## **Brain and Neural Organization**

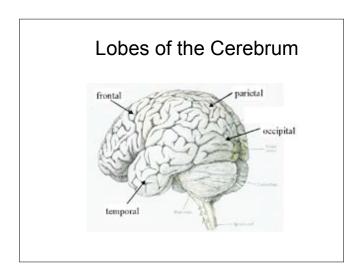
Intro Psychology
Georgia Tech
Instructor: Dr. Bruce Walker

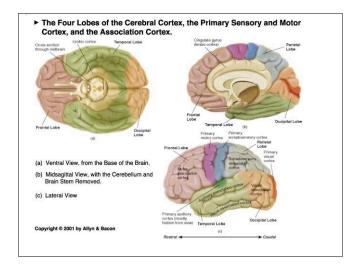
## Today

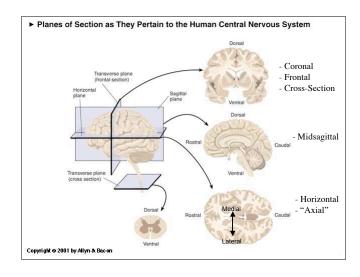
- · Structural regions of the brain
- Functional regions & organization

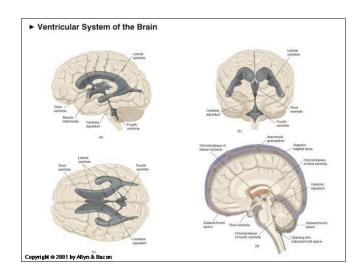
## **Getting Oriented**

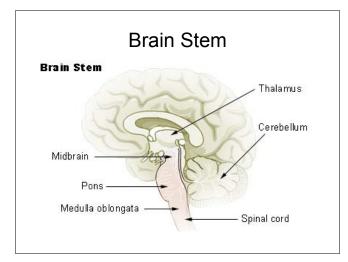
- Lobes
- Regions
- Tracts
- Structures
- Nuclei
- (etc....)









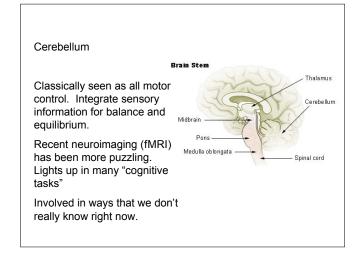


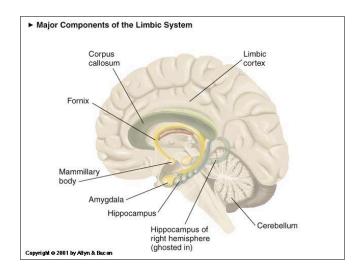
Medulla oblongata – heart rate, breathing

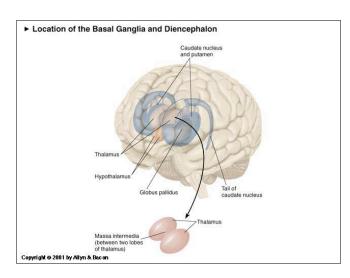
Pons – "relay station" for fiber tracts between cerebellum and cortex

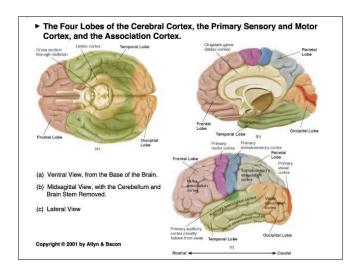
Midbrain – relays between cerebellum and cortex primarily for motor control

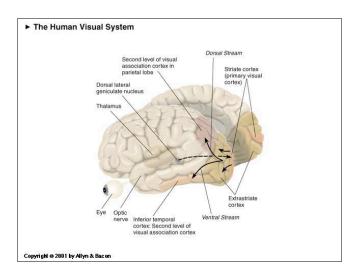
Thalamus – visual and auditory relays. Contains "reticular activating system" implicated in general arousal, sleep

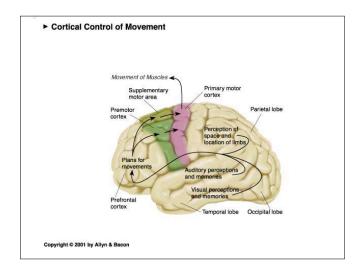












## **Upcoming**

- Vision as example of organization
- · Motivation & learning
- · Sensation & perception