

The purpose of this assignment is to increase your familiarity with the role that genetics play in human disease. In addition, this assignment will require you to become more familiar with both how a disease affects an organism, the treatment methods for this disease and the costs associated with this disease. **This assignment is worth 25 points and is due no later than 8:10 A.M. on 30 March 2010.** Your answers must be typed and submitted in your folder or you will receive a grade of zero on this assignment. Late papers will be penalized 20% per day or portion of a day late (Turning in your paper at 8:11 A.M. on 30 March 2010 is considered a portion of a day). You must also submit an electronic version of your assignment using your **Shepherd University** e-mail account. Use the following format to name your file: initials of first and middle names, first two initials of your last name, OCA3. For example if I were submitting a paper I would name his file CJNOOCA3. This electronic copy will allow me to submit the papers to Turnitin for plagiarism checking.

I will be happy to help you by answering any questions that you may have regarding portions of the assignment. In addition I will be happy to read any papers in advance and make comments about the paper prior to 15 March 2010. If you would like me to review and comment on your paper please send your draft to me electronically at [cnolan@shepherd.edu](mailto:cnolan@shepherd.edu). I will attempt to return your paper with comments within four (4) *working days*.

As one means of educating the public some organizations will prepare and distribute fact sheets discussing various aspects of the specific disease or health related condition you discussed in OCA#2. In this assignment, you will be preparing a fact sheet that would provide adequate information to a layperson about the disease/health condition. Much of this material will be included in OCA#2, however you will need to select the information that would be most relevant to a lay person.

You must provide information in complete sentences and in paragraph form. Copies of relevant figures and illustrations that convey important information should be included, but must be discussed. Your fact sheet can not exceed two pages (one double sided page) in length. You do not need to include parenthetical references; however you must provide a list of references used. A minimum of 5 different references is required. I would encourage you to consider the page layout when preparing your fact sheet.

You will be graded on the completeness, accuracy, overall “quality”, and appearance of your fact sheet. It is your responsibility to determine the amount of information that you will include for each area. For example, you may decide to provide minimal information about some topic areas and place greater emphasis on other topic areas. You should prepare a fact sheet that would address the questions of a layperson regarding this disease. Plagiarism of existing fact sheets will result in a grade of zero for this assignment.

The fact sheet will be graded using the following rubric:

**Content (15 points)**

*Adequate Content Included to Provide Understanding of Disease (10 points)*

Points Earned =

*Figures and Tables Used Are Appropriate (5 points)*

Points Earned =

**Mechanics—Organization, Sentence Structure, Spelling, Punctuation, References (5 points)**

Points Earned =

**Overall Appearance (5 points)**

Points Earned =