

Starts Here

Threatening Stimulus

Orbitalfrontal Cortex

Thalamus

Primary Sensory Cortex

Amygdala
Opioids, ACh, glutamate

Hippocampus
LTP via Glu-NMDA complex

Locus Ceruleus
NE

How & Where (In The Brain) An Internal or External Threat in Any Person's Environment Becomes The Behavior Known as The Stress Response.

Hypothalamus
CRH, AVP, TRH, (ANS response)

Raphe Nucleus
5-HT

Anterior Pituitary
TSH, ACTH

Periaqueductal gray (PAG)

Thyroid Gland
T3 & T4
(compromises immune system)

Adrenal Gland
Medulla
Glucocorticoids (cortisol)
Cortex
NE, EPI

STRESS/FEAR BEHAVIORAL RESPONSE

