

# Practical use of corpora and concordancers in teaching rhetorical functions



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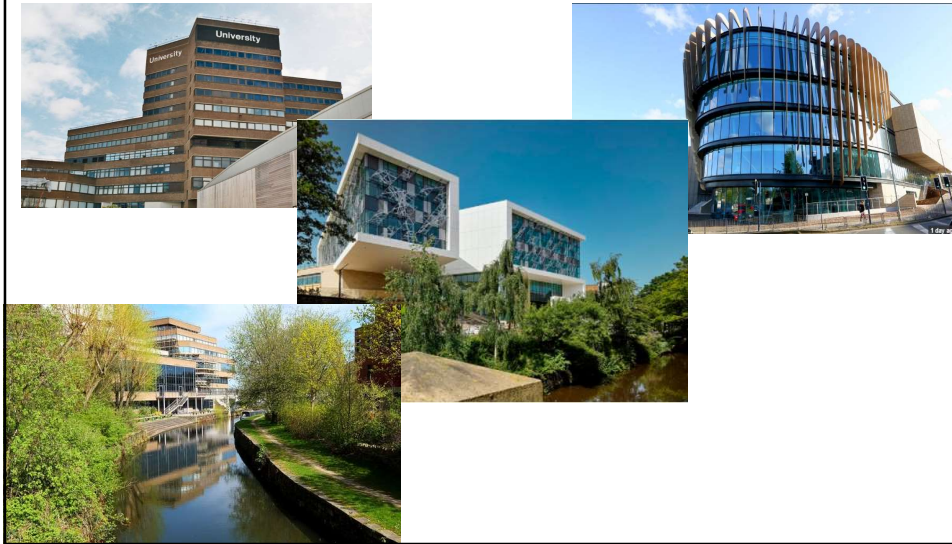
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I am from Huddersfield, West Yorkshire in England



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I teach EAP to international PhD students at the University of Huddersfield



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I teach mix-discipline groups, mostly international students

My courses and workshops are short (2-4 sessions) not compulsory or credit-bearing:

- Academic Writing Style
- Avoiding Plagiarism
- Summarising and Paraphrasing
- Critical Writing and Argumentation
- Writing Literature Reviews
- Writing Abstracts
- Use of Tenses and Passive Voice in Academic Writing
- Describing Visual Data
- Writing about Methods and Methodology
- Writing Results, Discussion and Conclusions Sections
- **Improve Your Academic Writing with Corpora and Concordancers - Beginners (2 sessions)**
- **Improve Your Academic Writing with Corpora and Concordancers - Advanced (2 sessions)**

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Corpus consultations have a role in  
“stimulating enquiry and speculation on  
the part of the learner, and helping the  
learner also to develop the ability to see  
patterning in the target language and to  
form generalizations to account for that  
patterning”

(Johns, 1991).

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‘One criticism aimed at DDL is that it ignores the  
“big themes” of language’ (Boulton 2007: 1)

‘Language points that seem to be the topic of  
DDL materials ... tend to deal with the minute  
details of phraseology of particular words, and  
may be difficult to reconcile with the ‘big themes’  
of language teaching’ (Hunston, 2002: 184).

The challenge of connecting surface forms with  
discursive meaning in teaching (Ädel 2010: 49)

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## Rhetorical functions: some previous research

Two collections, *Discourse on the Move: Using corpus analysis to describe discourse structure* (Biber, Connor & Upton 2007) and *Academic writing: At the interface of corpus and discourse* (Charles, Pecorari & Hunston 2009), are dedicated to using corpora in the analysing and teaching of academic discourse.

Discipline-specific rhetorical moves are discussed by Anthony (1999),

Flowerdew (2003) Problem–Solution rhetorical pattern in professional and students' writing

The use of a corpus to enhance 'rhetorical consciousness-raising' was described by Lee and Swales (2006: 58).

Charles (2007), rhetorical features, particularly concession strategies where writers anticipate and minimize potential criticisms

Flowerdew (2009) advocated using a corpus in teaching rhetorical elements of academic writing,

Marco (2010) conducted an analysis of rhetorical items in a learner corpus of technical writing.

Charles (2011) looked at lexico-grammatical patterns 'as realisations of the specific rhetorical function' (2011: 28)

Boulton, Carter-Thomas & Jolivet(2012) 'A criticism often levelled at corpus analysis is that while it is an extremely powerful approach for 'low-level' phenomena such as lexical and grammatical items, it is ill-adapted to 'higher level' considerations of discourse organisation, argumentation, and genre' (2012: 3)

Poole (2016) used a corpus-assisted approach in teaching rhetoric in undergraduate composition

Crosthwaite, et al (2019) 'We also see the need to move beyond corpus activities that focus solely on 'low-level' phenomena involving grammar and lexis, with corpora that facilitate analysis of 'higher-level' phenomena at the discourse or genre level' (2019:21).

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'The question remains: is DDL appropriate for the big themes of language learning?'

'DDL should not be sidelined from the big themes, but nor should it be implemented wholesale; rather, it may best be considered **an additional learning technique** appropriate for some learners in some contexts'.

(Boulton 2007: 5, 8)

One of the barriers to using corpus consultations in everyday teaching practice is the fact that '**many DDL activities require considerable preparation time, and ready-made teaching materials are few and far between**' (Vyatkina & Boulton 2017: 2, see also Karpenko-Seccombe 2018).

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# Corpus tools

All of these tools are  
free,  
open,  
easily accessible  
and user-friendly.

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Please go to [www.menti.com](http://www.menti.com) and use the code **5096 9904**

Go to [www.menti.com](http://www.menti.com) and use the code 5096 9904

Do you have any experience of using one or more of these tools?



0
0
0  
 Lex Tutor concordancer    BNC-English corpora    MICUSP

Voting is closed



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1. Rhetorical pattern *Creating a Research Space*
2. Problem-solution pattern
3. Counter-argumentation



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## Rhetorical moves in argumentation

- Move 1** Establishing a research territory
- a. by showing that the general research area is important, central, interesting, problematic, or relevant in some way. (optional)
  - b. by introducing and reviewing items of previous research in the area. (obligatory)
- Move 2** Establishing a niche<sup>a</sup>
- a. by indicating a gap in the previous research, raising a question about it, or extending previous knowledge in some way. (obligatory)
- Move 3** Occupying the niche
- a. by outlining purposes or stating the nature of the present research. (obligatory)
  - b. by announcing principal findings, (optional)
  - c. by indicating the structure of the RP. (optional)

Swales, J. M., & Feak, C. B. (2009). *Academic writing for graduate students: Essential tasks and skills* Ann Arbor, MI: University of Michigan Press, p 244

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## Move 1

Showing that the general research area is important, central, interesting, problematic, or relevant



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## Importance of the field

The adjective *important* is, according to Hyland and Jiang, the most common term across several disciplines (Applied linguistics, Sociology, Electrical engineering and Biology).

Hyland and Jiang 2016: 262

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# Lextutor: How does it work?

<https://lextutor.ca/conc/eng/>

Home > Conc (Eng) > Input

## Web Concordance - English v.8

NEW 2020- SHAKESPEARE! Demo

With sub-sort on \*asterisked\* corpora ||| +NEW\* COCA Sampler - a 1:100 randomization of the 400-million wd  
Coca (in 5 subs) Demo

French German Spanish English

Base Enter the word words of corpus

Choose the word form

Choose a Corpus

Keyword: **important** (Max chars. 23) In corpus: Academic Abstracts (174k)

With associated word(s) NONE of these

NEW SORT | Sort Lines by Mean VP

Sorted By word(s) to Left of keyword | or Keyword | Line Width 100 | Number of Lines

+ Scan for any recurring potential collocate within 5 words presenting <= 4 times

Get concordance

Academic Abstracts (174k)  
Academic Abstracts (174k)  
Academic General (6m)  
BASE Spoken All (1.6m wds)\*  
BAWE Written All (8m wds)\*  
BAWE Sampler (1+m)  
BLaRC Law Reports (8.8m)  
BNC Commerce (2.2 m)  
BNC Humanities (3.3 m)  
BNC Law (2.2 million)  
BNC Med (1.4 million)  
BNC Soc. Science (2.3 m)  
BNC Sp\_v\_Wr (2m)\*  
BNC Spoken (1 million)  
BNC Written (1 million)  
BNC-COCA 1+2k (14 m)  
Brown\_BNC Writ. (2+m)  
Brown (1+m)  
Call of the Wild (24k)  
COCA sampler (1.7 m)\*

Lextutor Concordancer is a small part of the *Compleat Lexical Tutor*, a web-based language resource for data-driven second-language learning, developed by Tom Cobb of the University of Montreal

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## Establishing importance: Supporting claims (Lextutor, BAWE)

communication with this organisation is	IMPORTANT because	it means that we can receive in	[agriculture]
nce the stability of institutions is	IMPORTANT because	it mitigates the uncertainty inv	[economics]
vention." The Optional Protocol is	IMPORTANT because	it offers persons with disabilit	[law]
ders input. To a shareholder this is	IMPORTANT because	it shows how effectively the com	[engineering]
ne and questionnaires. This study is	IMPORTANT because	it tried to incorporate all the	[psychology]
hetics of historiography' has become	IMPORTANT because	its modernity was 'defined by it	[history]
vidently the controlling function is	IMPORTANT because	much of its implications are evi	[sociology]
piastemic modality, Palmer's model is	IMPORTANT because	of its attempt to achieve cross-	[linguistics]
localisation of pie-1 is incredibly	IMPORTANT because	of its function and ability to r	[biology]
ility". This notion is particularly	IMPORTANT because	of the fear that commissioners m	[law]
s assert that the flow is relatively	IMPORTANT because	of the low level of education. B	[law]
picture. Principles were especially	IMPORTANT because	of the role they played in judic	[law]
y to cope in everyday life which was	IMPORTANT because	of their responsibilities to pro	[sociology]
face be the same or similar. This is	IMPORTANT because	often is the case that the lead	[chemistry]
". This last pronoun is particularly	IMPORTANT because	otherwise, the sense of the sent	[english]
ts. Payroll cost ratio is relatively	IMPORTANT because	payroll constitutes a high cost,	[hospitality]
certainty and transparency. This is	IMPORTANT because	prospective applicants need to b	[law]
akes the current OS type clear. It's	IMPORTANT because	some pre-compilation instruction	[computer_sci]
rogram on a cluster etc... It is very	IMPORTANT because	some problems and difficulties h	[computer_sci]
state it. Designing for evolution is	IMPORTANT because	the business environment is fick	[computer_sci]
tands for Hope. Yet, the shape is as	IMPORTANT because	the circle is the figure of harm	[english]
ation of the term 'noble savage' was	IMPORTANT because	the common denominator was the	[history]
'solutions remains constant. This is	IMPORTANT because	the electrode measures the activ	[chemistry]
nion arrived. Enlightenment was also	IMPORTANT because	the ensuing political, legal and	[history]
ssible for warfare'. State power was	IMPORTANT because	the loss of independence resulte	[history]
e of what was going on, that was not	IMPORTANT because	the matrices were giving the wri	[physics]
n particular words. This can be very	IMPORTANT because	the meaning of a sentence can be	[health]
The break-down of Acetylcholine is	IMPORTANT because	the nerve impulse being a transi	[chemistry]
ts and social and legal rules. It is	IMPORTANT because	the new ethics we need in order	[law]
on of the mirror. The slow motion is	IMPORTANT because	the optical path length only nee	[physics]
duce the Azumaya Algebras which are	IMPORTANT because	the relationship mentioned above	[mathematics]
role of the West became increasingly	IMPORTANT because	the weak central Qing government	[history]
ertising research is perceived to be	IMPORTANT because	there is no point dedicating lar	[business]
0) However, institutions can also be	IMPORTANT because	they also provide a number of b	[politics]
chemical changes. Some of these are	IMPORTANT because	they change those characteristic	[food_science]
per-institutional relations are also	IMPORTANT because	they define the power balance be	[politics]
The annual accounts statements are	IMPORTANT because	they indicated users what assets	[engineering]
t. Indexicals and demonstratives are	IMPORTANT because	they seem to resist any attempt	[philosophy]
queville recognises associations as	IMPORTANT because	they uphold the importance of th	[sociology]
or inactivation by heat treatment is	IMPORTANT because	trypsin inhibitor works by block	[food_science]

