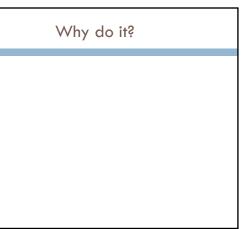
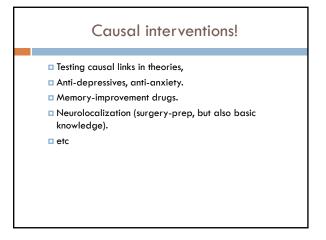
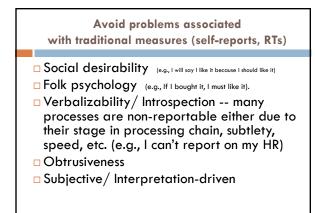


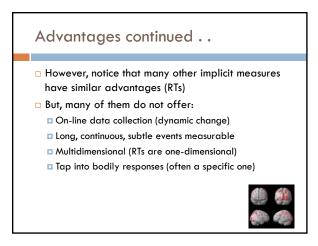
Definitions Social Neuroscience is a discipline concerned with "the mapping of the relationships between psychological and physiological events." SN -- integrative field that examines how nervous (central and peripheral), endocrine, and immune systems are involved in sociocultural processes SN -- comprehensive attempt to understand mechanisms underlying social behavior by combining biological and social approaches (Cacioppo & Berntson, 2002).

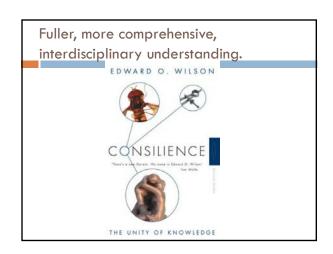


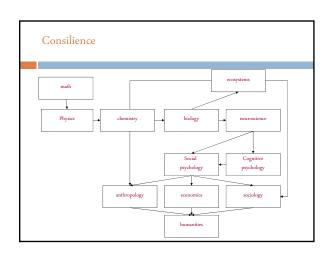
Better access into mechanisms (e.g., social cognition, emotion) Social perception and thinking Faces Theory of mind -- tpi, sts Self - mpfc Reflexive vs. Reflective elements Emotions: Arousal - SCR, Valence - EMG, Motivation - CVS Central questions of emotion: Emotion/Cognition interaction - fMRI of vmPFC Embodiment - e.g. TMS of somatosensory cortex



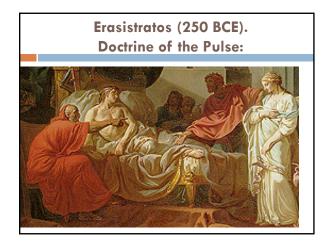






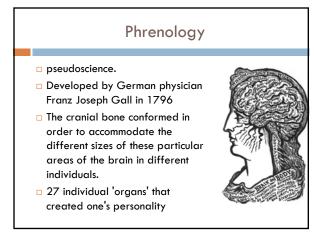


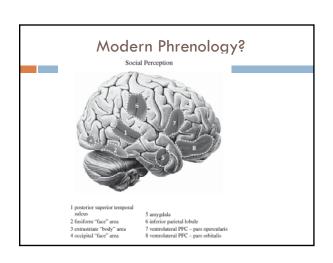
History



On the Temperaments, Galen (131–201 AD)

Humour	Season	Element	Organ	Qualities	Ancient name	Modern	<u>MBTI</u>	Ancient character istics
Blood	spring	<u>air</u>	liver	warm & moist	<u>sanguine</u>	artisan	SP	courageo us, hopeful, amorous
Yellow bile	summer	<u>fire</u>	gall bladder	warm & dry	<u>choleric</u>	<u>idealist</u>	NF	easily angered, bad tempered
Black bile	autumn	<u>earth</u>	<u>spleen</u>	cold & dry	melancho lic	guardian	SJ	desponde nt, sleepless, <u>irritable</u>
Phlegm	winter	water	brain/lun gs	cold & moist	phlegmat ic	<u>rational</u>	NT	calm, unemotio nal





A few famous cases

Phineas Gage

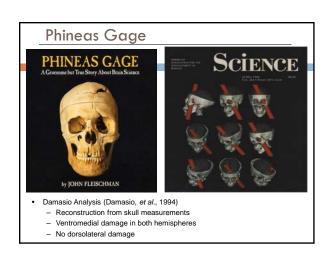
- · Before Accident
 - Loyal & trustworthy
 - Dedicated to job and community
 - 25 years old

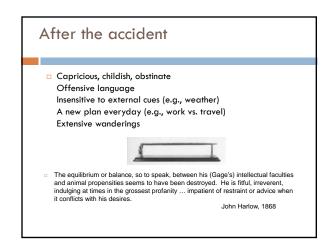


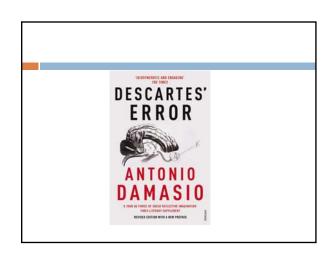
- Nature of Accident (13th. September 1848)
 - Walked away unassisted
 - No loss of language

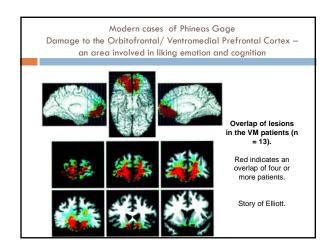


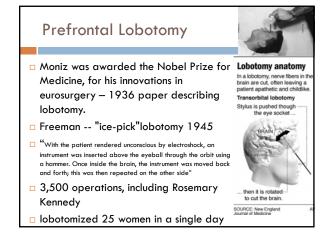


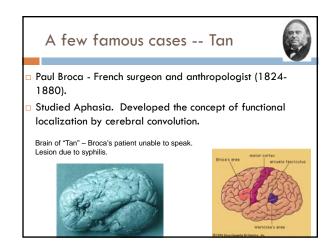


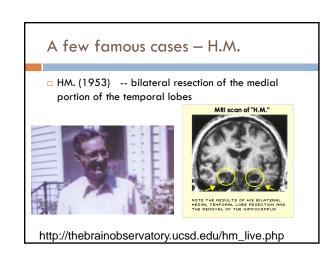


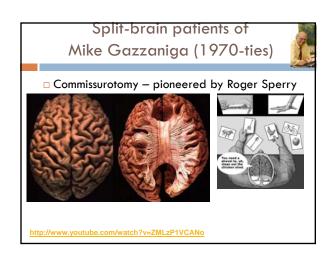


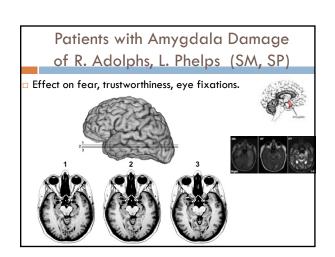


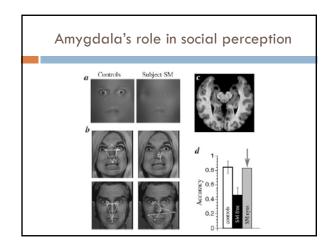












Summary:

- □ Phineas Gage (13th. September 1848)
 - Elliot
 - Lobotomy
- Tan aphatic patient of Paul Broca (1824-1880) -the concept of functional localization by cerebral convolution.
- □ HM. (1953) -- bilateral resection of the medial portion of the temporal lobes
- Split brain (1961) commissurotomy. Roger Sperry. Mike Gazzaniga
- $\hfill\Box$ Amygdala damage SP, SM (1980-ties and 90-ties).