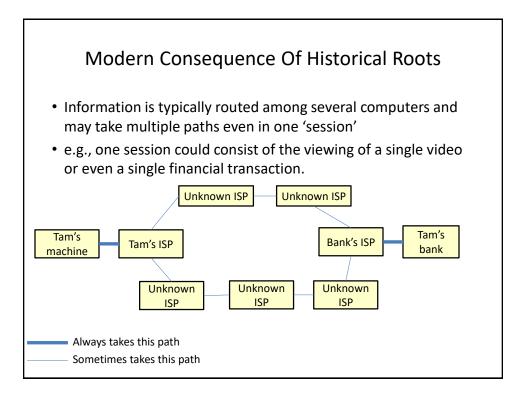
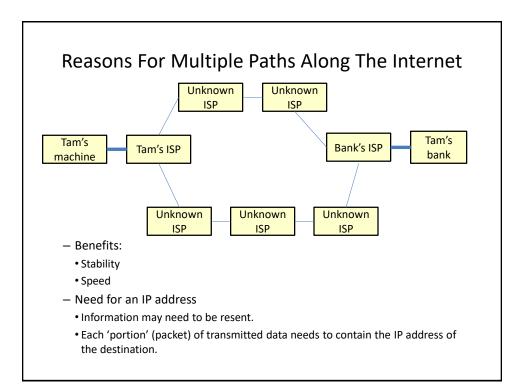
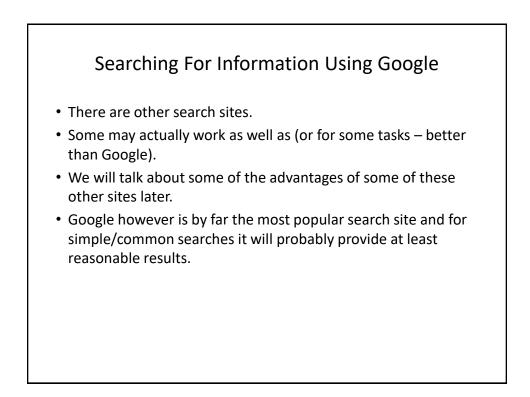


### Internet Addresses

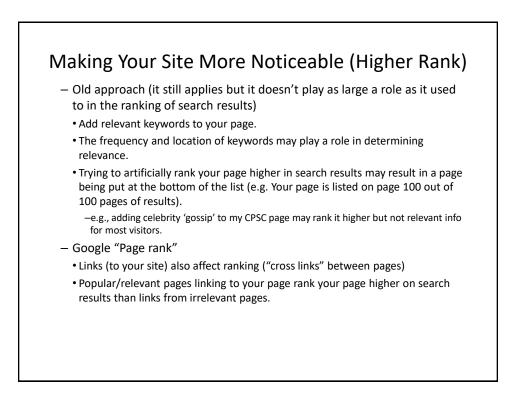
- · You are not anonymous on the Internet
  - Don't think you can 'troll' (or do worse things) online with impunity
  - Methods of masking/disguising an IP address (e.g. "Tor") aren't infallible
- Each node (connected device) on the Internet has an address so that information can reach it "IP address" or "IP" for short.
- The address takes the form of a sequence of numbers
- But usually a more meaningful address is used in place of the numeric IP address by users.
  - e.g. www.facebook.com
- The IP address of your Internet devices at home is provided by your Internet service provider/ISP (e.g. Shaw, Telus etc.).
  - Using a free Wi-Fi network will allow your device to get an IP address from the host of that network.







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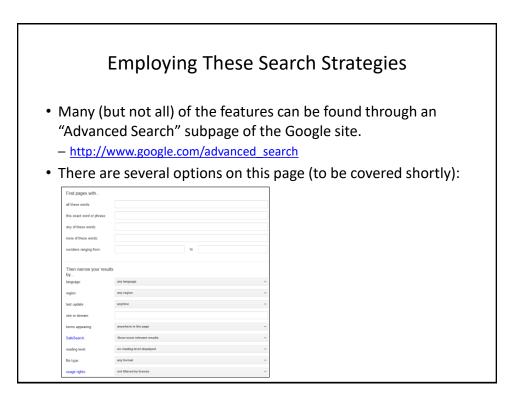


