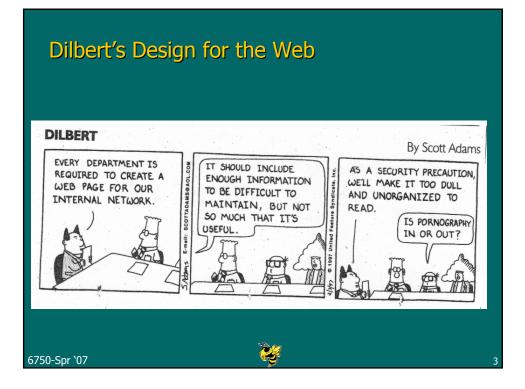
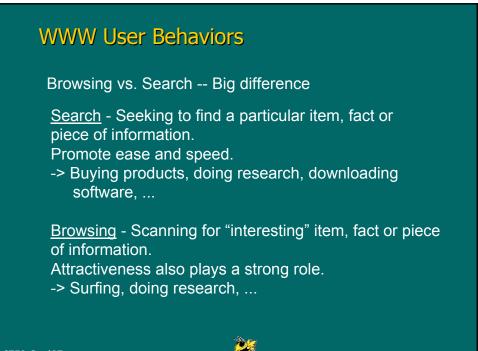
# WWW & HCI

John Stasko Spring 2007

# Agenda

- Designing for the Web processes
- Design issues
  - Text
  - Graphic design
  - Navigation
  - Structure
  - Links

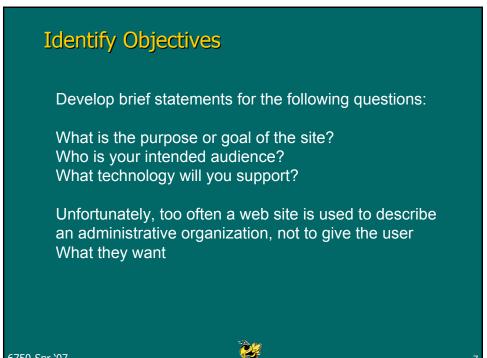








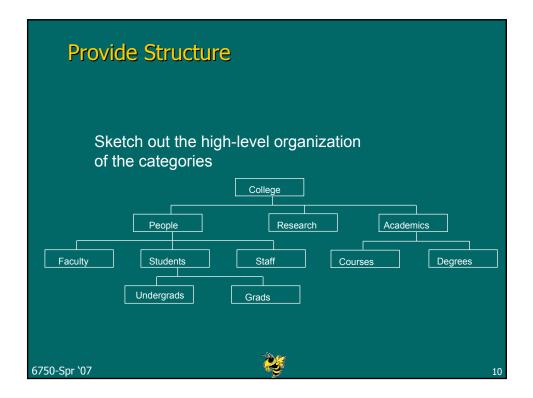




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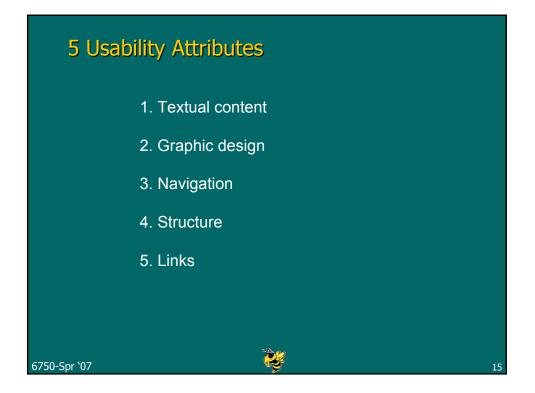


