

## Criteria for Book Presentation SCI 465 – Fall 2012

The last page of this document contains the grading rubric for this project.

Book: Choose any biography of a scientist who was born after 1900. Post your choice on the Enhance.edu Forum by September 28. You cannot use the same book as a classmate. Post early so that you can get your first choice! You may not change your book choice after 9/28 so choose carefully before posting. You are responsible for verifying that no one else has already posted the book that you want to use.

Three page (not including the Title page) review paper of the book due October 19 (Oct 12 is deadline for early feedback)

1. Must include a **“discussion” on the “pathway” taken by the scientist(s)** to their scientific discovery(ies). *How did this person(s) think scientifically?* Make specific connections with the pathways described in Chapter 1 of the Derry text (example, “Derry, pg 21”)
2. Background on the science – NOT on the scientist (use Hazen and Trefil if possible).
  - a. What was known before?
  - b. What did the scientist contribute?
  - c. Why was this an improvement?
3. Reference all resources. Please provide references using APA style.  
<http://www.ccc.commnet.edu/apa/>
4. Your opinion about the book, for example, on
  - Readability of the text
  - Recommendation for others to read
  - Usefulness of the text in your own teaching
  - Appropriateness for SCI 465

Poster presentation (in the style of a science fair project) (due date 11/5 or 11/7)

Poster Reviews (at least 6) Reviewing other student’s work is the hardest part of this assignment. We have a detailed rubric that was created by a previous Sci 465 class that we use. You must grade fairly and accurately without allowing your emotions to obscure your objectivity. The course average grade is around 78 -80% so it would be completely unreasonable to expect your 6 poster reviews to average over 90%. Your reviews are completely anonymous so there is no concern with your fellow student’s view of you personally. Your critical feedback will help them learn.

Evaluator Name: \_\_\_\_\_ Presenter Name: \_\_\_\_\_  
Book Title: \_\_\_\_\_ Scientist: \_\_\_\_\_

I. Poster (grade **BEFORE** listening to presentation)

a. Presentation of Content

- i. 24 pt font or larger (Key point/outline format) (0-2) \_\_\_\_\_
- ii. Content clearly labeled (0-2) \_\_\_\_\_
- iii. Neatness (0-2) \_\_\_\_\_
- iv. Connected Graphic (0-2) \_\_\_\_\_
- v. Visually appealing (0-1) \_\_\_\_\_
- vi. Easy to follow (0-2) \_\_\_\_\_
- vii. Title/Name of Scientist (0-1) \_\_\_\_\_

b. Suitable Content

Pathway

- i. Identify 1 of the 5 Derry pathways (0-3) \_\_\_\_\_
- ii. Outline example of scientists' work that fits pathway (0-3) \_\_\_\_\_
- iii. Example and pathway match (i and ii above) (0-3) \_\_\_\_\_

Science (key points/outline format)

- iv. Before the discovery, what scientists knew on the topic (0-3) \_\_\_\_\_
- v. What was the scientific discovery/contribution (0-3) \_\_\_\_\_
- vi. Why was this is an improvement over previous knowledge? (0-3) \_\_\_\_\_

Comments (provide feedback to the presenter about weaknesses):

II. Oral presentation

a. Content - Explain poster more in depth:

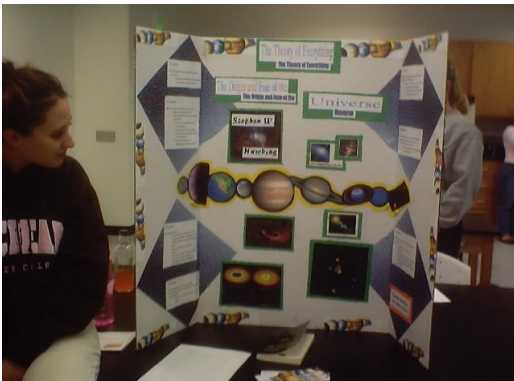
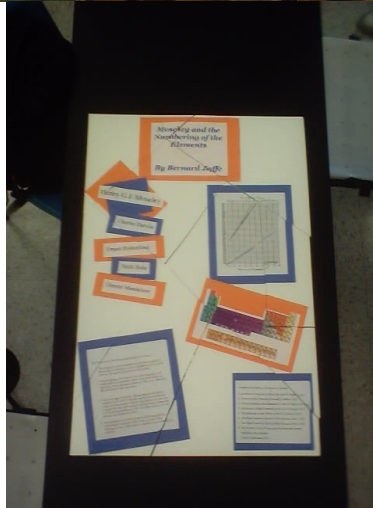
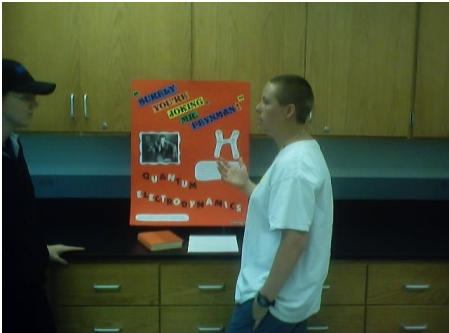
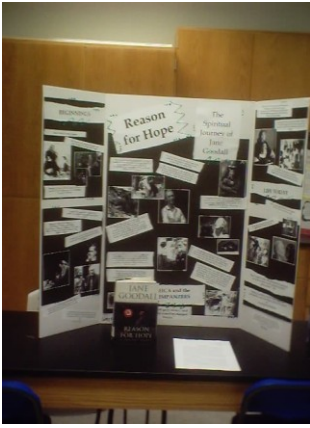
- i. Pathway followed by the scientist (0-3) \_\_\_\_\_
- ii. Does the pathway match the Derry pathway named? (0-1) \_\_\_\_\_
- iii. Science before discovery (0-2) \_\_\_\_\_
- iv. What was the contribution to science (0-3) \_\_\_\_\_
- v. Why this was an improvement (0-2) \_\_\_\_\_

b. Presentation

- i. Clear well organized presentation (0-3) \_\_\_\_\_
- ii. Consistent information presented (0-2) \_\_\_\_\_
- iii. Confidence/Poise/Presentation (0-2) \_\_\_\_\_
- iv. Answered questions knowledgeably (0-2) \_\_\_\_\_

**Total** \_\_\_\_\_

Comments:



**Student Final Evaluation Form**

NAME \_\_\_\_\_

**BOOK** \_\_\_\_\_ **Scientist:** \_\_\_\_\_

1. Three page (not including the Title page) review paper of the book. (4pts) \_\_\_\_\_
2. Paper mechanics (spelling, punctuation, grammar, etc.) (5pts) \_\_\_\_\_
2. A “discussion” on the “pathway” (see Derry) taken by the scientist(s). (5pts) \_\_\_\_\_
3. Background on the science (10pts) \_\_\_\_\_
4. Your opinion about the book, for example, on (4pts) \_\_\_\_\_  
    Readability of the text \_\_\_\_\_, Recommendation for others to read \_\_\_\_\_,  
    Usefulness in your own teaching \_\_\_\_\_, Appropriateness for SCI 465 \_\_\_\_\_
6. Posted book on enhance.edu by deadline (2pts) \_\_\_\_\_
7. Poster Reviews (50pts) \_\_\_\_\_
8. Critical poster reviews of at least 6 other students (20pts) \_\_\_\_\_