



Organização: Pró-Reitoria de Pesquisa - USP



Workshop de Capacitação em Escrita Científica

Módulo 7

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USP, 2011

Módulo 1: O Gênero Literário

Seções de Um Artigo Científico

Módulo 2: Estrutura 1: *Abstract*

Módulo 3: Estrutura 2: *Introduction*

Módulo 4: Estrutura 3: *Results and Discussion, Conclusion*

Módulo 5: Estilo

Linguagem 1: Especificidade, Complexidade e Ambiguidade

Módulo 6: Linguagem 2: Redundâncias, Ação no Verbo, Fluidez de Texto, Ritmo de Escrita

Módulo 7: Linguagem 3: *Plain English*, Escrever em Inglês, Preposições

Módulo 8: Linguagem 4: *Topic Sentences, Cover Letters, Final Remarks*

Módulo 7

Linguagem 3:

Plain English, Escrever em Inglês, Preposições



Language III

Needlessly Complex phrases:

| Avoid | Use |
|--------------------------|-----------|
| Has the Operationability | Operate |
| The majority of | Most |
| In agreement | Agree |
| Due to the fact that | Because |
| Plays a key Role | Essential |
| In the course of | in |
| By means of | By |
| ?? | ?? |



Complex Words

Oooops: The word “work”

Preliminary

Careful

Obtained

Novel

Successfully

Are these words relevant in SW??

In Scientific Writing

Acid rain is a worldwide concern. Initially observed in Europe as a form of acidic rain, it has been also observed in the Americas.

Thus,
In this context,
So,

Go to:

<http://corpus.byu.edu/coca/>

**And check about the use of prepositions in
the following cases:**

VERBS FOLLOWED BY PREPOSITIONS

| | | |
|------------|--------------|-----------|
| account | decide | estimate |
| agree | decrease | exceed |
| allow | determine | fit |
| answer | develop | hinder |
| balance | differ | identify |
| change | disagree | originate |
| compare | discern | prepare |
| connect | discriminate | qualify |
| convert | distinguish | range |
| correlate | divide | |
| correspond | elaborate | |

WORDS FOLLOWED BY PREPOSITIONS

| | | | |
|-------------|--------------|-------------|-------------|
| abundance | control | enthusiasm | necessary |
| abundant | convenient | equality | necessity |
| affinity | correct | equivalent | need |
| akin | decrease | evidence | opportunity |
| applicable | deficient | familiar | parallel |
| appropriate | demand | focus | proficiency |
| available | dependent | fundamental | proficient |
| basis | difference | identical | search |
| capability | different | improvement | sufficient |
| capacity | disagreement | independent | suitable |
| cause | discussion | influence | suited |
| close | disparity | inherent | superiority |
| common | distinct | intended | test |
| concern | distinction | level | valuable |
| consistent | enhanced | method | variation |

Commonly Misused Words

Alteration or alternation?

Alternation: occurrence of two things by turns.
Alteration: change.

Cancer is associated with DNA *alteration* or *alternation*?

Common or popular?

Common: widespread

Popular: preferred.

Cancer is the most *common* cause of death in....

Cancer is the most *popular* cause of death in....

Soccer is a *popular* sport in Brazil

Soccer is a *common* sport in Brazil

To Describe or to report?

Cases are reported
Patients are described

Analysis or Analyses?

Analysis = Singular

Analyses = Plural

Thermal analyses were carried out using DSC

The infrared spectroscopic analysis was performed....

Reproductive or reproducible?

Reproductive: reproduction

Reproducible: can be repeated, reproduced.

Results were *reproducible* or *reproductive* in all three experiments.

Eminent, Immanent or Imminent ?

Eminent: Famous

Immanent: Inherent or intrinsic

Imminent: Ready to take place

An *eminent* peak....

A combination of *immanent* properties....

An *Imminent* event will happen soon....

Through, Thorough or Though?

Through: by means of

Thorough: careful

Though: however; nevertheless

- Calculations were made *through* computational simulations
- The substrates were *thoroughly* washed with pure water
- Calculations generally agreed with previous results, *though* at least one discrepancy appeared



Sources



Essentials of Writing Biomedical Research Papers by Mimi Zeiger,
Mcgraw-Hill Professional, 2nd Ed, 2000.

<http://www.infoplease.com/ipa/A0200807.html>



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Módulo 8

Linguagem 4:

Topic Sentences, Cover Letters, Final Remarks



Language IV

A topic sentence is the most important sentence in the paragraph and contains the topic and the message.

Supporting Material

M8P1 Nature Mat

Supporting Material

M8P2 IEEE Sig Proc

Supporting Material

M8P3 Nature



Final Remarks

The Paper is ready.

What happens now??

The cover letter is the document that introduces the manuscript to the editor.

A good cover letter makes clear the importance of the paper and the reasons it deserves to be published.



Interesting Examples



Scientific Writing, Easy When ou Know How, Peat, J., Elliot, E., Baur, L., Keena, V., BMJ Books, 2009

Essentials of Writing Biomedical Research Papers by Mimi Zeiger, Mcgraw-Hill Professional, 2nd Ed, 2000.

Science Research Writing for Non-Native Speakers of English, Hilary Glasman-Deal, Imperial College Press, 2009

<http://www.uottawa.ca/academic/arts/writcent/hypergrammar/partopic.html>



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