



RESEARCH PROPOSAL PREPARATION

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PRESENTATION OUTLINE

- What is a **research proposal** and why is it **needed**?
- What are the **steps** in its preparation?
- What are its essential **elements/parts**?
- Which **guides** are best followed in its preparation?
- What are the **characteristics** of a **well-prepared** research proposal?
- What are some of the **pointers in developing the title and introduction**?

What is a RESEARCH PROPOSAL?

- **Written** plan for **scientific** study
 - Printed, digital documents
 - Rigorous method of study to establish causal relationships and reveal new information
- “**Sales pitch**” to get **approval**
 - Convince external parties
 - Bring out the best in the study

Why research proposal is NEEDED?

- Roadmap for scientific study
- For approval/funding
- Relationship between researcher and other parties
- Academic degree requirement

STEPS in the PREPARATION of Research Proposal

1. Have a clear grasp of the topic

- What do I want to do?
- Why do I want to do it?
- Why is it important?
- Who has done similar work?
- How am I going to do it?
- How long will it take me to do it?
- Is the topic aligned with funding agency's research agenda?

STEPS in the PREPARATION of Research Proposal

2. Formulate the research question

- Access to information
- Access to resources
- Theoretical background
- Value and necessity of research
- “Bigness” or “smallness” of the question
- External requirement
- Probability of completing the study
- Personal interest

STEPS in the PREPARATION of Research Proposal

3. Gather the relevant information

- Resources include
 - Library catalogues
 - Working papers
 - Journals
 - Bibliographies
 - Databases
 - Internet
- Information storage (computer, tablet, smart phone)

STEPS in the PREPARATION of Research Proposal

4. Design the methodology

- Ensure the rigorousness of
 - Sampling technique
 - Inclusion and exclusion criteria
 - Measurement instruments
 - Data collection procedures
 - Data analysis
 - Control set-up

STEPS in the PREPARATION of Research Proposal

5. Set the timeline and limitations

– Timeline

- Help systematize use of resources
- Can readily indicate lags and backlogs

– Limitations

- Circumscribe scope of study
- Remove misunderstanding/false expectation

STEPS in the PREPARATION of Research Proposal

6. Identify the funding source

- Prudent to make preliminary contact
- Find out the application requirements, rules and procedures
- Exclusive submission or not?
- Willing to share cost of research proposal?

STEPS in the PREP of Research Propo

Part *Seven*

*Writing the
Research Proposal*



7. Write the formal proposal

- Often, the biggest challenge
- Common essential elements
- Consult research institutions' websites for the structural and formatting tips
- Strictly comply

ESSENTIAL ELEMENTS/PARTS of a Research Proposal

- **Title Page**
- **Introduction**
- **Methodology**
- **Budget**
- **References**
- **Appendices**

ESSENTIAL ELEMENTS/PARTS of a Research Proposal

- **Title Page**

- **Identifies the**

- Title of proposal
 - Name of proponent(s)
 - Current position
 - Institutional affiliation

- **Gives the first impression**

ESSENTIAL ELEMENTS/PARTS of a Research Proposal

- **Introduction**

- Includes the

- Statement of the problem
 - Purpose of the study
 - Definitions
 - Significance of the study
 - Background of the study
 - Hypothesis or research question

- Sets the context of proposed project

ESSENTIAL ELEMENTS/PARTS of a Research Proposal

- **Methodology**

- **Includes the**

- Procedure for data collection and analysis
 - Research design
 - Timetable
 - Limitations and delimitations
 - Final product