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Keyword(s): equals important Max Chars: 21 In corpus: Academic General (6m) Info

s fluent, enchanting utterance had, compared with IMPORTANT artists of the past, relatively little c  
 g quite unaware of this. "Interview effect" is as IMPORTANT as "interviewer effect". Oakley (1979) h  
 and the work of county archivists have been very IMPORTANT as a base from which to promote records  
 people. Certainly the troops of Papio baboons are IMPORTANT as a means of deterring predators, and s  
 awn from the natural and social sciences. This is IMPORTANT as a means of drawing end - user attent  
 turies, the wife and mother at home became doubly IMPORTANT as a moral force because evolutionary id  
 n work caused through promotion becomes much less IMPORTANT as a route for advancement. Even so, wor  
 condition of their recognition by the Church, and IMPORTANT as a safeguard from the suspicion that t  
 , or a singer, or drunk, or blindfolded. Far more IMPORTANT as a source - a direct hit on all four c  
 ongly emphasized in Lele cosmology. The forest is IMPORTANT as a source of food, since some gardens  
 ROVISION To date the private sector has been less IMPORTANT as a source of provision. However, it is  
 ent works. Most generally, The German Ideology is IMPORTANT as a turning point. Here Marx and Engels  
 to explanation, or getting the message over, as the most IMPORTANT and last fingerspelling as the least  
 felids present in they previously found arable. With a few IMPORTANT and a few more unimportant exceptions, n  
 t is not the equal; and 3 that women's paid work is both IMPORTANT and a long - term phenomenon. These type  
 duty solicitor a of disorganization in social relations is IMPORTANT and accurate. What is manifestly not dis  
 aspects of the s not to say that women have not played an IMPORTANT and active role in numerous tenant strug  
 h national lib level becoming from the 1860s rapidly more IMPORTANT and active, were still very much on the  
 occasions, w whether than being formally assigned. The most IMPORTANT and all - embracing of these groups was  
 countries in curately of discourse about them. This is an IMPORTANT and also a difficult point, so let me tr  
 me attached to.) Kinship networks in business became less IMPORTANT and by the end of the century, middle cl  
 GIS context saw the limits of their competence is clearly IMPORTANT and calling in specialist help is alway  
 during the pelates signed in the previous year. But more IMPORTANT and certainly more divisive, than such  
 lly was. The ke psychoanalysis's place in feminism a more IMPORTANT and challenging one. Such work is starti  
 gin our discussion here by taking up a very IMPORTANT and characteristic religious theme: the  
 erating chimps below. Meat is nutritionally IMPORTANT and chimps are a serious source of preda  
 ligious factors are therefore held to play IMPORTANT and complementary parts in the explanati  
 which Cnut faced as king of England was an IMPORTANT and complex relationship with the Englis  
 conditions is it possible? This has been an IMPORTANT and contentious question in philosophy.  
 the previous years had emerged as the most IMPORTANT and controversial figures in the Fauve m  
 bt a central part of language, and still an IMPORTANT and controversial topic in the philosoph  
 r even as hooliganism, the CCCS saw them as IMPORTANT and creative in their own right - as you  
 ph 79). When, however, a woman is doing the IMPORTANT and demanding work of child care, taking  
 s more fruitful to emphasise that the most IMPORTANT and distinctive feature of sociology is  
 tion. Not surprisingly it is regarded as an IMPORTANT and effective management tool. The visib

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## Establishing importance: Avoiding overstatements (Lextutor, BAWE)

Home > Concordancers > English Input > Output (← Back keeps original settings) Copiable extract-link to this data >> here

Concordance for **the most important** in bawe\_complete Dictionary Eng\_Eng Speak keyword Eng-US

Extract checked items: All any10 20 30 50 Go >

MODIFY: equals the most importan BAWE Written All (6m) sort left +assoc(s) on L|R side for 25,000 lines @

100 wide Go

401 hits 59 per million (hits/corpus size × 1,000,000)

LEFT 1 WD of=96 is=40 are=10 perhaps=14 as=11 be=10 that=9 was=0 probably=7 arguably=6  
 possibly=6 and=5 however=4 with=4 being=3 but=3 considered=3 on=3 still=3 summarises=3 usually=3  
 2000=2 americans=2 clearly=2 diagnosis=2 far=2 justice=2 only=2 process=2 represent=2 them=2  
 think=2 ultimately=2 were=2

Click any KEYWORD for more context

001.  hysicist Richard Feynman described turbulence as " THE MOST IMPORTANT unsolved problem of classical p [physics]  
 002.  icia "Personal Identity". Parfit states that the " THE MOST IMPORTANT claim in the Reductionist View" [philosophy]  
 003.  n [classics]  
 004.  Nel on [us\_studies]  
 005.  d it [architecture]  
 006.  el [english]  
 007.  to [sociology]  
 008.  he [history]  
 009.  n [engineering]  
 010.  t a n [politics]  
 011.  ppp c [business]  
 012.  on s [politics]  
 013.  nde g [us\_studies]  
 014.  di r [food\_science]  
 015.  reproductive rates (Cowlishaw and Dunbar, 2000). THE MOST IMPORTANT constraint on possible expansio [anthropology]  
 016.  s in order to tell a good story (Williams, 2000). THE MOST IMPORTANT thing is to make the interview [health]  
 017.  x to Soviets , p. 153 Acton, p. 200 Figes, p. 470 THE MOST IMPORTANT decision in the history of the [history]  
 018.  patterns. Mortality rates range from 214 to 54%. THE MOST IMPORTANT prognostic factors include gene [medicine]  
 019.  actices According to Garber et al. . (2002: 730), THE MOST IMPORTANT practices to conserve water use [biology]  
 020.  sive rags religious significance (Sullivan 1982: 80) THE MOST IMPORTANT and badly debated question ever [psychology]

A search for **the most important** in Lextutor shows students the way academic writers try to avoid overgeneralisations by using hedges such as **perhaps, probably, arguably, possibly, usually, considered**

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## Establishing importance: Avoiding overstatements

Home > Concordancers > English Input > Output (« Back keeps original settings) Copiable extract-link to this data >> here

Hedging by the use of phrases like : **known as, described as, is considered to be, regarded to be, held to be, said to be, seems to be, will probably be.**

They also appear in quotes or in statements attributed to other authors, e.g. **David Renton argues, John Breuille describes as**

063.  were enough successes to establish the 1960s as THE MOST IMPORTANT episode of the twentieth century [his studies]  
 064.  entiate its offer. Also, Kathmandu being known as THE MOST IMPORTANT gambling city of the Indian sub [hospitality]  
 064.  f German Workers which John Breuille describes as THE MOST IMPORTANT labour organization established [history]  
 065.  Introduction Hand hygiene is commonly regarded as THE MOST IMPORTANT activity for reducing the sprea [health]  
 066.  on task analysis performed in previous section as THE MOST IMPORTANT attribute of the system is meet [computer\_sci]  
 067.  over, suggesting the throughfall precipitation as THE MOST IMPORTANT. Although such study has not be [agriculture]  
 068.  tole. The two works that were widely regarded as THE MOST IMPORTANT of this time were the rationali [philosophy]  
 069.  through the medical school faculty is held to be THE MOST IMPORTANT locus wherein a successful effo [medicine]  
 070.  , both verbal and non-verbal, could be said to be THE MOST IMPORTANT of all generic skills as it aff [health]  
 071.  . He also suggests that Standard English might be THE MOST IMPORTANT variety of English because the [linguistics]  
 072.  but should be used as guidance. "Policy should be THE MOST IMPORTANT factor that will be applied in [law]  
 073.  d for the acquisition of a L2. As age seems to be THE MOST IMPORTANT factor for successful L1 acquis [linguistics]  
 074.  Ge, tropospheric ozone and soot aerosols would be THE MOST IMPORTANT forcings responsible for the ob [meteorology]  
 075.  lysing why this brand of Protestantism came to be THE MOST IMPORTANT in later sixteenth century Euro [history]  
 076.  over the next 20 years, speaking will probably be THE MOST IMPORTANT language skill for students. In [linguistics]  
 077.  y, available online 2) What do you consider to be THE MOST IMPORTANT structural and linguistic featu [classics]  
 078.  y, available online 2) What do you consider to be THE MOST IMPORTANT structural and linguistic featu [classics]

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## British National Corpus: How does it work?

<https://www.english-corpora.org/bnc/>

### Tools:

POS

sections

list

chart

collocate

compare


KWIC

The British National Corpus (BNC, Davies, 2004, originally created by Oxford University Press) is a 100 million word corpus of British English texts.

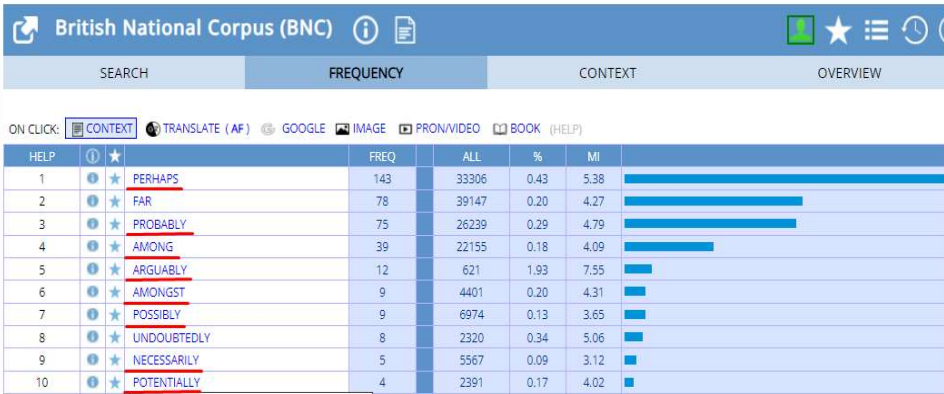
It represents a variety of genres: newspapers, fiction, spoken language. For academic writers the most relevant part is its 15 million word section of academic English.

