1. New features:
   - Hyper linking
   - Concept searching
   - Alerts
     - What do we learn from these features?
     - Impacts on readers?
2. Hope: Make scientists’ life easier. (with features and functions)
4. Fear: Publishers’ markets transit to individuals’ markets:
   Does business model follow from this? ➔ publishing retrieval
5. Libraries are regional Napsters
   - Pub Med Central
   - Scientific World
   - Public Library of Science
6. Hope: What our readers want
7. Fear: Information explosion
   - Tools match increase, proliferation
   - What is the rate of growth
8. Fear: Archiving problems might not be solved
9. Homogenization:
   - Totems of Journals
     - Science will be hurt
     - Quality will be lost
10. Massive amounts of non-peer-review
11. Managing information and applying it –is easier
12. Boosts quality of research
   - Level of science/research improves
   - Online literature more visible/more accountable
   - Good/bad revealed
13. Fear: Content aggregation
    - Differentiation of brand: where do we differentiate?
      - Give up
      - Journal identity
      - Unit of analysis? Article, journals, site license,
        (self organization by authors)
      - Content
14. Increase productivity
   • Hope to fine generalizable behaviors
   • Fear: 2 users → specific ways of user online literature "paving cowpaths"
     younger PC oriented users use information differently

15. Research available to wider audience
   • Can online structure it differently
   • Value increases
   • Breaking down understanding of science by press
   • Use of e-journals to bridge fields

16. Hope: Community building

17. Support/ personalization/ match users’ expectations

18. Who is actually reading the journals?

19. Unlimited free redistribution
   • Implications?
   • What happens to contents?

20. Selling information: Give away
   • What else would users pay for?
   • Web advertising?
   • Ancillary service by publishers for authors….
     e.g. Birds of feature,
     e.g. Going after research, link articles to resumes
     e.g. real time peer review: self select as reviewer

21. Fear: Readers are not part of business models/ trust

22. Which factors add quality? In eyes on users and readers
   • Retroactive copy edit, self copy edit

23. Online editorial features
   • Only works online
   • Movie, simulation
   • Alerts
   • Searches, evaluation features

24. Agents

25. Usability vs. technical performance
26. Navigation Search

What about content: cycle back to contents out of business model impact.

27. Impact on Content and Submission

Electronic submission …….Paper Review ………Publication

LAG