7 Things Pendergrass Library Can Do For You

UT Extension Research Guide: http://libguides.utk.edu/utextension

Pendergrass Library is here to help save you time, provide access to the information you need, and make the research process as easy as possible. Here are just a few of the services we provide:

1. Research Consultation

Overwhelmed by too much information? Have a suspicion you are missing critical articles? Your subject librarian is Peter Fernandez (pfernand@utk.edu).

We can help you identify and locate additional sources of information, develop effective search strategies to reveal more relevant information from the sources you have, or simply evaluate the reliability of resources.

2. We bring our physical collection to you

Any of the 200,000 items in our collection, along with the millions of additional volumes elsewhere in the UT system can be brought directly to you (http://www.lib.utk.edu/request/library-express/). We can also send you items from other libraries if we don’t have them in our collection. Make sure to sign up for ILLiad!

3. Access to our Virtual Library anywhere

We have a research guide just for Extension Station staff at http://libguides.utk.edu/utextension, and our catalog is at http://www.lib.utk.edu/catalog/. These are two great starting points for your research and great time savers.

4. Request something we don’t have

Interlibrary loan gives you access to items from other libraries around the world.

If you have identified materials or subject areas important to your research that you think the library should own, do not hesitate to contact us and make a suggestion!

5. Help you manage your citations

Once you have found resources, how do you keep track of them all?

Generate and share bibliographies with a click or cite items within a paper using either Endnote or Zotero. They take the detail work out of collecting, organizing and citing so that you can focus on the content.

6. Need to know something else? Anything else?

Have a question about copyright? Want to find information on a patent? Want to learn about open access publishing and how UT libraries can help fund your publication in an open access journal? Need to know how much wood a woodchuck can chuck?

7. No excuses - Contact us however you like!

We strive to be accessible wherever you are. Instant chat is available on the left hand side of every page whenever the library is open. Our friendly and knowledgeable staff can be contacted by e-mail (agvetlib@utk.edu), phone (865) 974-7338, or even fax (865)-974-4732!

You can also follow us on Facebook or Twitter, see our videos at YouTube, and much more! So if you have any questions, do not hesitate to Contact Us!
Database Search Strategy Worksheet*

1. State your research topic as accurately and completely as you can at this point in the search process:
__________________________________________________________________________________________
__________________________________________________________________________________________

2. Circle the key concepts above. List key concepts on left and synonyms on the right.

<table>
<thead>
<tr>
<th>Key Concept</th>
<th>Synonyms, brand names, generic names, abbreviations or alternate ways of phrasing</th>
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3. Structure Your Search Statement: use the chart above to structure a search statement using the Boolean Connectors AND, OR: AND to connect concepts. OR to connect synonyms.

4. Search: Match your topic to the appropriate database(s): [http://www.lib.utk.edu/databases/](http://www.lib.utk.edu/databases/)

5. Evaluate Your Results: For example: Look for new synonyms and try another search using them. Consider using limits—by date, species, subject area, etc.
Tips You Should Know When Using Google Basic Search…. Far From Basic!

1. Common words are ignored by Google, except as part of a string. Examples: a, about, above, so, of, at, below, etc.

2. For compound Words, Phrases, and Names, use a String (in other words put the words in quotes “”). Example: “George Washington” “Fort Wayne” “to be or not to be” “United States of America” “Star Wars” “Diary of a Wimpy Kid”

3. If you want to eliminate a word, use the Not Command which is a – (minus sign). Example: when looking for the country Turkey, but not the bird: Turkey -bird

4. Capital Letters and articles of speech are ignored unless put in quotes. Example: United States of America is treated as united states america but “United States of America” is treated as United States of America

5. The root form of a word searches all forms of the word. Example: walk = walks, walker, walking, walked

6. Putting a plus (+) in front of word to keep it exactly as is. This dismisses adding other options to root word. Example: +walk (only walk: does not include walker, walks, walking, walked)

7. Wild Card (*) allows for missing words in a phrase (not missing letters), in case you forget a word in a title or quote, try a wildcard. Example: “Obama voted on the * on the * bill” Note this is mixed with the string concept.

8. The word OR (in caps) allows two ideas to be reported together. Example: “Indianapolis Colts” 2010 OR 2009

9. Get to know the Google Command Lines. These are useful for quick references in a Basic Google Search. Give them a try and experience the power in narrowing down a search. The list of over twenty starts with some real power suggestions and ends with some everyday useful ideas.
Google:

**What You Want**

A report on the different air speed velocities of common swallows.

**How To Google It**

Don’t ask Google questions. Think about how an answer would be phrased, and search for that (ie, never search for ‘What is the air speed velocity...’).

- **filetype:** Searches only results of the file type you designate. Can use for pdf, doc, jpg, etc.
- **intitle:** Only shows results with that word in the title (in this case, ‘velocity’).

```
filetype:pdf air speed intitle:velocity of *swallow
```

- Replaces itself with common terms in your search (in this case, Red Rumped swallow and Lesser Striped swallow will both be searched, along with many others).

Google Scholar:

**What You Want**

Papers about photosynthesis by Dr. Ronald L. Green and Dr. Thomas P. Buttz.

**How To Google It**

- **author:** This will search for papers by Green rather than papers involving the word ‘green.”
- “” For more specific results, you can put the authors full name or initials in quotes.

```
author:green photosynthesis “tp buttz”
```

Just like a normal Google search, this is where the topic you’re looking for goes.