

# Research Methods for Public Health

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**Lecture 7-8**

**Prepared by Dr. Ibrahim AL-Jaafari**

# Writing Research Proposal

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- A research proposal is intended to convince others that you have a useful research project and that you have the competence and the work-plan to complete it.



# Writing Research Proposal

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Research proposal should contain all the key elements involved in the research process and include sufficient information for the readers to evaluate the proposed study

All research proposals must address the following questions:

What you plan to accomplish, why you want to do it and how you are going to do it.

# Writing Research Proposal

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- Components of a research proposal

1- Title -

2- Introduction

3- Literature review

4- Methodology

5- Plan - time frame and schedule of activities

6- Budget

7- Details of research team (signed CV)

# Writing Research Proposal

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- Title

The title of a research proposal should be **concise and descriptive**.

The title summarizes the main idea or ideas of your study. A good title contains the fewest possible words that describe the contents and/or purpose of your research paper.



# Writing Research Proposal

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- Introduction

The main purpose of the introduction is to provide the necessary background or context for the research problem.

It begins with a general statement of the problem area, with a focus on a specific research problem, to be followed by the rational or justification for the proposed study.

# Writing Research Proposal

- Introduction generally covers the following elements :-
  - 1- State the research problem
  - 2- Provide the objectives of the study
  - 3- Identify the rationale of the proposed study
  - 4- Briefly describe the major issues addressed by the research
  - 5- State the hypothesis of the study, if any.
  - 6- Be aware of the limitations

# Writing Research Proposal

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- *Objectives of the study*

Should be stated clearly

Should be clear and concise

Should be measurable and feasible



# Writing Research Proposal

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- The aim of the literature review is to provide a good background information on the research being proposed.
- It should be brief, and relevant to the research that will be conducted

# Writing Research Proposal

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- **Methodology**

**How you plan to solve your research problem ?**

**What are the types of your research study ?**

**1- Quantitative studies**

**2- Qualitative studies**

**3- Mix methods**

# Writing Research Proposal

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- Methodology consists of the following sections

1- Study design

2- Selection of research location

3- Subjects or participants

4- Sample size

5- Study instruments

6- Data collection and analysis

7- Ethical Consideration



# Writing Research Proposal

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- **Plan and time frame**

**Planning for the research proposal should include the time frame and activity schedule for the proposed research**



# Writing Research Proposal

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- **Budget**

It is essential to request for an adequate budget for your research study

- Provide a total yearly of the budget needed
- Give appropriate estimates of costs depending on the different areas, eg: travel and transportation, salaries, services, rentals, equipment, utilities, repairs, etc.



## References

### HOW TO WRITE A RESEARCH PROPOSAL

**Sherina Mohd Sidik** *MMed (Fam Med)*, Department of Community Health,  
University Putra Malaysia

*Sherina MS. How to write a research proposal? The Family Physician*  
*2005;13(3):30-32*

# Good Luck for All Students

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- Please do not hesitate to contact me if you have any questions.
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# سبحان الله وبحمده سبحان الله العظيم

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ذكر الله أعظم ما في الوجود ،، لعل الله يرحمنا بعلم تعلمناه في الحياة  
الدنيا

أستغفر الله