1. Psych
   1. Hemispheric Specialization
      1. Left vs. Right
         1. Left
            1. Language
            2. Very frustrating if hurt as you’ll lose communication skills
            3. If you were to anestizize the left it often produces negative feelings, crying.
         2. Right
            1. Non-language
            2. They may be unaware or don’t care if this part of the brain gets hurt
            3. If you were to anestizize the right it often produces happy feelings, laughing
      2. Aphasias (Left hemisphere)
         1. Severe language impairment
         2. If you suffer damage to brokers area, you will get brokers aphasias where you can’t speak
         3. If you suffer damage to vernicues area, you will lose the ability to understand language
      3. Agnosia (Right hemisphere)
         1. Object recognition/spatial disorientation
            1. Those with visual agnosia, they have object recognition problems.

They are unable to put the features together to a coherent object

* + - * 1. Prosopagnosia

The inability to recognize faces.

This is not having a bad memory for faces

This is the absolute inability to recognize faces

Dr. P

He suffered from severe prosopagnosia.

There was a book that was written about him “The man who mistook his wife for a cat”

Saw faces when there wasn’t one

Describes as:

Everyone is the same

Wouldn’t recognize themselves in a photograph

They wouldn’t be able to recognize their mother or lover

* + - * 1. Left side neglect

Visual neglect

Disruption in spatial awareness in which people lose the ability to focus their attention on the left side

Unable to pay attention to the left

Men would only shave their right side of their face

Potentially deny ownership of left side

* 1. The split brain
     1. Severing corpus callosum eliminates communication between the hemispheres
        1. Corpus Callosum
           1. Thick fibers that connect left and right hemisphere
           2. Cutting it may be necessary for epilepsy seizures
           3. The problem is by cutting it is that you’re trapping information in one hemisphere or the other