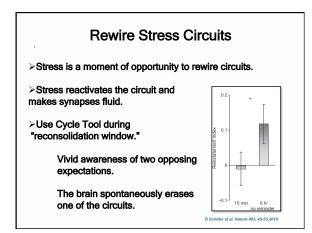


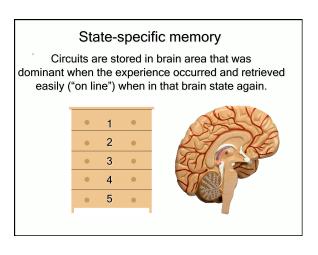


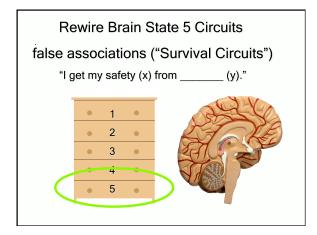


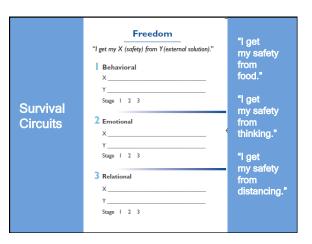


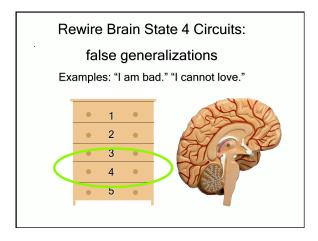




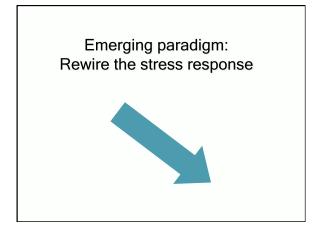


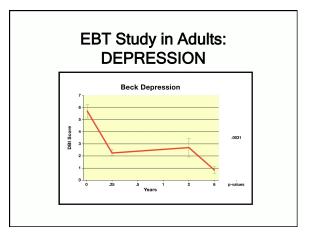


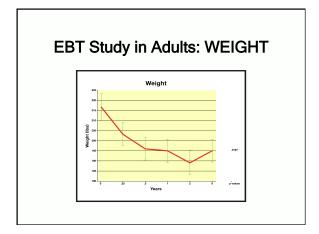


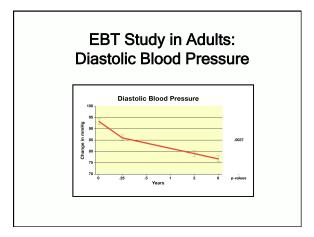


The 7 Core Circuits of Emotional Evolution				
Stage	Stress Circuit	Joy Circuit		
Existence	l do not exist.	l do exist.		
2 Essence	l am bad.	l am not bad.		
3 Power	I do not have power.	I do have power.		
4 Purpose	I cannot do good.	I can do good.		
5 Love	I cannot love.	l can love.		
6 Desire	I am not worthy.	I am worthy.		
7 Wisdom	I cannot have joy.	I AM joy!		









## **EBT** Ideas

- > Joy swamps stress.
- > Stress is a moment of opportunity.
- Everyone goes to Brain State 5!
- > It's JUST a wire!

#### EBT Courses

#### > EBT Basics: Wired for Joy

7 lessons - on line or in small group training. 24-hour access to web-based tools. Examples: UCSF student elective, Chancellor's Council on Faculty Life

#### > Advanced EBT - 6 EBT Kits

6 courses of progressive training to rewire stress circuits. Improve brain's emotional set point. EBT Providers facilitate small group training. Examples:

UCSF EBT Groups for faculty and staff for worksite wellness. Lunchtime EBT and after work EBT.

#### Acknowledgments

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Information on EBT research and training:

ebt.org