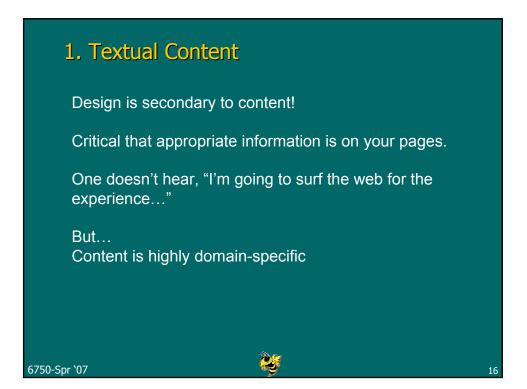


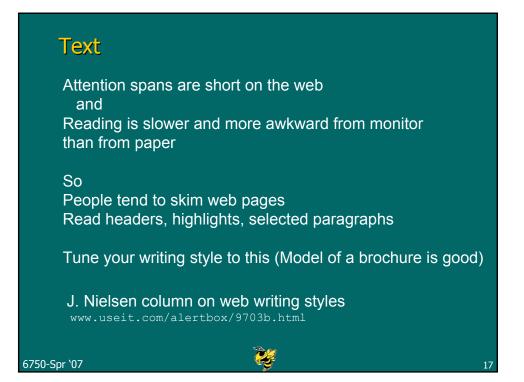


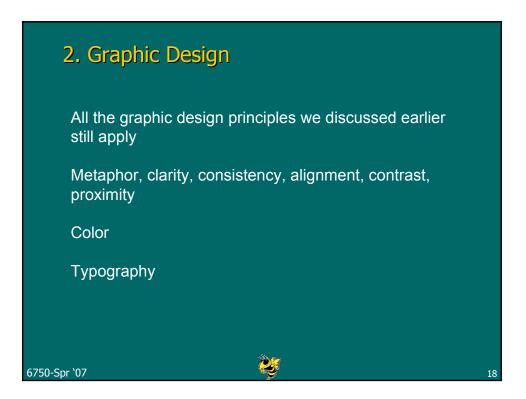






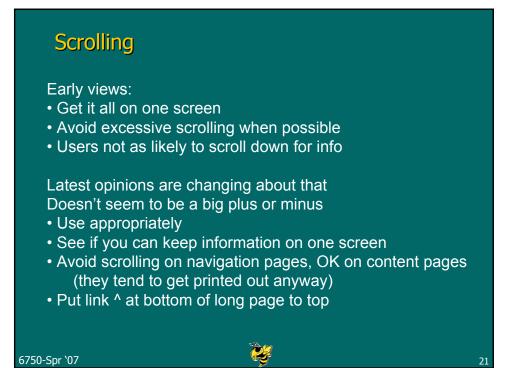






Dimensions	
Typical printed page is 8.5" x 11" Monitor is	
Fundmental mismatch	
6750-Spr '07	19

# Dimensions Other common sizes are now 1024 × 768 1280 × 1024 The first one is almost like a standard, but we're pushing past it now too (multimon as well) Advice: Try to make your home page fit in visible range of moderate size window on 1024x768 At least have the important stuff in there Later pages can be bigger then Scrolling up/down OK, sideways not so good



## **Images & Downloads**

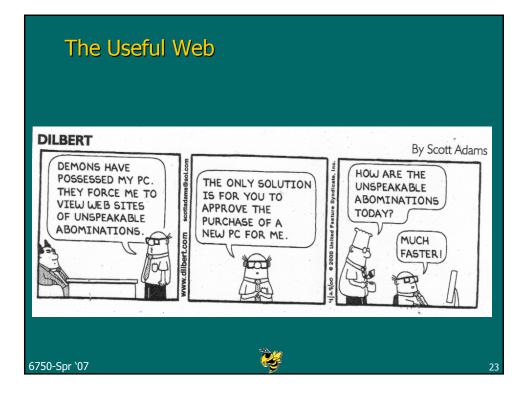
First thought: Avoid anything slow

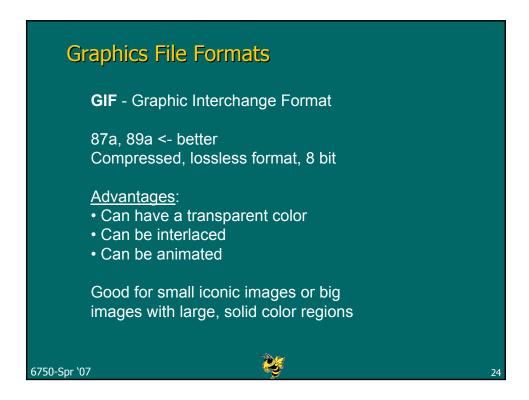
Generally true, but latest opinions are that users are tolerant of some slow downloads

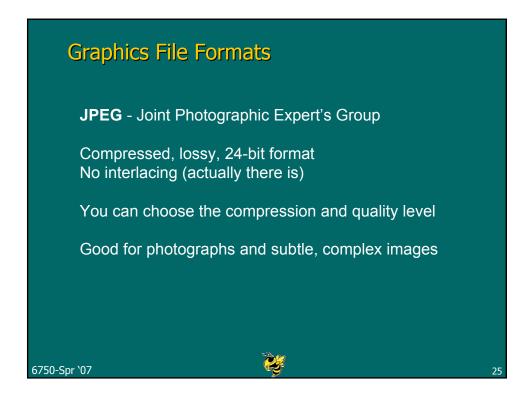
People are surprisingly patient when they think that graphic adds value. When gratuitous, they give up.

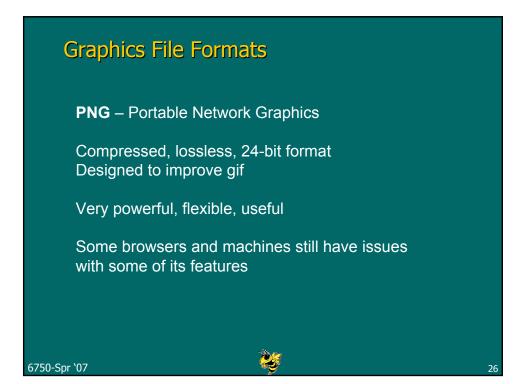
Viewers seem to tolerate 10-15 seconds when they realize it will be slow

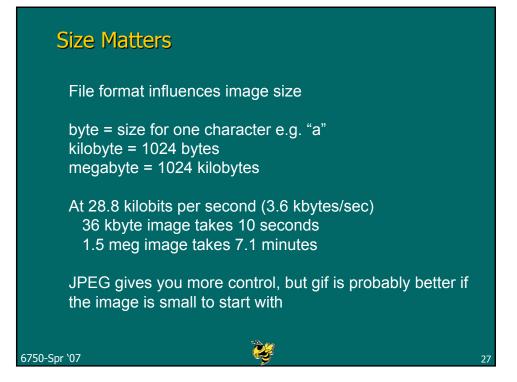
Still, keep it quick: 1-2 seconds is best

