

Professional Development

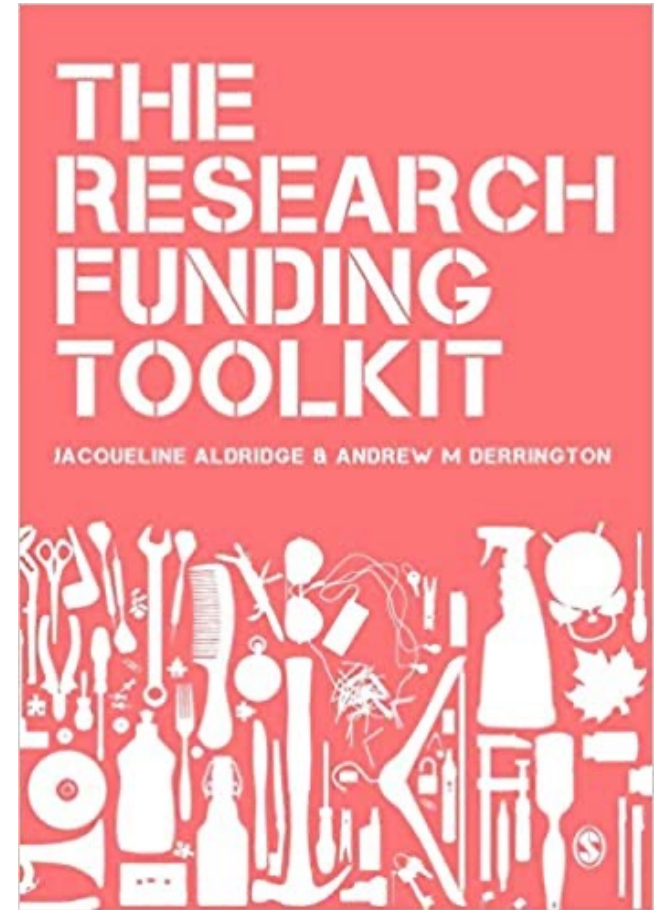
Write a Research Proposal

Week 4: Useful tips for Language and style

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Useful Reading

- Much of the material comes from chapter 10 of this book.
- Some excellent tips on “*how to write for funding agencies*”
- Read / scan chapter 10 of this book.
- Proposals need to be
 - Easy to read
 - Easy to understand
 - Convincing



The 6 “core” writing techniques

- Assert-justify:
 - Tell the readers the point, and then give detail
- Priming:
 - Give readers advance information so they accept the key arguments later
- Signposting:
 - Tell readers what information is coming.
- Linking:
 - How to create connected arguments across the document
- Labelling:
 - Demonstrate consistent and logical project structure
- Summary:
 - Create a strong, high-level, project summary
 - not needed for your proposal.

Assert-Justify

- This is a very useful technique in research proposals (see example 30, page 120)
- Opposite to traditional “argue-conclude” model used in papers.
- Advantage is that:
 - Speed-readers pick up the main messages very quickly
 - Detail-readers can read on.
 - Assertions can be lifted out and used in a high level summary (some proposals require a high-level summary)

Priming (we have a problem)

- Give reader evidence that will make them likely to agree with your proposal. This can seem subtle at first...
- **Success: Prime your important question(s):**
 - E.g. make the reader worried that there is an *important question* that needs answering before you state what the problem actually is (“we have a problem”)
 - How many people are affected?
 - How much money is lost because of something?
 - How is the environment affected?
 - *By providing evidence for why we need to know the answers you are priming the “this project is the solution”.*
- **Success: Prime your *research plan***
 - E.g. give evidence that points to a lack of understanding,
 - Or that there are inconsistencies that require investigation in a certain way.
- **Competence:**
 - tell the reader that the investigator has necessary skills to to deliver.

Priming (this project is the solution)

- You need to convince your referee that the project is good value. In funding proposals there will be a separate “resource” document, but it is important to recognise you cannot separate the two... you must prime the reader so they accept your resource requirement
- **Resources / Value:**
 - In the research plan mention what the requested resources are used for.
 - Try to weave in why. You don’t need to mention costs here.

Signposting

- More explicit than priming.
- Priming is giving information so reader makes up their mind - subtle.
- Signposting can be used to tell a reader what information is coming next:
 - E.g. in this section we...
 - ... we now move to explaining....
- Or to summarise information:
 - ...these experiments assess the importance of...

Linking

- The sections of the proposal should link together effectively.
- Straightforward linking:
 - This will be done in approach 2...
 - Approach 1 does address ...; in order to address ... we propose another study (approach 2)
 - The results of approach 1 informs the starting assumptions in approach 2.

Labelling

- Consistent labelling should be used throughout.
- A good way to do this is to label descriptions with “tag-phrases”. ‘
- Tag-phrases’ are also useful for key technical terms that may challenge non-specialists.
 - E.g. you can label different approaches with shorter tag-phrases and refer to them throughout.
 - You can ask questions in the ‘we have a problem’ section, give them tags, and then refer to the same tags in your research plan.
- This gives the impression of a well-planned project.

Main points

- Adopting the techniques below goes a long way to creating an 'easy to read' proposal
 - Assert-Justify
 - Linking
 - Labelling
- Further points:
 - Use adjectives sparingly (e.g. exciting; significant; profound) – focus on evidence instead.
 - Try not to overuse typography to emphasise text
 - Use bullet-points and numbered lists “Chunking”
 - Use short paragraphs – six lines maximum
 - Use short sentences – 20 words are too long
 - Use present tense “this project asks” instead of “this project is asking the following question”
 - Repetition is good.
- You should have a rough idea of what your research proposal will be about and may have thought about activities too. Discuss in groups where you will use:
 - Assert-justify
 - Labelling using tag-phrases
 - Priming, Linking, and signposting