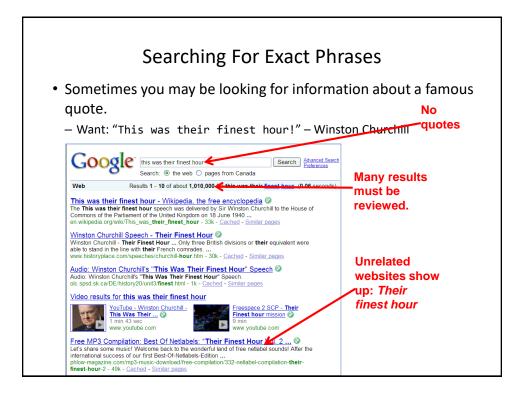


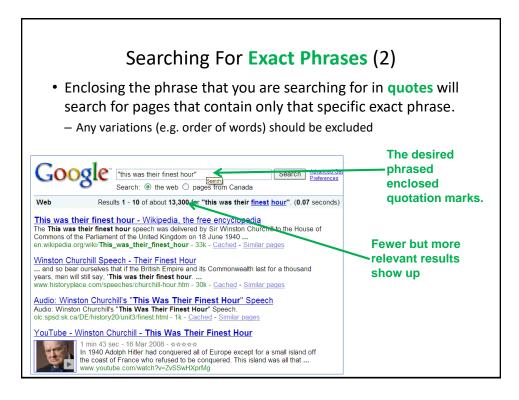
You Will Learn Strategies For Narrowing Your Search Results (This Is For Google But Largely Applies To Other Sites):

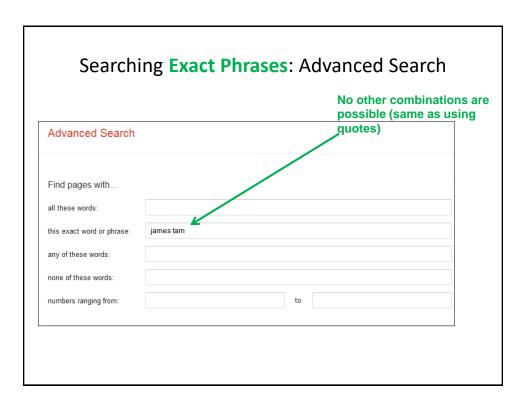
- 1. Reducing the number of unrelated results.
- 2. Explicitly avoiding pages with certain words.
- 3. Searching for information from select pages.

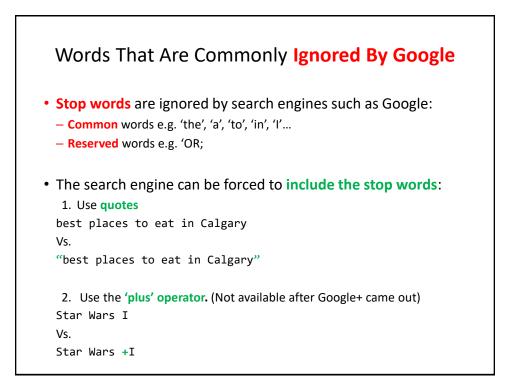
Source (last accessed 2009): http://www.google.com/support/websearch and http://www.googleguide.com

