Genetic Disorder Paper Rubric (60 Points)

Student Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Disorder \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Pd \_\_\_\_\_\_\_

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| **PowerPoint** | **Points possible** | **Points earned** |
| 1. Name of disorder    1. spelled correctly    2. alternate names for disorder included    3. How the name was chosen    4. Who/when/where/how discovered | 5 |  |
| 1. Type of genetic disorder    1. Specific type of disorder given with brief explanation of what that type of disorder is. (Ex. If the disorder is present because there is trisomy of 21st chromosome, explain what trisomy means.)    2. Explain how the disease is inherited. | 5 |  |
| 1. Chromosome/genetics graphic    1. your particular disorder is represented by a graphic of a chromosome, karyotype, punnett square, pedigree…etc.    2. location of genetic cause clearly marked if chromosome picture is used. | 5 |  |
| 1. Symptoms of disorder   explanation of all possible symptoms of the disorder. | 5 |  |
| 1. Effects of disorder   explanation of all possible effects of the  disorder. | 5 |  |
| 1. Diagnosis of individual with disorder    1. explain how doctors determine a person has the disorder.    2. Specific tests used in diagnosis | 5 |  |
| 1. Prognosis of individual with disorder    1. For example, the life expectancy of a person with the disorder, limitations they may face, etc.    2. How does this disorder impact the person who has it?    3. How does this disorder impact their family members? | 5 |  |
| 1. Treatments/medications available to individual with disorder    1. Current treatments of disorder and current treatment of symptoms    2. Treatments used in the past    3. Is gene therapy a possibility? | 5 |  |
| 1. Current research   Find at least one facility/foundation that is researching this disorder and explain what they are working towards in the future. | 5 |  |
| 1. 2nd graphic related to your chosen disorder | 5 |  |
| 1. **Summary** of one great story about an affected individual or the parents/family of the affected individual (Do not just link a website to your PowerPoint.) | 5 |  |
| 12) **Works Cited Page**  a) at least five sources  b) at least one of five sources from an interview  c) sources properly cited in MLA format | 5 |  |
|  | 60 points total |  |
|  |  |  |

-You must have three pages in length. For every ½ page missing you will lose 3 points. Graphics cannot take more than 1/5 of a page or you will lose 1 point for every 1/5 of a page that it takes up.

-PLAGIARISM: Plagiarism will result in a zero on this paper. YOU MUST PUT ALL INFORMATION IN YOUR OWN WORDS.

-Grammar and spelling will be taken into consideration. You will lose a point for every three words that are misspelled and a point for every three grammar mistakes that are made.

-Late: you will lose 2 points for every day that the paper is late.

PAPER DUE ON THURSDAY, JANUARY 19TH, 2017