Remember that the midterm is 3/3 during our regular class, in our regular classroom. You only need to bring something to write with (pen or pencil). The test will consist of identification questions, short answers, and essays. It will cover all assigned material and all material covered in classes. There will be no make-up exams, so begin your studying early and avoid health-compromising behaviors.

Brain mechanisms
1. What 4 types of studies can be informative regarding brain mechanisms?
2. What does the research by Kluver & Bucy (1937) and Olds & Milner tell us about the role of the limbic system in emotion?
3. What does the limbic system connect with? Why are these connections important in studying emotions?
4. What hemisphere has been associated with the recognition of emotional expressions? What types of research support this conclusion? (Note that this is discussed in the text.)
5. How are the hemispheres thought to be related to the experience and expression of positive and negative emotions? What types of research supports this conclusion? (Note that this is discussed in the Davidson reading.)
6. LeDoux
   a. Of the 4 methods for studying brain mechanisms of emotion, which does he employ?
   b. What are natural and learned triggers? Explain how the same innate response can be associated with each.
   c. What is LeDoux saying about the central nucleus of the amygdala and its relation to different components of the fear response?
   d. What does he mean by a high and low road to the amygdala?
      i. Why would we have both of these paths?
      ii. What does this imply about emotions, especially thinking about the Lazarus and Zajonc debate?
7. Davidson
   a. Of the 4 methods for studying brain mechanisms of emotion, which does he employ?
   b. Why does he use EEG?
   c. What is he quantifying? What is his dependent measure?
   d. He is studying both phasic emotional effects and what he calls affective style (what we have defined in the past as temperament). What is the difference between the two?
      i. Describe a study that relates to each focus
   e. Davidson's findings show that positive vs negative emotions are associated with different hemispheres. How does this fit in with the research discussed in the text that showed right lateralization of emotion?
   a. Of the 4 methods for studying brain mechanisms of emotion, which does he employ?
   b. What are they interested in? What motivated this study?
   c. What did they do? What were the different tasks they used and what was each designed to assess?
   d. What were the results for each task? Together, what does this pattern of results suggest?