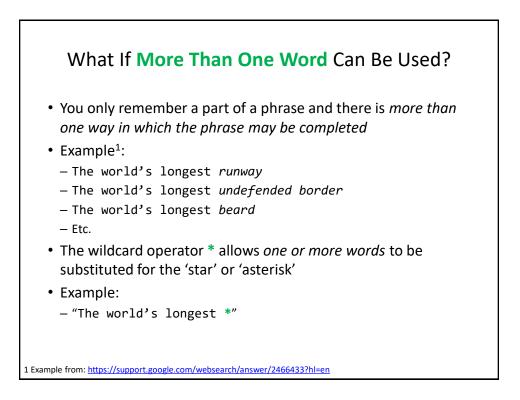


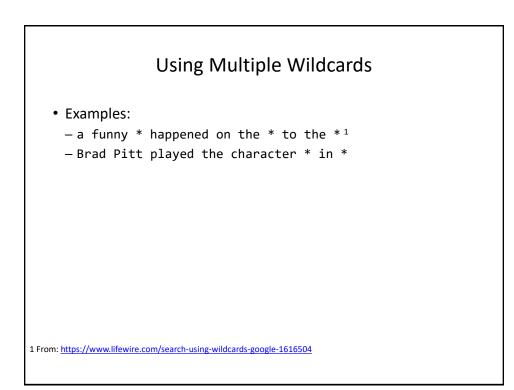


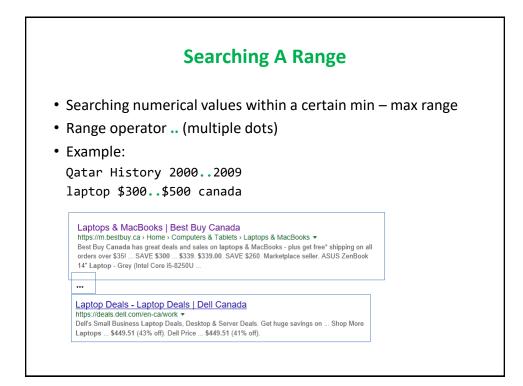


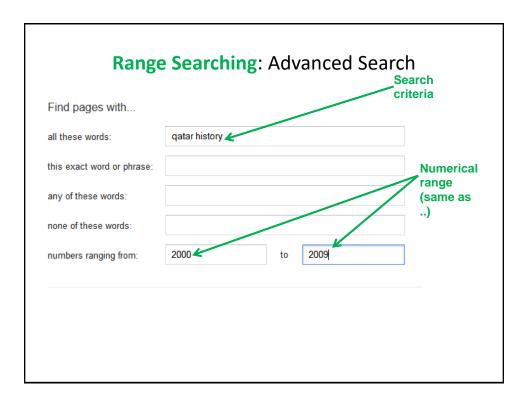


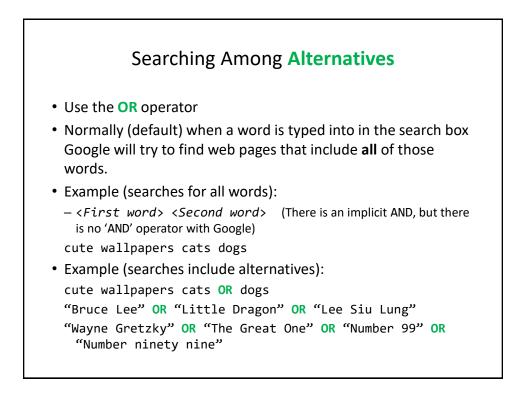




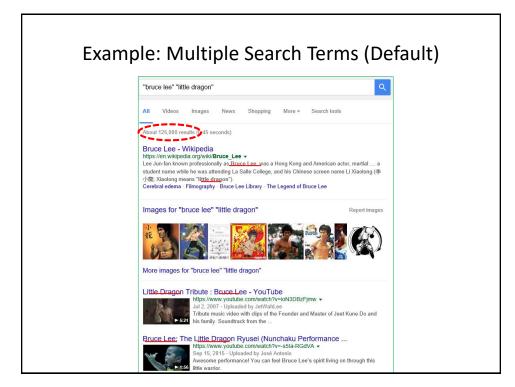


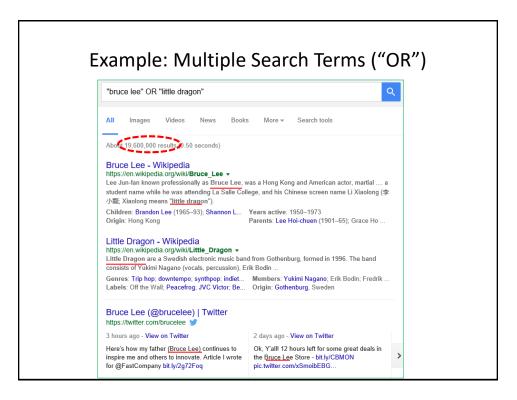


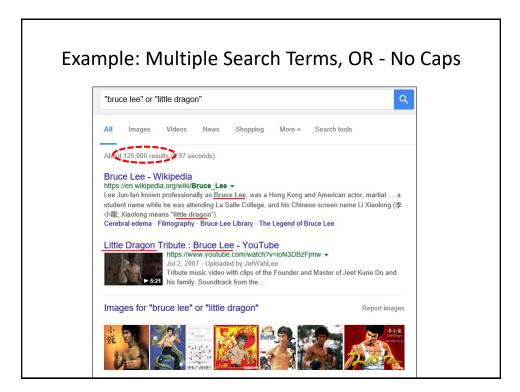




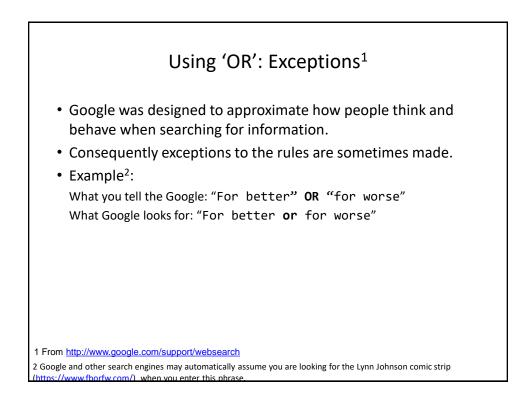
Searching Among Alternatives (2)
<ul> <li>Note: Google is case sensitive in this situation! (OR must be upper case in order to search for alternatives).</li> <li>The following searches are not identical!</li> </ul>
To be or not to be
Vs.
To be <b>OR</b> not to be