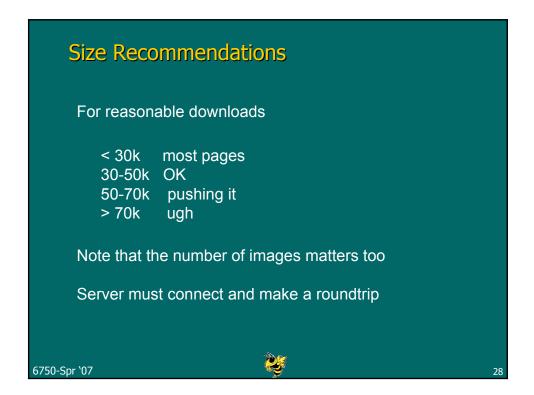


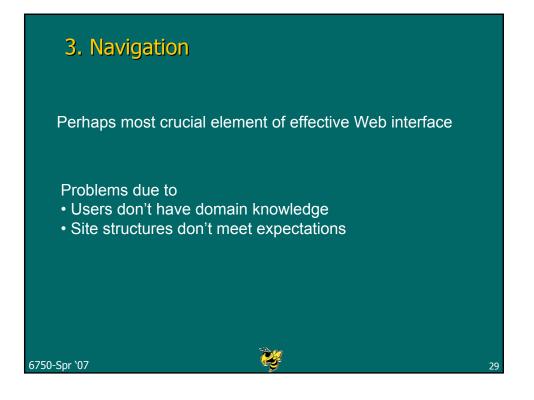


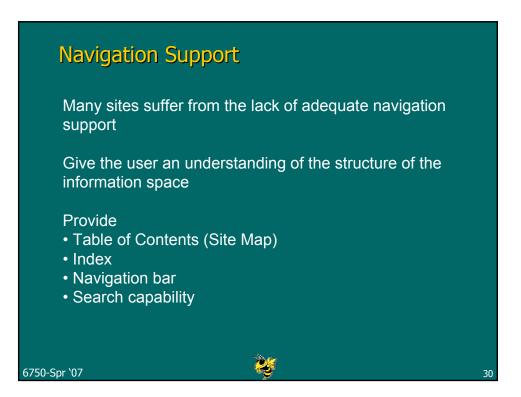


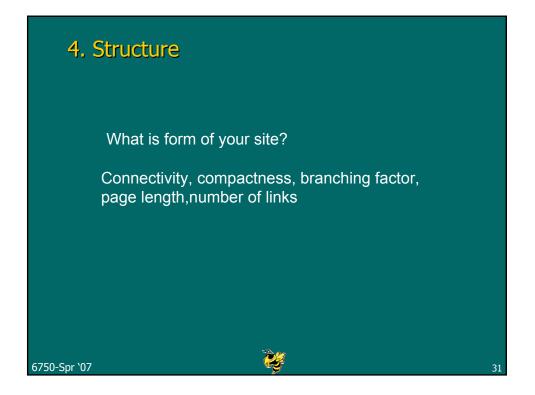


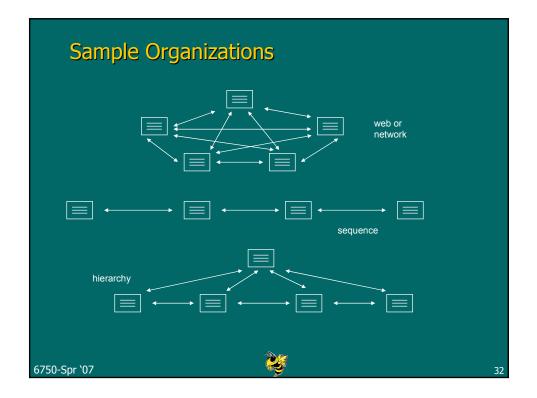


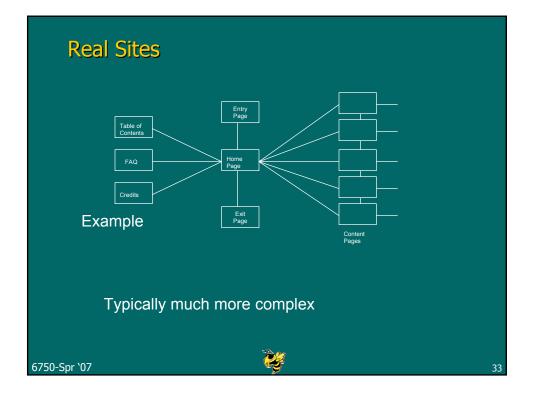


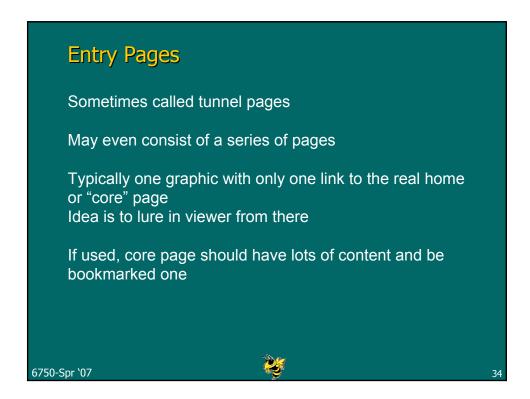




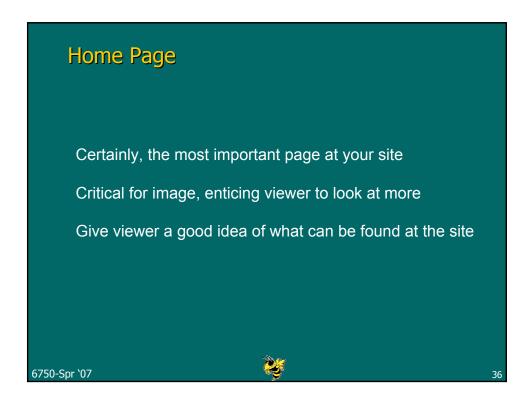


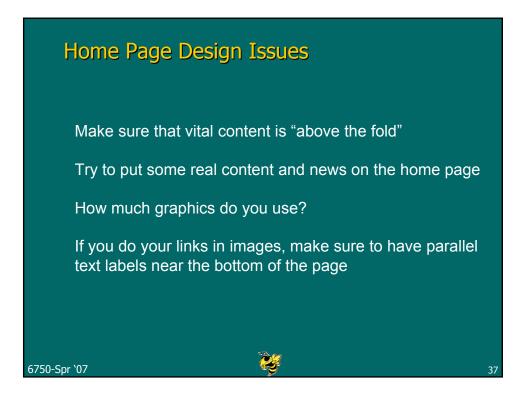


