



COMP1200

Perspectives On Computing

Search Smarter

Introduction to Information Resources


# Why am I here?

- There are many information resources available online to assist you with your research.
- Important to include scholarly resources in your assignments.
- Brief overview of the resources available to you through The Library.

# Library Home Page

Skip Navigation Search the  for

ANU Home | Helpdesk | Staff | Students | Division of Information | UniSafe

 **Library**

Scholarly Information Services

| Search  for

---

**Library**

- Intranet
- Catalogue
- Online resources
- Visit us
- For users
- Library services
- Subject areas
- Help and training
- Useful links

**DOI**

- DOI home
- About DOI
- InfoArticles
- Quick Help

[ANU home](#) > [Library home](#)

---

**Catalogue**

[Advanced search](#)

Go

Search

Include

---

**MetaFind: search multiple resources**

---

**E-resources & databases**

Databases, indexes, e-books, bibliographies...

A B C D E F G H I J K L  
M N O P Q R S T U W Y Z

---

**Full text e-journals**

Search

for

Go

Select an e-journal collection

Go

Select a subject category

Go


---

**Visit us**


- :: [Opening hours](#)
- :: [Contact points](#)
- :: [Collections, locations and buildings](#)

---

**Library news**

 [Collection Relocation Project](#)

- :: [E-resource trials](#)
- :: [Digital Dictionary of Buddhism and CJKV-English Dictionary now available online](#)
- :: [More news](#) | [RSS feed](#)
- :: [New titles](#) | [RSS feeds](#)



Copyright | Disclaimer | Privacy | Contact ANU

<http://anulib.anu.edu.au>

# Databases

- What is a database?
- Why would I use one instead of Google?
- Which databases are most useful for COMP1200?
- How can I get the full text of the articles once I find the references in the database?

# Proquest 5000 International

- Multidisciplinary
- A good IT subset
- Some full-text available
- Demo

# Scopus

- Multidisciplinary
- Huge - over 15,000 journals covered
- Updated weekly
- Includes science and technology web results
- Demo

# Other Online Resources

- IEEE Electronic Library
  - Provides access to all IEEE magazines, journals, conference papers and standards
  - Dates from 1988 onwards (further back for some legacy content)
  - Specific journals are listed in the Library catalogue; specific conferences are NOT.

# Other Online Resources

- ACM Digital Library
  - Association for Computing Machinery.
  - Provides citations and full text from ACM journals, newsletter articles and conference proceedings.

# Journals

- The “e-version” of journals is the version of choice for the ANU.
- Whether a journal is online or in print, look up the title in the Library catalogue to find out our holdings.

# Access Off-Campus

- Most Library databases and journals are IP authenticated.
- If you try to connect from a non-ANU IP address, you won't be recognised.
- Log into <http://virtual.anu.edu.au>
- From there, click through to the Library page to access databases and e-journals.

# Google Scholar

Google<sup>™</sup>  
Scholar BETA

Search

[Advanced Scholar Search](#)  
[Scholar Preferences](#)  
[Scholar Help](#)

Stand on the shoulders of giants

[Google Home](#) - [About Google](#)

©2005 Google

[scholar.google.com](http://scholar.google.com)

# Google Scholar

- Google Scholar is Google's way of filtering out "non-scholarly" material available online. Google's press release for Google Scholar states it as follows:

*Google Scholar enables you to search specifically for scholarly literature, including peer-reviewed papers, theses, books, preprints, abstracts and technical reports from all broad areas of research. Use Google Scholar to find articles from a wide variety of academic publishers, professional societies, preprint repositories and universities, as well as scholarly articles available across the web.*

# Google Scholar

- **While it's a start, Google Scholar's database is not complete.**
- Not clear what has been indexed and what hasn't.
- Compared to the resources available through the ANU Library, Google Scholar is not as comprehensive.

# Google Scholar

- **DO use Google Scholar to:**
  - Get a feel for papers and research in your subject area
  - Broaden your search keywords based on results
  - See if a paper is freely available if you can't find it through the Library
- **DON'T use Google Scholar as your only source for scholarly information!**

# Web Searching

- Use advanced search options where available
- Google – biggest and the best
- Others to try:
  - Yahoo! Search [search.yahoo.com](http://search.yahoo.com)
  - KillerInfo [www.killerinfo.com](http://www.killerinfo.com)

# Evaluating Websites

- Journal articles and conference papers from the sources shown so far are usually scholarly
- How can you tell if a free web page is suitable to use for your uni assignments?

# Evaluating Information

## Evaluation criteria

### *Authority and reputation of the source*

- Who provides the information?
- Are the author's title and institution/company displayed?
- Is there a link to the author's email address?
- Does the URL indicate what type of organisation the information is coming from? What, if anything does this tell you about the credibility of the information?

# Evaluating Information

## Evaluation criteria (continued)

### *Information integrity*

- Is the information current and up to date?
- Does the author give the source for the information?
- Is there evidence of bias in the information?
- Can the information be verified elsewhere?

# Conclusion

- Databases provide references to scholarly information
- Access full text of articles via the Library Catalogue
- Take advantage of sophisticated search options in search engines and databases.

Need more?

# Hancock Building #43



[science.library@anu.edu.au](mailto:science.library@anu.edu.au)

x53517