BNC-English corpora is a very rich resource which has a wide variety of functions.

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Collocates search of the phrase  
*the most important* in BNC-English corpora

HELP		FREQ	ALL	%	MI	
1	★ PERHAPS	143	33306	0.43	5.38	
2	★ FAR	78	39147	0.20	4.27	
3	★ PROBABLY	75	26239	0.29	4.79	
4	★ AMONG	39	22155	0.18	4.09	
5	★ ARGUABLY	12	621	1.93	7.55	
6	★ AMONGST	9	4401	0.20	4.31	
7	★ POSSIBLY	9	6974	0.13	3.65	
8	★ UNDOUBTEDLY	8	2320	0.34	5.06	
9	★ NECESSARILY	5	5567	0.09	3.12	
10	★ POTENTIALLY	4	2391	0.17	4.02	

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## Rhetorical moves in argumentation

- Move 1** Establishing a research territory
- a. by showing that the general research area is important, central, interesting, problematic, or relevant in some way. (optional)
  - b. by introducing and reviewing items of previous research in the area. (obligatory)
- Move 2** Establishing a niche<sup>a</sup>
- a. by indicating a gap in the previous research, raising a question about it, or extending previous knowledge in some way. (obligatory)
- Move 3** Occupying the niche
- a. by outlining purposes or stating the nature of the present research. (obligatory)
  - b. by announcing principal findings, (optional)
  - c. by indicating the structure of the RP. (optional)

Swales, J. M., & Feak, C. B. (2009). *Academic writing for graduate students: Essential tasks and skills* Ann Arbor, MI: University of Michigan Press, p 244.

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## Move 1

Introducing and reviewing items of previous research



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Engaging with other authors' arguments:  
BNC-English corpora, *this argument*,  
*KWIC* search



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## Engaging with other authors' arguments: BNC-English corpora, *this argument*

	<i>to accept</i>		this argument	is that, if it is accepted, there is no scope
	<i>to develop</i>		this argument	in 7.4 I offer arguments which attempt to establish the
	<i>to confirm</i>		this argument	It noted that adjustments are permitted in the case of ad
	<i>to counter</i>		this argument	in the years immediately following the war, manufacture
	<i>to be convinced by</i>		this argument	does
	<i>to expand</i>		this argument	is
	<i>to follow</i>		this argument	W
	<i>to develop</i>		this argument	V
	<i>to provide empirical support for</i>		this argument	is
	<i>to be convinced</i>		this argument	V
	<i>to find the argument convincing</i>		this argument	V
			this argument	is
			this argument	has received wide
			this argument	currency
			this argument	has been explored
			this argument	is accepted
			this argument	to sug
			this argument	has not departed far from the 'radical social control' posi
			this argument	convincing; others may not. Lawrence did not identify an
			this argument	in more detail, it is worth turning to the product which
			this argument	is a critique of post-modernism. This term usually refers
			this argument	the Bolsheviks. The main proof Van Lauz offers for
			this argument	is the polarisation of society between global conflict and a
			this argument	; Huang, 1943) have provided empirical support for
			this argument	, and in doing so have produced a much more optimistic p

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Alex Henry: the approach to teaching writing should  
'encourage learners to develop their learning and  
analytical skills so that they can identify and use  
effectively the linguistic formulas'.

(Henry 2007: 463)

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## Engaging with other authors' arguments: BNC-English corpora, *this argument* search

its inability to compete abroad . By the late 1890s this argument had become much harder to sustain . Leadli  
se capacities . These to ... *this argument* ... if it ... from the assumption of differen

There is a dangerous circularity about *this argument*

The difficulty about *this argument*

Platt doesn't fully accept *this argument*

The rationale behind *this argument*

There needs to be a way to break *this argument*

... was convinced by *this argument*

... was not impressed by *this argument*

wish to counter *this argument*

... to confirm *this argument*

We develop *this argument*

*this argument* had become much harder to sustain

*this argument* was rejected

*this argument* is not borne out by research

... practices advocated as policy are based . We develop this argument , and an analysis of the ' good primary pract

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## Engaging with other authors' arguments: Lextutor (BAWE) *this argument* search

(Simmel 1968 24 cited in Sherman 1970 126) THIS ARGUMENT links to the inability of a strong a [sociology]  
involvement schemes (Cunninghamal. 1996). THIS ARGUMENT is reinforced by the findings of the [business]  
at in that sense (see also Weberal. 2000). THIS ARGUMENT is advanced by Marginson and Sisson [business]  
ity. (Carricaburu and Pierret, 1995: 301) THIS ARGUMENT reveals the way in which, rather tha [sociology]  
e being, period)." (Van Cleeve, 1999 p. 5) THIS ARGUMENT appears to be condemning all Idealis [philosophy]  
Law (Hart Publishing, Oxford 1997), at 60. THIS ARGUMENT is adopted from P Cane, The Anatomy [law]  
g things be removed." (Kant, 1787 p. 89). THIS ARGUMENT relies on the presupposition that we [philosophy]  
9), p. 244. Gottfried, Black Death, p. 94. THIS ARGUMENT is paramount in presenting the Black [history]  
ther in favour or only against an action. THIS ARGUMENT is essentially based on examples whe [philosophy]  
limit ( $\pi / 2$ )f(0). Dirichlet then adjusted THIS ARGUMENT to accommodate functions which were [mathematics]  
introduce change. Storey (2005:4) advances THIS ARGUMENT by illustrating: [Employees] have, i [business]  
is utterly indivisible." [3] Once again THIS ARGUMENT is aimed at demonstrating the differ [philosophy]  
and is able to judge correctly. But again THIS ARGUMENT is by no means free from criticism. [philosophy]  
y ideologies were interconnected although THIS ARGUMENT rests partly on subjective interpret [archeology]  
2001: 207; Perlès, 1992: 125). Although THIS ARGUMENT at first instance appears convincing [archeology]  
Washington is filled with corruption, and THIS ARGUMENT has a renewed legitimacy with the cu [politics]  
is important in the knowledge economy and THIS ARGUMENT leads to a contradiction within the [business]  
ories, identities, cultures and...myths'. THIS ARGUMENT is grounded in the belief that such [politics]  
led and controlled by the elite appealing. THIS ARGUMENT could be criticised by the fact that [classics]  
ning of the organised workforce approach.' THIS ARGUMENT is also present in Hall's analysis w [business]  
fficult to state this was a solid trend as THIS ARGUMENT is based on assumption as opposed to [history]  
objects. We shall now show the assumption THIS ARGUMENT is based on before passing on to con [philosophy]  
nd how a state cannot shield itself behind THIS ARGUMENT when the state itself is the perpetr [law]  
egime. However, a good example that breaks THIS ARGUMENT is the recognition of arbitral award [law]

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## Engaging with other authors' arguments: Lextutor 's argument, 's claim search

Keyword(s): equals 's claim Max Chars:30 In corpus: BAWE Written All (8m)

of this thesis after examining directly Berkeley 'S ARGUMENT against the possibility of conceiving [philosophy]  
-called 'Master Argument'. The force of Berkeley 'S ARGUMENT derives from his imagistic theory of u [philosophy]  
lieve there may be old legal advice. This is inconsistent with Dean 'S CLAIM that "coercion tricks can't happen now w [law]  
internet demonstra ople's literary Land-Grab' This supports Derrida 'S CLAIM that in reading and interpreting a text w [publishing]  
(Jahoda, 2002). I's Emilia disparages her, confirming Dusiinberre 'S CLAIM that 'importance.. turns women against es [english]  
s to acknowledge dent that law is used instrum flawed. The conflict [law]  
rgely unsuccessful ina's 'diplomatic traditio national intercou [history]  
d with methodologi c assumption. We can also physical and the [philosophy]  
nets be sacrificed now show why this is a pr d inherent Post-Structu cept of pain. [philosophy]  
e European unity c ing so, the reader cannot global cultural [publishing]  
uld consider to be ing so, the reader cannot ech are what ar [english]  
eon', lines 6-7) W? However, although this awed, modern in [philosophy]  
s, and shifts from y characters. These obser ic uses evolve [linguistics]  
ognition. This ha y appeal of this model is erved patterns [philosophy]  
. v. Farmpride Hat can be found i [philosophy]  
ott's alternative on that does not seek to not geared towa [politics]  
ion (Mies, 1998). the language of the phys fails to adequ [philosophy]  
in physical terms. It mus claim are far bo [philosophy]  
rkness represents Win, mid-parent analysis pts of cognitiv [psychology]  
presents 'Pericles' 91) 'The Kantian Sublime' assure we are dr [philosophy]  
ading. There are t e believes. This approach movement' rigi [philosophy]  
hers' (1993:14). T of its Taylor series. Th expanded in a [mathematics]  
cm specific area s e and immediately were ab ey found that : [linguistics]  
shed me.' (Euripid e entire contractual packa under the Regulat [law]  
y misses the chanc seable solutions One of the objections to Locke 'S CLAIM addresses the referential problem. The co [philosophy]  
that Theseus doesn One way to avoid this criticism is to take Locke 'S CLAIM normatively (Lowe 1995) and claim that un [philosophy]  
course to justice' aning as a whole. Another problem with the Locke 'S CLAIM is the existence of meaningful sentences [philosophy]  
ic defects. Fortun icle refers both to the Chinese Foreign Minister 'S CLAIM that, "the Chinese government has never d [politics]  
by the details of this data. In evaluating Nagel 'S CLAIM I shall begin by discussing the hemisphere [philosophy]  
ive. The question then is how to take Nietzsche 'S CLAIM about wills dividing into the strong and [philosophy]  
pective, Table B-21 To conclude, Mancur Olson 'S CLAIM that "the conditions necessary for a last [economics]  
the physician is he who can legitimise a person 'S CLAIM to sickness. This legitimisation, in the [sociology]  
the United States by reversing his predecessor 'S CLAIM that the secession of the southern states [us studies]

*gains credibility  
fails  
lacks detailed analysis  
provides no answer  
makes convincing claims  
is hard to accept  
poses the problem*

29

## Engaging with other authors' arguments

To support one's claim:

*This argument can be invoked to support the programme of  
language immersion in Canada, referred to in Chapter 2 ...*

Lextutor, Academic General

To accept an author's argument:

*There's no reason to refute this argument ...*

Lextutor, Academic General

To refute a previous argument:

*I would reject this argument as calculated to undermine...*

BNC, Academic

To evaluate an argument:

*Though not without merit, this argument is weaker here*

BNC, Academic

30

## Move 2: Establishing a niche by indicating a gap in the previous research

- Move 1** Establishing a research territory
- a. by showing that the general research area is important, central, interesting, problematic, or relevant in some way. (optional)
  - b. by introducing and reviewing items of previous research in the area. (obligatory)
- Move 2** Establishing a niche<sup>a</sup>
- a. by indicating a gap in the previous research, raising a question about it, or extending previous knowledge in some way. (obligatory)

Swales, J. M., & Feak, C. B. (2009). *Academic writing for graduate students: Essential tasks and skills* Ann Arbor, MI: University of Michigan Press, p 244

31

## Move2

### Establishing a niche or gap



32

## Establishing a research gap

BNC KWIC (key word in context) search: *little research*

The screenshot shows the BNC KWIC search interface. The search term "little research" is entered in the search box. The "KWIC" tab is selected. The search results are filtered by "ACADEMIC" in the "Sections" dropdown. The number of results is set to 200.

