Cogs 155 Gesture and Cognition

**Midterm 2 Review** (Not exhaustive - midterm may cover additional information!)

**Key terms** – explain each one and give examples when appropriate:

Teleology, exaptation, four views on origin of language, vocal learning, baby cry hypothesis, three theories for role of gesture in evolution of language, biological evolution vs. cultural evolution, “living fossil”, demonstratives, SOBA, pointing and its complexities, neuroimaging methods (fMRI, PET, ERP/EEG, MEG, TMS), premotor cortex, parietal cortex, N400, incongruent speech/gesture, frames of reference (object-centered, egocentric, geocentric), conceptual metaphor theory, metaphorical mappings, deictic time, deictic center, sequential time, Aymara construal of time, Yupno construal of time, gesture elicitation paradigm, dynamism in mathematics, “dead metaphor”, metaphorical fictive motion, mathematical formalism, gesture in congenitally blind children, conservation task, directions task

**Reviewing the Readings**

1. **M. Corballis – “The gestural origins of language”**
   Central claim:

   Three arguments used to support claim:
   1. 
   2. 
   3. 

2. **Willems & Hagoort – “Neural evidence for the interplay between language, gesture, and action: A review”**
   Purpose of paper:

   Four sources of evidence (summarize key points):
   1. 
   2. 
   3. 
   4. 

   Conclusion:
Research Question:

Methods:

Findings:

Significance:

Central claim:

Argument/evidence:

Significance:

5. Iverson & Goldin-Meadow – “What’s communication got to do with it? Gesture in children blind from birth”
Research Question:

Methods/Tasks:

Findings:

Significance: