Spinrad/Psychology

Brain and Behavior Project

**Driving Question**: Describe instances when “bad behavior” is not a question of free will or choice, but, instead, is a case of parts of the brain malfunctioning. Put a bit differently, describe how organic brain disturbances mimic psychiatric or "moral failure" problems; i.e., when an acute midlife crisis or a gambling addiction is really not. Instead it is an example of a certain section of the brain going haywire. Pick one topic from the list of sources below.

1. Study the following sources as well as what you find on your own. You may work with one partner if you wish.
2. An example from your textbook
3. <http://www.newyorker.com/reporting/2007/09/24/070924fa_fact_sacks>
4. <http://jpet.aspetjournals.org/content/273/1/373.short>
5. <http://indiancountrytodaymedianetwork.com/article/brain-chemical-predisposes-people-to-uncontrolled-gambling-99250>
6. <http://66.199.228.237/boundary/Sexual_Addiction/sexual_addiction_sexual_compulsivity_sexual_impulsivity_or_what_toward_a_theoretical_model.pdf>
7. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2235907/>
8. Interview a San Marin AP Bio student. (They have been notified.) They will especially help you in how to present your findings and understanding where research is lacking. You MUST do this step.
9. Present your findings as a PowerPoint or video. Answer the driving question and also compose a interesting question that has NOT been sufficiently addressed by current research. In summary, you are presenting your answer to the driving question and one interesting question.