

Trends, Issues, and Resources in Medical Editing: A US Perspective

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Overview

- Introduction: Some Context
- The 2014 Council of Science Editors Annual Meeting: Selected Highlights
- Some Other Current Trends and Issues
- AuthorAID: A Meta-Resource
- Some AuthorAID and Other Resources for Editors and Authors
- Open Discussion



Introduction: Some Context

Some Context

- My current work
 - Professor at Texas A&M University (main field: communication of science and medicine)
 - Team member, AuthorAID
- My work in 1983–1985
 - Visiting professor at Beijing Medical University (now Peking University Health Science Center)
 - Editorial consultant, Chinese Medical Association
- I'm happy to be back!



The 2014 Council of Science Editors (CSE) Annual Meeting

Selected Highlights



The 2014 CSE Meeting

- 2–5 May 2014 in San Antonio, Texas
- Included
 - Plenary sessions
 - Concurrent sessions
 - Exhibits, including poster presentations
 - Awards luncheon
 - Receptions
- Main part preceded by short courses

Plenary Address by Howard Bauchner, MD, Editor-in Chief, *JAMA*



Selected Points from Dr. Bauchner

- AMA journals now all have *JAMA* in title (before: *Archives of Internal Medicine* etc)—helps in attracting articles and in marketing
- July 2013—all 10 journals redesigned
 - All look similar
 - New design helps in finding content
- Some abstracts of articles now can include a table

Points from Dr. Bauchner (cont)

- New article type: clinical evidence synopsis (2-page summary of meta-analysis, starting with a clinical question)
- Some journal-related communications
 - Weekly podcast by editor-in-chief
 - Videos featuring some authors
- July 2014—will begin having some online-only articles

Points from Dr. Bauchner (cont)

- An important current issue: data sharing
- Open access
 - Shift of cost from readers to authors
 - Is a pre-determined acceptance rate necessary?
- Journals: more change in the last 10 years than in the previous 100
- Question asked: current and future international involvement of *JAMA*

Selected Points from Concurrent Sessions



Article-Based (Continuous) Publication

- Trend: posting articles online as soon as they are copyedited and the pages are composed (rather than waiting for a journal issue to be complete)
- Some journals using content identifiers (CIDs) to aid in grouping similar articles
- Popular with authors
- Possible implications for metrics

Editorial Internships

- At some editorial offices of journals, institutes, book publishers, etc
- Perspectives of a former intern and two internship supervisors on benefits and challenges
- Advice on making an internship productive
- Resource distributed: article on hosting a biomedical communication intern

Continuous Operations in Emergencies

- Keeping a journal operating in case of an earthquake, tornado, flood, or such (or if a key team member becomes unavailable)
- Some advice
 - Keep file backups in various sites.
 - Have an emergency evacuation bag packed.
 - Give staff members contact cards.
 - Cross-train staff members.



Educational Strategies in Publication Ethics for Asian Authors

- Some highlights below of presentation by Jing Duan, PhD, *Acta Ecologica Sinica*
- Some factors contributing to problems
 - Lack of communication/education
 - Difficulty of writing in English
 - Lack of tradition of intellectual property
 - Pressures from evaluation system
 - Cultural pressure to get advanced degrees

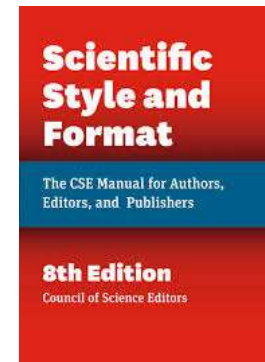


Points from Jing Duan (cont)

- Some ways to help solve the problems
 - Instructional materials on publication ethics—in Chinese, based on Chinese authors' needs
 - Clear, readable instructions for authors, including instructions relating to ethics
 - Reminders to authors (for example, in letters)
 - Chinese-language website on journal requirements
 - Building bridges (e.g., by visiting China)

