

## NEUROSCIENCE, TRAUMA AND BELONGING

A VIRTUAL TRAINING FOR LARK'S SONG CERTIFIED COACHES AND COACHES-IN-TRAINING

#### With these freakin' amazing panelists:



Katara McCarty



Terrie Valentine



Torri Williams



Navar Watson

GLAD YOU'RE HERE!
IF YOU HAVE ANYTHING TO
CLEAR, TYPE IT IN THE
CHAT WINDOW!



## **PULSE CHECK - HEAR AND TICKIN'**



## INTRODUCTIONS

Name

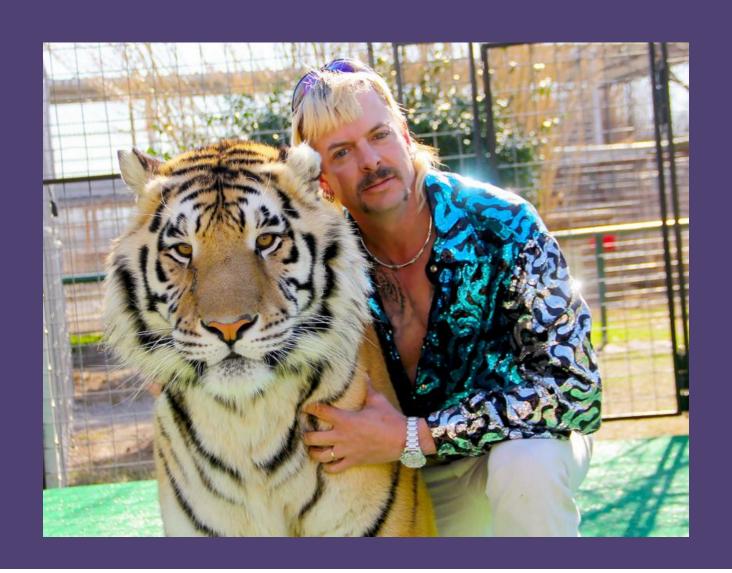
Joining from?

LSCC Training Cohort...

Bottomline \_\_\_\_\_ Your hope for today?



# STRIKE A POSE



### WHERE ARE WE GOING FROM HERE?



- LOGISTICS
- ALLIANCE
- NEUROSCIENCE + TRAUMA EDUCATION
- TRAUMA & BELONGING PANEL
- INTEGRATIVE COACHING PRACTICE
- COMPLETION THROUGH EMBODIED EMPATHY



## **DESIGNED ALLIANCE**



#### **ASSUMPTIONS**

Naturally CRWR
Unique & Valuable
Worthy of Being Championed
Capable of Solving Complex Problems
Ready to Live at Choice



#### **AGREEMENTS**

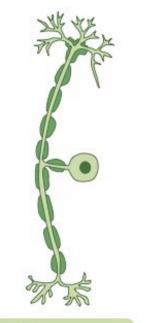
Confidentiality
Challenge by Choice
Fierce Wonder
Authentic Presence
Wholehearted



#### **SAFETY NORMS**

Emotionality
Rapid Recovery
Coming and Going
Virtual Parking Lot - (317) 509-2609





 $\begin{array}{c} \textbf{Sensory} \\ \text{Receptor} \rightarrow \text{CNS} \end{array}$ 

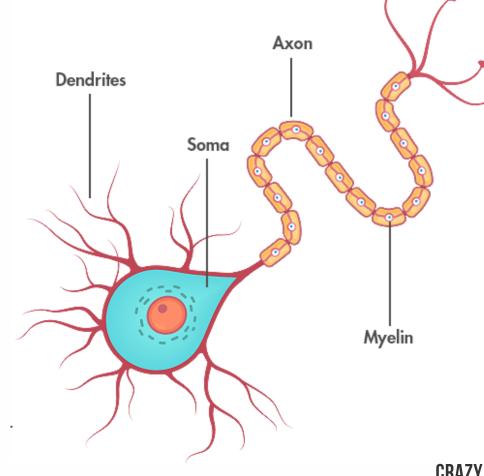


 $\begin{array}{c} \textbf{Relay} \\ \text{CNS} \rightarrow \text{CNS} \end{array}$ 



