

Final Projects: Time to Get Rolling

1. Project proposal - due 11/15

Each group should submit a 2-page proposal for their research project. The proposal should include three sections:

- a. Introduction/Background** (1-2 paragraphs) Describe basic research question and the “gap” that you see in previous work. The gap does not have to be something completely novel (like our stroop experiment you can replicate an existing finding you think is interesting). However in the intro/background you are making the pitch on why it would be a good experiment.
- b. Design** (1-2 paragraphs) Describe the basics of your design. Details can be worked out later, but at a minimum address the following points: how will stimuli be displayed (computer? power point? pen and paper)? how will stimuli be selected? what conditions will there be? how will the conditions differ? is the design within-subjects or between-subjects? what will the dependent measure be? how will you score the dependent measure and enter it into R?
- c. Timeline and division of labor** (1 paragraph) Sketch a preliminary timeline for your project all data must be collected and analyzed by last full day of class when we will have a mini-conference to present our findings to the group. You need to budget at least 1 week for data analysis alone, so data collection must happen before this. That puts constraints on when/how you get the experiment design together. In addition, I would like to see how the division of labor is planned for the project. Who will be responsible for what. Details are good since they help make sure everyone fulfills their part of the project.

2. Complete an IRB application for your project (due Monday, 11/19)

Before conducting a research project, investigators are required to obtain approval from the University IRB (institutional review board).

- a. Read over the tutorial at <http://www.nyu.edu/ucaih/tutorial/> paying special attention to Chapters 1, 2, 3, 7, 9, 10, 11, 12, 13, 14. Be prepared for a short quiz about IRBs on Thursday assessing that you looked this material over!**
- b. Download the “Mock IRB” document posted on the website and (in your group) complete an application appropriate for your study design.**