

How to make a scientific presentation (written and oral)

- Page format: 11 points, single-spaced, 1-inch top/bottom/left/right margin
- Each essay should include a list of references and cite them in the essay following the Harvard referencing style.
- Template for Written/Oral Presentations (from Dean Grosovsky's class wiki): Oral presentations for any particular topic should include the following information in Powerpoint/LaTeX format:
 - Title slide - the title of the topic, the name of the presenter(s) (1 slide, less than 1 minute).
 - The question you/your group decided to explore on a particular topic (1 slide, 1-2 minutes).
 - The rationale for why you/your group chose this particular question (1-2 slides, 1-2 minutes).
 - Sources that were identified and utilized to provide information and insight into the question (2-3 slides, 3-5 minutes).
 - Your findings and conclusions regarding the question (5-6 slides, 6-8 minutes)
 - Additional questions for further exploration that emerged from your research (2 slides, 2-3 minutes).
- A 15 minute presentation should contain 12-15 slides (including title and thank you slides). The number of slides and time spent on them is approximate, of course.
- A 3-page written essay should include the following information in loosely the following format:
 - Title, name(s) of student(s).
 - Abstract/Short Introduction – What is the problem you researched, why is it interesting and important? (1/2 a page).
 - Methods – summary of the algorithms/scientific methods/ mathematical concepts (1 page).
 - Summary of results/findings and discussion from your point of view. (1 page)
 - Conclusions – What was the essay about, what are your findings and conclusions, possible future directions for exploration (1/2 a page).
- Scale accordingly for the 5 page essay.
- Some links with useful tips:
 1. <http://archive.bio.ed.ac.uk/jdeacon/writing/essays.htm>
 2. http://www.instruction.greenriver.edu/mcvay/b100/general_format_for_writing_a_sci.htm
 3. <http://www.wikihow.com/Make-a-Scientific-or-Technical-Presentation> (this is a really good one!)