

W1: Information Does Exist Beyond the First Page of Your Google® Search!

American Academy of Forensic Sciences Las Vegas, NV (February 22, 2016)



Case Examples 1

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Washington State Patrol









Question to Research

What are the effects of mouth alcohol on breathalyzer tests?

An Improved Forensic Science Information Search

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Recap of resources and techniques















Google operators:

mouth alcohol

mouth AND alcohol
mouth OR alcohol
"mouth alcohol"
"mouth alcohol" ext:pdf
"mouth alcohol" ext:ppt
"mouth alcohol" -lawyers
"mouth alcohol" site:.gov or site:.edu
"mouth alcohol" site:nhtsa.gov



To return specific file types:

ext:pdf ext:ppt

impaired driving ext:pdf

To search specific types of websites:

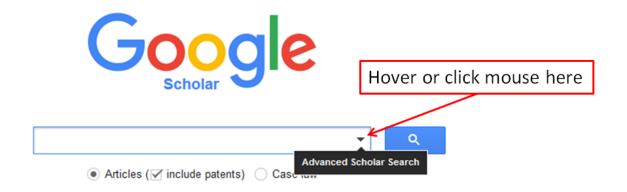
site:.gov site:.edu

impaired driving site:nhtsa.gov



Using ext:pdf in Scholar will often retrieve different full-text articles than Google

Accessing Google Scholar Advanced Search

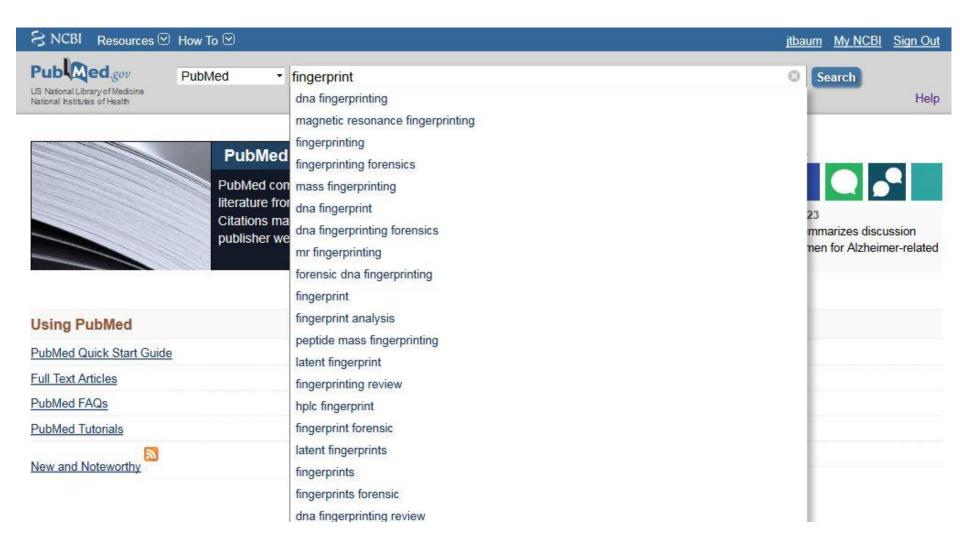


Google books	Advanced Book Search		
Find results	with all of the words with the exact phrase		
	with at least one of the words without the words		
Search: Content:	All books	Full view only	Google eBooks only

You must search for "Google Books Advanced Search" to access it!

Google	2 books Advanced Book	k Search			
Find results	with all of the words with the exact phrase with at least one of the words without the words	10 results ▼ Google Search			
Search:	All books				
Content:	All content				
Language	Return pages written in	any language ▼			
Title	Return books with the title				
Author	Return books written by	e.g. Books and Culture e.g. Hamilton Mabie or "Hamilton Wright Mabie"			
Publisher	Return books published by				
Subject	Return books on subject	e.g. O'Reilly			
		e.g.Medieval History or "Medieval History"			
Publication Date	 Return content published anytime Return content published between 	● g. 1999 and 2000, or Jan 1999 and Dec 2000			
ISBN	Return books with the ISBN				
ICCH	The state of the s	e.g. 0060930314			
ISSN	Return serials with the ISSN				
		e.g. 0161-7370			

Using PubMed to determine keywords



Lessons Learned

- Publicly accessible databases and search engines can be incredibly useful
- Never rely on only one resource. Using multiple resources is essential to quality results
- Using search operators can dramatically improve your search results
- Spend time to learn about the advanced features and techniques for each resource
- Work to find the specific terminology used in the scientific literature. Using PubMed search box prompts can be useful.

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