Writing Assignment Project Guidelines  
Biology 231 - Physiological Anatomy  
Lange

Computer software can provide exciting and useful tools to help you gain a greater understanding of the human body. I wish for you to gain further experience using the EBSCO Database software entitled “Smart Imagebase - Scientific & Medical Art” through the following assignment:

With use of the Smart Image Database, you will be able to create a color image of a region of the human body of interest to you. I wish for you to create an INTERNAL body image that shows a set of anatomical parts that are of interest to you. Then, after you have selected and printed an image, I ask you to write a 1 - 3 page summary of interesting features of your diagram. Below, I outline the steps to take in this essay, and offer examples of some of the items you may wish to discuss.

1. The Smart Image software is accessible through any networked computer on the campus of SVSU. To access this software, go to http://svsu.edu and then click on the “Library” button. In the next screen, please select “Databases A-Z” under the E - Resources menu. In the next window, select the “Smart Imagebase” and the software will open up. The program is designed to be very intuitive and easy to use. Once you find an image you like, you will be asked to accept “usage agreements”, and then you will be able to save the image in one of several formats. Please bring a flash drive or blank computer disk with you to save your image. Please note that there are only a limited number of users who can be logged onto the Smart Image Database at any one time, so it is in your best interest to not wait until the last minute to obtain your image.

2. When using the database, be sure to select a topic of special interest to you. Be aware that you may select any INTERNAL topic of interest to you. It can be a system, region, or interesting section of the body that you select.

4. Print out your image in color. Be sure to print out your image across as much of the 8 x 11 inch surface of your paper as possible, and do not include other computer screen images (such as tool bars, library icons, etc.).

5. Describe the image in a 1 - 3 page summary essay. This summary must be computer generated or typewritten, and should discuss the following items (Please DO NOT simply write the questions down and then answer them as if this were an essay examination. Instead, create a short document that incorporates the questions.):

   a. What is the image you have printed, and what is your specific focus in this image?
   b. Why did you select this particular image?
   c. In terms of the image you have selected, what would be the anatomical structure or region or plane that is on either side of this image?
   d. What are several common diseases associated with this selected area?
   e. What is at least ONE uncommon disease associated with this area?

6. An essay that is ready to turn in to me shall have the following parts.... a) it must be stapled (if it is not stapled, there will be a loss of 15 points on the assignment), b) it should have a cover sheet with your title, your name, and the course name, c) it will include your 1-3 page essay, and d) it will include your Smart Image illustration. Please turn in the assignment to me ONLY during lecture on the official due date identified in your syllabus. I shall grade the assignment according to the quality of your presentation and the depth of your analysis of the associated diseases.