Hypothalamus
Peanut-sized structure that maintains homeostasis, links endocrine system to brain, and regulates eating, drinking, sexual activity, and sleep

Thalamus
Processes and integrates information from all the senses except smell, and relays information to appropriate higher brain centers

Amygdala
Almond-shaped structure involved in emotion and memory

Hippocampus
Wishbone-shaped structure involved in forming new memories