

Unit A3 Goals

- Discuss and improve Module A paper
 - Exercise A2
 - Research paper organization
- Understand what to do with Exercise A3

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Why Research (paper)?

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Applications of “Research”

- Application: Internship, job application, graduate school
- Proposal: Sales, marriage
- House purchase

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Exercise A2

- Group discussion on your Module A Paper Draft 1
 - Good writing?
 - Problem clear?
 - Cost/significance clear?
 - List things you can improve

Keep notes so that you can use them for your Draft 2 due next class

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A Case for More Beer

Regular consumption of beer eliminates the weaker brain cells, constantly making the brain a faster and more efficient machine. A herd of buffalo can move only as fast as the slowest buffalo, and when the herd is hunted, it is the slowest and weakest ones at the back that are killed first. This natural selection is good for the herd as a whole, because the general speed and health of the whole group keeps improving by the regular culling of the weakest members. In much the same way the human brain can only operate as fast as the slowest brain cells. Excessive intake of alcohol, we all know, kills off brain cells, but naturally it attacks the slowest and weakest brain cells first.

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Group Exercise: Criticize this

A Case for More Beer (original)

A herd of buffalo can move only as fast as the slowest buffalo, and when the herd is hunted, it is the slowest and weakest ones at the back that are killed first. This natural selection is good for the herd as a whole, because the general speed and health of the whole group keeps improving by the regular culling of the weakest members.

In much the same way the human brain can only operate as fast as the slowest brain cells. Excessive intake of alcohol, we all know, kills off brain cells, but naturally it attacks the slowest and weakest brain cells first.

In this way, regular consumption of beer eliminates the weaker brain cells, constantly making the brain a faster and more efficient machine.

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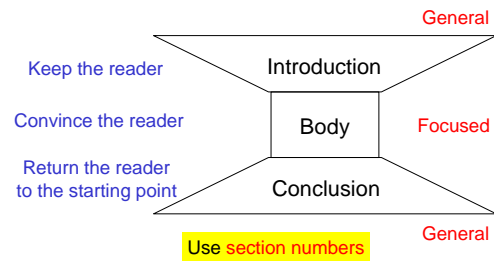
Research Paper

- Introduction
 - Background
 - Problem (including significance)
 - Response (brief overview)
- Body (detailed solution to the problem)
- Conclusion
 - Results
 - Significance
 - Future

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Research Paper Organization



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Section Organization

- Introduction
 - Attract the reader
 - Explain why you write the paper
 - Preview what you will say
- Body: Your argument not the focus in Module A
- Conclusion
 - Summarize your argument
 - Reassure why your paper is important
 - Explain what you can do next

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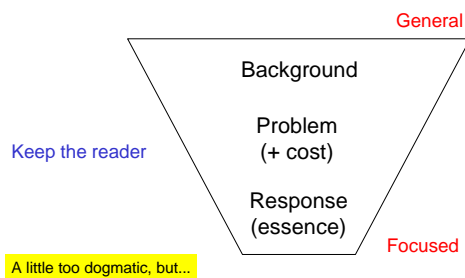
Introduction

- Attract the reader
- Explain why you write the paper
- Preview what you will say

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Organization of “Introduction”



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A Case for More Beer: Introduction

- Background Group Exercise
- Problem (+ cost)
- Response

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A Case for More Beer: Introduction

- Background
 - Everyone wants to be more intelligent.
 - Beer is an attractive drink to some people.
- Problem
 - **Problem:** Does regular consumption of beer make the brain more efficient?
 - **Cost:** We don't know if we should drink beer (to become smarter).
- Response
 - Apply a theory of “natural selection”

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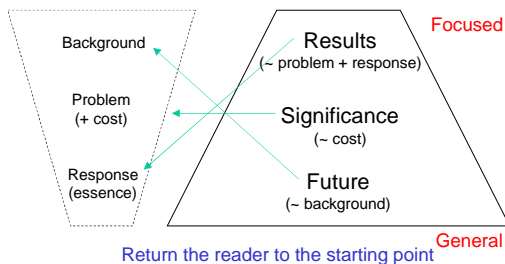
Conclusion

- Summarize your argument
- Reassure why your paper is important
- Explain what you can do next

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Organization of “Conclusion”



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A Case for More Beer: Conclusion

- Results
- Significance
- Future

Group Exercise

A herd of buffalo can move only as fast as the slowest buffalo, and when the herd is hunted, it is the slowest and weakest ones at the back that are killed first. This natural selection is good for the herd as a whole, because the general speed and health of the whole group keeps improving by the regular culling of the weakest members.

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A Case for More Beer: Conclusion

- Results
 - Drinking beer makes us more intelligence. [respond to the problem of the research question]
- Significance
 - You should drink more beer to get smarter.
- Future
 - Explore the connection between all sorts of fun stuff and intelligence

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A Case for More Beer: Body

- Argument
 - Technique: analogy between buffalos and brain cells

Module A

- Argument: not a focus
- Try to be creative.
- Still try to avoid invalid argument, though.

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Module Paper Organization

1. Introduction
 - Background
 - Problem (+ cost) 1 paragraph each
 - Response
2. <main section(s)>
3. Conclusion
 - Results (~ problem + response)
 - Significance (~ cost) 1 paragraph each
 - Future (~ background)

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Evaluation Form

- Performance Goal 2 Discuss how you would write
 - a. Identified a variety of problem
 - b. Identified the "cost" of each problem
- Performance Goal 5
 - a. Regularly expressed ideas in front of the class.
 - b. Expressed ideas in exercises.
 - c. The expressed ideas were your own.
 - d. Your ideas were clearly understood by other students.

Create the "supporting notes" file
Start writing (complete by Sep. 28)

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Unit Summary

- Research paper: Organization
- Evaluation: P2, 5
- Summary question
 - Have you already been introduced to this type of research paper style? If so, when/where?
 - Do you think that the suggested organization is effective? Why or why not?

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