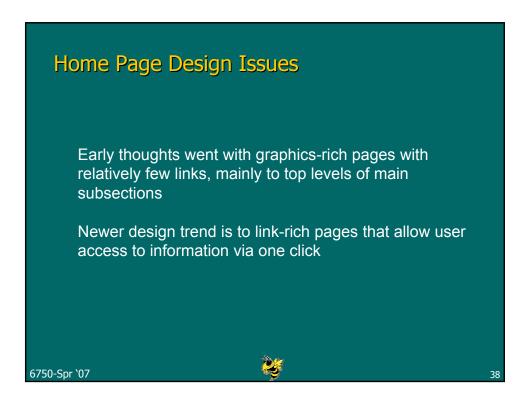














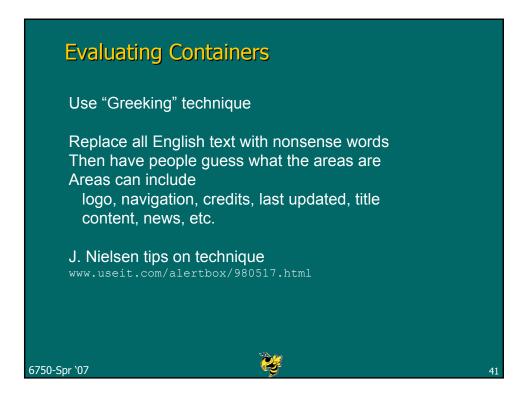
## **Structure Pages**

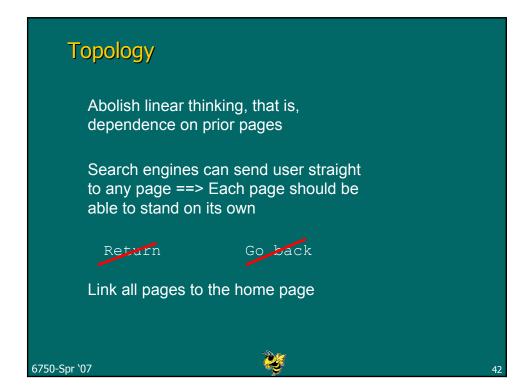
Home page is important, but basic structure for all your other pages is important too----It might appear thousands of times

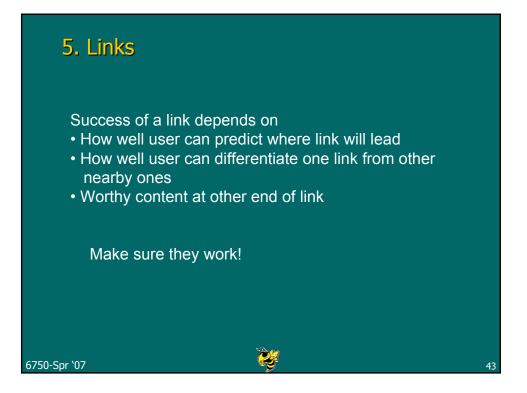
Shells/Containers/Templates - "Stuff" surrounding content that is common across all pages in site

