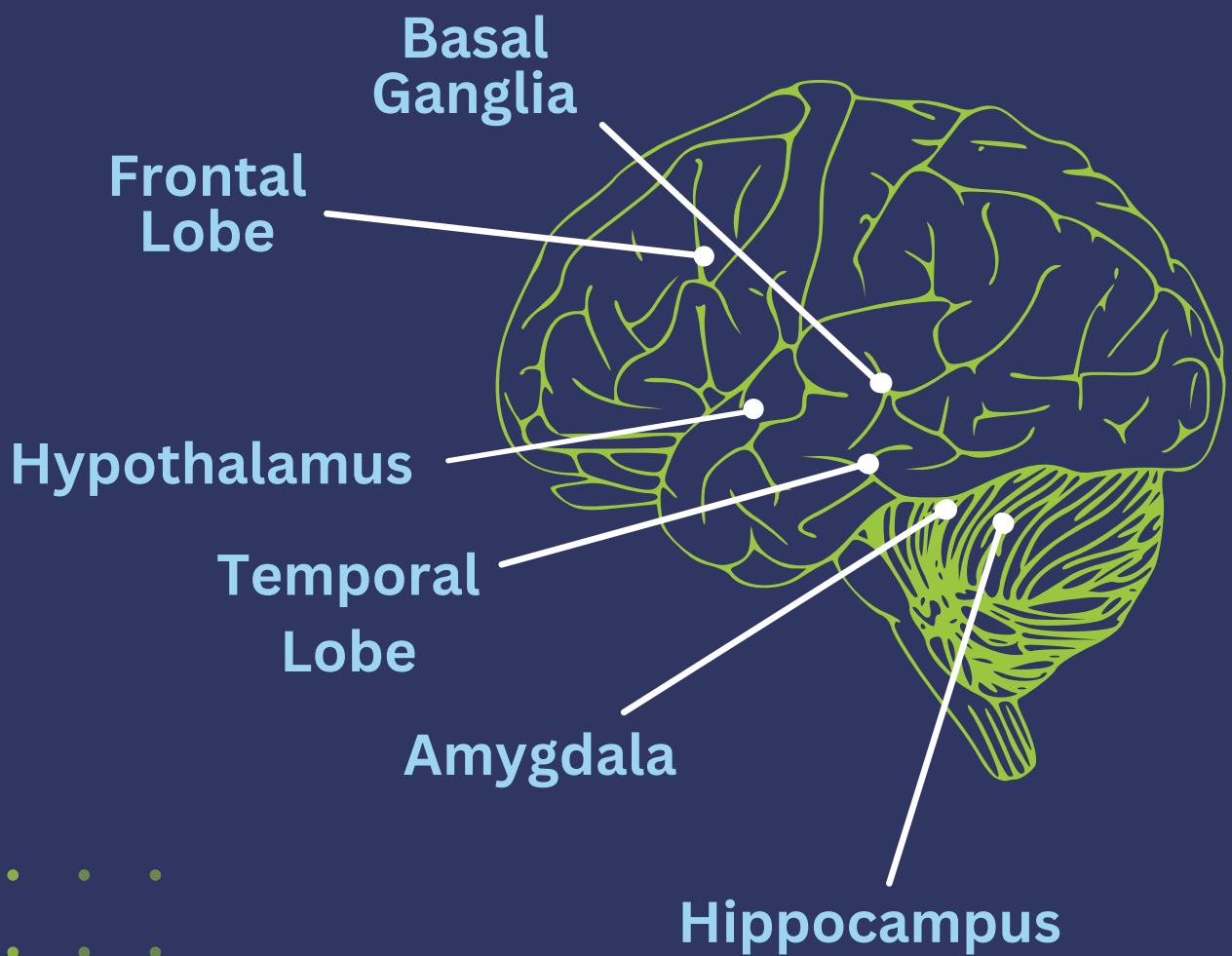


MENTAL ILLNESS ISN'T A MYTH

KEY REGIONS OF THE BRAIN THAT INFLUENCE MENTAL DISORDERS



Amygdala

Functions: Emotional processing, particularly fear and pleasure.
Influence: Amygdala dysfunction is associated with anxiety disorders, PTSD, and mood disorders.

Prefrontal Cortex

Functions: Higher-order cognitive functions, personality expression.
Influence: Dysfunction in the prefrontal cortex is implicated in conditions like schizophrenia, depression, and bipolar disorder.

Hippocampus

Functions: Memory formation and consolidation.
Influence: Abnormalities in the hippocampus are linked to conditions like Alzheimer's disease, PTSD, and some mood disorders.

Hypothalamus

Functions: Regulates basic physiological functions, including hunger, thirst, and sleep.
Influence: Dysfunction in the hypothalamus can be linked to eating disorders, sleep disorders, and certain mood disorders.

Frontal Lobe

Functions: Executive functions, decision-making, problem-solving, emotion regulation.
Influence: Dysfunction in the frontal lobe can contribute to conditions like ADHD, impulse control disorders, and mood disorders.

Temporal Lobe

Functions: Auditory processing, memory, language.
Influence: Temporal lobe abnormalities are associated with temporal lobe epilepsy, schizophrenia, and some types of memory disorders.