Concurrent Session on Style Guides

- *Scientific Style and Format* (CSE style manual): 8th edition newly published—available in print and online
- *AMA Manual of Style*
 - Available in print and online
 - New edition expected in about 2016
 - Recent additions include quizzes (monthly), blog, tweets



Style-Guide Session (cont)

- Style guides of specific journals
 - Serve as supplements to general style manuals
 - Some types of content: topics not covered in general style manuals, items done specific ways by the journal, standardized author queries
 - Some advice:
 - Categorize material from the user's standpoint.
 - Have effective cross-references.
 - Make good use of examples (simple, clear, realistic, comprehensive).

CSE Award for Meritorious Achievement: Given to ORCID

- Open Researcher and Contributor ID
- A unique identification number for each researcher
- Used on papers, grant applications, etc
- Helps especially in distinguishing authors with the same name and identifying authors whose names have changed or are listed differently
- For information, please see orcid.org



Notes

- Summaries of each year's CSE annual-meeting sessions appear in the CSE magazine/journal, [Science Editor](#).
- Photos of the 2014 CSE annual meeting can be viewed on the CSE website.
- A priority of the new CSE president, Tim Cross: more CSE involvement beyond the United States and Canada



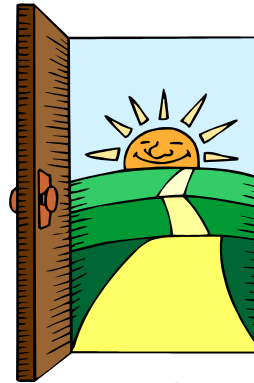
Some Other Current Trends and Issues

Revised ICMJE Authorship Criteria

- From the [International Committee of Medical Journal Editors](#)
- “Authorship requires:
 - Substantial contributions to: the conception or design of the work; or the acquisition, analysis, or interpretation of data for the work; AND
 - Drafting the work or revising it critically for important intellectual content; AND
 - Final approval of the version to be published; AND
 - Agreement to be accountable for all aspects of the work in ensuring that questions related to the accuracy or integrity of any part of the work are appropriately investigated and resolved.”

Open Access

- Full, free online access to material as soon as it is published
- Some issues
 - Economic model
 - Predatory publishers: collect author fees without publishing a quality journal (or without publishing a journal at all)
- Intermediate models—for example, initially giving only subscribers access



Development and Dissemination of Guidelines

- For content and structure of papers presenting specific types of biomedical research (examples: clinical trials, systematic reviews, qualitative research)
- Links provided via the [EQUATOR](#) (Enhancing the QUAlity and Transparency Of health Research) Network
- Sometimes checklists, flowcharts provided



AuthorAID: A Meta-Resource

AuthorAID (www.authoraid.info)

- A project of INASP (an international development charity)
- Started in 2007
- Main purpose: to help researchers in developing countries to write about and publish their work
- Resources also useful to authors and editors elsewhere



AuthorAID is a global network that provides support, mentoring, resources and training for researchers in developing countries

Registering is free and easy. Find out more about the benefits of AuthorAID

[Join now](#)

AuthorAID is coordinated by [INASP](#).



Rhoune's View

"Through the AuthorAID website, I met my mentor - a PhD student at the University of Michigan. She has been very dedicated in offering me guidance on how to improve my writing skills."

Rhoune Ochako, Kenya

The AuthorAID community includes over 8100 researchers from around the world. If you are looking for help, want to share your expertise or are searching for someone to work with, then the AuthorAID community can help!

