Chapter 14

**TOUCH AND PAIN**

Assignment 1

This set of questions works well as a group homework assignment, but may also be assigned in class or on a class forum:

Answer one of the following questions:

1. How might it be possible to lose pain sensation in the left leg and pressure sensation in the right leg? Check the pathways these sensations travel to the brain.
2. What are similarities and differences in how temperature and pain are processed?
3. Why might it be good that we do not adapt to pain?
4. How does the organization of the somatosensory cortex help us explain Aristotle’s illusion?
5. How does the gate control theory explain how pain sensations can change depending upon our activity?

Assignment 2

If not already assigned in Chapter 1, this assignment may work well in this chapter.

Ask students to complete the following exercise:

* Follow the instructions for Aristotle’s Illusion from [ISLE 1.5](http://isle.hanover.edu/Ch01Intro/Ch01Aristotle.html).
* Describe your experience (either for a forum or other method of write-up).
* Why do you think this illusion occurs?