Grant-Writing 'Cheat Sheet'

many

pages as

they



The Foolproof Research Proposal Template

LARGE GENERAL TOPIC OF WIDE INTEREST

(Global Warming, Immigration, Cancer, Etc.)

Brief Ref. to Literature I

"HOWEVER, scholars in these fields have not yet adequately addressed XXXX..."

GAP IN KNOWLEDGE

- 1. Urgency: This gap is bad!!!
- 2. HERO Narrative: I will fill this gap!!!

YOUR RESEARCH QUESTION

"I am applying to XXX to support my research on XXX"

SPECIFICS OF YOUR PROJECT

(background info, location, history, context, limitations, etc.)

LITERATURE REVIEW (Multi-page, thorough, accurate, relevant)

METHODOLOGY (Discipline specific)

TIMELINE (Month by month plan)

BUDGET (Realistic and legitimate expenses)

STRONG CONCLUSION!!!

("I expect this research to contribute to debates on xxxxxx")

Source: Karen Kelsky, Ph.D., McNair Scholars Program, University of Oregon https://theprofessorisin.com/2011/07/05/dr-karens-foolproof-grant-template/

Proposals that Stand Above the Rest...

- ...Clearly connect the proposed project aims to sponsor objectives
- ... Are structured repetitively around a thread that loops throughout
- ... Are consistent All components contribute to a coherent story
- ... Are focused & feasible Not a 'fishing expedition' or mystery novel
- ...Own their value Confidently assert the importance of the anticipated contributions without overselling
- ...Present possible pitfalls and alternative solutions to build trust

...Have a(n):

Introduction that creates empathy, urgency for solving a clear problem

Literature Review that establishes a clear gap that is important to fill

Research Questions / Hypotheses that clearly address the established gap and explains how proposed work will extend preliminary work

Objectives that are **S**pecific, **M**easurable, **A**ttainable, **R**easonable, & **T**ime-bound

Procedures / Methods that leave no pragmatic question unaddressed and present a solid plan that demonstrates competency and credibility

Conclusions that demonstrate how anticipated contributions will address the urgent problem and advance sponsor objectives

...Makes it easy for the reviewer to become your champion:

Tells reviewers where to look for answers through headings and highlighted text that mirror review criteria

Assumes reviewers are too tired for complex language and jargon Follows the '20-minute Rule' - Hooks the reviewer within 1-page Does not let poor formatting, errors distract from good arguments Has a strong concluding paragraph - Tells the reviewer what to write in their review

Tips for Using Language Strategically

- Mirror the language used in the RFP and review criteria For example...
 - o "The SIGNIFICANCE of our results lies in..." o "The TEAM is WELL-QUALIFIED to undertake this
 - "This approach is FEASIBLE because..."
- project because..."
- o "The OUTCOME of this project will be..."
- o "This project will ADVANCE KNOWLEDGE by..."
- "This project is INNOVATIVE because..."
- o "The BROADER IMPACTS of this work are..."
- **Project Confidence with an Active and Affirmative Voice**
 - Who will be doing this impressive work? You!
 - NOT: "Spatial analysis will be conducted...";

INSTEAD: "The PIs will conduct spatial analysis..."

- Use an active, dynamic voice to engage the reader more effectively
 - NOT: "Research has been cited to demonstrate that an estimated...": INSTEAD: "Researchers estimate that..."
- Use affirmative language ("will," not "try")
 - NOT: "The proposed work will try to understand the complex relationships between..."; INSTEAD: "The proposed work will disentangle the complex relationships between..."
 - NOT: "We hope our findings will shed light on..."; INSTEAD: "Our findings will shed light on..."
- Use positive language, even when framing challenges of your position and/or institution
 - NOT: "I carry a heavy teaching load that leaves little time for research..."; INSTEAD: "The proposed budget will enable me to devote time during the academic year to advance this important work"
- Build on don't tear down the existing literature
 - NOT: "X field has largely ignored Y variable": INSTEAD: "We will extend field X by examining the contributions of Y variable"
- **Every word serves a purpose**
 - o Eliminate "Fluff" for example:

NOT: "are planned to"; INSTEAD: "will" ■ NOT: "will allow"; INSTEAD: "enable" • NOT: "the question of whether or not": INSTEAD: "whether" NOT: "It is our expectation that"; **INSTEAD:** "We expect" NOT: "are dependent upon"; INSTEAD: "depend on"

NOT: "all of the members of the Center"; INSTEAD: "all Center members"

NOT: "It has been shown that": INSTEAD: "Jones (2019) found X and Y"

- Avoid verbs that don't add meaning
 - e.g. "accomplished," "conducted," "facilitated," "implemented"
- Avoid lengthy introductions that only serve to take up space
 - e.g. "Indeed, it can be argued that...," "It is certainly worth noting, on the other hand, that..."
- Every adjective contributes Avoid meaningless descriptors and unfettered enthusiasm
 - e.g. "exciting," "a lot," "really," "very"
- Avoid 'feel good' platitudes
 - Don't assume reviewers share your values
 - NOT: "We must save key species from extinction"; INSTEAD: "X species plays a pivotal role in the sustainability of Y ecosystem"
 - Don't waste space using statements with which most are likely to agree
- Use precise language
 - Explain the "how" NOT: "I will measure outcomes."; INSTEAD: "I will measure X by Y metrics"
 - o Report comparisons (e.g. "more than," "better than," "improved") alongside their reference
 - o Use concrete verbs (e.g. "decrease," "increase") not fuzzy verbs (e.g. "change," "occur")
- Avoid Jargon Would you use it in conversation? If not, don't use it; Define technical terms
- Minimize Acronyms Aim for 3-4 acronyms; They can be difficult to follow even if they're commonly used