Suggested Readings

Human factors and ergonomics textbooks, fundamentals and handbooks


Systems / sociotechnical systems books and papers


**Human factors books focused on usability**


**Healthcare usability and health information technology articles**


• Cohen M. Over-reliance on pharmacy computer systems may place patients at great risk. *ISMP Medication Safety Alert!* 1999; 4: 1.

**Human factors / usability organizations websites**

• Demonstrations of “inattentional blindness” www.Viscog.com
• www.useit.com Extremely practical set of HFE links, articles, tools, and tidbits – especially as applied to computer systems. Operated by leader in the field, Jakob Neilsen, with several commentaries and lay press reports.
• http://www.fda.gov/cdrh/humanfactors/ Fantastic web site about applying practical human factors tools and principles to medical device and software design. “Do it By Design” is especially good primer on HFE process (free download).
• http://www.hf.faa.gov/Webtraining/Usability/usability1.htm Nice web-based HFE training. Designed by FAA human factors professionals for all the people in the FAA that build or buy devices and software (e.g., air-traffic control software).
• http://usability.gov/basics/index.html
• http://www.stcsig.org/usability/resources/toolkit/toolkit.html
- Human Factors and Ergonomics Society. www.hfes.org
- International Ergonomic Association. www.iea.cc
- ACM/Special interest group on computer human interaction (SIGCHI) sigchi.org
- Usability Professionals Association www.upassoc.org
- Information Architecture Institute/ newsletter iainstitute.org
- HCI Bibliography < http://www.hcibib.org/>
- (Jesse James Garrett's) Information architecture resources jjg.net/ia/
- Information Design resources/newsletter www.boxesandarrows.com
- Usability First www.usabilityfirst.com

Books focused on organizational safety


Patient safety books


Human factors engineering and safety articles relevant to patient safety


- Schneider PJ. Applying human factors in improving medication-use safety. Am J Health-Syst Pharm. 2002; 59(12)