Research Methods
comp4809/7809
Lecture 10

## Announcements

## Hints for Seminar Timing

- Finishing on time is worth 10% regardless of anything else
- Hints
  - Time each slide or get each slide to time for you
  - Place your watch next to the mouse
  - Practice practice practice

## D9 Description of Research Methodology and Analysis or evaluation techniques

- Clearly describe the planned methodology for your project. Use diagrams where relevant. This should be in a form that may be directly useful for your final project report (minimum 1 page)
- Describe the results you intend to collect and the form in which they will be collated. Use tables or graphs to show the relevant variables or axes. (minimum 1 page)
- Clearly describe the analysis or evaluation techniques that are relevant to your project. Refer to particular analyses in the literature, and where relevant include specific diagrams that you will be using as a model for your own project. (minimum 200 words)

## Practical tips for improving

- Reading papers
  - CogComp: 6 hours to 10 minutes
  - Find the main ideas
- Writing
  - Bob Brown: 2 paras to 10K words per day
  - Know the structure of each draft, avoid blocking, write every day
- Finding the gap
  - Ask the specific questions from Swales
- Designing the global structure
  - Use templates, use concept mapping
- Getting the details right
  - Check published work, write drafts and seek feedback
  - Look up stats and other methods

## Posters and Demos

- What's a poster?
  - Examples at
    http://www.itee.uq.edu.au/~comp4809/Sample projects
- Questions at a poster or demo session
  The art of explaining your work
  - 30 seconds (The elevator pitch)
  - 2 minutes
  - 5 minutes
  - Four hours (The NIPS poster experience)

# Sample posters

- In discussion with the person next to you, critique the poster
  - Global structure
    - What aspects are effective
    - What could be improved
  - Communication of message
    - What is the overall goal of the research
    - What were the specific aims
    - What were the results
    - What is the significance of the results