

Research proposal

Title

Titles should be comprehensive enough to indicate the nature of the proposed work, but also be brief

Abstract

The funder may use the abstract to make preliminary decisions

Effective summary states

- Problem addressed

- Identifies the solution

- Objectives and methods

- Outline funding requirements

- Applicant's expertise.

Introduction

- should proceed to introduce the subject to a stranger
- layman has to understand
- solution will advance the field
- significance of the problem(s)

Background

- 1) Make clear what the research problem is and exactly what has been accomplished;
- (2) to give evidence of your own competence in the field; and
- (3) to show why the previous work needs to be continued. The literature review should be selective and critical.

Discussions of work done by others should lead
clear impression of

- how you will be building upon
- what has already been done and
- how your work differs from theirs

Description of Proposed Research

Addressed not to laymen

Heart of the proposal

- (1) be **realistic** about what can be accomplished.
- (2) be **explicit** about any assumptions or **hypotheses** the research method rests upon.
- (3) be clear about the **focus** of the research.
- (4) be as detailed as possible about the **schedule** of the proposed work.
- (5) Be specific about the means of evaluating the data or the conclusions.
- (6) be certain that the **connection** between the research objectives and the research method is evident.
- (7) spell out preliminary work developing an analytical method or laying groundwork as Phase 1. At the end of that phase you will be able to report that you have accomplished something and are ready to undertake Phase 2.

Description of Relevant Institutional Resources:

- Resources available to the proposed project
- Why the sponsor should select this University
- Abundance of experts in related areas
- Facilities or instruments available to the project

List of References

- The main consideration is consistency

Personnel

- This section usually consists of two parts
- An explanation of the proposed personnel arrangements
- The biographical data sheets for each of the main contributors to the project

Budget

- The budget delineates the costs to be met by the funding source,
- Personnel
- Non-personnel
- Administrative, and overhead expenses.