- **Determines the extent of support**

ESSENTIAL ELEMENTS/PARTS of a Research Proposal

- **Budget**

- **Details the project cost**

- Materials
 - Equipment
 - Travel
 - Personnel

- **Expedites the appraisal if realistic**

ESSENTIAL ELEMENTS/PARTS of a Research Proposal

- **References**

- **Includes**

- Books
 - Journal articles
 - Internet sources

- **Format appropriate for your field**

ESSENTIAL ELEMENTS/PARTS of a Research Proposal

- **Appendices**

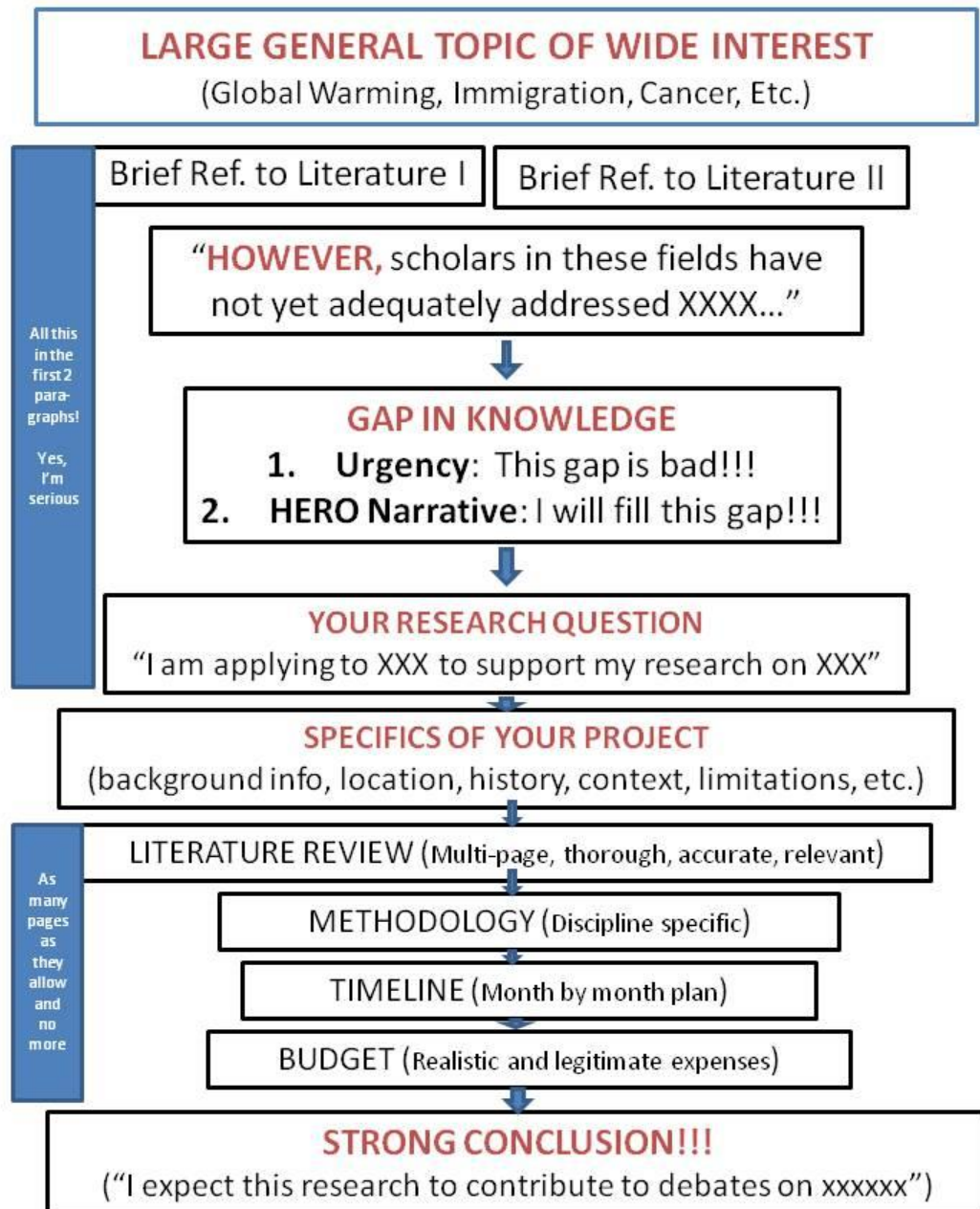
- **Include**

- Evaluation tools for information gathering
 - Information on cooperating agencies
 - Resume of proponent
 - Equipment quotations for budget items
 - Informed consent form
 - Reprint(s)

ESSENTIAL PARTS of a Research Proposal

- Title Page
- Introduction
- Methodology
- Budget
- References
- Appendices

"The Foolproof Research Proposal Template"



GUIDES and POINTERS **in Preparing a Research Proposal**

- Allow ample time for proposal preparation
- Start with a research proposal outline
- Make the proposal simple and straightforward

GUIDES and POINTERS

in Preparing a Research Proposal

- Be concise and coherent
- Be logical
- Do not use abbreviations or acronyms unless previously spelled out