33

Establishing a niche or identifying a research gap: *little research*

of the printed word : " a field where very little research had been done ; " (Locke 1974 : " 121 )	little research	had been done
ms were addressed . In the first place , since little research had taken place outside London , we chose to investigate a	little research	had taken place outside
bean children in British schools , remarkably little research has actually been done to study the linguistic behaviour of	little research	has actually been done
curriculum is to be based on research ? Very little research has been carried out on teaching methods and the effectiveness	little research	has been carried out on
mography of the developed world relatively little research has been carried out in relation to the corresponding (i.e.	little research	has been carried out in
ame group of pupils on different occasions . little research has been carried out on consistency of performance on similar	little research	has been carried out on
, carried out at dispersed homes . However , little research has been carried out on the quantities of wood required . An	little research	has been carried out on
vely small quantity of imported wares . Very little research has been carried out on domestic wares and it remains far from	little research	has been carried out on
that has attracted the most attention . Very little research has been carried out on the functions of domestic pottery ; there	little research	has been carried out on
r less easily . As she points out Remarkably little research has been carried out on the question of how these filters operate	little research	has been carried out on
round for close on two hundred years ; very little research has been carried out either to attempt to understand how it work	little research	has been carried out either
ore likely . # Improving co-operation # Very little research has been conducted to discover how the barriers to effective	little research	has been conducted to
elping children adjust to parental epilepsy # Little research has been conducted on the needs of children who have a parent	little research	has been conducted on
ession in the labour market ; Yet surprisingly little research has been conducted into the subject , at least in Britain .	little research	has been conducted into
n draw on this experience in their teaching ; little research has been done in the area . Using techniques developed during a	little research	has been done in
they would be best advised to consult ; Very little research has been done on the literature guides and only one on their	little research	has been done on
men relapse after coming under stress ; Very little research has been done into its cause among adolescents and adults . As	little research	has been done into
espite the Gulfs long history of oil pollution , little research has been done on the long-term impact on marine life there .	little research	has been done on
. For example , Spears ( 1982 ) states that little research has been done on the cost of rehabilitation of severely eroded	little research	has been done on

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## Identifying a research gap: alternative search *little attention*

file of the nineteenth century . Yet , surprisingly	little attention	has been focused on	the institution by historians . A major
; extracted from a meaningful framework . Too	little attention	has been given to	pragmatic factors , many of which Donaldson
DHSS , 1976 ) . Despite all this ; very	little attention	has been given to	the issue in Great Britain as compared with
secondary school girls in mathematics . Relatively	little attention	has been given to	the processes which result in these different
s polarizing glasses . It is rather strange that so	little attention	has been given	so far to the mechanical properties of biological
per cent . # Social class and mental health #	Little attention	has been given to	the relationship between mental and social
rily in the broad social and economic spheres :	has been given to	the relations between states and people . This	
ion-making processes which shape their lives .	little attention	has been given to	the say that young disabled people have in
been undertaken for many decades , although	little attention	has been given to	assessing their effectiveness . An
this book represents excellent value given that	little attention	has been lavished on	NBR affairs . # The Heyday of Nine
of a satirist attacking her betters . Relatively	little attention	has been paid to	the origins of labouring class poetry . Stephen
as a whole . It is rather surprising that so	little attention	has been paid to	the potential role of radio in contributing to
for many other consumer goods and services .	little attention	has been paid to	the marketing aspect of this software . It
level of the political centre of the nation state .	Little attention	has been paid in	the UK to intermediate levels of government .
values are constantly under threat relatively	little attention	has been paid to	it . The emphasis of many previous studies
ie promotion of some conception of the good .	Little attention	has been paid to	this as a separate issue in ' neutralist
s that appear to be involved . To date relatively	little attention	has been paid to	the detailed morphological evidence that might
h representational faithfulness and neutrality .	Little attention	has been paid to	alternative presentational formats , such as
ng students ' experiences of schooling . So far ,	little attention	has been paid by	feminist sociologists to higher education . The
' West and by Uzuncarsili in his ( ---- ) . Relatively	little attention	has been paid by	any of the sources , however , to
thin and between Marxism and pluralism , very	little attention	has been paid to	the patriarchal nature of the state . #
s gradient exists across the rest of the classes .	Little attention	has consequently been paid	to this category in this report . '
nty of opportunity for talking with others . Yet ,	little attention	has focused upon	the quality of such experiences ; having
e assessment of untreated tumours . relatively	little attention	has yet been given	to the role of MRI in monitoring tumour

35

## Identifying a research gap: alternative search *few studies*

, or more ad hoc interpretive insights Relatively	few studies	begin with	an explicit (ex-ante) theory which is then
the increasingly widespread use of oesophageal manometry ;	few studies	have assessed	its benefit to patient management . In a
also been examined from the vantage of the archivist .	Few studies	have attempted to study	the issues from the point of view of
, which would validate our findings in this study .	Few studies	have been carried out	assessing the effect of vitamin
England is lessened by the near-absence of moulds , and	few studies	have been made	. A study of a series of great square-headed
of background beliefs , values , and attitudes Very	few studies	have challenged	the generally accepted view that ' canteen
the preoperative staging of oesophageal carcinoma but	few studies	have considered	its efficacy in evaluating the response to
under-reporting of suicides . # Other mental health issues #	Few studies	have considered	the prevalence of conditions such as mania ar
who have a low prevalence of H pylori Very	few studies	have evaluated	the serological tests described in our study .
such as salbutamol be added for further relief . Since	few studies	have examined	the efficacy and safety of combining salmeterol
relations and processes affecting people and households .	few studies	have examined	how these broad constraints and relationships
scan the literature , it is important to remember how	few studies	have given	Black as well as white parents an opportunity to tell
occurrence . # results of other studies # Only a	few studies	have included	segregation analysis of family data on chronic
another factor contributing to earlier diagnosis in women :	Few studies	have looked	specifically at the elderly . Kirby et al reported 18
. Since this condemnation of research opportunity ,	few studies	have penetrated	deeply beneath the sensitive skin of ' police
much with whatever level of civilisation the existed Very	few studies	have shown	any evidence that extraterrestrials have ever
shop policy that promotes this kind of behaviour Very	few studies	have sought	to position shoplifting within a broader social and
livial fan and outwash deposits using moment methods . In	few studies	have the	higher moments been used to advantage , the princip
to a clinical assessment over a period of time .	Few studies	have tried	to answer the question of whether clinical and
and short contact have yielded promising results in the	few studies	in which	they have been attempted . Individual psychological
not at risk from HIV infection . There have been	few studies	looking at	the sexual risk of HIV infection for women who have
until the last few years , apart from a very	few studies	made by	certain women scholars . women were notable in Brit
are forecast by the year 2000 . There have been	few studies	of adults with	cystic fibrosis with respect to employment .
literature on small schools , I have come across very	few studies	of any kind	which purport to empirically test any aspect of thes
life of which cinematogoin is but a part . These	few studies	of cinema	audiences that do exist have employed the methods

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Transition between Move 1 and 2:  
from stating the importance/ presenting  
previous research to establishing the gap

- Move 1** Establishing a research territory
- a. by showing that the general research area is important, central, interesting, problematic, or relevant in some way. (optional)
  - b. by introducing and reviewing items of previous research in the area. (obligatory)
- Move 2** Establishing a niche<sup>a</sup>
- a. by indicating a gap in the previous research, raising a question about it, or extending previous knowledge in some way. (obligatory)

Swales, J. M., & Feak, C. B. (2009). *Academic writing for graduate students: Essential tasks and skills* Ann Arbor, MI: University of Michigan Press, p 244

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Transition between Move 1 and 2



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## However

*However* can ‘often lead to main points that academic authors want to make’

(Biber et al., 1999: 881).

39

### Web Concordance English v.8.3

With sub-sort on \*asterisked\* corpora  
 French German Spanish English Base Speed ≈ 1/2 second per million words of corpus

Add more for associated words, family search, sub-corpus count/sort, wildcard...

Keyword(s): equals  Max Chars: 15 In corpus: (BAWE Written A1\* (8m)

OPTION: With associated word(s)  within  words to  side

---

Home > Concordancers > English Input > Output (← Back keeps original settings)

Concordance for **little research** in bawe\_complete Dictionary Eng\_Eng

Larger context for LITTLE RESEARCH in Corpus bawe\_complete/psychology.txt

Extract checked 1 items:  All |  any10 | 20 | 30 | 50

MODIFY: equals  BAWE Written A1\* (8m) sort  +asso

wide  3 hits <1 per million (hits/corpus size × 1,000,000)

BY MEMBER OR STEM little research=3

Click any **KEYWORD** for more context

001.  social competence (Yip J, 2005). **However**, there is LITTLE RESEARCH t

002.  of an acute psychotic episode. **However**, there is LITTLE RESEARCH on

003.  more than dissimilar sounding words. **However** very LITTLE RESEARCH h:

A high association between sense of humour and better psychosocial adjustment has been found in cancer patients (Dowling J, 2003). Also, research indicated that positive humour style was positively associated with social competence (Yip J, 2005). **However, there is LITTLE RESEARCH that focus on the role of humour and its relationship with intercultural adjustment.** Studying and staying abroad can be regarded as a life transition. International students encounter stressful life changes and intercultural adjustments (Leong & Mallinckrodt, 1992).

40



Transition from Move 1 to Move 2

Many studies have tested the effect of different types of speech on recall, but most focus on the effect of phonological dissimilar words on the number of items recalled. Results suggest that interference from background speech which is similar sounding disrupts working memory more than dissimilar sounding words. **However very little research has been published** testing the effects of semantically similar (related meaning) words as a distractor to memory.

A high association between sense of humour and better psychosocial adjustment has been found in cancer patients (Dowling J, 2003). Also, research indicated that positive humour style was positively associated with social competence (Yip J, 2005). **However, there is little research** that focuses on the role of humour and its relationship with intercultural adjustment.

Establishing the research territory by reviewing previous research

Establishing the research gap

Previous research

Establishing the gap

Lextutor, BAWE

41

Transition between Move 2 and 3:  
from establishing the gap to presenting the writer's own research

Move 2

Establishing a niche<sup>a</sup>

a. by indicating a gap in the previous research, raising a question about it, or extending previous knowledge in some way. (obligatory)

Move 3

Occupying the niche

a. by outlining purposes or stating the nature of the present research. (obligatory)

b. by announcing principal findings, (optional)

c. by indicating the structure of the RP. (optional)

Swales, J. M., & Feak, C. B. (2009). *Academic writing for graduate students: Essential tasks and skills* Ann Arbor, MI: University of Michigan Press, p 244

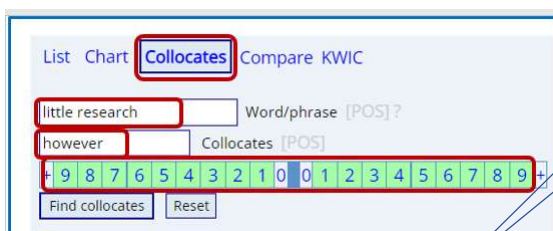
42

## Transition between Move 2 and 3



43

Transition between Moves 2 and 3 :  
from establishing the gap to presenting  
the writer's own research



Establishing  
the gap

presenting  
own research

previous  
research

There has, **however**, been **little research** on the use of computers in planning practice. **The research aims** to develop the work and findings of an earlier project (Bardon and Stothers 1982) by: (1) extending and deepening the investigation of computer applications in UK local authority planning departments...

