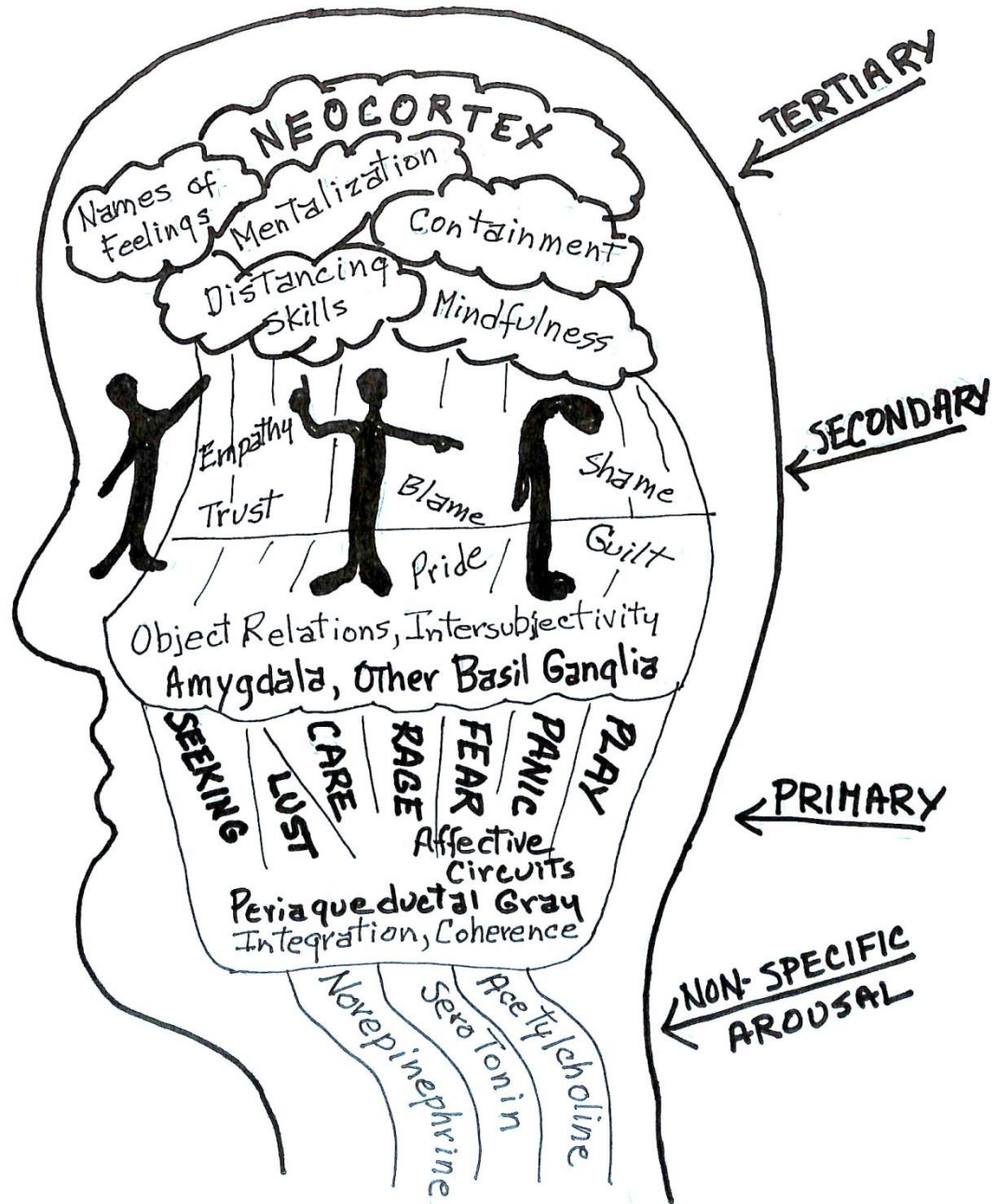