GUIDES and POINTERS

in Preparing a Research Proposal

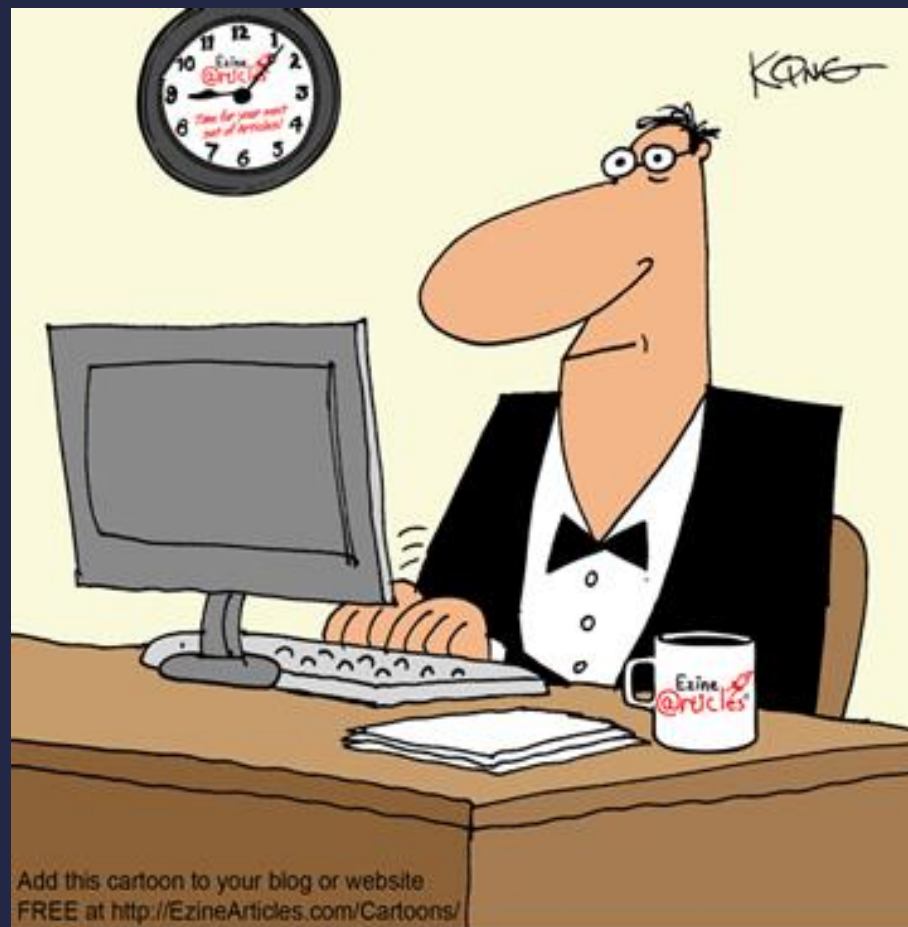
- Quote and cite references accurately
- Use standard fonts (Arial or Times Roman) and sizes (11-12 points)
- Write readably
- Check formats, spelling and grammar



*
THEY SAY I
LACK WRITING
SKILLS

5/8

© 2008 Jeff Stahler/ Dist. by NEA, Inc.



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*On the advice of his readers, Jeffery decided
to adopt a more formal writing style.*

GUIDES and POINTERS in Preparing a Research Proposal

- Revise, revise, revise
- End it
- Be prepared to
 - Make mistakes and learn
 - Spend hours looking for information
 - Have your proposal criticized
 - Feel confused and hopeless at times



STAGES OF WRITING: DON'T TRY THIS



CHARACTERISTICS of WELL-PREPARED Research Proposal

- It is clearly-written, coherent and comprehensible
- It is categorically scientific
- It is convincing
- It is achievable

DEVELOPING the TITLE and INTRODUCTION

TITLE

- **Descriptive**
 - Focus of investigation
 - Sentence with first words important
- **Concise and precise** (simple and straightforward)
 - Not more than 25 words
 - Words and syntax accurate
- **Contains keywords**
 - Indicate to readers the content

YOUR PROPOSAL TITLE

www.phdcomics.com
JORGE CHAM © 2006

the colon

Can't decide what to title your thesis? Use a colon!

a preposition

A good preposition tells your readers "hey, this is not just a futile exercise"

"Witty catch-phrase"

:

Length-enhanced superlative verbiage with prolixity

in/of/for

Obscure topic few people care about.

witty catchphrase

Makes people think you're hip and culturally relevant. Only marginally related to the actual thesis? No problem.

the boring stuff

Nothing says "academic rigor" like a long string of dry scientific-sounding terminology and fancy buzzwords.

obscure topic few people care about

Sad, but true.