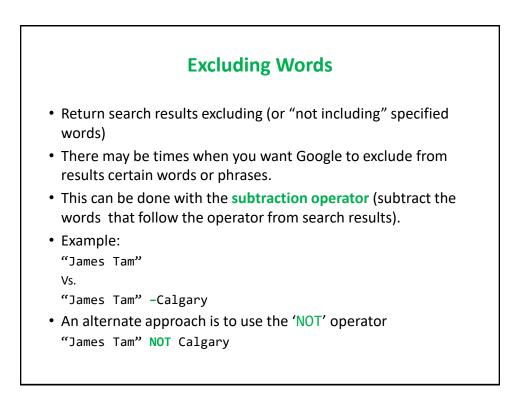


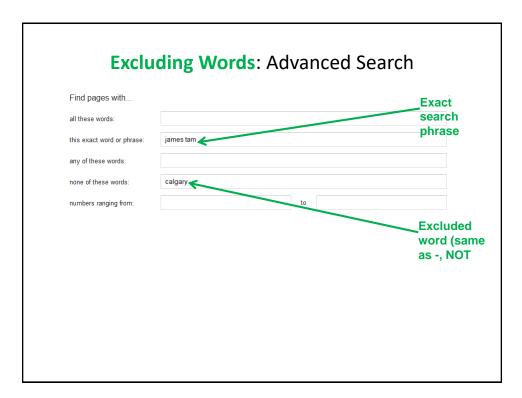




all these words: Cute wallpapers this exact wording or phrase: one or more of these words: cats But don't show pages that have any of these unwanted words:	DR dogs	OR	tip tip	must appear same as "AND
one or more of these words: cats But don't show pages that have	DR dogs	OR		same as "AND
But don't show pages that have	OR dogs	OR	tip	
any of these unwanted words:				
			tip	One or more
Need more tools?				of these word
Results per page: 10 results	~			can appear
Language: any language	~			(same as
File type: any format	*			N
Search within a site or domain:				"OR")
(e.g. youtube.com, .edu)				
Date, usage rights, numeric range, and more				
		Advanced S	earch	







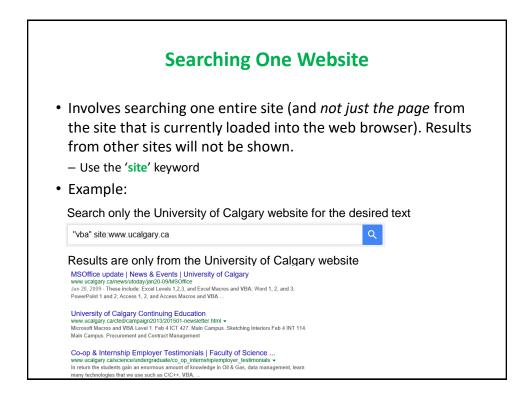
# Example Results: AND, OR, Subtraction (NOT)

Search phrase	Operator	~num. results
"james tam"		63,200
"james tam" - "computer science"	NOT	49,300
"james tam" AND "computer science"	AND	13,400
"james tam" OR "computer science"	OR	229,000,000

