Chapter 15

**OLFACTION AND TASTE**

Assignment 1

This can be done as a sort of homework experiment:

Grab some friend and different flavor juices, such as grape juice, orange juice, cranberry juice and others. You will also need an eye dropper and cups that do not allow the juice to be seen through the cup. Have the friend close their nose can place a drop of the juice on their tongue and ask them to identify it. Then repeat the task with their nose open and again ask them to identify the juice. Keep careful track if they are correct or not. Are they better with their nose open or closed? Are their juices that do better with their nose closed? See if you can explain your results.

Assignment 2

This may be assigned in class or as homework:

Trace the pathways for either olfaction or gustation to the brain. Compare them to visual and auditory pathways. Are there any differences between the olfactory or gustatory pathways and the visual and auditory pathways? Anything unusual?