

Preparing the Research Presentation Checklist

The topic outline is generated that includes most or all of the following content:

Introduction

- Statement of problem and its significance
- Summary of current scientific data that relates to the problem
- Statement of research question, objectives, or hypothesis

Methods

- Description of study design
- Description of sampling technique and sample
- Description of the measures (outcomes)
- Description of the instruments used to measure the outcomes
- Description of procedures used to collect data
- Description of the statistical methods used to analyze the data

Results

- Description of data set (response rates, subject enrollment, dropouts)
- Description of demographic data of subjects (if applicable)
- Description of study data

Discussion

- Problem is restated
- Conclusions are summarized
- Describe support for study's conclusions (literature review)
- Describe study's generalizability
- Describe study's limitations
- Accept or reject hypothesis (if applicable)
- Describe new research questions generated by study's results
- Make final recommendations based upon study's data

Topic outline answers the following questions:

- Introduction: Why did you do this project?
- Methods: How did you do this project?
- Results: What did you find?
- Discussion: What do the results mean?

Topic outline prioritization and review:

- Topics in topic outline are prioritized (A = Must say, B = Elaboration, C = Nice to know)
- Outline is reviewed with mentor