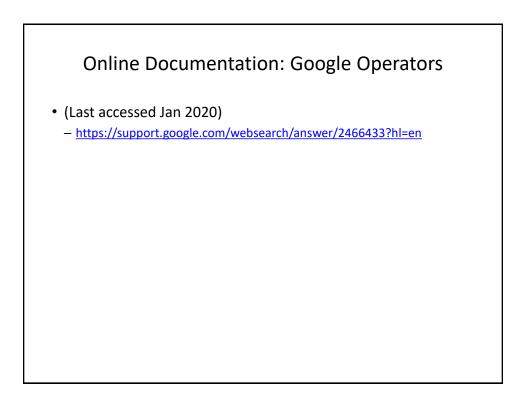
### Site Specific Searches

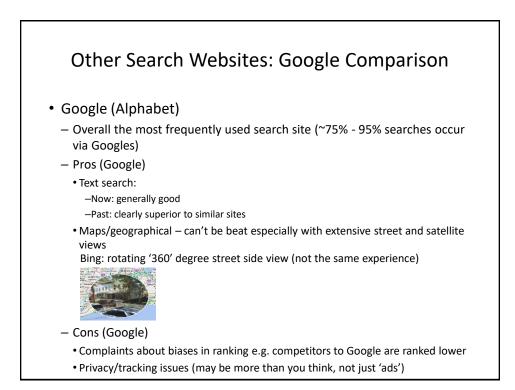
- Useful when a webpage is large and/or not well organized:
  - Searching the current webpage
  - Searching the entire site (and only that site)

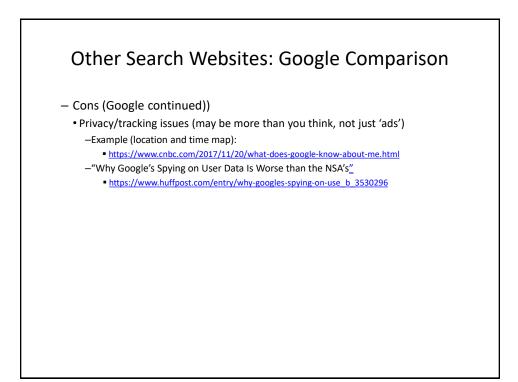
Search	ing The Currently Viev	ved Web Page
	Go to the faculty page for <u>James Tam</u>	Return to the CPSC 203 web
<ctrl>-<f></f></ctrl>	CPS	C 203 Course page: fall 2018
(Edge, IE, Firefox)	Attention: Imposed budget cuts required changes to this course. There will b. (There will however be Teaching Assistants who staff the provide additional lecture time to make up a bit for lab time th tutorials have been removed, some of the skills that students i presented in a simpler form (absolute and relative cell referent were dropped a side effect is that there's now an opportunity include the use of MS-Word. Overall the redesigned course w If you want determine if the redesigned course is for you here Administrative information	help desk for this course: <u>The 203 Continuous</u> hat was removed. Also the use of MY-IT lab (fi found more challenging (i.e. 'hard') have also be ces in Excel, nested. IF and Do-Whi i Le constru- to cover some topics in greater depth (such as c as still created to be practical rather than theore
	<ul> <li>Contact information for James Tam         <ul> <li>Office: ICT 707</li> <li>Office hours: Monday &amp; Tuesday, 3:00 - 3:50 PI</li> <li>Email: <u>tan@ucaleary.cs</u></li> <li>Instructor schedule for fall 2018 <u>schedule</u></li> </ul> </li> <li>Additional help: The 203 Continuous Tutorial or the "         <ul> <li>CT schedule (commence the week of Sept 9 - 15, If you don't hare your own portable computer w you are working on an assignment. That's becaus located. (The Windows machines are reserved fo</li> <li>Course [tatiboofs</li> <li>"Computer Science Chop Suey! (Lite Edition</li> </ul> </li> </ul>	<u>CT</u> ". work schedule posted sometime at the start of ith Office on it <b>when you go to the CT</b> make ie you won't be able to login to the computers ( <i>x</i> CPSC students in higher level courses)

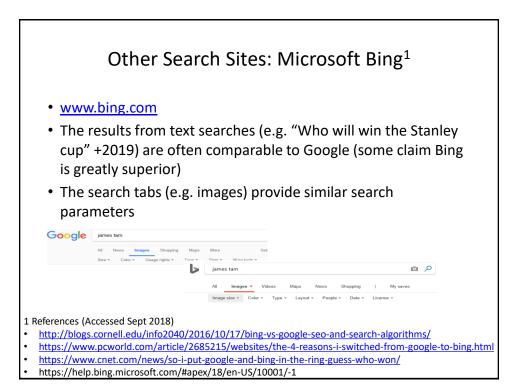


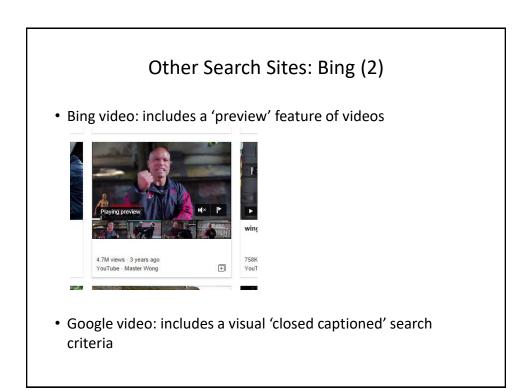
Find pages with			-
all these words:			
this exact word or phrase:	nursing		
any of these words:			Informatio
none of these words:			
numbers ranging from:		to	
Then narrow your result	ls		
language:	any language		*
region:	any region		- Site being
last update:	anytime		searched (same as
site or domain:	www.ucalgary.ca 🗲		(site')