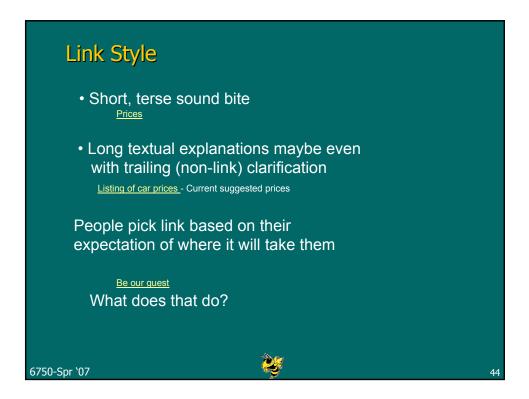
Provides navigational structure plus hierarchy, then plug content in

Idea is to define this once, then have all your pages just use it Changes are easy then





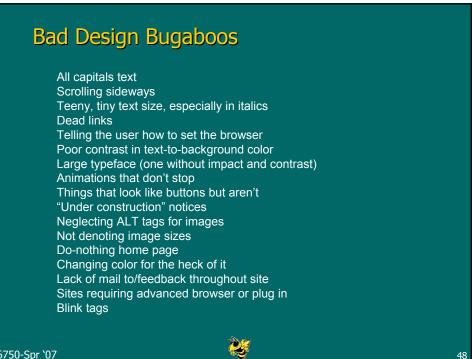




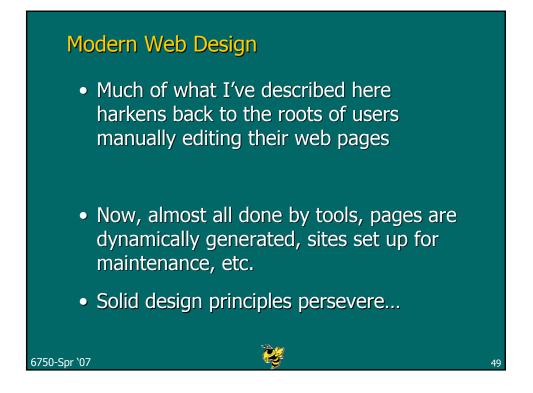
# Link WordingBeware the famous "here"Cick here to learn about my BMW Z3.<br/>vs.J drive fast in my BMW Z3.Mene a link will take someone a good distance, use word "jump"For more on iguanas, jump to Fred's iguana page.Say explicitly where link isCheck out the tax calculator by Money Magazine.

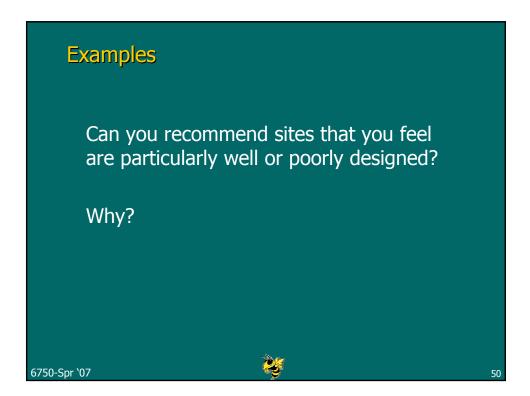


### Link Issues • Embedded Links - Links set in surrounding text. They can be harder for user to pick and use. • Wrapped Links - Example Janus Twenty **Investment Company** of America **Royce Premier** Are there 3 or 4 items here? Can be confusing Number - Too many on a page can be confusing and take too long to parse · Image links - Problem: Don't change color to indicate prior traversal 6750-Spr '07 47

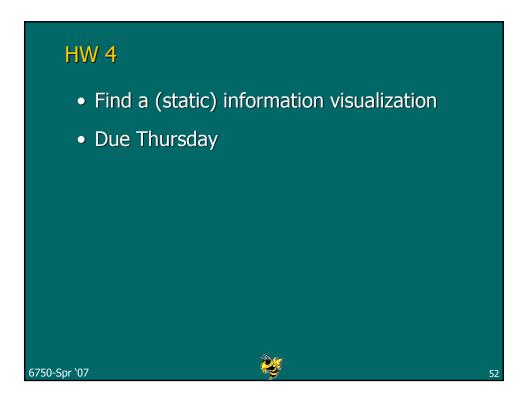


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# Upcoming

- Embodied agents
- CSCW
- Ubiquitous computing

**R** 

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