

Readings Study Questions **LECTURE 27**  
on Rosenzweig Chapter 8 (pages 281-321)

1. Explain the difference between brightness, hue, and saturation.
2. Describe the functions of the rods, the bipolar cells, and the ganglion cells in the retina. What are some similarities and differences of their electrical responses and receptive fields?
3. How does the eye adapt to the range of light intensities that it encounters? Give several mechanisms.
4. Why is our visual acuity much higher in the fovea than in the periphery?
5. What are the receptive fields in area V1 like?
6. What is an ocular dominance column?
7. What is some evidence area V5 (MT) is involved in motion processing?
8. What are the two major visual processing streams? Describe their differences.