Review of Week 9

COGS1 - Winter 2018
Midterm 3 Review – Boyle – Week 10 Wednesday!

- Same format as Midterm 1 and 2. Bring your ID!
- Midterm 3 will include Boyle-Introduction to Neural Networks plus all material covered in weeks 7-10.

Last EC-Quiz: Opens Sunday (3/10) @ 4pm!
According to Dr. Hollan, what differentiates those that make significant contributions from those that don’t?

According to Dr. Hollan, for what does computation provide the most plastic medium?

What are the benefits of robotic surgery?

What is happening to the boundary between the physical and digital worlds as more and more electronic devices are introduced to our life?

What does he mean by permeability?
- Human-centered design is the study of what?
- What are the processes of human centered design? What is the meaning of each step?
- How should one build a good design portfolio?
Bergen - Profanity

- The most offensive word in English language belongs to what category? Where did the ranking/data came from (or; how was the ranking/data obtained)?
- What’s the relationship between profanity and word length?
- What’s the relationship between profanity and syllable structure?
- What are open words and closed words?
- Know the described cross-cultural differences with regards to profane words.
- What physiological effects (e.g. heart rate, sweating, etc.) does swearing have on people? How does this differ for bilingual speakers?
- Know the theories of speech errors described by Dr. Bergen.
- What brain area has been implicated in inhibitory control?
- What is Automatic Aphasia? What is Coprolalia? Know the symptoms of these deficits.
- What brain region is thought to be a key player in the production of profanity?
- What’s the difference between swearing and neutral language with regards to lateralization and vocalization pathways?
Hollan Reading:
- What are ChronoViz and Activity Trails? What were they designed for?
- What is “ubiquitous capture”?
- What does “lifelogging” mean?
- What is a “personal information management system”? What kind of results does the system retrieve? What’s the limitation of the system?

Bergen Reading:
- How does profanity differ from other words?
- Recall the function of Broca’s Area and Wernicke’s Area.