EXTRA CREDIT ASSIGNMENT #1 (Histology)  

On left side of the Desktop, click on the “Histology” icon. Double click on “Catalog of Images” found at the bottom of the screen. Find Introduction to Tissues.

A. Click on Epithelial Tissues. View each of the following tissues, place the arrow on “show labels”, then complete the statements and answer the associated questions **on this handout**.

1. Simple Squamous: Peritoneum  
   a. Squamous cells are __________________________. They are closely linked together to form the __________________________, which is a thin sheet of squamous epithelial cells covering the body’s membranes.

2. Simple Cuboidal: Kidney  
   a. Simple cuboidal epithelium forms the walls of ________________ in the kidney

3. Simple Columnar: Small Intestine  
   a. Simple Columnar Epithelium lining the human intestine contains __________________________-secreting cells known as ____________________ cells.

4. Stratified Squamous Epithelium: Skin  
   a. The superficial layer of skin, the __________________________ is composed of stratified squamous epithelium.

5. PSCC: Trachea  
   PSCC stands for:  
   b. The __________________________ appear like tiny hairs.

6. Transitional: Urinary Bladder  
   a. Transitional epithelium lines the urinary bladder, providing it with the ability to ________________ and ________________ with changing fluid volumes.

Click on “Return to Catalog of Images”.

B. Click on Connective Tissues. View each of the following tissues, place the arrow on “show labels”, then complete the statements and answer the associated questions **on this handout**.

1. Loose Connective Tissue  
   What is another name for this tissue?
b. What is the primary cell type of this tissue?

2. Dense Regular Connective Tissue  
a. The pink, wavy lines are strands of ____________________________

   b. Name the cells indicated by the labels.

3. Hyaline Cartilage  
a. Name the pale, pink background indicated by the labels.

   b. Cells called ________________ are visible within chambers called lacunae.

4. Compact Bone (to the right)  
a. The dark area in the center of an osteon contains ____________________,  
   ______________________ and ______________________.

   b. Name the tiny canals that provide nourishment to the osteocytes.

Click on “Return to Catalog of Images”.

C. Click on Muscle Tissue. View each of the three types of muscle tissue, place the arrow on “show labels”, then complete the statements and answer the associated questions **on this handout**.

1. Which types of muscle tissue has/have striations?

2. Which type has spindle-shaped cells?

3. Which type has thick cell junctions called intercalated discs?