GINGERS IN THE WILD:

**Exploring their Potentials As
Therapeutics for Chronic
Inflammation and Cancer**

Project Leader:	REGGIE YADAO DELA CRUZ, PhD
Field of Specialization:	Molecular Biology and Biotechnology/Genetics
Agency/Address:	CMU, Musuan, 8710 Bukidnon
Telephone/Fax/Email:	09177218749/0883561912/ reggiecmu@yahoo.com

ENERGY FROM THE DRAGON:

EXPLORING THE BIOETHANOL POTENTIAL, QUANTIFICATION
AND ECONOMIC ANALYSIS OF PERICARPS
OF ILOCOS GROWN DRAGON FRUIT
(*Hylocereus polyrhizus*)

GERONIMO C. CASTRO
Northwestern University



ABEL ILOKO:CREATING NEW PATTERNS USING A MATHEMATICAL FRAMEWORK



Lawrence A. Eclarin

Mariano Marcos State University
2906 Batac, Ilocos Norte
olens16@gmail.com

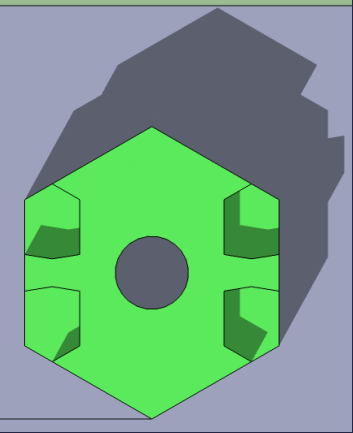
October 18, 2013

Quick-fix Rice Meal:

Maximizing the Use of
Brown Rice through
Product Development

FAIRIE ANNE P. ACEBEDO
MMSU-CIT, Laoag City





FISH

(Fish Innovative Sea House):

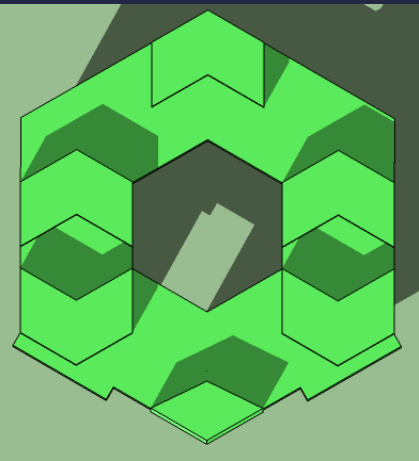
Prototype Artificial Coral Reef Design

Arch' t. Rafael J. Balicano, uap, mpa, ms arch.

Dr. Tarcela F. Detera

Mr. Modesto Dechavez

Engr. Eric E. Floresca, pice



❖ Sorsogon State College, Sorsogon City
Engineering- Architecture Department
❖ Rapu-Rapu Polymetallic Project
Rapu-Rapu Island, Province of Albay

Write or Wrong: Linguistic Analysis of Errors in Written English



Filmor J. Murillo, MDC
Faculty Member/Dept. Research Coordinator

Camarines Sur Polytechnic Colleges
Nabua, Camarines Sur



Getting to Know Air Potato: Germplasm Collection and Characterization



Ruby Lyn V. Gutierrez, PhD
Quirino State University
Diffun ,Quirino

Are we doing it right?

A strategic audit of income generating projects

KATRINE ANGELA A. TUCAY, M.B.A
INSTRUCTOR, COLLEGE OF BUSINESS & ECONOMICS
NUEVA VIZCAYA STATE UNIVERSITY

From Trash to Cash:

Spent Mushroom Substrate as alternative diet for small ruminants

**Rafael Luis F. Morillo
Nueva Vizcaya State University**



WALKING TO THE BEAT: RHYTHMICAL AUDITORY STIMULATION USING EARPHONES IN GAIT SPEED OF PARKINSON'S DISEASE PATIENTS

Joash Nathaniel S. Tan



Baits for Big Fish (BBF):

EVALUATING LOCALLY AVAILABLE LURES FOR COMMERCIALY VALUABLE FISH SPECIES

GRACE C. GUANZON
SHEENA A. NUNEZ
MEDEL R. SILVOSA

Institute of Fisheries and Food Technology
Davao del Norte State College
New Visayas, Panabo City



Sustainable Abaca Production, Utilization, and Livelihood (SAPUL)

