

Final Presentation MCDB 3651

Goals:

- Explore in more depth a topic that you find intriguing.
- Evaluate experimental data produced by scientists in this field.
- Integrate experimental findings into your current knowledge base.
- Draw conclusions and make inferences from what you have read on these topics.
- Reflect on the many concepts you have learned.
- Create something understandable to non-scientists.

Guidelines:

You and your group will create something you can share with the public on a topic of your choice. The topic has to be unique, i.e, it cannot simply be a repeat of a topic we have covered, but rather should use some of what we learned during the semester to address something we did not discuss in detail. What specifically you create for this assignment is up to you, but it must include the following:

1. Historical context and relevance (why you chose this topic, and why someone else would want to learn about it).
2. Scientific presentation of content, including data, integrated into explanations that can be understood by intelligent non-scientists.
3. Visual, auditory, or otherwise sensory components to the final Presentation(ie, figures, graphics, music, etc) that aid in the understanding of the topic you have chosen to explore.
4. A creative approach (the presentation itself, or the product).

Rubric: The below table is the rubric that will use to grade your presentations: each category has roughly equal weight (75 points are possible for this presentation).

	Poor	Acceptable	Good	Excellent
Organization	Presentation has no sequence of information	Presentation has haphazard sequence of information	Presentation has logical sequence of information	Presentation has logical, interesting, and easy to follow sequence
Content	Members of the group do not have an understanding of the topic	Some members of the group are uncomfortable with the topic or do not understand how things link together	Most members of the group are at ease with content but cannot elaborate if asked questions	All members of the group demonstrate full knowledge, can integrate ideas together, and answer questions easily
Support Material	Limited, unimpressive visual/auditory aids were used	Occasional but ineffective use of visual/auditory aids	Effective use of visual/auditory aids	Compelling and informative use of visual/auditory aids
Mechanics	Presentation was illegible, incomprehensible, or poorly presented	Presentation was insufficiently presented or partially incomprehensible	Presentation was presented well and relatively easy to follow	Presentation was fabulous, exciting, and crystal clear
Delivery	Presenters mumbled and showed lack of enthusiasm; members of group did not interact	Presenters spoke too quietly and some lacked enthusiasm; members of group interacted ineffectively	Presenters spoke well, showed interest, and interacted well	Presenters spoke clearly and with enthusiasm, held the attention of the audience, and interacted dynamically
Creativity	Boring presentation. Repeats well known topics without expansion Shows no evidence of reflection and integration	Somewhat interesting presentation with new information but does not tie it together well	Interesting presentation that shows evidence of reflection and integration of multiple topics	Creatively addresses topic, making it very accessible, integrated and stimulating