Emotions Outline 2

-Misattribution of Emotion
  -Dutton and Aron Bridge Study
  -excitation transfer

Anatomy of Emotion
Role of the Orbitofrontal Cortex
-Somatic Marker Hypothesis
  “Elliot” case study: effects of tumor
definition of somatic marker; anatomical substrate
consequences of damage to orbitofrontal Cortex: Iowa Gambling test;
response to emotional stimuli
  Acquired “sociopathy”- Phineas Gage
  Developmental psychopathy

Role of the amygdala
-S.M. case study
  consequences of lacking an amygdala; recognition & experience of emotions;
eye-movement patterns
-Amygdala and recognition of fear in normal subjects
-Fear conditioning
  methodology
  conditioned vs. instructed fear response
  results in patients with amygdala damage
-Tranel Study: role of amygdala in response to external vs. internal threats
-Social deficits after amygdala damage
  -Pribram monkey hierarchy study
  -Kluver-Bucy Syndrome
  -Amygdala and Psychopathy
-Raine article on childhood fear conditioning: methods & results; possible interventions
-Moral decision-making: trolley/footbridge dilemma; imaging results
-Raine article on moral-decision-making in adult psychopaths: methods & results

Role of the Prefrontal Cortex
-basic functions; activity in psychopaths
-regulation of emotion: interaction between LDPFC and ventromedial/orbital cortex
-OFC and psychopathy: affective vs. predatory killers; structural and functional differences

Role of the Insula
-results in perception of disgust
-Sanfey article on decision-making in the ultimatum game: methods & results
  -interaction between DLPFC and insula activity in ultimatum game