BNC-English corpora

44

Transition between Move 2 and 3:  
lexical sharing (Swales, 2011: 60)

1. **Little research** has been conducted in relation to the *field of Machine Translation (MT)*. *The purpose of this research work is* to determine the feasibility of using *MT techniques* for CLTR.
2. **Little research in information systems security** had previously focused on the *internal control systems*. As such, *this research presents* a new area in *information systems security study*. Lextutor, Academic General

45

Transition between Move 2 and 3:  
semantic sharing (Swales, 2011: 60)

1. In the first place, since **little research** had taken place *outside London, we chose to investigate* a *provincial city*.
2. Although religious educators often refer to *religion in the lives of children and young people*, and recommend that religious education draw on this experience in their teaching, **little research** has been done in the area. Using techniques developed during an earlier study of British Hindu children, *an ethnographic study* of *children and young people from Christian, Muslim, Jewish and Sikh backgrounds* in the context of their families and faith communities *will be conducted* in parts of the West Midlands.

BNC-English corpora, KWIC search, expanded context

46

## Differences in presenting one's own research

### Move 3

#### Occupying the niche

- a. by outlining purposes or stating the nature of the present research. (obligatory)
- b. by announcing principal findings, (optional)
- c. by indicating the structure of the RP. (optional)

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## MICUSP Michigan Corpus of Upper-level Student Papers <https://elicorpora.info/>

MICUSP Simple BETA  
Michigan Corpus of Upper-Level Student Papers

to solve the problem SEARCH CLEAR SEARCH  include notes & references

"to solve the problem" occurs 17 times in 13 papers  
(You searched in 16 disciplines at 4 levels of 7 paper types with 8 textual features)

DISCUSSION PROJECT PAGE | EMAIL

STUDENT LEVELS NATIVENESS TEXTUAL FEATURES PAPER TYPES

NO RESTRICTION

Argumentative Essay  
Creative Writing  
Critique/Evaluation  
Proposal  
Report  
Research Paper  
Response Paper

DISTRIBUTION ACROSS DISCIPLINES

CLICK TO SELECT Result frequencies: raw per 10,000 words CLEAR SELECTION

DISTRIBUTION ACROSS PAPER TYPES

CLICK TO SELECT CLEAR SELECTION

MICUSP contains 829 A grade papers (about 2.6 million words) of University of Michigan graduate and senior undergraduate students which can be searched for words and expressions in **16 disciplines**. You can search this corpus selecting student level, discipline, paper type and textual features.

You can access whole papers, which can be useful for academic writers.

48

MICUSP: How does it work?  
<https://elicorpora.info/>

The screenshot displays the MICUSP search interface with several filter panels. The 'PAPER TYPES' panel is highlighted with a red box and contains the following options:

- No Restriction
- Argumentative Essay
- Creative Writing
- Critique/Evaluation
- Proposal
- Report
- Research Paper
- Response Paper

The 'DISCIPLINES' panel is also highlighted with a red box and contains the following options:

- No Restriction
- Biology (BIO)
- Civil & Environmental Engineering (CEE)
- Economics (ECO)
- Education (EDU)
- English (ENG)
- History & Classical Studies (HIS)
- Industrial & Operations Engineering (IOE)
- Linguistics (LIN)
- Mechanical Engineering (MEC)
- Natural Resources & Environment (NRE)
- Nursing (NUR)
- Philosophy (PHI)
- Physics (PHY)
- Political Science (POL)
- Psychology (PSY)
- Sociology (SOC)

The 'STUDENT LEVELS' panel is highlighted with a red box and contains the following options:

- No Restriction
- Senior Undergrad (G0)
- 1st Year Graduate (G1)
- 2nd Year Graduate (G2)
- 3rd Year Graduate (G3)

The 'NATIVENESS' panel is highlighted with a red box and contains the following options:

- No Restriction
- Native English Speaker
- Non-native English Speaker

The 'TEXTUAL FEATURES' panel is highlighted with a red box and contains the following options:

- No Restriction
- Abstract
- Definitions
- Discussion of results
- Literature review
- Methodology section
- Problem-solution pattern
- Reference to sources
- Tables, graphs or figures

49

Learners need to be provided with  
 ‘a range of samples of a genre or its  
 characteristic elements so that they can  
 acquire a repertoire of linguistic and  
 rhetorical devices from which to choose’  
 (Petric, 2005, p. 224).

Such samples are very usefully provided by  
 MICUSP

50



# Students can explore the way we discuss *problems* in their writing

See the whole text by clicking on Paper ID

**problem** occurs 894 times in 341 papers  
(You searched in 16 disciplines at 4 levels of 7 papers)

**MICUSP Simple BETA**  
Michigan Corpus of Upper-Level Student Papers

STUDENT LEVELS

NATIVENESS

TEXTUAL FEATURES

PAPER TYPES

DISCIPLINES

**DISTRIBUTION ACROSS DISCIPLINES**

**DISTRIBUTION ACROSS PAPER TYPES**

Paper ID	Title	Discipline	Paper Type
BIO.G1.15.1	Invasive Territory of Invasives: The Dangers of Biotic Disturbance	Biology	Argumentative Essay
BIO.G1.04.1	The Evolution of Terrestriality: A Look at the Factors that Drove Tetrapods to Move Onto Land	Biology	Argumentative Essay
BIO.G1.07.1	Zebrafish and PGC mis-migration	Biology	Proposal

51

Discipline: Biology

Student Level: Second Year Graduate

Sex: Male

Native speaker status: NS

Paper type: Report

**Paper contains following features:** Definitions, Problem-solution pattern, Reference to sources

Word count: (4850 including notes and references)

## Intensive biofuel production and biodiversity loss: Is the LIHD model a viable solution?

### Introduction

Biofuels have often been considered renewable, carbon-neutral, "green" alternatives that could alleviate many of the environmental **problems** associated with fossil fuels. Increasingly, however, biofuels have been viewed with skepticism by scientists and others for their potential impacts on atmospheric carbon (McLaughlin and Walsh 1998, Hill 2007), world food prices (Runge and Senaur 2007), biodiversity (Hill 2007, Koh 2007), and rural culture (Widenoja 2007). There are many aspects of biofuel agriculture that one could consider, from subsidies and food prices to energy budgets and efficiency. For brevity, this paper will first review the potential impacts of biofuel expansion on biodiversity and habitat. The second part of the paper will give special attention low input, high diversity (LIHD) biofuel systems as a possible alternative to avoid some of the environmental **problems** caused by conventional biofuel production methods.

### Biofuels and habitat loss

In his 2007 State of the Union address, President Bush announced his wish to replace 15% of gasoline with renewable fuels by 2017, creating a flurry among politicians and investors to push biofuel research and production (Lewis 2007). While this is perhaps a welcome deviation from the Bush administration's unabated support of fossil fuels, biofuels are not without serious environmental **problems**. One fundamental concern is that there is simply not enough land area to grow biomass to meet the growing demand for biofuels. By one estimate, about 130 million hectares of biomass production would be needed to supply the United States with transportation fuel, which equivalent to the area of land occupied by all cropland in the late 1980's (Cook et al. 1991). Koh (2007) estimated that if 50% of the world's cultivated land area were converted to biomass for biodiesel, it would still fall 60% short of the world demand for biodiesel in 2050. Of course, these figures do not predict how or where the displaced food would be produced. Though few are advocating for a complete conversion to biofuels, there is no doubt that the increasing demand for biofuel production will cause serious land use conflicts between food production, biofuel production, and natural ecosystems.

There are three main classes of biofuels derived from herbaceous biomass: biodiesel, corn ethanol, and cellulosic ethanol. All types of biofuels share common ecological challenges, but each biofuel class also has unique features that complicate their usefulness and put biodiversity at risk.

### Biodiesel

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## Argument, hypothesis, problem

The three disciplines most frequently using the word **argument** are **Philosophy, Economics and Political Science**, with the lowest frequencies in Industrial and Operational Engineering, Mechanical Engineering, Civil and Environmental Engineering.

**MICUSP Simple BETA** Michigan Corpus of Upper-Level Student Papers

Search for:  SEARCH CLEAR SEARCH  include notes & references

**argument** occurs 667 times in 206 papers (You searched in 16 disciplines at 4 levels of 7 paper types with 8 textual features)

**STUDENT LEVELS**

**NATIVENESS**

**TEXTUAL FEATURES**

**PAPER TYPES**

No Restriction

- Argumentative Essay
- Creative Writing
- Critique/Evaluation
- Proposal
- Report
- Research Paper
- Response Paper

**DISCIPLINES**

No Restriction

- Biology (BIO)
- Civil & Environmental Engineering (CEE)
- Economics (ECO)
- Education (EDU)
- English (ENG)
- History & Classical Studies (HIS)
- Industrial & Operations Engineering (IOE)
- Linguistics (LIN)
- Mechanical Engineering (MEC)
- Natural Resources & Environment (NRE)
- Nursing (NUR)
- Philosophy (PHI)
- Physics (PHY)
- Political Science (POL)
- Psychology (PSY)
- Sociology (SOC)

**DISTRIBUTION ACROSS DISCIPLINES**

CLICK TO SELECT Result frequencies: raw per 10,000 words CLEAR SELECTION

Showing results in 1 to 10 of 206 papers

Paper ID	Title	Discipline	Paper Type
BIO.G0.02.5	On the Origins of Man: Understanding the Last Two Million Years	Biology	Report
BIO.G0.06.1	Global Reproductive Strategies of Tursiops and Stenella (Family Delphinidae)	Biology	Report
BIO.G0.18.1	Mammal Diversification	Biology	Report
BIO.G0.17.1	Effects of Protein Deficiency on Organ Size in Mus Musculus	Biology	Research Paper

**DISTRIBUTION ACROSS PAPER TYPES**

CLICK TO SELECT CLEAR SELECTION

NEXT >

53

## Argument, hypothesis, problem

**MICUSP Simple BETA** Michigan Corpus of Upper-Level Student Papers

Search for:  SEARCH CLEAR SEARCH  include notes & references

**hypothesis** occurs 444 times in 123 papers (You searched in 16 disciplines at 4 levels of 7 paper types with 8 textual features)

**STUDENT LEVELS**

**NATIVENESS**

**TEXTUAL FEATURES**

**PAPER TYPES**

No Restriction

- Argumentative Essay
- Creative Writing
- Critique/Evaluation
- Proposal
- Report
- Research Paper
- Response Paper

**DISCIPLINES**

No Restriction

- Biology (BIO)
- Civil & Environmental Engineering (CEE)
- Economics (ECO)
- Education (EDU)
- English (ENG)
- History & Classical Studies (HIS)
- Industrial & Operations Engineering (IOE)
- Linguistics (LIN)
- Mechanical Engineering (MEC)
- Natural Resources & Environment (NRE)
- Nursing (NUR)
- Philosophy (PHI)
- Physics (PHY)
- Political Science (POL)
- Psychology (PSY)
- Sociology (SOC)

**DISTRIBUTION ACROSS DISCIPLINES**

CLICK TO SELECT Result frequencies: raw per 10,000 words CLEAR SELECTION

Showing results in 1 to 10 of 123 papers

Paper ID	Title	Discipline	Paper Type
BIO.G1.01.1	V. Cholerae: First Steps towards a Spatially Explicit Model	Biology	Proposal
BIO.G2.06.1	A Conserved Role of Cas-Spg System in Endosome Specification during Early Vertebrate Development	Biology	Proposal
BIO.G3.02.1	Linking scales to understand diversity	Biology	Proposal

**DISTRIBUTION ACROSS PAPER TYPES**

CLICK TO SELECT CLEAR SELECTION

NE

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## Argument, hypothesis, *problem*

The use of *problem* is generally higher in all disciplines, the highest being in **Industrial and Operational Engineering**, but usage is also significant in **Economics and Philosophy**.

