

## Research Proposal Outline

### Introduction

1. State the problem
2. Key background information and limitations of previous studies
3. Identification of gaps in knowledge
4. What your study may add (rationale for study)
5. Clearly state your study goals, objectives and hypotheses

### Method

1. State study design
2. Define study population and sample
3. Define study variables and measurement methods
4. Describe the procedure:
  - Intervention studies
    - Randomization
    - Allocation concealment
    - A priori assumptions
    - Validation of survey or other tools
    - Cite references for established methods
  - Non-Intervention studies
    - Describe database or qualitative information sources
    - Data/information extraction methods
    - Quality assessment
    - Agreement of coders/reviewers
5. Describe Analysis Plan
  - Relevant statistical tests
  - Qualitative coding and analysis
  - Rationale for choice of tests used
  - Justification of sample size and statistical power calculation
6. Dissemination Plan
  - How will results be communicated

### Resources

1. Research team
  - Biosketch, expertise
  - Roles and responsibilities
  - Identify collaborators
2. Facilities/Equipment/Supplies
  - Describe available space and access to office and specialized equipment and supplies provided for the research project

### Project Timeline

1. Describe major activities and associated timelines
2. Include Gantt chart depicting specific project activities and timeline

### Budget

1. Personnel/Services
2. Supplies
3. Equipment
4. Travel
5. Dissemination costs
6. Other sources of funding and amounts