[Find a researcher](#)

Latest News

- Tip of the Week #182**
Get the surgeon!
By Bernard Appiah | May 21, 2014
- Guest Post: To remain a researcher or not to remain a researcher, that is the question!**
From Dr. Haseeb Md. Irfanullah
By Barbara Gastel | May 18, 2014
- Resource of the Week #162: A Set of Slides in English and**

Featured Researchers

- Geoffrey Sikolia Serede**
Research interests: Social media, social network sites and youth, health communication, mass communication, communication ...
Looking for a mentor
- Sabra Nourudeen Aqil**
Research interests: role of calcium supplement

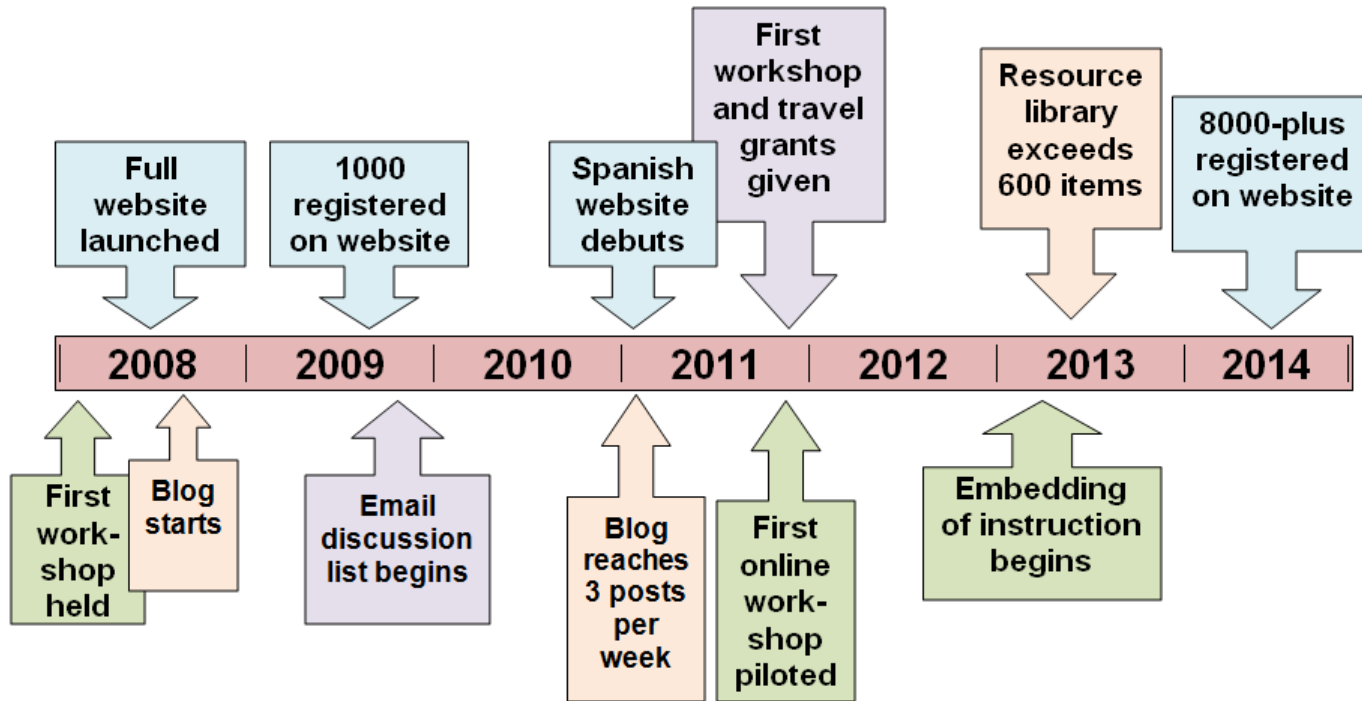
Upcoming Events

- Association of Commonwealth Universities Titular Fellowships**
April 9, 2014
The ACU Titular Fellowships (funded by the ACU's Development Fellowships Fund) aim to enable the universities of the Commonwealth ...
- British Council Researcher Links initiative - Call for workshop proposals**
April 28, 2014

Main Components of AuthorAID

- Mentoring and other collaboration
- Instruction: face-to-face and online
- Resources
 - Blog
 - [Email discussion list](#)
 - Workshop grants
 - Travel grants
 - Resource library