MICUSP Simple BETA

problem 5 occurs 994 times in 341 papers  
(You searched in 16 disciplines at 4 levels of 7 paper types with 8 textual features)

SEARCH CLEAR SEARCH include notes & references

MICUSP project page

Michigan Corpus of Upper-Level Student Papers

**STUDENT LEVELS**

**NATIVENESS**

**TEXTUAL FEATURES**

**PAPER TYPES**

- No Restriction
- Argumentative Essay
- Creative Writing
- Critique/Evaluation
- Proposal
- Report
- Research Paper
- Response Paper

**DISCIPLINES**

- No Restriction
- Biology (BIO)
- Civil & Environmental Engineering (CEE)
- Economics (ECO)
- Education (EDU)
- English (ENG)
- History & Classical Studies (HIS)
- Industrial & Operations Engineering (IOE)
- Linguistics (LIN)
- Mechanical Engineering (MEC)
- Natural Resources & Environment (NRE)

**DISTRIBUTION ACROSS DISCIPLINES**

CLICK TO SELECT Result frequencies: raw per 10,000 words CLEAR SELECTION

Showing results in 1 to 10 of 341 papers

**DISTRIBUTION ACROSS PAPER TYPES**

CLICK TO SELECT CLEAR SELECTION

Paper ID	Title	Discipline	Paper Type
BIO_Q0_15_1	Invading the Territory of Invasives: The Dangers of Biotic Disturbance	Biology	Argumentative Essay
1 of 2 hits <a href="#">Show all</a>			
BIO_Q1_04_1	The Evolution of Terrestriality: A Look at the Factors that Drove Tetrapods to Move Onto Land	Biology	Argumentative Essay
1 of 2 hits <a href="#">Show all</a>			

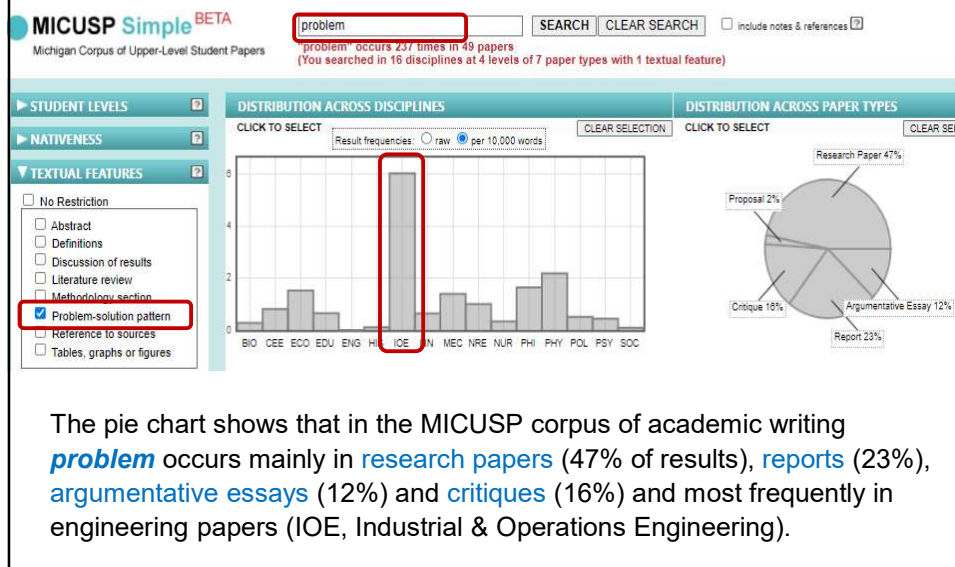
55

## Problem-solution rhetorical pattern



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## MICUSP: distribution of Problem-Solution pattern across disciplines and paper types



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## Problem-solution pattern

1. Description of a situation
2. Identification of a problem
3. Description of a solution
4. Evaluation of the solution

Swales, J. M., & Feak, C. B. (2009). *Academic writing for graduate students: Essential tasks and skills* Ann Arbor, MI: University of Michigan Press, p 14

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## However

A 'common way to introduce a problem is to use an adversative sentence connector, such as *however* or *nevertheless*' (Swales and Feak 2009: 109)

Charles also noted the role of *however* in signalling the Problem (Charles, 2011: 56).

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## Patterns of introducing a research problem

**Web Concordance English v.8.3**

With sub-sort on \*asterisked\* corpora  
 French German Spanish English

Base Speed ≈ 1/2 second per million words of corpus  
 Add more for associated words, family search, sub-corpus count/sort, wildcard...

Keyword(s): equals  Max Chars(23) In corpus: Academic General (6m) [Info](#)

OPTION: With associated word(s)  within 10 words to  side

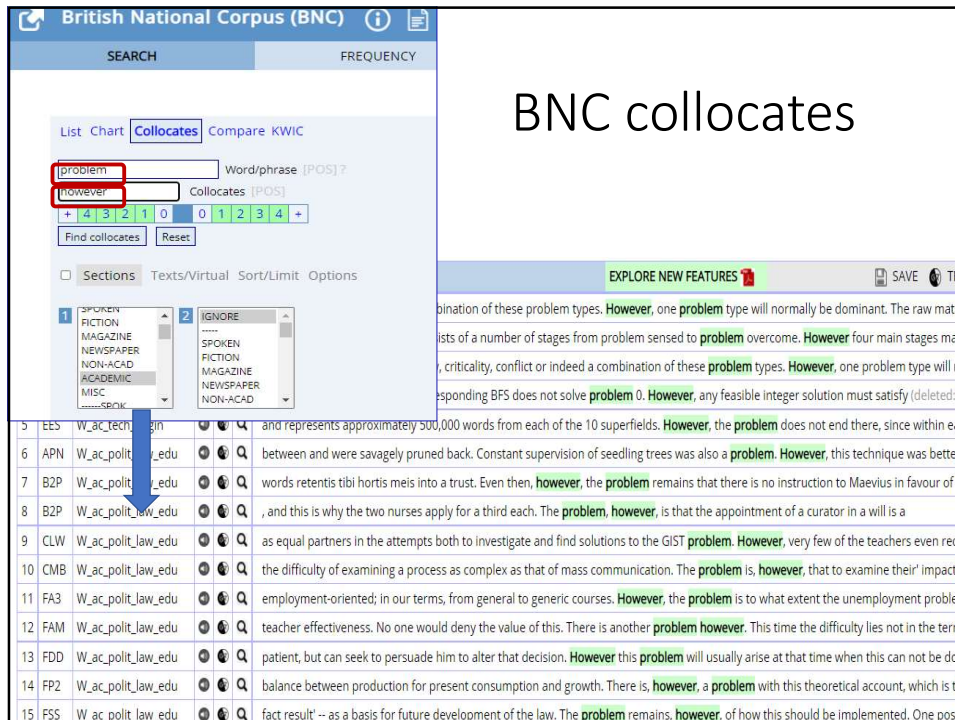
ve science" - in the current jargon. **however**, the **PROBLEM** at the cognisance level is to describe how  
 al languages, **however**, were a special and **PROBLEM**. Except to some extent in the Habsburg ter  
 ot universal and unchar... do both these things  
 lies by housing... segments of  
 initial by... the mediat  
 n such... classroo  
 pes of... s pre  
 To the... m whi  
 arded a... which  
 ormance. In... writing a  
 from standard... ince family incoo  
**however**, while this tells... what positive steps we a  
 sm and the victory of individualism. **however**, the **PROBLEM** can by no means be so readily dismissed. A  
 fruitful. There remains, **however**, an interesting **PROBLEM** of definition. In the case of processes, t  
 s can have a merely cosmetic effect, **however**. The **PROBLEM** is that egalitarian feminist method, like  
 ng them as a social problem. **however**, the way the **PROBLEM** has been constructed and made the subject  
 many children. **however**, it does highlight a major **PROBLEM** that we have so far not considered - some  
 iminal tendencies. Sometimes, **however**, there is a **PROBLEM** in distinguishing "learning" theories beca  
 criminology. **however**, this hardly helps with the **PROBLEM** of retributive justice, of which Beccaria  
 increasing importance. At this time, **however**, the **PROBLEM** was almost certainly one of finding outlet

*However, the central problem remains  
 There is, however, a persistent problem  
 However, it is in X that the major problem lies  
 However, the problem can by no means be dismissed  
 However, it does highlight the major problem  
 a special and limited problem*

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## BNC collocates



The screenshot shows the BNC search interface with the following details:

- Search Interface:** Includes tabs for 'SEARCH' and 'FREQUENCY'. The search term is 'problem' and the collocates are 'however'.
- Search Results Table:**

ID	Source	Collocates	Text Snippet
5	EES W_ac_tech...		and represents approximately 300,000 words from each of the 10 superfields. However, the problem does not end there, since within ea
6	APN W_ac_polit...		between and were savagely pruned back. Constant supervision of seedling trees was also a problem. However, this technique was better
7	B2P W_ac_polit...		words retentis tibi hortis meis into a trust. Even then, however, the problem remains that there is no instruction to Maevius in favour of!
8	B2P W_ac_polit...		, and this is why the two nurses apply for a third each. The problem, however, is that the appointment of a curator in a will is a
9	CLW W_ac_polit...		as equal partners in the attempts both to investigate and find solutions to the GIST problem. However, very few of the teachers even rec
10	CMB W_ac_polit...		the difficulty of examining a process as complex as that of mass communication. The problem is, however, that to examine their' impact
11	FA3 W_ac_polit...		employment-oriented; in our terms, from general to generic courses. However, the problem is to what extent the unemployment proble
12	FAM W_ac_polit...		teacher effectiveness. No one would deny the value of this. There is another problem however. This time the difficulty lies not in the tern
13	FDD W_ac_polit...		patient, but can seek to persuade him to alter that decision. However this problem will usually arise at that time when this can not be do
14	FP2 W_ac_polit...		balance between production for present consumption and growth. There is, however, a problem with this theoretical account, which is tl
15	FSS W_ac_polit...		fact result' -- as a basis for future development of the law. The problem remains, however, of how this should be implemented. One pos:

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## Problem-Solution: Transition between the moves

***There has been much investigation in Mathematics into how to solve the problem efficiently as well as optimally. My original algorithm provides a quick and intuitively simple method for solving the problem.***

1. Description of a situation
2. Identification of a problem
3. Description of a solution
4. Evaluation of the solution

Swales, J. M., & Feak, C. B. (2009). *Academic writing for graduate students: Essential tasks and skills* Ann Arbor, MI: University of Michigan Press, p 85

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Problem-Solution pattern: Describing the problem, evaluating the solution

1. Description of a situation
2. Identification of a problem
3. Description of a solution
4. Evaluation of the solution

Swales, J. M., & Feak, C. B. (2009). *Academic writing for graduate students: Essential tasks and skills* Ann Arbor, MI: University of Michigan Press, p 85

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*because*

Adverbials of result/ inference are used to  
'to connect the writer's claim to  
supporting facts' Biber et al.(1999: 881).