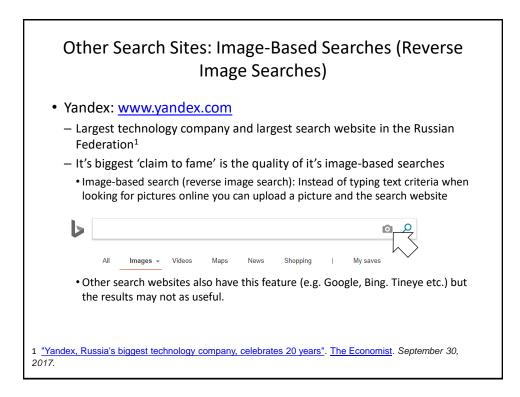


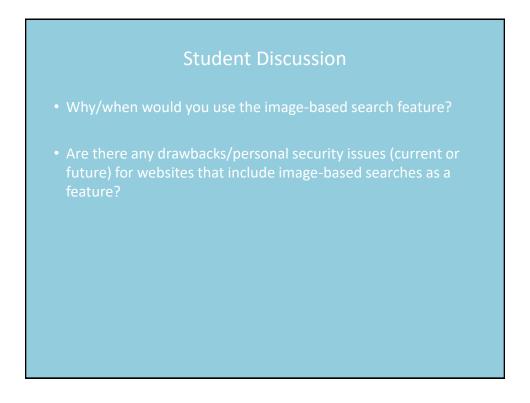










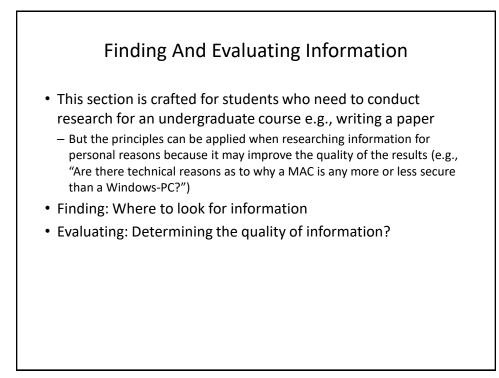


### Google's Image-Based Search

- Reference (last accessed Sept 2018)
  - https://support.google.com/websearch/answer/1325808?hl=en
  - "How reverse image search works
  - When you search using an image, your search results may include:
    - Similar images
    - · Sites that include the image
    - Other sizes of the image you searched for"

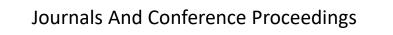
### **Privacy And Web Searches** Many search sites tracks your searches - wired.com - "Google saves all your searches" - "Google records what you say every time you speak to it" - "Google tracks and records your location" It should be possible to remove the stored information but you have to take the time to learn how to do it (opt-in by default is the norm) What about "private browsing" modes provided in web browsers It prevents information being stored on your local computer - That is, it prevents other users of that computer from seeing what you've done, what sites that you've been to References https://www.wired.co.uk/article/google-history-search-tracking-data-how-to-delete 1. https://www.cnet.com/how-to/how-to-prevent-google-from-tracking-you/