AUTHORAID



Ethiopia (2008)



Kenya (2008)



Nicaragua (2008)



Rwanda (2009)



Bangladesh (2009)



Sri Lanka (2010)



Tanzania (2010)



Nepal (2011)



Ghana (2011)



Pakistan (2012)



Kenya (2012)



Locally Led Workshop in Nepal (2011)



Locally Led Workshop in Zambia (2012)



Locally Led Workshop in Bangladesh (2013)



Lecture Attendees in Sri Lanka (2013)



Train the Trainer Workshop in Sri Lanka (2013)



AuthorAID Blog

- Three posts per week
 - Tip of the Week
 - Resource of the Week
 - Another post on research communication or a related topic
- Some posts have been translated into Chinese (see Resource Library); more are welcome
- Guest posts welcome; [guidelines](#) available

Registering for AuthorAID

- Optional, as most of the materials are accessible without registration
- Some advantages
 - Opportunity to seek mentors
 - Opportunity to seek mentees or collaborators
 - Option of receiving email notification when new items are added
- Might be worth recommending to authors

AuthorAID Resource Library

- Contains presentations, Web links, articles, etc
- Can search by keyword
- Can sort by
 - Topic
 - Medium
 - Language
- Includes more than 100 items translated into Chinese

Resource Library

Search:



Tips of the Week 151-175 (Chinese Translation)

By Barbara Gastel | April 3, 2014

Seventh set of 25 weekly tips of writing and publishing.



British Council - Science and Research

By Ravi Murugesan | March 31, 2014

This section of the British Council website is aimed at linking scientists globally and providing information for international researchers on jobs and funding in the UK.



Sample CV

By Barbara Gastel | March 29, 2014

Topic

- [Academic blogging](#) 1
- [Careers in scientific communication](#) 3
- [Data analysis and statistics](#) 15
- [Editing a journal](#) 15
- [Editing manuscripts](#) 21
- [Editing services](#) 3
- [Peer review](#) 35
- [Preparing oral presentations](#) 37
- [Preparing poster presentations](#) 34
- [Preparing tables and figures](#) 31
- [Publication ethics and etiquette](#) 72
- [Teaching scientific communication](#) 41
- [The publication process](#) 62
- [Writing books and book chapters](#) 9
- [Writing case reports and case studies](#) 7
- [Writing cvs and resumes](#) 25
- [Writing grant proposals](#) 65
- [Writing letters to the editor](#) 9
- [Writing materials for the public](#) 14
- [Writing process](#) 68
- [Writing review articles](#) 14
- [Writing scientific papers](#) 185
- [Writing style](#) 101



British Council - Science and Research

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Sample CV

By Barbara Gastel | March 29, 2014

From the Columbia University Center for Career Education.



NIH-Style Biosketch

By Barbara Gastel | March 29, 2014

Example of a type of curriculum vitae (CV).



The Compass

By Barbara Gastel | March 23, 2014

In its own words: "a repository of participatory learning, training and knowledge sharing methods"



Making Medical Writing Easy for the Beginners

By Barbara Gastel | March 15, 2014

[Preparing tables and figures](#) 31
[Publication ethics and etiquette](#) 72
[Teaching scientific communication](#) 41
[The publication process](#) 62
[Writing books and book chapters](#) 9
[Writing case reports and case studies](#) 7
[Writing cvs and resumes](#) 25
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[Writing materials for the public](#) 14
[Writing process](#) 68
[Writing review articles](#) 14
[Writing scientific papers](#) 185
[Writing style](#) 101
[Writing theses and dissertations](#) 9
[organizations](#) 4

Resource Type

[Articles](#) 29
[Books](#) 21
[Presentations](#) 325
[Published papers](#) 3
[Videos](#) 6
[Web links](#) 64

Language

[Arabic](#) 25
[Chinese](#) 121
[English](#) 426
[French](#) 14
[Persian](#) 1
[Portuguese](#) 9
[Spanish](#) 46
[Vietnamese](#) 10



Editing Your Own Papers and Proposals: How to Wow Reviewers and Aid Readers

By Barbara Gastel | Feb. 21, 2014

From the 2014 American Association for the Advancement of Science annual meeting.