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## problem + because in Lextutor

Keyword(s): equals  Max Chars(22) In corpus: BAWE Written All\* (8m)  Info  
 OPTION: With associated word(s)  within  words to  side

Click any **KEYWORD** for more context

001.  the latter circumstance is seen by many DCs as a **PROBLEM** **because** they in their opinion they tend to [agriculture]  
 002.  ging a cow dairy farm. Processors can be the main **PROBLEM** in this business **because** they pay low pric [agriculture]  
 003.  ble in the agricultural industry. This is a major **PROBLEM** **because** often businesses such as farms wil [agriculture]  
 004.  d the Datahand is \$1295 **because** they approach the **PROBLEM** of RSI from different directions and with [business]  
 005.  of working with a Venture Capitalist company. The **PROBLEM** of dilution is **because** the Venture Capital [business]  
 006.  not seem to be any audio feedback. This can be a **PROBLEM** **because** if you set the times there is noth [computer\_sci]  
 007.  ation should be put into a kind of order. In this **PROBLEM**, **because** the target is to search the peak [computer\_sci]  
 008.  ure of MLPs are not completely constrained by the **PROBLEM** in focus.This is **because** the number of inp [cybernetics]  
 009.  architecture is not completely constrained by the **PROBLEM**. This is **because** the number of inputs node [cybernetics]  
 010.  it was functioning as required. This was a great **PROBLEM** **because** it was essentially a learning proc [cybernetics]  
 011.  political organisation **because** of the free-rider **PROBLEM**, they are known to happen. Therefore the g [economics]  
 012.  ideration for real economic outcomes and that the **PROBLEM** comes **because** the target of these economic [economics]  
 013.  short run and vertical in the long run. This is a **PROBLEM**, **because** it would be beneficial for a gove [economics]  
 014.  reliable than Gearing ratio for it overcomes the **PROBLEM** of year-end "manipulation" **because** of the [engineering]  
 015.  for the genetically modified crop. This is a big **PROBLEM** **because** one of the benefits of genetically [food\_science]  
 016.  le vitamins Niacin, B6 and B12 does not present a **PROBLEM** **because** they are simply excreted Too littl [food\_science]  
 017.  the group was everybody's motivation to work. The **PROBLEM** seemed to occur **because** it could never be [health]  
 018.  always clear what the root cause of a particular **PROBLEM** was. This was **because** of the fluctuating s [law]  
 019.  re American or British companies. This presents a **PROBLEM** **because**, since the definition of mercenary [law]  
 020.  ocus-on-form, which can arise either **because** of a **PROBLEM** of communication or **because** of the occurre [linguistics]  
 021.  or Nietzsche, was an important topic **because** "the **PROBLEM** of the value of pity conjures up doubt, mi [philosophy]  
 022.  Guardian not behaving in this way would not be a **PROBLEM** for Plato, **because** he would be able to pro [philosophy]  
 023.  should be a question as "do we need to solve the **PROBLEM** of induction?" **because** to ask whether indu [philosophy]  
 024.  f the world our ideas resemble their causes. This **PROBLEM** arose **because** Locke felt it necessary to c [philosophy]  
 025.  ambling and after-gambling will not be as high as **PROBLEM** gamblers. **Because** normal people do not fee [psychology]  
 026.  ant for the study of women, **because** it solves the **PROBLEM** of centuries of ignoring women in research [sociology]  
 027.  tic consciousness, never getting to the root of a **PROBLEM**, **because** you can not identify the problem [sociology]  
 028.  ough food grown in your country to feed you. The **PROBLEM** arises **because** our current global food mar [sociology]  
 029.  d it. On this point, the Chinese posed a worrying **PROBLEM** for the planters **because** they began to org [us\_studies]

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In the corpus of professional writing '95% of the tokens for problem ... fall into a causal category' whereas in students' corpus 'only 32% of the tokens occur in a causal relation'

Flowerdew (2003: 499).

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## Problem-solution pattern: Supporting claims

This **problem arises because each grid cell can only have a single attribute value and because the chosen grid dimensions are too large to resolve the spatial detail required.** One answer is to use a finer grid to achieve finer detail (Walsh et al. 1987), but this causes a corresponding increase in the size of the database.

Problem +  
reasons

Solution

Evaluation of  
the solution

1. Description of a situation
2. Identification of a problem
3. Description of a solution
4. Evaluation of the solution

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## Problem-Solution pattern: Evaluating the solution

1. Description of a situation
2. Identification of a problem
3. Description of a solution
4. Evaluation of the solution

Swales, J. M., & Feak, C. B. (2009). *Academic writing for graduate students: Essential tasks and skills* Ann Arbor, MI: University of Michigan Press, p 85

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## Evaluating the solution

Home > Concordance > English > Input

**Web Concordance English v.8.3**

» With sub-sort on \*asterisked\* corpora

French German Spanish English

Base Speed  $\approx$  1/2 second per million words of corp  
Add more for associated words, family search, sub-corpus count's wildcar

Keyword(s): equals solution Max Chars 22 In corpus: Academic General (6m) Info

OPTION: With associated word(s) within 4 wc  
and NONE of these words anywhere in text

CONTROLS

Sorted By **Choose left** Word OR Line Width 100 Number of Lines 25,000

Left  
Right

EuroCALL, Online Gathering, 20-21 August 2020 69

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## Varying strength of claim: *solution*

ng *definitive* asses. (A satisfactory SOLUTION was not to be reached until the work of H  
re *critical* with an 80% saturated SOLUTION of \*\*f, dissolved in a small quantity of  
ro *convincing* ri's pianos. Schantz's SOLUTION to the problem of the check in his grand  
in *credible* g settings. The second SOLUTION is to regard linguistic knowledge or comp  
un *successful* adopt an over - simple SOLUTION to the problem, always preferring one sou  
me *desirable* s formed: the simplest SOLUTION is to repeat the first phrase exactly as  
u *acceptable* st. Drain off the soap SOLUTION of the suds cycle at such a time that the  
d *suitable* 1883). Planes of soap SOLUTION have the property that only three can int  
h *perfect* early anti - socialist SOLUTION". On 15 June, after further demonstration  
is *workable* ich required a special SOLUTION. Still, the application of different prin  
f *perceived* l base and the states' SOLUTION was to modernize and diversify (see North  
ia *unexplored* apparently successful SOLUTION. Argentina's José Ingenieros, for exampl  
ma *temporary* ew data sets. One such SOLUTION is Goodchild and Yang's (1989) scheme for  
ce *tentative* infusion of a sucrose SOLUTION. Control subjects experienced the critica  
of *unsatisfactory* 88), but the suggested SOLUTION - the separation of "purchasers" and "con  
e tentation to a suitable SOLUTION. A number of test areas have been investi  
m o provide a systematic SOLUTION. The proposed methodology is elaborated b  
-a e dynamical system. The SOLUTION of linear systems is an ancient and inexh  
ea *art of the same country. This is only a temporary SOLUTION and there have been many attempts to orga*  
t attempt in developing an information technology SOLUTION focused on executive's needs. To underst  
art of the same country. This is only a temporary SOLUTION and there have been many attempts to orga

70

## Strength of claim

### *Solution*

#### Strong

*critical*  
*convincing*  
*credible*  
*definitive*  
*successful*  
*effective*  
*optimal*  
*perfect?*

#### Cautious

*acceptable*  
*suitable*  
*temporary*  
*tentative*  
*workable*  
*possible*

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## *Perfect solution?*

### Working out patterns of usage

lands. Rome clearly never found a perfect SOLUTION for this problem: eventually practice." Of course there is no perfect SOLUTION I had the easy choice of re-

Academic General

migration to America seemed like the perfect SOLUTION. Initially, many of those who wa he HFEA 1990. Yet the latter is not a perfect SOLUTION since there are still aspects pr though "best practice" seems like the perfect SOLUTION, companies find it hard to imple-

BAWE

abroad. None has found the perfect SOLUTION but the debates on the '

BNC Medicine

H0K	W_ac_humanities_arts	🔊	🔊	🔊	and trade in conquered lands. Rome clearly never found a perfect solution for this problem : eventually she had to face the
EA1	W_ac_medicine	🔊	🔊	🔊	in the United Kingdom and abroad. None has found the perfect solution , but the debates on the Tomlinson report provide an
A0K	W_ac_soc_science	🔊	🔊	🔊	were resolved in practice. Of course there is no perfect solution : I had the easy choice of remaining silent , or
A62	W_ac_polit_law_edu	🔊	🔊	🔊	television channels might be a more attractive if less than perfect solution . It would give the viewer freedom of choice , even

BNC-English corpora

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## The best solution?

with testing in the wind tunnel remains the **best SOLUTION** for the aerodynamics department. Discuss [engineering] als and offer alternatives in order that the **best SOLUTION** is found. The process includes interested [politics] an time in the system, so this appears to be **best SOLUTION**. Of course, simply comparing point estima [business] cations of Scenario 9 In order to select the **best SOLUTION**, Common Random numbers are being used in [business] ese need to be analysed in order to find the **best SOLUTION**. In an economic sense, scheme A would be [architecture] he Proposal Microsoft Office seems to be the **best SOLUTION** for the Wye Valley Hospice and the Carhol [computer\_sci] hows that decentralisation is not always the **best SOLUTION** to development: a central state may be ne [politics] ogy and links to the High Street Agents. The **best SOLUTION** is therefore through a combination of mit [business] products across the countries may not be the **best SOLUTION** to compensate the lack of surplus, becaus [agriculture] rios to each other and see which offered the **best SOLUTION**. Table 6: 6 confidence interval compariso [business] s were found in style and navigation and the **best SOLUTION** to eliminate them would be to redesign th [computer\_sci] tentions of directors of education seems the **best SOLUTION**. However as an overhaul of the primary sc [psychology] tion. For maintenance purposes, however, the **best SOLUTION** would be pressure joints with bolted clam [engineering] tively seek the counselling she feels is the **best SOLUTION** for her. The variable experience has had [medicine] who felt that the proposal did not offer the **best SOLUTION** or, as some said, any improvement. These [engineering] y or require more time, but may still be the **best SOLUTION** to meet the needs. Such as decision, howe [engineering]

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## Counter-argumentation



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## Anticipating criticism

‘Successful research writers construct texts by taking a novel point of view toward the issues they discuss while **anticipating readers’ imagined reactions to those views**’

(Hyland, Jiang 2016 p 251).