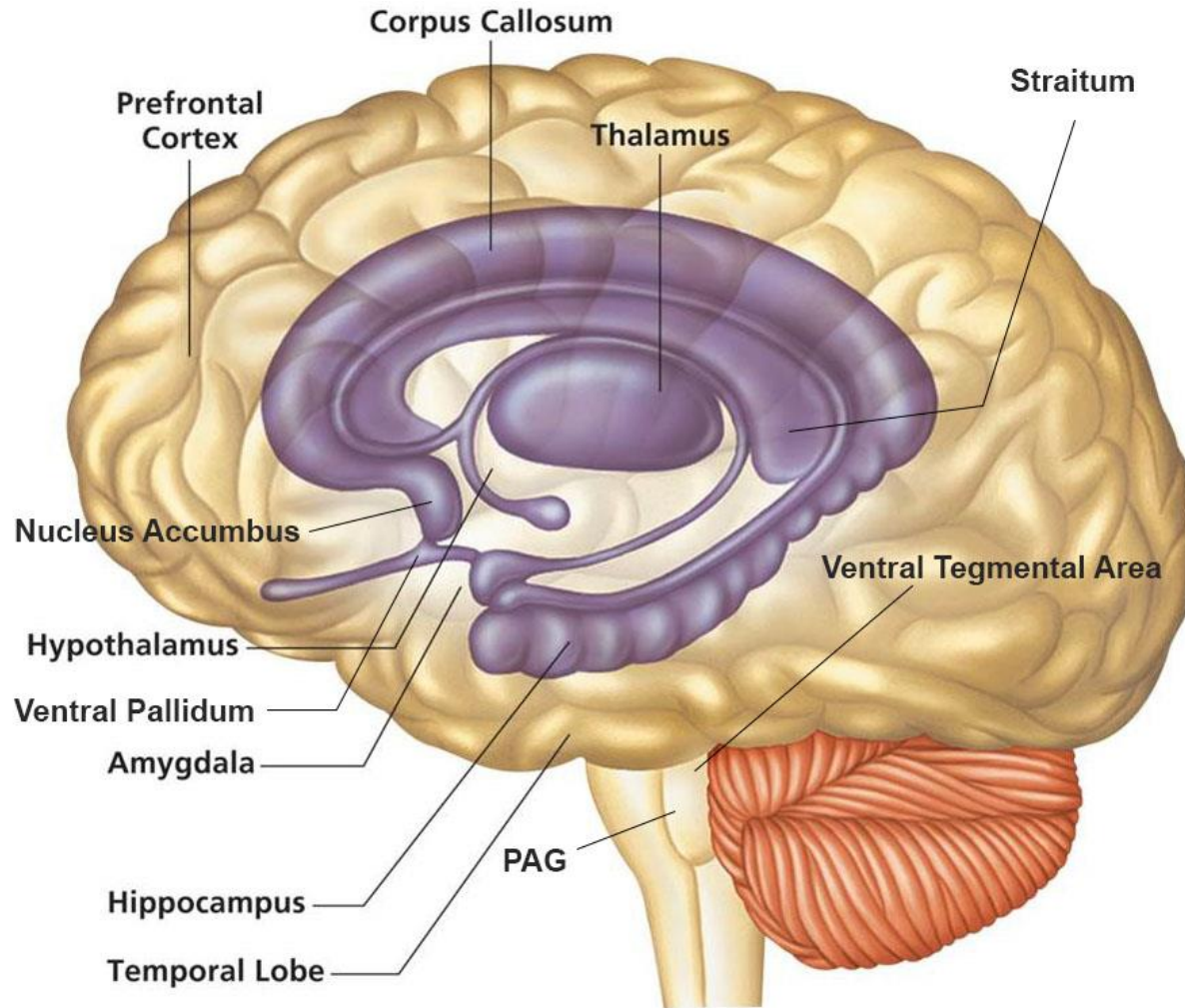