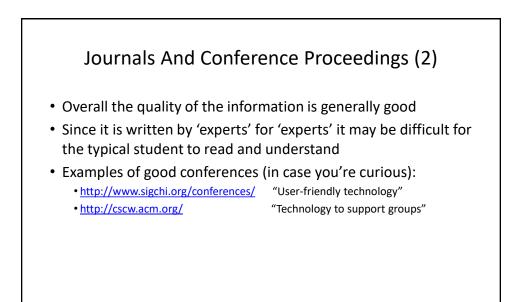


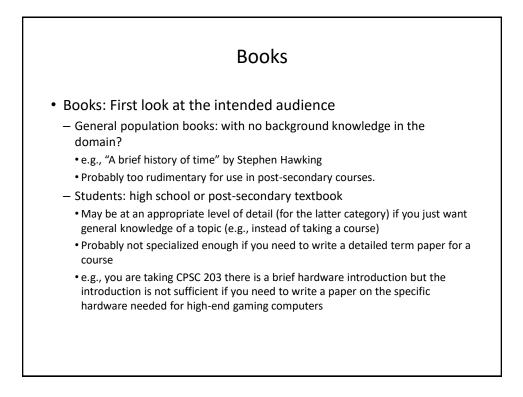
## **Finding Information**

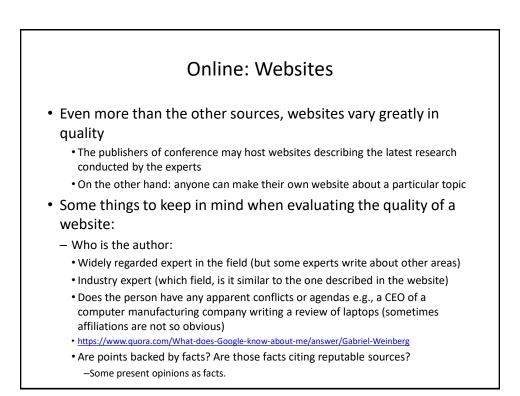
- When conducting formal research (or even research for undergraduate courses) information sources should be evaluated for quality
  - Not all sources of information are equal in terms quality.
  - Contrast: a private individual's personal blog (opinion) vs. a website containing the current research being conducted by the experts in a particular field.
- Where to start?
  - Check with your course instructor: what level of research is expected?
  - Books
  - Journals and conference proceedings (may be too much for undergraduate courses)
  - Online: websites

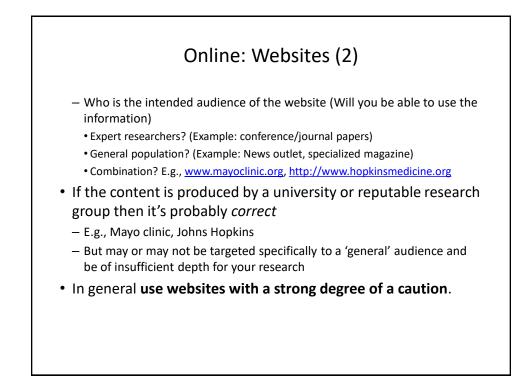


- JT: for most undergrad courses you would probably look at journals/conferences for 5xx level course (if at all)
- Publications that describe the latest theories and research produced by domain experts
- The quality of publications can vary
  - Which ones are at least reasonably good ones? Start with the instructor's publication list and look at the journals and conferences in which this person has published.



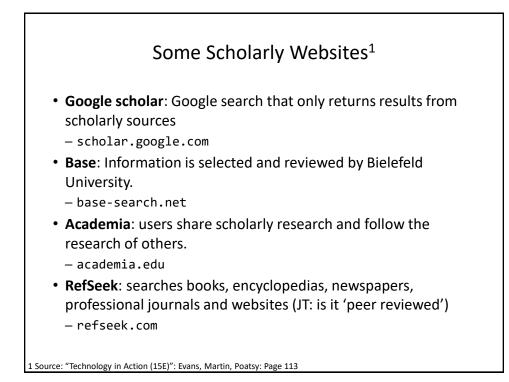


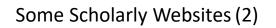




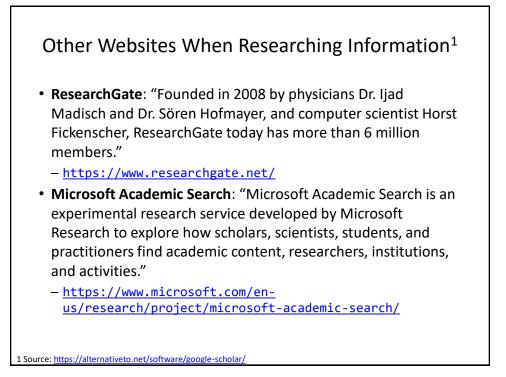
### Some Scholarly Websites

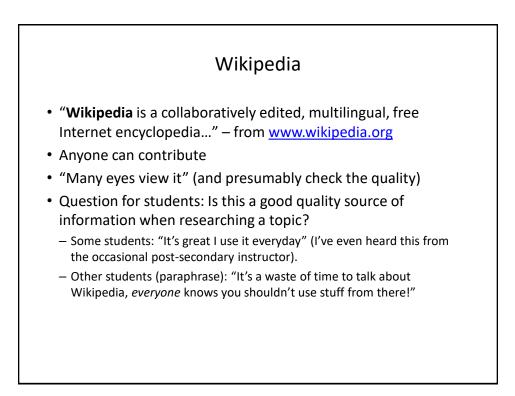
- Scholarly source (commonly used definition): research work that's been published in a 'peer reviewed' journal or conference.
- Peer reviewed (from <u>https://www.merriam-webster.com</u>): "process by which something proposed (as for research or publication) is evaluated by a group of experts in the appropriate field "