Charles (2007) considered similar rhetorical functions of anticipated criticism and writers’ defence as a two-move rhetorical pattern: anticipating-defence.

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## Counter-argumentation

In counter-argumentation, the line of reasoning followed by the writer commonly incorporates three main moves (*plus signalling*):

1. considering possible opposing views or counter-arguments  
*(signalling the non-acceptance of these views)*
2. contesting or refuting the counter-arguments
3. reiterating one’s own argument/ providing support

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Home > Concordance > English > Input

## Web Concordance English v.8.3

With sub-sort on \* asterisked \* corpora  
French German Spanish English

Case Speed ≈ 1/2 second per million words of corpus  
Add more... associated words, family search, sub-corpus count/sort, wildcard...

Keyword(s): equals  Max Chars(30) In corpus: Academic General (6m)

Wild card search

Click on a keyword to see extended context

ONE can argue for the promotion of the interests of the community. ONE can argue that the development of the hierarchy: until that time ONE can argue that its evolution is carefully reasoned, can only be assumptions. ONE can argue with Coerny's opinion that the development of the hierarchy is widely regarded as doubtful. Certainly, ONE cannot argue that all countries are equally well off. The Vietnamese people all that well either, ONE could argue that at a time when the prospects of the world might prove mutually beneficial. Similarly, ONE could argue that the relationship between the two nations on an interpersonal level. In this case ONE could argue that I and you would automatically imply the interaction between them). Even so, ONE could argue that it is necessary for sociological purposes in Minsky's memorable phrase, meat machines. ONE could argue that this is a strong assumption of utility. The land going for new (incomers') housing. ONE could argue that such complaints constitute a serious rate that women were as fully human as men, or ONE could argue that the philosopher's thought for individuals: that is X's song. Similarly, ONE could argue that the saturation of nineteenth-century geographies, they have striking parallels. ONE could argue that the similarity is coincidental. Children as their particular responsibility, ONE could argue that they need practical day to day. Wordsworth writes of In The Prelude (though ONE could argue that Wordsworth is writing after the fact). And so he drifts towards vanishing point. ONE may argue about everything endlessly, but from a practical one rather than a practical one. Whatever ONE may argue for the value of research findings which differ in the sense in which rising is used. ONE might argue from this that mind simply referred by others. To put the case far too bluntly, ONE might argue that a fifteenth-century scholar's static ways of indicating status. In these terms ONE might argue that some languages give away more about ways they do not have parity. Of course, ONE might argue that working-class women's tendency of language but of non-linguistic content. ONE might argue then that the effectiveness of language. A COMMUNIST OFFENSIVE IN SOUTH EAST ASIA? ONE could argue, then, that by July 1949 the battle was still under Chinese occupation and here ONE might argue, cynically, that the French Union

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## Patterns of counter-argumentation (Lextutor): *one can argue*

presenting a possible counterargument

**Even though one can argue that some of these choice criteria are not really a safeguard for public investment at all, the reality is that a practice has a slim chance of securing the job in this way unless it has a proven track record** (BAWE, Architecture, Lextutor).

signalling the author's disagreement and refutation to follow

refuting the counterargument

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## Patterns of counter-argumentation (BNC, KWIC): *Some critics*

	CLICK FOR MORE CONTEXT	HELP	SAVE	TRANSLATE	ANALYZE
1	CS3 W_ac_soc_sci	Q	Q	Q	Q
2	FT0 W_ac_medicine	Q	Q	Q	Q
3	CS3 W_ac_polit_law_edu	Q	Q	Q	Q
4	GUV W_ac_polit_law_edu	Q	Q	Q	Q
5	J53 W_ac_soc_sci	Q	Q	Q	Q
6	CAW W_ac_humanities_arts	Q	Q	Q	Q
7	H9F W_ac_soc_sci	Q	Q	Q	Q
8	CAW W_ac_humanities_arts	Q	Q	Q	Q
9	EDH W_ac_soc_sci	Q	Q	Q	Q
10	GWM W_ac_humanities_arts	Q	Q	Q	Q
11	B16 W_ac_soc_sci	Q	Q	Q	Q
12	F56 W_ac_soc_sci	Q	Q	Q	Q
13	J57 W_ac_polit_law_edu	Q	Q	Q	Q
14	EFA W_ac_humanities_arts	Q	Q	Q	Q
15	CAW W_ac_humanities_arts	Q	Q	Q	Q
16	CAW W_ac_humanities_arts	Q	Q	Q	Q
17	CLS W_ac_soc_sci	Q	Q	Q	Q
18	GUV W_ac_polit_law_edu	Q	Q	Q	Q
19	F56 W_ac_soc_sci	Q	Q	Q	Q
20	J7G W_ac_soc_sci	Q	Q	Q	Q
21	A6F W_ac_polit_law_edu	Q	Q	Q	Q
22	CLY W_ac_polit_law_edu	Q	Q	Q	Q
23	CLS W_ac_soc_sci	Q	Q	Q	Q
24	A04 W_ac_humanities_arts	Q	Q	Q	Q
25	CRV W_ac_humanities_arts	Q	Q	Q	Q
26	A1B W_ac_humanities_arts	Q	Q	Q	Q

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## Patterns of counter-argumentation (BNC, KWIC): *Some critics argue that*

*Some critics also argue that there is a direct link between hospital closures and widespread homelessness and vagrancy, but this argument is not borne out by research. The Team for the Assessment of Psychiatric Services has shown, for example, that 'long stay' and 'new long stay' patients generally do well when they are discharged into the community.*

presenting a possible counterargument

Signal of the author's disagreement and refutation to follow

support

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Thank you!

Have you got any questions?



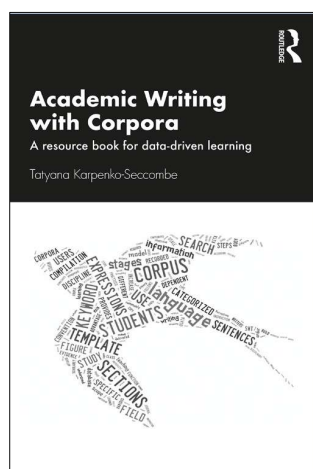
Tatyana Karpenko-Seccombe

University of Huddersfield

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Similar suggestions for tasks can be found  
in my recent book  
**Academic Writing with Corpora**



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## References

- Ädel, A. (2010). Using corpora to teach academic writing: Challenges for the direct approach. *Corpus-based approaches to English language teaching*, 39-55.
- Boulton, Alex. "DDL is in the details... and in the big themes." In *Corpus Linguistics Conference: CL2007*, (2007). hal-00326994 <https://hal.archives-ouvertes.fr/hal-00326994>
- Biber, Douglas, Ulla Connor, and Thomas Upton. "Discourse on the Move." *Using corpus analysis to describe discourse structure* (2007).
- Boulton, A. (2010). Learning outcomes from corpus consultation.
- Charles, Maggie. "Reconciling top-down and bottom-up approaches to graduate writing: Using a corpus to teach rhetorical functions." *Journal of English for academic purposes* 6, no. 4 (2007): 289-302
- Carter, R. & McCarthy, M. 1995. "Grammar and the spoken language". *Applied Linguistics*, 16 (2), 141–158.
- Charles, Maggie. "Using hands-on concordancing to teach rhetorical functions: Evaluation and implications for EAP writing classes." *New trends in Charles, Maggie. "Adverbials of result: Phraseology and functions in the Problem–Solution pattern." Journal of English for Academic Purposes* 10, no. 1 (2011a): 47-60
- Charles, Maggie. "Adverbials of result: Phraseology and functions in the Problem–Solution pattern." *Journal of English for Academic Purposes* 10, no. 1 (2011b): 47-60.
- Cobb, T. (2010). Instructional uses of linguistic technologies. *The Procedia – Social and Behavioral Sciences*, 3, 14-23.
- Flowerdew, L. (2003). A combined corpus and systemic-functional analysis of the Problem-Solution pattern in a student and professional corpus of technical writing. *TESOL Quarterly*, 37 (3), 489–511
- Henry, A. (2007). Evaluating language learners' response to web-based, data-driven, genre teaching materials. *English for Specific Purposes*, 26(4), 462-484.
- Hunston, Susan. *Corpora in applied linguistics*. Cambridge University Press: Cambridge, 2002.
- Hylland, K. (2016). Conveying a stance in academic texts. *Teaching English grammar to speakers of other languages*, Hinkel (ed.) 246-265.
- Hylland, K., & Jiang, F. (2016). Change of attitude? A diachronic study of stance. *Written communication*, 33(3), 251-274.
- Karpenko-Seccombe, T. (2018). Practical concordancing for upper-intermediate and advanced academic writing: Ready-to-use teaching and learning materials. *Journal of English for Academic Purposes*, 36, 135-141.
- Karpenko-Seccombe, T. (2020). *Academic Writing with Corpora: A Resource Book for Data-driven Learning*. Routledge
- Marco, M. J. L. (2010). Analysis of Organizing and Rhetorical Items in a Learner Corpus of Technical Writing. *Corpus-based approaches to English language teaching*, 79.
- Petric, B. (2005). Contrastive rhetoric in the writing classroom: a case study. *English for Specific Purposes*, 24(2), 213–228.
- Poole, Robert. "A corpus-aided approach for the teaching and learning of rhetoric in an undergraduate composition course for L2 writers." *Journal of English for Academic Purposes* 21 (2016): 99-109.
- Römer, U. (2009). The inseparability of lexis and grammar: Corpus linguistic perspectives. *Annual Review of Cognitive Linguistics*, 7(1), 140-162.
- Rosenwasser, D., & Stephen, J. (2011). *Writing analytically*. Cengage Learning.
- Swales, J. M., & Feak, C. B. (2009). *Academic writing for graduate students: Essential tasks and skills* Ann Arbor, MI: University of Michigan Press, p 244

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## Corpus tools and corpora

Cobb, T. Lextutor concordancer. Available at [lextutor.ca/conc/eng/](http://lextutor.ca/conc/eng/)

Davies, Mark. (2004-) *British National Corpus* (from Oxford University Press). Available online at <https://www.english-corpora.org/bnc/>

Nesi, Gardner, Thompson & Wickens, BAWE (used in Lextutor) British Academic Written English corpus, developed at the Universities of Warwick, Reading and Oxford Brookes [coventry.ac.uk/bawe](http://coventry.ac.uk/bawe)

MICUSP Michigan Corpus of Upper-level Student Papers (2009). Ann Arbor, MI: The Regents of the University of Michigan. Available at [micusp.elicorpora.info/](http://micusp.elicorpora.info/)

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