Presentation on
Proposal Writing

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What is a research proposal?

- **A document with two major objectives:**
  - To analyze and synthesize the existing research about particular topic.
  - Describe the researcher's idea for a new study.
- **An art which the researcher wants to sell in the market.**
  - Buyer needs to take it from the gallery.
  - Suits to buyer's pocket.

Be Prepared for….

- **To make mistakes and to learn.**
- **To write and rewrite many times.**
- **To spend many hours looking for information.**
- **To have your writing criticized.**
- **To feel confuse and hopeless some times.**

When should the research proposal be written?

- **Preparation with the flying mind question "Why"?**

- **In the first few months of first year.**

- **A substantial amount of work has to be done *before* a proposal can be written**

- **Some departments assume that a research proposal will be written in first six months.**

- **Seek advice on your draft from supervisors and peers.**

Questions Before writing proposal

- **Do I have the clear research question?**
- **Have I read broadly and deeply in that area?**
- **Have I discussed the topic with peers?**
- **Have I enough time and fund to start?**
- **Do I feel support from faculty and friends?**

Questions before proposal writting

- **What do you want to do?**
- **Why do you want to do it?**
- **Why is it important?**
- **Who has done similar work?**
- **How are you going to do it?**
- **How long will it take?**

First step for Proposal

- **Subject?**
- **Topic?**
- **What I want to observe?**
- **How I will do this.?**
- **Concise and descriptive.?**
- **Reflects the proposal in one sentence.?**

Format of Proposal

1. Title

2. Statement of Problem- 1 page

3. Key Literature (5 to 6 only) whose methodology to be used in your work with research gap -1 page

4. Objectives(Maximum 5)- 1/2 pages

5. Research Questions- 1/2 page

6. Testable Hypotheses- 1/2 page

7. Sources of data- 1/2 page

8. Data collection plan-1/2 page

Format Contd------

9. Sampling strategy with study area map- 1 page

10. Key variables- 1/2 page

11. Methods and models to be used- 2 pages

12 Relevance of the study-1/2 page

13. Chapter Plan- 1/2 page

14. References- 1 Page

15. Research Matrix(in table form)- Each Objective-Res Questions- Methods-hypothesis-Name of Test- Likely outcome

Title of Research Proposal

- **Good**
  - **Concise title that gives reviewer a general sense of what you are investigating.**
  - For example:
    - **Does Kendu Leaf Price Need to Change?**
    - **Understanding the role anti-cell death protein**
    - **Trend and Pattern of Trade in India**

Rejection of Title

- **Reject**
  - **Too long and technical of a title will not gain the reviewer's attention or interest.**
  - **Too short and broad a title will make the reviewer too critical of grant.**
  - **Example:**
    - **Determining the mechanism of action of Bcl-2 family members in regulating apoptotic signaling complexes within the mitochondria leading to a cure in cancers.**

Objective

- **Objectives of Research**
  - **This is usually one paragraph or 3-4 sentences telling the reviewer everything they need to know about this research proposal.**
  - **This provides the opportunity to gain the reviewers interest and excitement about this proposal.**
  - **It should contain the background on why this research is important, hypothesis, and objectives.**
  - **Should state the innovation of this proposal.**
  - **Finally it should in a clear statement demonstrate why this project is significant and what impact it will have.**

Statement of Problem-issue

- **Background/ Statement of Problem**
  - **Good**
    - **Give the needed information to understand the objectives and approaches in this proposal.**
    - **Structure the background to go from broad information such as cancer kills Canadians to specific information such as my protein is increased in solid tumors.**
    - **Build up the background towards answering a specific question that is unknown.**

Rationale and Hypothesis

. **Hypothesis must be related to the objectives.**

- **Clearly state the hypothesis or number of hypotheses that will be addressed in the proposal.**

- **Give a rationale why this hypothesis is important to investigate.**

    – Reject

    - Avoid combining the two together. It could be confusing to the reviewer.
    - Too long of a hypothesis makes it hard to understand the aim of the research.

Research Questions

- **Each Objective must have several questions.**
- **Questions must be answerable.**
- **Questions must be specific.**
- **Questions must be related to objectives.**

Methodology

- **Sampling** techniques
- **Inclusion and exclusion criteria**
- **Measurement** instruments
- **Data collection** procedures
- Data analysis process
  - —Do contact statistician.

Sources of Data

- **Give source Name, title, Page, Table No**
- **Example- Economic Survey, Govt of Nepal, Chapter-8, table-8.1, Page-68**
- **Primary Data- detail methods of Collection**
  . **Example-**

Small Farmer-100

Medium Farmer-100

Large Farmer-100

Models

- **The proposed methods must be appropriate to the type of research work.**

- **Regression model with equation**

- **Specific model to Research**

- **Source of model to be specified.**

Variables

- Economic Variables-income, saving, expenditure, Land holding, Loan
- Social Variables-caste, religion, Age
- Health variables-IMR,MMR, DR,BR

Significance

- **Significance and Impact:**
  - **Last chance to impress the reviewer on the importance of what you are proposing.**
  - **Give a sense of future directions for this research.**
  - **Why is this proposal innovative?**
  - **Impact on the field and/or on the disease being studied should be stated.**

References

- 8-10 Recent References
- Alphabetically arranged
- Relevant to Research study
- Refereed journals

Important information for writing

- Always structure your work in advance.
- Know that you want to say before writing.
- Every sentence must contain one idea only.
- Each sentence must follow logically from the before: chain of ideas.
- Write in a way that is easy to read.
- Use simple language.
- Check spelling and grammar.
- Do not cut and paste from articles.

Thank You
Thanks