Color Slides to Support The Neurobiology of Love Presentations

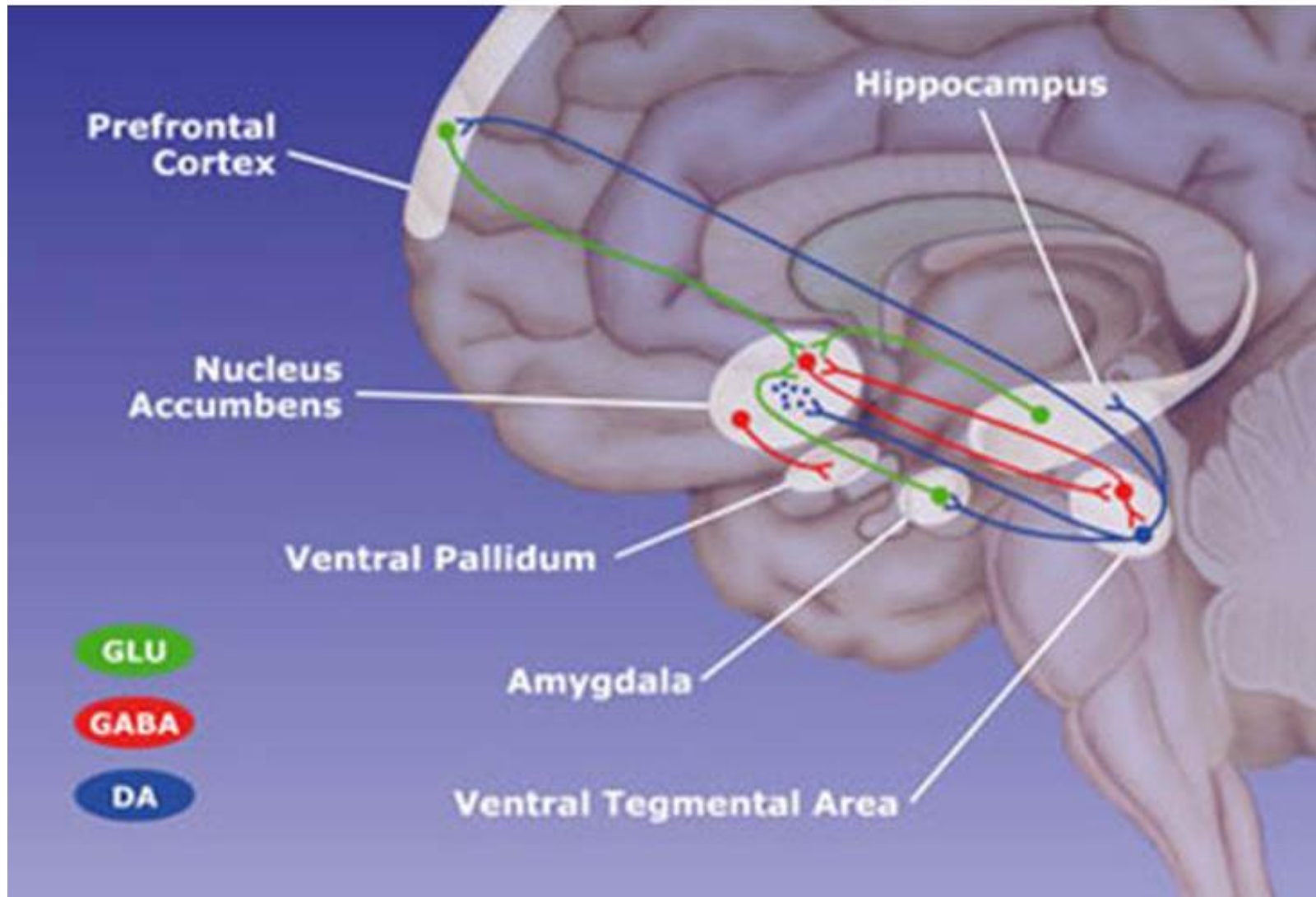
Harvey Joanning, Ph.D



Limbic System



Seeking/Expectative (The Reward Circuit)



Dopamine Pathways

Serotonin Pathways

Frontal cortex

Striatum

Substantia nigra

Functions

- Reward (motivation)
- Pleasure, euphoria
- Motor function (fine tuning)
- Compulsion
- Perseveration