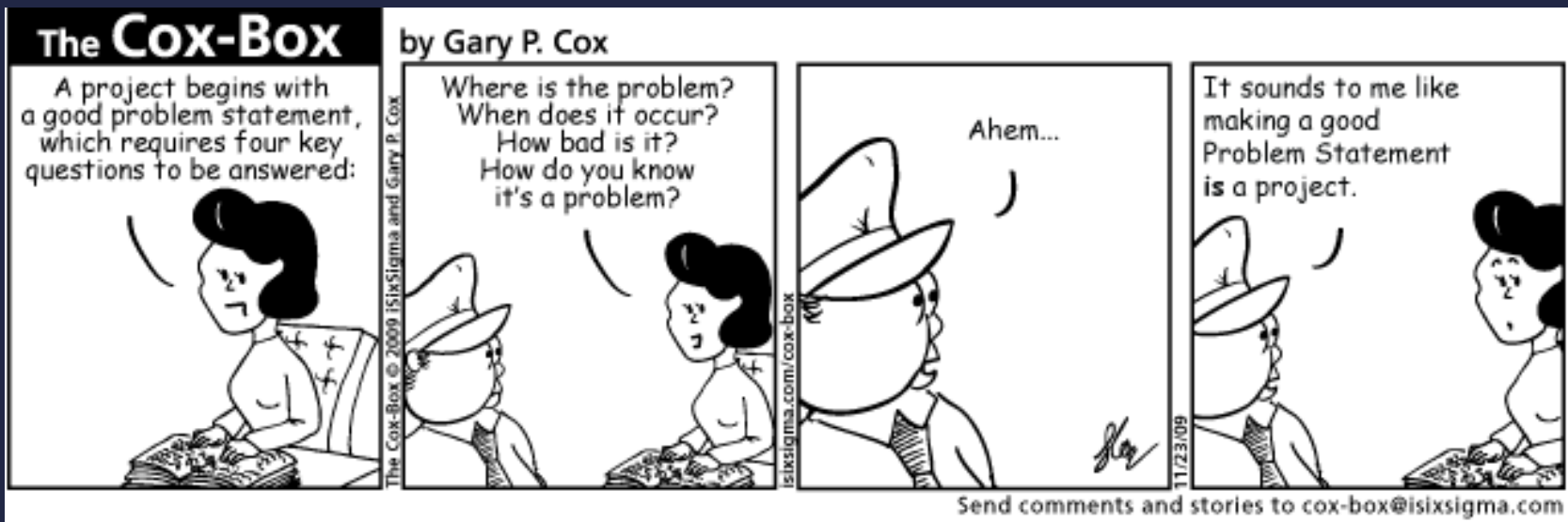
Zabdiel L. Zacarias
PhilFIDA



INTRODUCTION

(written in PRESENT TENSE)

- **Problem Statement**
 - One sentence with paragraph(s) to elaborate it
 - Clear, succinct and right on target



INTRODUCTION

- **Purpose of the Study**

Goal	Objective
Broad scope	Narrow scope
Long term	Short term
Generic action	Specific action
Non-measurable outcome	Measurable outcome

INTRODUCTION

- **Goals and Objectives of the Study**

Goal (Verb)	Objective (Verb)
Understand	Create, Decide, Recommend
Appreciate	Select, Identify, Classify
Develop	Design, Formulate, Modify
Acquire	Compare, Arrange, Divide

INTRODUCTION

- **Definitions**

- Give meanings to concepts/terms
- From authoritative sources
- Stated in complete sentence
- Present in alphabetical order

INTRODUCTION

- **Significance of the Study**

- Justification for the study

- Can ‘argue’ according to the following:

- Problem demands attention because findings could influence practice/policy
 - Methodology is unusual
 - Certain variables not given attention previously
 - Contribute to the body of knowledge
 - Outcome could be extension of theoretical model

INTRODUCTION

- **Background of the Study**

- Extensive and up-to-date literature review of the research topic
- Highlight any existing gaps, issues or contentions
- Show where your research fits and help the reader understand its significance
- Need not be lengthy but must be comprehensive

INTRODUCTION

- **Hypothesis or Research Question**
 - Testable explanations of what the proposed research seeks to prove empirically
 - **Hypothesis**
 - Declarative statement
 - Cause and effect of two or more variables
 - **Research Question**
 - Interrogative statement
 - Relationship between two or more variables

“Absence of track record is not a disqualifying characteristic”

“However, consistent failure to get accepted/publish often raises question marks”

Thank you!

**Let's have the
workshop on your title
and introduction!!**

**(after group picture-taking and
brief lunch)**