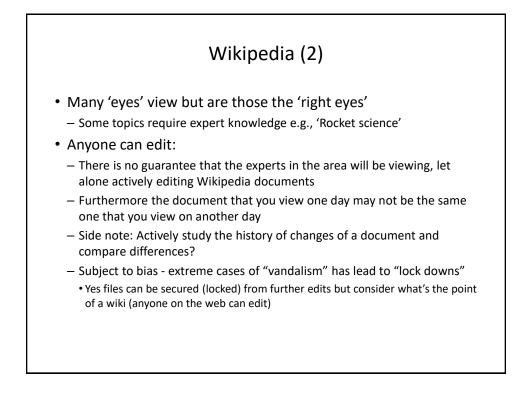


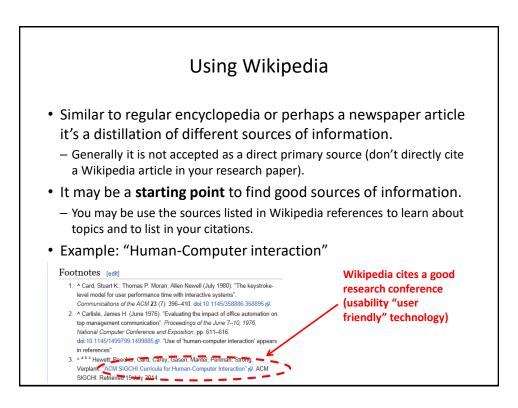


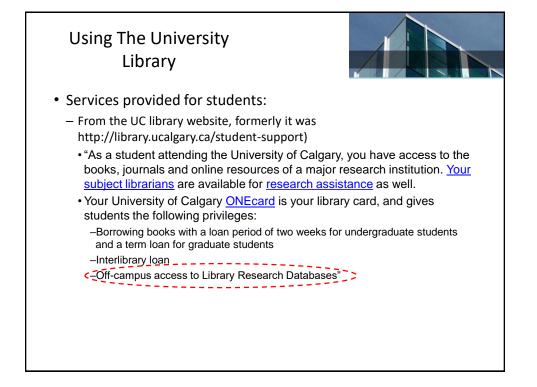
- Caution:
  - "Using these websites doesn't mean you don't have to check facts, but it does provide you with an excellent starting point for your research" - "Technology in Action (15E)": Evans, Martin, Poatsy: Page 318

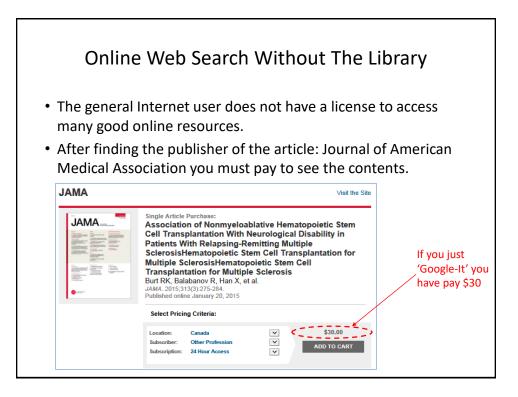


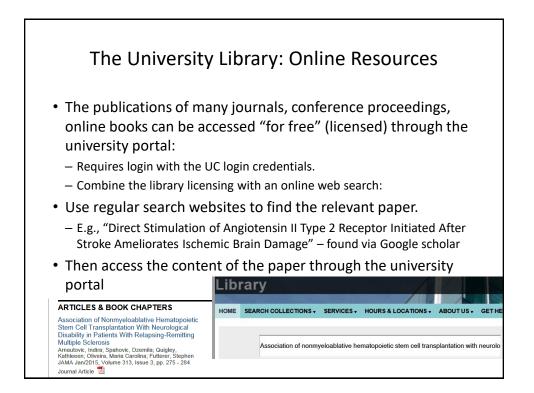












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Help   Terms of Service	Help   Terms of Service		Central Authentication	IT username, Library Barcode or Continuing Education ID:	
				Help   Terms of Service	

