CONCLUSION
Future of Cognitive Science

In the last class we saw my view of the future of cognitive science.
Thagard describes more general integrative trends:

- **Conceptual Integration:** the integration of ideas from psych, phil, AI, anthro, ling and neuro (PPAALN)

- **Experimental Integration:** the different data and methods used by PPAALN give different views of the same phenomena

- **Theoretical Integration:** bringing together different quantitative descriptions of cog sci phenomena

Both hybridization and new integrations are likely (R&D theory is the latter kind of integration)
Studying Cognitive Science

- Studying cognitive science

- At Waterloo there is a cognitive science option (see http://www.adm.uwaterloo.ca/interdis/cogsci/):
  
  - 7 courses: 4 required; 3 elective
  
  - E.g., Cognitive Modeling, Machine Intelligence, Phil Mind, Intro to Linguistics, Cognitive Processes Philosophy of Language Human Neuropsychology, Children's Thinking, Perception, Fuzzy Logic and Neural Networks; Simulating Neurobiological Systems

- You can also take the graduate diploma here or at other universities; some have cognitive science Ph.Ds.

- More information on cog sci grad programs, journals, etc. can be found http://www-psych.stanford.edu/cogsci/.
General Advice

- If you're interested in cog sci:
  - pick a subdiscipline that looks the most interesting to you and study it, but don't forget about 'the big picture'
  - be sure to keep your eyes on other fields for interesting/related results
  - be familiar with (but not an expert in) other methods for studying the mind.
  - collaboration is essential.

- If you're not interested in studying cog sci:
  - it's still wise to follow the field as there are huge practical implications for fields including
    - medicine (neurology, aging, etc.),
    - law (responsibility, false memory, confabulation, etc.),
    - engineering (HMI design, object recognition, etc.),
    - arts (ethics, decision making, belief change, etc.),
    - education (learning, disabilities, etc.), and
    - business (belief formation, preference change, decision making, etc.)