Handout from career workshop by INASP Associate Barbara Gastel. Includes

- checklists for editing one's own scientific papers and grant proposals with regard to content, organization, and other aspects
- a list of common writing problems to avoid or remedy
- pointers for writing readably
- tips for making writing more concise
- suggestions for non-native users of English

Also includes a reference list.

Date	Feb. 21, 2014
Language	English
Topics	Editing manuscripts
Categories	News

Download resource files

 [Editing Your Own Work.pdf](#) 36 kB

Topic

[Academic blogging](#) 1
[Careers in scientific communication](#) 3
[Data analysis and statistics](#) 15
[Editing a journal](#) 15
[Editing manuscripts](#) 21
[Editing services](#) 3
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[Videos](#) 6

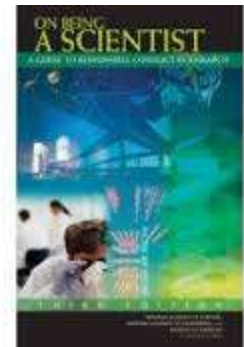
Some AuthorAID and Other Resources for Authors and Editors

Some Resources Developed for AuthorAID

- [Core Presentations on Research Communication](#): slides on writing journal articles, giving presentations, preparing proposals, and related topics
- [Writing and Publishing Journal Articles: Ways to Decrease Stress and Increase Success](#): slides from a 1-hour presentation for physicians
- [Annotated Journal Article](#): scientific paper with comments written on it on aspects of the writing

Some Resources on Ethics

- [On Being a Scientist: A Guide to Responsible Conduct in Research](#)
 - From the US National Academies
 - Includes material on publication ethics
 - Accompanied by a short video
- [Committee on Publication Ethics \(COPE\)](#)
 - Has [flowcharts](#) on dealing with suspected misconduct
 - Has [ethical guidelines for peer reviewers](#)



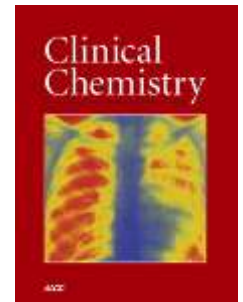
Some Resources on Ethics (cont)

- [CSE's White Paper on Promoting Integrity in Scientific Journal Publications, 2012 Update](#)



More Resources for Authors

- [Writing the Scientific Abstract](#): presentation by editor Susan Aiello, DVM
- [Writing Scientific Papers in English: Tips and Resources](#): one-hour presentation
- [Clinical Chemistry Guide to Scientific Writing](#)
 - series of journal articles
 - Include Chinese translations
- [EASE Guidelines for Authors and Translators of Scientific Articles to Be Published in English](#)
 - From the European Association of Science Editors
 - Available in Chinese



More Resources for Authors (cont)

- [Editing Your Own Papers and Proposals: How to Wow Reviewers and Aid Readers](#): presentation from the 2014 American Association for the Advancement of Science annual meeting



Some Resources for Writing and Editing in English

- Two old favorites
 - [*The Elements of Style*](#), by Strunk and White
 - [*Editing and Publication: A Training Manual*](#), by Ian Montagnes
- [OneLook Dictionary Search](#): website for looking up English-language words in multiple dictionaries
- [Academic Phrasebank](#): collection of many phrases useful in writing about research
- [Grammar Girl](#): guidance on grammar, punctuation, word choice, etc

OneLook

Dictionary Search

Word, phrase, or pattern:

Example searches

bluebird	Find definitions of <i>bluebird</i>
blue*	Find words and phrases that start with <i>blue</i>
*bird	Find words and phrases that end with <i>bird</i>
bl????rd	Find words that start with <i>bl</i> , end with <i>rd</i> , with 4 letters in between
bl* snow	Find words that start with <i>bland</i> have a meaning related to <i>snow</i>
bl*:adjective	Find any adjectives that start with <i>bl</i>
* snow or .snow	Find any words related to <i>snow</i>
*winter sport	Find words related to the concept <i>winter sport</i>
winter	Find phrases that contain the word <i>winter</i>
expand.nasa	Find phrases that spell out <i>n.a.s.a.</i>

Advanced help with [wildcards](#) and the [reverse dictionary](#) is available.

19,633,003 words in 1061 dictionaries indexed — [Today's word](#) is [octet](#)

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OneLook Dictionary Search



Word, phrase, or pattern:

Jump to: [General](#), [Art](#), [Business](#), [Computing](#), [Medicine](#), [Miscellaneous](#), [Religion](#), [Science](#), [Slang](#), [Sports](#), [Tech](#), [Phrases](#)

We found 43 dictionaries with English definitions that include the word **editor**.
Click on the first link on a line below to go directly to a page where "editor" is defined.


➔ **General** (28 matching dictionaries)

1. [editor](#): Oxford Dictionaries [[home](#), [info](#)]
2. [editor](#): American Heritage Dictionary of the English Language [[home](#), [info](#)]
3. [editor](#): Collins English Dictionary [[home](#), [info](#)]
4. [editor](#): Vocabulary.com [[home](#), [info](#)]
5. [editor](#): Macmillan Dictionary [[home](#), [info](#)]
6. [editor](#): Merriam-Webster's Online Dictionary, 11th Edition [[home](#), [info](#)]
7. [Editor](#), [Editor](#), [editor](#): Wordnik [[home](#), [info](#)]
8. [editor](#): Cambridge Advanced Learner's Dictionary [[home](#), [info](#)]
9. [Editor](#): Wiktionary [[home](#), [info](#)]
10. [editor](#): Webster's New World College Dictionary, 4th Ed. [[home](#), [info](#)]
11. [editor](#): The Wordsmyth English Dictionary-Thesaurus [[home](#), [info](#)]
12. [editor](#): Infoplease Dictionary [[home](#), [info](#)]
13. [Editor](#), [editor](#): Dictionary.com [[home](#), [info](#)]
14. [editor](#): UltraLingua English Dictionary [[home](#), [info](#)]
15. [editor](#): Cambridge Dictionary of American English [[home](#), [info](#)]
16. [Editor \(band\)](#), [Editor \(disambiguation\)](#), [Editor \(software\)](#), [Editor](#), [The Editor \(Doctor Who\)](#), [The Editor](#): Wikipedia, the Free Encyclopedia [[home](#), [info](#)]
17. [Editor](#): Online Plain Text English Dictionary [[home](#), [info](#)]
18. [editor](#): Webster's Revised Unabridged, 1913 Edition [[home](#), [info](#)]
19. [editor](#): Rhymezone [[home](#), [info](#)]
20. [Editor](#): AllWords.com Multi-Lingual Dictionary [[home](#), [info](#)]
21. [editor](#): Webster's 1828 Dictionary [[home](#), [info](#)]
22. [editor](#): Free Dictionary [[home](#), [info](#)]
23. [editor](#): Mnemonic Dictionary [[home](#), [info](#)]
24. [editor](#): WordNet 1.7 Vocabulary Helper [[home](#), [info](#)]
25. [editor](#): LookWAYup Translating Dictionary/Thesaurus [[home](#), [info](#)]
26. [editor](#): Dictionary/thesaurus [[home](#), [info](#)]

 Quick definitions from Macmillan ([editor](#)) 

