Session 1 - Summary

- UC Library 400+
- Information literacy & the graduate profile
- Why literature search?
- Choosing appropriate resources
- Basic examples - UC Catalogue & ProQuest
- Next week?
• [http://library.canterbury.ac.nz/cosc](http://library.canterbury.ac.nz/cosc)

• Interloans – we can get it!

• Standard loan period = 60 days

• Lending quota = 50 items

• Me!
Too much information?

IDC study of “digital information” produced in 2006

- 161 exabytes (161 billion GB)
- more than 2 billion of the most capacious iPods
- 12 stacks of books that each reach from Earth to the sun
- by 2010 nearly one zettabyte

• Library Goal: All UC graduates to be information literate

• “The ability to locate, evaluate, manage and use information from a range of sources for problem solving, decision making and research. It is common to all disciplines, all environments and all levels of education.”

http://library.canterbury.ac.nz/infolit/infoliteracy.shtml
(sited: 13 Mar 07)
A graduate of a BSc is expected to be able to:

- Demonstrate the development in skills for lifelong learning
- Understand, evaluate, access and critically review new information
- Effectively access and use information relevant to the subject

- Provisional as at April 2006
Why literature search?

- Learn more about the topic
- Avoid repeating work already done
- Become aware of the key players and publications in your field
Academic information?

- In Brief: dictionaries
- Backgrounders: encyclopaedias, web
- In-depth: books
- Academic: journals & indexes
- Current: news, alerts & “reviews”
# International Journal of Dream Research

Psychological Aspects of Sleep and Dreaming

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Academic publishing cycle


- Journals & indexes

- Books

- Reviews – e.g. Computing Reviews, Annual Review of...

- Citation Indexes & Alerts – more next week!
Evaluating resources

- Accuracy
- Authority
- Objectivity
- Currency
- Coverage
**Authority**

**Who** is the author?

**What** organisation published the information?

**Why** was the material published?

**When** was the material published?

**How** does it compare with other information sources?
• Essjay


• [Original New Yorker article](http://en.wikipedia.org/wiki/Essjay)

• [MacBook Wheel](http://en.wikipedia.org/wiki/Essjay) (Video)
MacBook Wheel
Citation & plagiarism

- Thou shalt not steal
- Thou shalt cite
- If in doubt cite
- Citation guide:
  [http://library.canterbury.ac.nz/services/ref/style.shtml](http://library.canterbury.ac.nz/services/ref/style.shtml)
20 Questions
• Start broad, narrow down then follow leads

• Use Booleans, truncation & phrase searching

• Look at “Help” for other options e.g. truncation, personalization, advanced search options

• Use synonyms & alternate forms e.g. abbreviations

• Look for later discussion – who has cited?
UC Catalogue – Need to know!

• Searching
  • Booleans, truncation & phrases?
  • Search types – keyword, subject, alphabetical

• Results
  • Multiple journal records
  • Limiting, My Account & exporting

• Some examples:
  • Keywords - bainbridge music comput*, Star OS,
  • Journals: New Scientist
  • Subject keywords: ruby, "computers - history"
UC Catalogue – some examples

• Keywords
  • bainbridge music comput*
  • “Star user interface”

• Journals – change of title, multiple editions & formats
  • New Scientist, PC Mag*, Dobbs

• Subject searching:
  • Ruby - *cf. keyword & subj keyword*
  • “computers – history”
ProQuest

- Multidisciplinary
- Some full text
- Journals, newspapers, dissertations
- Includes ProQuest Computing
- Includes ProQuest Science Journals
ProQuest – an example

How can people find what they want in music databases?”

(music OR tune* OR sound OR audio)
AND (database* OR index* OR bibliog*)
AND (find OR retriev* OR access*)
Next session?

- Google, Scopus & WoS
- Open Access
- ADT & NDLTD
- IEEE & ACM
GASP!
Is that really how people Googled in the old days?