Nucleus accumbens

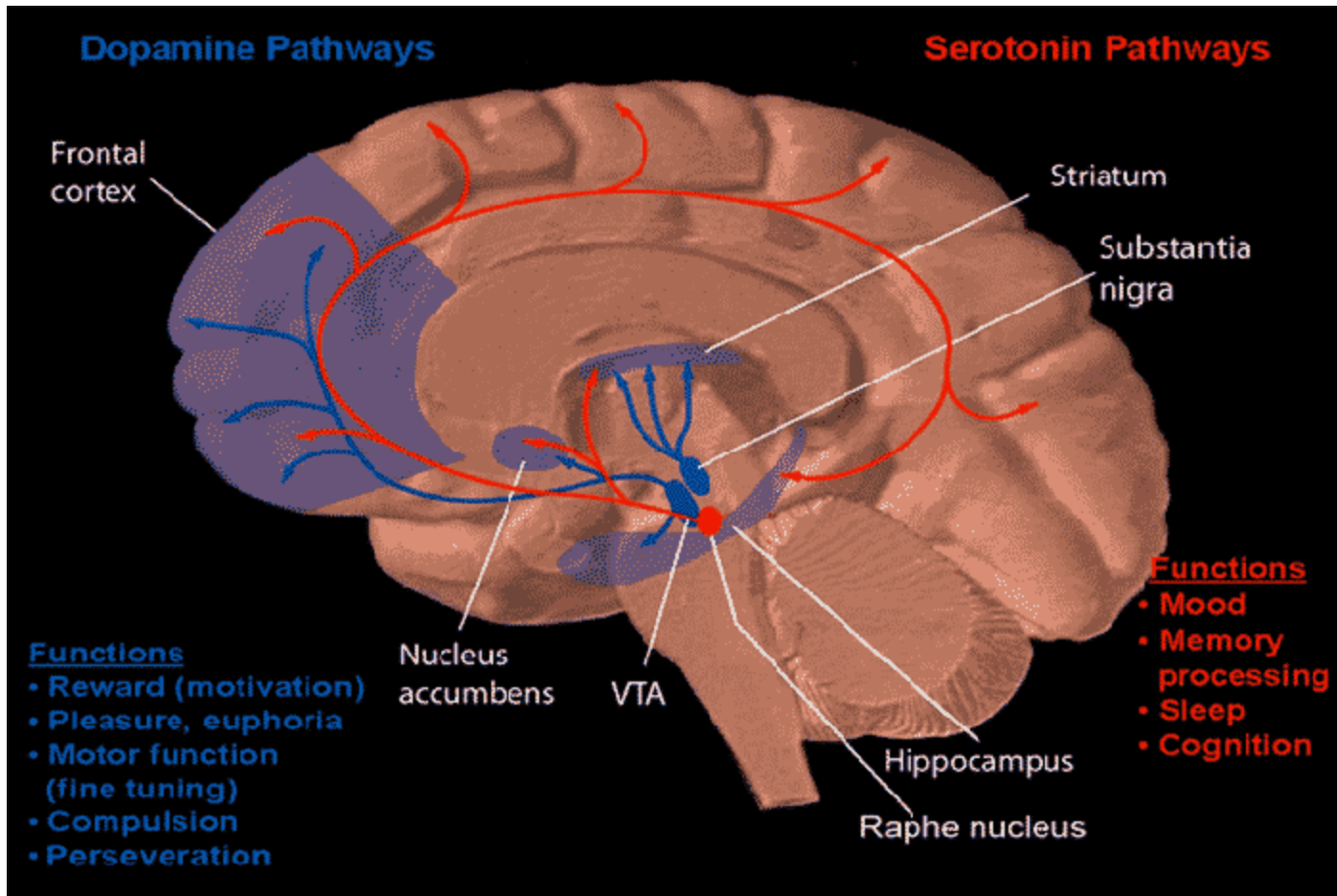
VTA

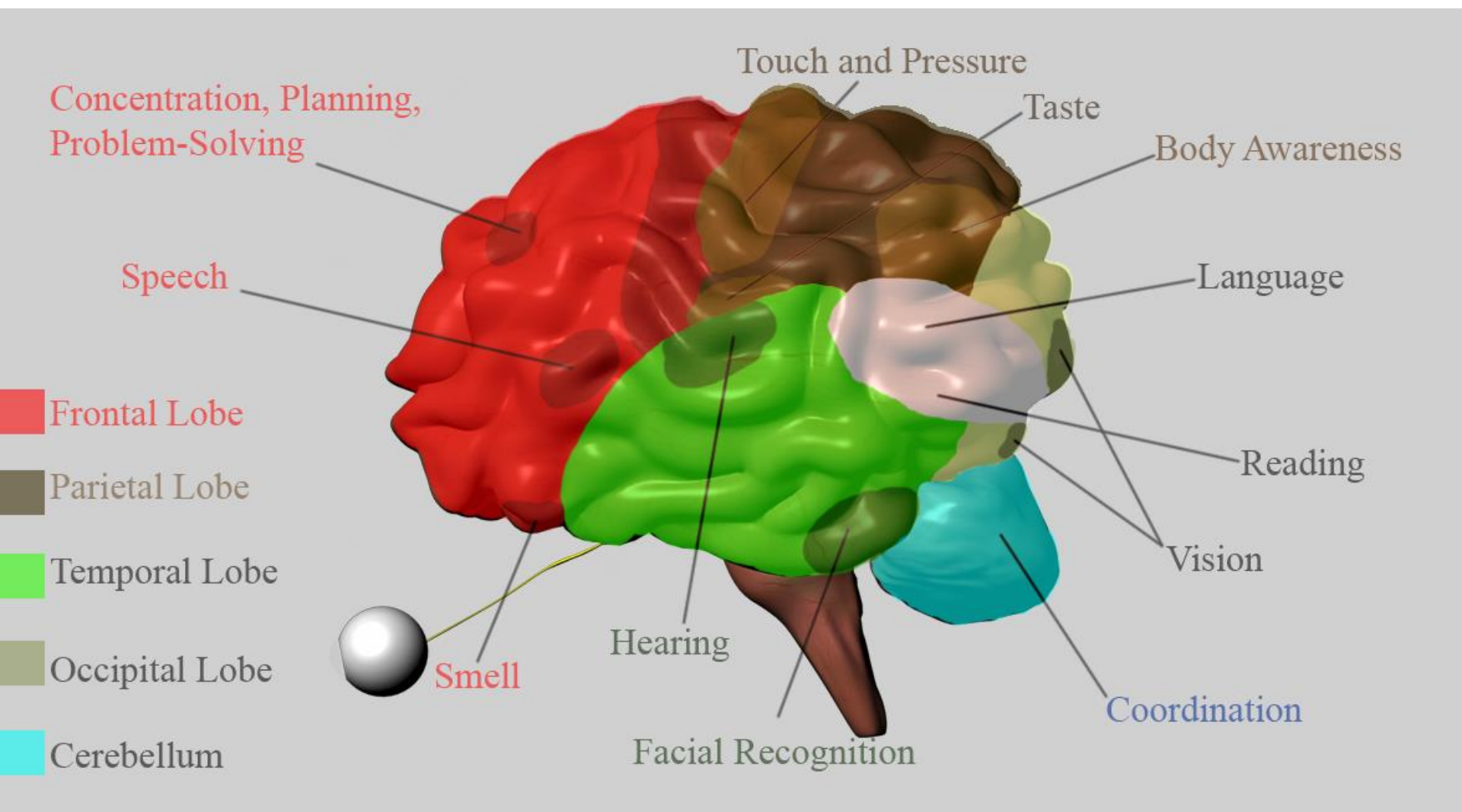
Hippocampus

Raphe nucleus

Functions

- Mood
- Memory processing
- Sleep
- Cognition





Hippocampus

Olfactory bulb

Amygdala