Motor CNS → Effector

## **NEURONS = NERVE CELLS**

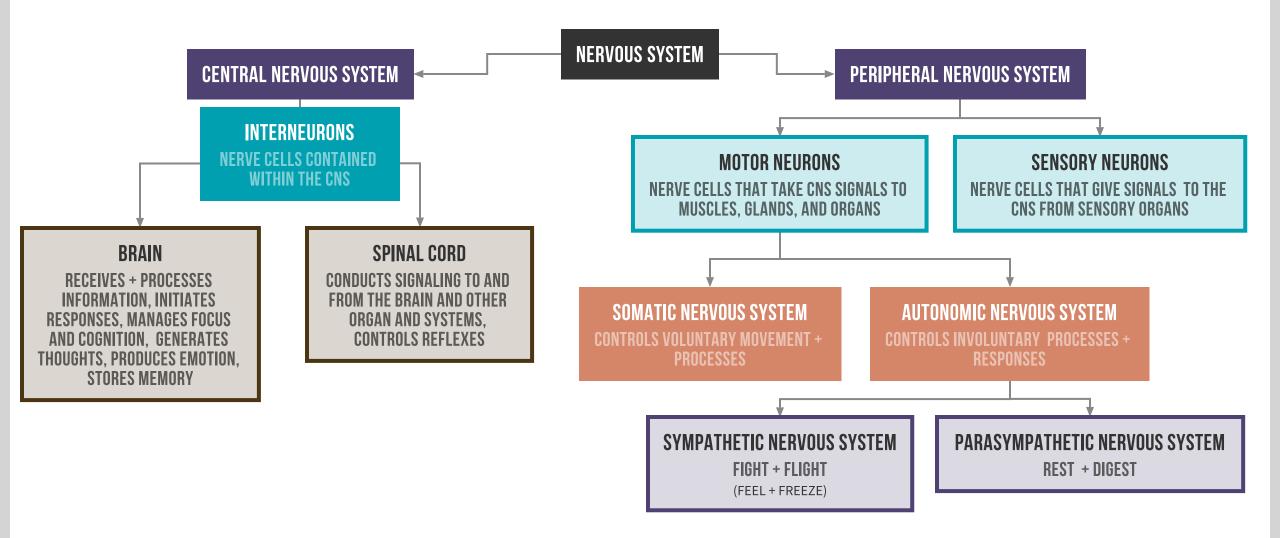


#### **CRAZY TOWN:**

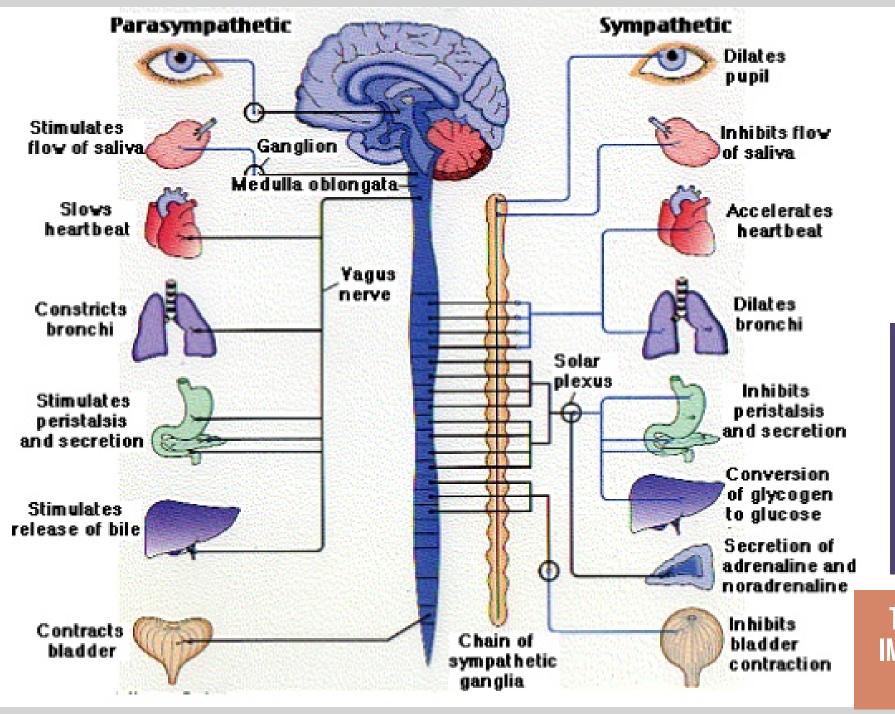
Depending on the type of neuron it can mature in 3-6 weeks .001 inches of dendritic growth in a week is considered very rapid

It takes 400 repetitions to create a new synaptic connection (neural pathway) or 12 repetitions in play

## THE NERVOUS SYSTEM





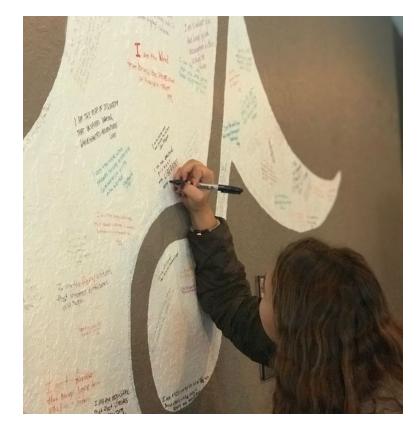


AUTONOMIC TONE = THE BALANCE OF PARASYMPATHETIC AND SYMPATHETIC ACTIVITY

FOR MOST PEOPLE A HEALTHY AUTONOMIC TONE IS 80% PARASYMPATHETIC AND 20% SYMPATHETIC

THE MOST EFFECTIVE WAY TO IMPACT AUTONOMIC TONE IS BY TONING THE VAGUS NERVE

## WHY IT MATTERS FOR COACHES



WE EVOKE TRANSFORMATION...

