

Physics 199REL Assignment 2: Team Poster Project

You will be working in teams of 4 people. Teammates will be assigned.

This assignment is to make a poster that communicates the relevance of physics to nonscientists.

Choose a topic relevant to society where physics plays a significant role. Develop a poster in Power Point that explains the topic and the relevant physics. **You are encouraged to discuss the topic in advance with Prof. Pitts.**

Your poster will be 24"x36" (portrait or landscape). A template will be provided for you. You are welcome to use a different template, but your poster must contain the following information:

- Names of team members
- Class name (University of Illinois Physics 199REL)

There are several important aspects to this project:

- Selecting a topic that is of general interest but also contains important physics. On this point, I suggest that your topic not be too broad. (e.g. Choosing "Climate Change" as a topic is too broad.)
- Communicating the relevance and the science of the topic to a general audience. (good question to ask yourself: Will my parents understand this?)
- A visually appealing poster, which includes pictures and diagrams.

It is important to remember that this poster is for a general audience. If it's too complicated, no one will read it. Your job is not to impress me (or anyone else) with loads of technical detail. Your job is to explain how physics relates to your topic. Put careful consideration into the topic, research the topic thoroughly and think hard about how to explain it to nonscientists.

Make sure you include references and acknowledge all image sources.

Your poster should include:

1. Introduction: What is the topic?
2. Why is it relevant to a general audience?
3. What is the physics that is relevant to this topic?
4. Why is this physics relevant to this topic?
5. How can physics play a role in the future of this topic?

Timeline:

1. 16-Jan-12 teams assigned. Instructions available.
2. 23-Jan-12 templates available
3. 4-Feb-12 poster outline due (written description of topic, contents, format)
4. 11-Feb-12 electronic draft of poster due (ppt) 8am
5. 18-Feb-12 electronic version of poster due
6. 25-Feb-12 printed posters available
7. 27-Feb-12 poster presentation session

Teams:

1. William B and Matthew S.
2. Isaac C., Ryan O. and Roger W.
3. Kyle R. and Matthew Z.
4. Prathum S. and Adam S.