Grading Rubric for 575 Wiki presentations and pages

Total grade for the wiki project: **20% of final grade**

Breakdown: Page = 10%

Presentation = 10%

**Wiki Page**

**\*Post on the UMass 575 Wiki Page, BEFORE your presentation. (deadline is 10am on day of presentation).**

\*You must get an account to make a wiki page. Do this on openwetware.org ASAP.

\*To help you get started, you can look through the existing pages and copy their code. If you are logged in, go to a page you like, and click on the “edit” tab at the top of the page. This will show you all the code they used, which you could copy into your own page to help you get started.

\*To make a new page, check out the hints on openwetware.org. But, the easiest way to do this, is to go to the wiki pages page (<http://www.openwetware.org/wiki/590B_Wikis)>.

1. Go to a Chapter of the book where your page will fit best thematically.

2. Just to the right of the Chapter title, click “edit.”

3. Add a new line with your page and title (copy an existing one and replace it with your own title if you like).

4. Click save page to go back, and you should see your link there.

5. When you click on that new link you just created, you’ll see a blank page that you can now edit to make your own.

Grading is subjective, but your page should include the following elements. Many other elements can be covered and these are general ideas to get you started. Use the existing wiki pages as an additional guide.

1. References.
   1. PEER REVIEWED. (Wikipedia and most online resources do not count). Please come talk to me if you would like clarification on criteria for peer-reviewed literature.
   2. References must be in a “numbered” format. There is a link with examples on the 575 wikis page.
   3. You must have *at a minimum* 5 peer-reviewed references to support your page. Additional references are welcome. Also, non-peer-reviewed references are OK, in certain cases, particularly for images or movies that you would like to use and acknowledge in your page. These do not count within the 5-reference minimum.
2. Overall definition, history, motivation
   1. What is the human health motivation for driving the development of your device?
   2. Give a timeline for important historical moments important for the evolution of your device.
   3. Acknowledge the people and places key for its development.
3. Health issue it is tackling
   1. Give details for the human health problem(s) that are, or could be, improved with your device. Many wiki topics will affect more than one human health problem.
   2. What are the statistics and number of people likely affected by this/these problem(s)?
4. Any procedures involved and possible side effects
5. Pre-checked with TurnItIn.
   1. See <https://www.it.umass.edu/support/moodle/submit-a-turnitin-assignment-moodle> for help. It is critical, both ethically and for copyright concerns that the page you publish is your original contribution.
6. A descriptive Figure or Illustration.
   1. The best wiki pages include figures, illustrations (your own drawings are OK!), and/or videos.
   2. If including, make sure to start your page early, because integrating figures can be tricky in openwetware to make look professional.
   3. Make sure that the figures you include have a figure caption, are cited in the text near to where the figure exists, and are referenced.
7. Updating existing wikis
   1. Some students will have wikis that already exist on the website. These need to be updated either because the page needs improvements, or recent technologies have emerged and the page needs topical updates.
   2. Update the page with your own elements, including new research you find, new figures, better explanations, etc.
   3. There is a guide for updating existing wikis on the website.
   4. Outside of anything I specifically request you include on the page, I expect that you will add at least 50% new text/elements to the existing page.

**Presentation: 100 total possible points**

Overall quality of slides: 10 points

I look for simple, clean slides, that aren’t overloaded with text. If you have a lot of text, think about animating in the different bullet points so that someone doesn’t get lost in the text.

Another nice feature is to include high-resolution, quality figures. A figure can show the audience much more, and help them understand both your words and the included text.

How well did you introduce/motivate the human health problem you are tackling, review of literature: 20 points

Potential market for device: 10 points

Funding for device and its evolution: 10 points

Reasons for success or failure: 20 points

Conclusion slides: 10 points

Ability to answer questions by Prof. Peyton and classmates: 20 points