Genetic Disorders Research Paper

You will be researching a genetic disorder to be presented in a research paper format. The following information should be obtained:

1. Signs and symptoms of the disease
2. Chromosome(s) and gene affected
3. Cause of disease (type of genetic defect): protein affected and result of defect.
4. Medical treatments available
5. Effect on daily lives of individual and family
6. Pictures, Karyotype, Punnett Square, Pedigree of the phenotype (at least 2 of the four)
7. **APA format** for entire paper, including reference page (see LRC guide with link)
8. You will submit a 3.5-4 page paper **(NOT INCLUDING TITLE OR REFERENCE PAGE)** to Turnitin
9. All of the information covered in Ch.11 of your textbook provides the foundation for your research. You must include it in your references.

No two students in the same class can do the same condition.

1. **Achondroplasia**
2. **Androgenetic Alopecia**
3. **Pfeiffer Syndrome**
4. **Waardenburg Syndrome**
5. **Ehlers-Danlos Syndrome**
6. **Cri Du Chat Syndrome**
7. **Cystic Fibrosis**
8. **Down Syndrome / Trisomy 21**
9. **Fragile X Syndrome**
10. **Hemophilia**
11. **Huntington's Disease**
12. **Hypopigmentation/albinism**
13. **Klinefelter Syndrome**
14. **Krabbes Disease**
15. **Marfan Syndrome**
16. **Duchenne Muscular Dystrophy**
17. **NOMID**
18. **Phenylketonuria (PKU)**
19. **Sickle Cell Disease**
20. **Tay-Sachs**
21. **Trisomy 13**
22. **Trisomy 18**
23. **Turner's Syndrome**
24. Another disorder not listed???

Timeline:

Topic Choice sign-up: **Feb.** 13, 2017
First Reference page in perfect APA format due on Turnitin: **Feb. 14, 2017**
Outline due on Turnitin**: Feb15, 2017** (must have APA citations for all information)
Final Paper due on Turnitin**: Feb. 21, 2017**