

Physics 199REL Assignment 4: Research Report

You and your teammates must produce a 5 minute presentation on an area of physics (or related field) research that is currently being undertaken at the University of Illinois.

You must perform research about this area of research. You must also interview a person involved in this research (faculty member, postdoc or graduate student). Your presentation should cover the following points:

- What is the area of research?
- What is the motivation for this research?
- How is the research carried out?
- How is it funded?
- What are the ultimate goals of this research?

This presentation should be at a level that your classmates can understand.

You are welcome to discuss your topic choice with Prof. Pitts. I can also help you set up an interview.

Presentations will be done in class on April 5. The presentations will be strictly timed, no more than 5 minutes in length.

Timeline:

1. March 29. Turn in research topic and interview time/date/person.
2. April 5. Presentation due.
3. April 5. In class presentations.

Teams:

1. Adam and Ryan
2. Kyle and Isaac
3. Matt S. and Roger
4. Matt Z., Prathum and William

Suggestions:

- The biggest challenge to this project is scheduling the interview. Figure out what you want to do your project on and then schedule an interview.
- Prepare for the interview. Learn a bit about the subject and think in advance about what questions you want to ask. If you go into the interview unprepared, it won't go well.
- For this assignment, your target audience is your classmates. When preparing the presentation to the class, think about the kinds of questions you might have about the subject.
- Item 1 on the timeline says you turn in your interview time/date/person on March 29. This does not mean the interview has to have been complete, it just needs to have been scheduled.