

## 36-303: Sampling, Surveys and Society

Presentations  
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## Handouts: 1 + 3

- These Lecture Notes
- All of the following are online:
  - Hill: Advice on Talks
  - Bem: Advice on Papers
  - HW04 – Due Fri Apr 4 in Class

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## Outline

- Upcoming Events
- Oral Presentations
  - Presentation Mechanics
- Paper Outline
  - Paper Mechanics
- Presentation Order (Apr 1, 6, 8)

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## Upcoming Events

- Next two weeks:
  - Tue, Mar 30: Steve Fienberg guest lecture
  - Thu Apr 1, Tue & Thu Apr 6 & 8: Group Progress Reports
- Thu Apr 1: HW04 due (on paper in class)
- Thu Apr 1: MoM registration deadline (register poster for stat competition) -- must register as a group, use me as advisor
- Thu Apr 8: Drafty draft final reports due (email 1 pdf or doc file per grp)
- Fri Apr 9: Special Midterm Review Session (TBA!)
- Tue Apr 13: Final Midterm Exam (in class; cumulative)
- Thu Apr 15: Carnival! Class Cancelled
- Tue Apr 20: Robert Kraut and Moira Burke – Surveying Facebook
- Thu Apr 22, Tue & Thu Apr 27, 29: Final Presentations
- Thu Apr 29: Final Papers due (email me 1 pdf or doc file)
- May 5: Meeting of the Minds (for those participating)

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## Oral Presentations

- Progress reports next week should include
  - Introduction: What's it about?
    - Research Question & Motivation
    - Questionnaire, or at least a couple sample questions from it
  - Body: Describe the work you have done so far
    - How sample was selected... Any advice for future 303 students?
    - How survey was set up and respondents contacted
    - Glitches? How did you fix 'em?
    - What is the nonresponse or refusal rate so far? How will you decrease it?
      - What are the distinguishing features of nonresponders/refusers?
    - Successes? Tell us.
  - Conclusion: Future work – what's left to do?
    - When will you / did you cut off data collection?
    - What post-processing and/or analyses will you perform? (nonresponse, poststratification, answering your research questions, etc.)
    - Anything else?
- Length and Presentation
  - Three teams per lecture (order on last slide of this talk)
  - 15 minutes per group
  - At least 2 "real" slides by each team member
  - 5 min or so Q&A after each presentation

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## Presentation Mechanics

- Bring your presentation as ppt or pdf on a usb memory stick
- Make sure it works on a Windows PC (sometimes graphics from Macs won't display in Windows)
- See handout on advice for talks
- See further information on talks under the "giving talks" link on course webpage.

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## Paper Outline

- Section 1: Introduction
  - Research Question and Motivation
  - Citations to literature on this topic
  - Quick summary of main results from Section 4
- Section 2: Methods
  - Target population, frame, sample design/methods, sample size
  - Number of respondents contacted, number of respondents, other nonresponse/refusal information
  - A few questions from your questionnaire (full questionnaire, contact letter(s), informed consent statement, etc, in appendices)
  - Post-survey processing
  - Other relevant information from the body of your progress report talk
- Section 3: Results (may or may not be longer than Section 2!)
  - Restate research question(s), show statistical analyses, discuss how they answer each research question (gory stat details in another appendix?)
- Section 4: Discussion
  - Overall discussion of research questions, how well survey answered them
  - Any surprising, or expected, results
  - Strengths and weaknesses of your survey; recommendations for future
  - Take-home message(s)
- List of References
- Appendices

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## Paper Mechanics

- Read carefully the handout by Bem on writing an empirical research paper.
  - Make your paper conform to his advice and examples ***as much as possible***
- I expect there to be holes in your “Drafty Draft” on Thu Apr 8.
  - Most of Sections 1 and 2 should be complete
  - The rest of the paper depends on work you haven't done yet, so there should be many holes.
  - For each hole, write a paragraph detailing what you plan to do to fill the hole (put the paragraph in bold or italic, or box it or something so I know it is “plans” and not part of the actual paper text).
- More information under “writing” link on course webpage

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## Order of Presentations Apr 1, 6 and 8

- Thu Apr 1:
  - **Group D:** Post-graduate plans of CMU Undergraduate Seniors
  - **Group F:** Knowledge and Utilization of CMU Safe Walk and Escort Services
  - **Group I:** Biking In Pittsburgh
- Tue Apr 6:
  - **Group H:** Study of Pizza Eating Habits of Carnegie Mellon Undergraduates
  - **Group B:** Dining Services Survey
  - **Group C:** Undergraduate Students' Satisfaction with the University Center Athletic Facilities
- Thu Apr 8:
  - **Group A:** Student Perceptions of Academic Integrity and Old Course-Materials Archives
  - **Group G:** Study of student's satisfaction with additional fees
  - **Group E:** Individual's characteristics and academic elements that promote innovations skills

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