

Group Project No. 2

Version 1, updated 28 April 2015

Due: Tuesday 19 May 2015

In groups selected by the student based on area of interest and assigned by the instructor, you will need to design, run, and present an experimental investigation of a semanto-pragmatic phenomenon covered in class. You must run at least seven (7) participants per group member (minimum twenty (20) participants) in less than four (4) weeks, therefore feasibility is paramount.

Great reference site for information in scientific presentation is available on the UNC Graduate School website <http://gradschool.unc.edu/academics/resources/postertips.html>.

1 Research Proposal

Email one copy of your research proposal per group **before 11:00AM on Thursday 7 May 2015**. Be sure to include all group members names on the document that you email.

1.1 Content

The research proposal needs to consist of an experiment write up with a detailed timeline, division of responsibilities, and the full instrument as appendices.

1.1.1 Division of Responsibilities

The division of responsibilities is a list of the tasks that must be completed and who will complete them. The division of responsibilities can be combined with the timeline in the appendices.

1.1.2 Timeline and Tasks

The timeline consists of a detailed breakdown of the tasks that you expect to have to complete in order to complete the assignment. This should be as detailed as possible and list a projected date for this to be completed (e.g. task 1: Send Prof. Serrano Madsen research proposal [7 May]; task 5: print out survey [10 May]).

1.1.3 Experiment Write-up

The experiment write-up will include the following information:

- a introduction to the phenomenon you are looking at explained so that a non-linguist can understand taking care to interleave examples
- you research questions and hypotheses as well as implications of possible results
- how many participants you will run, what language will be participants know, and where you will recruit them
- a details of the design covering the types of questions without listing all the stimuli, justification for the selection of types of stimuli, and step-by-step instructions that will allow anyone to replicate exactly what you are doing

1.1.4 Full Instrument

Include the full instrument you will use for your experiment as an appendix (e.g. a survey complete with questions, the pictures you will use). If you are running your experiment online, then include the text as the full instrument accompanied with screen shots.

1.2 Format

The proposal must be typed using 12 pt Times New Roman or 11 pt Arial font with 1" margins on 8.5x11 or A4 paper, double-spaced, one-sided and stapled. The proposal must also include the names of all group members, class, and the date.

If used (but not required), remember to use proper APA citation and cite all references. Please review format at the OWL at Purdue website for APA formatting. Please remember to cite everything that is not common knowledge. A rule of thumb is, if you ask a non-linguistics, non-philosophy major friend, and they do not know the answer to what you are saying, then you need to cite it. You may use no more than one direct quote per page, not to exceed two lines on the page. Everything else must be paraphrases. All quotations and paraphrases must be properly cited in the references page.

The proposal must be clearly written in the received American Academic English Style. This includes among other things: a strong and clearly stated thesis in every paragraph; supporting evidence in the form of citations and examples; and formality in writing style, register and word choice which means that it must not be in a conversational tone (this is not a creative writing assignment). The audience for the proposal is a non-linguist and must be appropriately pitched. Take care to explain key terms and concepts. It may be helpful to have a family member or friend read the proposal and ask them to highlight terms that are unclear to them.

1.3 Submission Deadlines

The proposal will need to be submitted only once due no later than 15:15 on Thursday 7 May 2015 via email in one of the following formats: .doc, .docx, .txt, .tex, .pdf, .rtf, .odt, .dot. As well as in class at 15:15 on Thursday 7 May 2015. No late proposals will be accepted.

2 Experiment

Each group will design an experiment and run the experiment on 7 participants per group member (minimum of 20 participants).

3 Analysis

The data collected should be tabulated in a spreadsheet which will need to be email to the professor no later than 15:15 Tuesday 19 May 2015. Only descriptive statistics are required, although analytic statistics are not discourage. Present results reporting means, standard deviations, and produce some graphic representation of the data (e.g. bar plots, pie charts).

4 Presentation

Work will be presented in the form of a speech on Tuesday 19 May 2015. The group is responsible for covering all material and each member must speak for at least 30 seconds. All groups have 6:00 minutes (± 30 seconds) to present. Pitch the presentation to a non-linguist while being professional (e.g. not reading, speaking clearly without fillers, making eye contact with the audience). The presentation should include appropriate examples. You should not use the handout or make reference to it while giving your speech. One should be able to close one's eyes and still be able to follow the talk. The presentation should contain at a minimum:

- Introduction & Background
- Motivation & Research Question
- Methodology
- Results
- Discussion & Conclusion

Follow the link for advice on presenting to non-scientists <http://www.meas.ncsu.edu/tips/improm.htm#nonsci>. Follow the link for giving a good scientific talk http://www.cgd.ucar.edu/cms/agu/scientific_talk.html.

5 Poster

The poster is exactly like what you did in elementary school for science fair, just in handout form and will be the only allowed visual during the presentation. Please print 25 copies for all members of the class.

The poster must include information on 1. Introduction & Background 2. Research Question 3. Methodology 4. Results, and 5. Discussion & Conclusion. You should also include copious examples and charts showing your results.

Review the links for presenting scientific information on a poster and template to use <http://colinpurrington.com/tips/poster-design>, http://www.waspacegrant.org/for_students/student_internships/wsgc_internships/posterdesign.html, and <http://www.ncsu.edu/project/posters/index.html>. Additional template are available http://www.makesigns.com/SciPosters_Templates.aspx.

6 Grading

You will be graded as a group. As group performance is what is evaluated, if a member of your group drops out or doesn't complete the work, your group must still present the information.

- Research Proposal: 25%
- Presentation: 50%
- Poster: 20%
- Data: 5