NOUN

- someone whose job is to be in charge of a newspaper or magazine [more...](#)
- someone whose job is to be in charge of a particular section of a newspaper, magazine, or news organization [more...](#)
- someone whose job is to edit books, documents, or movies [more...](#)
- someone who produces a book by choosing, arranging, and explaining things that other people have written [more...](#)
- someone whose job is to produce books for a publisher by finding writers and working with them [more...](#)
- a computer program used for writing or editing documents, files, or programs [more...](#)

Provided by 

Quick definitions from WordNet ([editor](#))

- ▶ **noun**: a person responsible for the editorial aspects of publication; the person who determines the final content of a text (especially of a newspaper or magazine)
- ▶ **noun**: (computer science) a program designed to perform such editorial functions as rearrangement or modification or deletion of data

Academic Phrasebank

Click on the following:

Major Sections

[Introducing work](#)

[Reviewing literature](#)

[Describing methods](#)

[Reporting results](#)

[Discussing findings](#)

[Writing conclusions](#)

General Functions

[Being critical](#)

[Classifying and listing](#)

[Compare and contrast](#)

[Defining terms](#)

[Explaining causality](#)

[Expressing caution](#)

[Describing trends](#)

[Describing quantities](#)

[Giving examples](#)

[Writing about the past](#)

[Preview and transition](#)

[phrasebank.pdf](#)

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The Academic Phrasebank is a general resource for academic writers. It aims to provide you with examples of some of the phraseological 'nuts and bolts' of writing organised according to the main sections of a research paper or dissertation (see the top menu on the left). Other phrases are listed under the more general communicative functions of academic writing (see the bottom menu on the left). The resource should be particularly useful for writers who need to report their research work.

The phrases, and the headings under which they are listed, can be used simply to assist you in thinking about the content and organisation of your own writing, or the phrases can be incorporated into your writing where this is appropriate. In most cases, a certain amount of creativity and adaptation will be necessary when a phrase is used.

The items in the Academic Phrasebank are mostly content neutral and generic in nature; in using them, therefore, you are not stealing other people's ideas and this does not constitute plagiarism. For some of the entries, specific content words have been included for illustrative purposes, and these should be substituted when the phrases are used.

The resource was designed primarily for academic and scientific writers who are non-native speakers of English. However, native speaker writers may still find much of the material helpful. In fact, recent data suggest that the majority of users are native speakers of English. More about [Academic Phrasebank](#).

An enhanced PDF version of Academic Phrasebank is now available for download by clicking here: 

X provided the largest set of significant clusters of
It is interesting to note that in all seven cases of this study....
There was only limited evidence for an increased risk of...

Unexpected outcome


Surprisingly, X was found to
Surprisingly, no differences were found in
One unanticipated finding was that
It is somewhat surprising that no X was noted in this condition
What is surprising is that
Contrary to expectations, this study did not find a significant difference between
This finding was unexpected and suggests that
However, the observed difference between X and Y in this study was not significant.
However, the ANOVA (one way) showed that these results were not statistically significant.

Reference to previous research (support)


The results of this study will now be compared to the findings of previous work.
This study produced results which corroborate the findings of a great deal of the previous work in this field.
The findings of the current study are consistent with those of Smith and Jones (2001) who found
These results are consistent with those of other studies and suggest that
This finding supports previous research into this brain area which links X and Y.
This study confirms that X is associated with
This finding corroborates the ideas of Smith and Jones (2008), who suggested that
This finding is in agreement with Smith's (1999) findings which showed
It is encouraging to compare this figure with that found by Jones (1993) who found that
There are similarities between the attitudes expressed by X in this study and those described by (Smith, 1987, 1995) and Jones (1986)
These findings further support the idea of

Grammar Girl


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How to Kick Your Annoying Preposition Habit




Capitulate Versus Recaptulate




ESL: How to Teach English



Matriculate



Punctuation with Trademark Symbols



Commas: Oxford, Appositive, Nonrestrictive

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Thank You!

