Announcements

- First **Muscle Matching Quiz** is scheduled for Thursday of this week, at the start of the lab period (@ 15 min).
- The exercise on **Reflexes** (pp. 97-99) including the **worksheet** on pg. 101) follows the quiz on Thursday.
- Levers worksheet **due** this Thursday.
- Sheep brain **dissection today**. Use your completed pre-
  lab exercise.
- You should be **checked-off** on all of the first 4 anatomy assignments before the first lab practicum. This means by Monday, Oct. 25th, if not before.
- **OPEN LAB** hours for Oct. 23rd & 24th will be posted ASAP.
Learning Objectives

1. Identify and describe the structure and function of the major organs/regions of the CNS & PNS.
2. Identify the cells and tissues of the CNS and PNS listed in the histology lab assignment.
3. Identify the features of the brain (including identification and functions of the cranial nerves) listed in the lab assignment, and studied during your dissection of the sheep brain.

Nervous System Assignment (p. 87)

- ADAM dissection of the nervous system (pp. 87-89)
- Sheep brain dissection (Tuesday, p. 94)
- Nervous system histology (p. 103)
- Study Models (keys begin on p. 105)
  - human brain
  - human nerves
  - ventricles of the brain, and
  - spinal cord (x.s)
- Reflex arc (Thursday, p. 97)
- Demonstration: human brain

Please be careful! Very fragile!
Using ADAM to study the Nervous System

- Use the List Manager to view only Nervous System structures.
- Use the Find tool to locate some of these structures in different views.

Nervous Histology pp. 103-104

- You have studied some of these slides before
- There is a guide to nervous system histology in this section (p. 104).

What is A pointing to?
Sheep Brain Dissection pp.94-95

- Wear PPE; gather dissection pan and tools
- Rinse brain in tap water; pat dry w/ towels
- Dissect at front row, near ventilation
- When finished...
  - Wash and dry your tools
  - Separate pan and blue liner to wash and dry
  - Clean desk top

Sample Lab Exam Station

1. Identify the structure/region of the brain labeled C AND list one function.
2. Identify the space labeled B AND describe the contents of this space.
Thursday:
Reflex Arc Exercise p. 97-101

- Return reflex hammers to the front desk
- Ice chips are in the styrofoam bucket
- Answer the questions in the exercise
- Complete the matching worksheet on p. 101

What is the relationship between the muscle stretch reflex and muscle tone? How are these reflexes related to posture?

Next Week

- The lab closes Monday, Oct. 25th at _____pm
- Lab Practicum on Tuesday, Oct. 26th
- Special Senses (eye and ear, including eye dissection) on Thursday. Special Senses is not on this first lab exam.
- A lab practicum review guide is on the last page of the course packet. Please bring a pencil with a good eraser to the practical exam next Tuesday.