

# **COMP 20090: Introduction to Cognitive Science.**

## **Study Sheet: Studying the brain**

Know the sad case of Phineas Gage and why it is of importance to brain science.

What are the strengths and limitations of Magnetic Resonance Imaging (MRI)?

How does functional Magnetic Resonance Imaging (fMRI) differ from MRI?

What was phrenology? Would we ever be in danger of associating 'places' in the brain with 'functions' today?

Be able to discuss the trade-off between temporal and spatial resolution in imaging techniques. Know which methods are good in time, and which are good in space.

What kind of information do we get from Diffusion Tensor Imagery?

What is neuromarketing?. How do you feel about it? Is it a threat?

What kind of information can we get from EEG recordings?