(NEUROPLASTICITY)



THROUGH INSIGHT/NEW LEARNING...

(CENTRAL NERVOUS SYSTEM)



AND CONSCIOUS, RESONANT CHOICE/ACTION

(PERIPHERAL NERVOUS SYSTEM)



## NOW LET'S TALK ABOUT TRAUMA...



**ACUTE** 

trauma results from a single incident



**CHRONIC** 

trauma is repeated and prolonged



**COMPLEX** 

exposure to varied and multiple traumatic events



### THINGS TO KNOW:

**SOURCES: NADINE BURKE HARRIS & STEVE COLE** 

### **ASSESSMENT**

Adverse Childhood Experiences (ACE) Questionnaire

In 1998, a landmark study was done by Kaiser Permanente and the Center for Disease Control and Prevention (CDC), in which they found 10 ACE categories that significantly impacted health and well-being across a lifetime.

The categories include: physical, emotional, and sexual abuse; physical and emotional neglect; growing up in a household where a parent was mentally ill, substance-dependent, incarcerated; where there was parental separation or divorce, or domestic violence.

### **IMPACT**

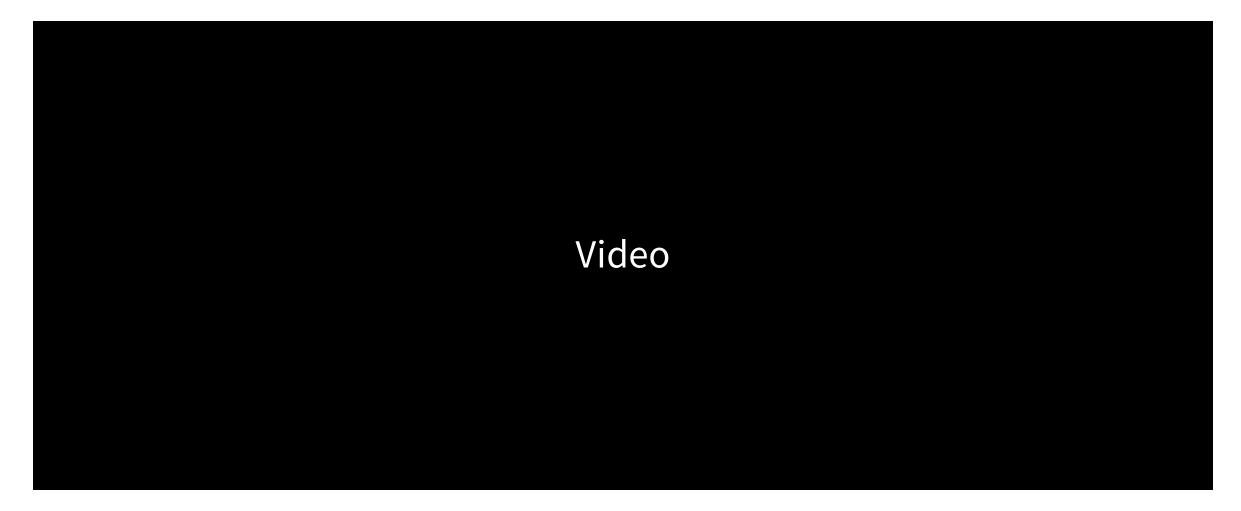
About 50% of the risks of harm are damaging behaviors.

But even if you avoid all of the behaviors/make the best choices you can with the cards you've been dealt, the long-lasting impact of continuous activation of your sympathetic nervous system, releasing adrenal and cortisol, increasing blood pressure and the immune system's response to threat, and decreases executive functioning in our central nervous system (brain).

Inflammation is responsible for over 80% of fatal disease.



## REFLECTION: WHAT DO YOU WANT TO BE SURE TO REMEMBER FROM PART 1?







## SEND US SOME LOVE

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**#LARKSSONG #LSCCPROUD** 



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TAKE SOME DEEP
BREATHS, DO A LITTLE
DANCE AND GET READY
FOR THESE PANELISTS

