

PHYS 2063: Famous Scientist Extra Credit, Due Date: Before Final Exam

1. Requirements

- A. 2-3 pages, double spaced, maximum 12 point font, 1" margins
- B. Scientist of choice should be someone who contributed to physics in a way that relates to material we've covered this semester (Newton is not allowed!)
- C. If you have a scientist you would like to use, check with me to see if he/she is appropriate
- D. In order to receive full credit, you MUST address the following in your summary:
 - 1. A brief history of the scientist, discuss their background, how they became involved in physics, and what their major contributions were.
 - 2. Discuss the BASIC physics that is involved with your scientist's contributions, in particular any ideas that we have actually covered and discussed this semester. You must show that your basic understanding of physics allows you to explain why their contributions were important and in turn they are "famous."

Please do NOT go into the gory details of the difficult physics involved because it will likely not help you to understand anything. Keep the discussion at your level of understanding.

- 3. Conclude with a brief summary of what you learned by exploring this scientist's life and work, comment on how their discoveries might affect your everyday experience in the real world.
- 4. Include any and all references you used to write the summary. Note that Wikipedia is a good starting point, but you cannot use it as your only source. Go to the actual citations in the Wikipedia page and find the REAL sources! If it is clear that you simply copied a biography from another source you will receive no credit and may also be cited for plagiarism.

2. Bonus Points Available

- A. You can only earn the number of bonus points that would bring your TOTAL bonus points this semester to a maximum of 12. For some of you who have already accumulated close to 12 points, you may find that this assignment is not worth your time. The most any one person is allowed to receive from this assignment is 4 points, but for some of you it may be less if 4 points would put your total over 12.
- B. Just because you turn in the assignment does not mean you will receive the full 4 points. You must address the details listed above and you must NOT plagiarize from another source.