

Assessment 4: Written grant proposal - guidelines

Due date: 11:55 PM, Sunday 8th November

Weighting percentage: 25%

Word limit: 2500 words

Summary:

Grant proposal writing is an essential activity in research science. Learning the structure and language of effective grant writing is a key skill in attracting funding for your innovative idea. For this assessment, students will submit a written grant proposal for a piece of research that they are interested in conducting. This is based on your previous literature review already completed, where you have identified your research gap that was the basis of your funding pitch. You can seek permission from the convenor to apply for another innovative idea not based on your literature review but you are strongly encouraged to build on your previous work and knowledge from that review

A marking rubric is supplied on the unit Canvas site. Marks are allocated to assess the requirements detailed below.

The instructions and marking rubric may be unfamiliar at first but there will be a lecture and a workshop dedicated to the development of writing grant proposals (weeks 12). We will use this time to go through the instructions and marking rubric in detail. It is expected that students will use this opportunity to construct a framework for their grant proposal.

Content:

- Students need to submit a Project Description, as detailed below, with no more than 2500 words (~6 A4 pages). Your proposal must include the following sections:
 - PROJECT TITLE
 - PROPOSAL SUMMARY
 - AIMS AND BACKGROUND
 - SIGNIFICANCE AND INNOVATION
 - METHODS & MATERIALS
 - FEASIBILITY
 - BENEFIT
 - COMMUNICATION OF RESULTS
 - REFERENCES

PROJECT TITLE

- This title should not exceed 25 words.

PROPOSAL SUMMARY

- Provide a written Proposal summary of no more than 750 characters (approximately 100 words) focusing on the aims, significance and expected outcomes of this Project.

- Write your Proposal Summary simply, clearly and in plain English. The Proposal Summary is used to give the general community an understanding of your research, avoid the use of jargon and acronyms

AIMS AND BACKGROUND

- Briefly outline the aims and background of this Proposal.
- Include information about national/international progress in this field of research and its relationship to this Proposal.
- Refer only to publications or non-traditional equivalents (outputs) that are accessible to the national and international research communities.

SIGNIFICANCE AND INNOVATION

- Describe why the research is significant and how it addresses an important problem for the partners.
- Detail what new methods or technologies will be developed in the course of the Project that address a specific market opportunity.
- Describe how the anticipated outcomes will advance the knowledge base and/or address an important problem and/or provide an end-user and/or industry advantage and why the Proposal aims and concepts are novel and innovative.
- If relevant to the proposed Project, provide a business model for implementation.
- Describe how the Project might significantly enhance links with organisations outside the Australian publicly-funded research and higher education sectors.

METHODS AND MATERIALS

- Outline the design, methods and analyses and demonstrate that these are adequately developed, well integrated and appropriate to the aims of the Proposal. Include research plan and proposed timelines.

FEASIBILITY

- Explain how the design of this Project and requested budget will be sufficient to ensure this Project can be successfully completed within the proposed budget and timeframe.
- Describe whether there is an existing, or developing, supportive and high-quality environment for this research (where it will be conducted).
- Demonstrate that the necessary facilities are available to complete the proposed research.

BENEFIT

- Describe how the proposed research will benefit both the organisation conducting the research as well as broader society.
- Describe how the proposed research will maximise economic, commercial, environmental and/or social benefits to Australia.
- Demonstrate there are adequate strategies to encourage dissemination, commercialisation, if appropriate, and promotion of research outcomes.
- Demonstrate that, where relevant, there is the freedom to operate in the Intellectual Property and patent landscape to enable future benefits to end-users and/or industry.
- Describe how the Project represents value for money.

COMMUNICATION OF RESULTS

- Outline plans for communicating the research results to other researchers, relevant stakeholders of partner organisations, and the broader community, including but not limited to scholarly and public communication and dissemination.

REFERENCES

- Include a list of all references, including relevant references to the participants' previous work.
- References may be in 10 point font.

Submission:

You must submit your report in word or PDF format in the assignment dropbox in the Assignments module on the Science and Innovation Canvas site. Remember to press the submit button after you've uploaded your report.

Please note (as stated in the unit outline), you need to make sure you submit the report by 11:55 PM, 8th November or organize an extension to be granted PRIOR to the assignment due date. There are specific conditions under which extensions are granted, and you need to supply documentation when asking for an assignment extension.