



The University Library: Partners in Teaching, Learning and Research



About Me

- 20+ years experience
- Public and academic libraries
- Associate Dean, Wayne State University Library System, Detroit



About me

- Research
 - \$2m (US) federally funded research
 - Community-based digital library initiatives
 - Curriculum redesign
 - Librarian education
 - Minority recruitment
- 2004 Library Journal “Movers & Shakers”
 - “The Regionalist”
- 2005 Frye Leadership Institute Fellow



About me

- Academic Technologies
 - Media Services (300+ classrooms, 35 theaters)
 - Student labs (1000+ computers)
- Teaching and Learning
 - Office for Teaching and Learning
- Built the “Technology Resource Center”



About me

- International speaker
 - Digital library initiatives
 - E-learning
 - Community-based collaborations
- Author
 - Upcoming book chapter on e-learning
 - Recent article on collaborative digital initiatives



About me

- PhD candidate, Instructional Technology, WSU
 - Instructional design
 - Interactive technologies
 - Human Performance
- Adjunct Faculty, WSU



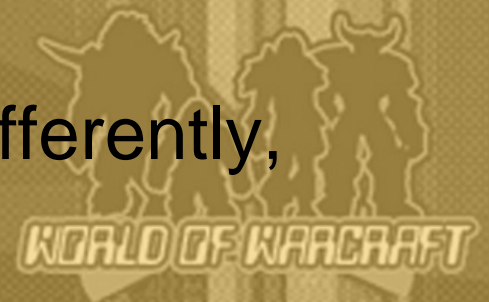
Member: Gamer Generation

- Tauren (Horde Faction)
- Hunter Class
- Currently Level 69 and enjoying the Burning Crusade

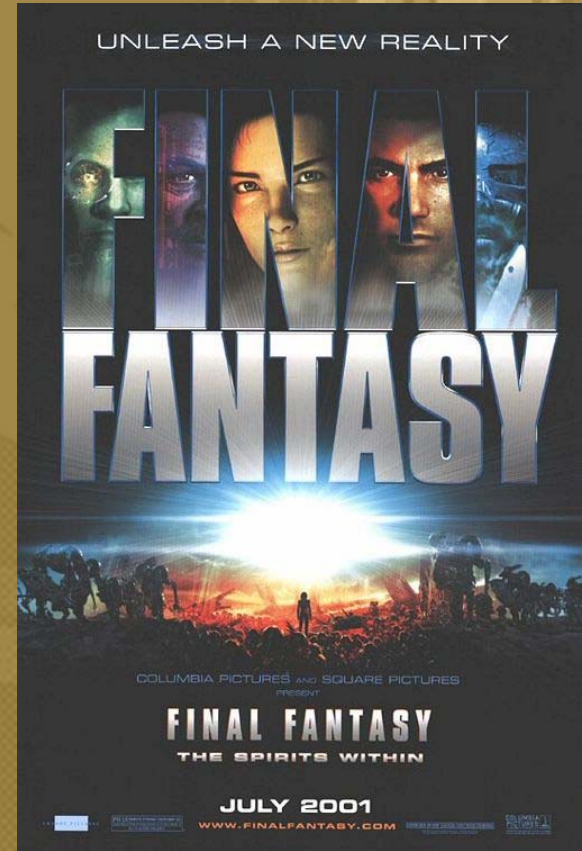
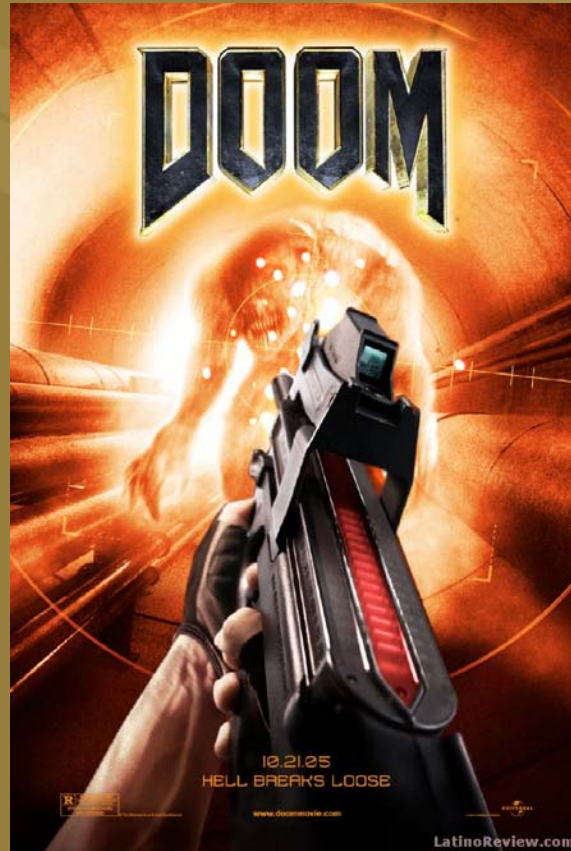
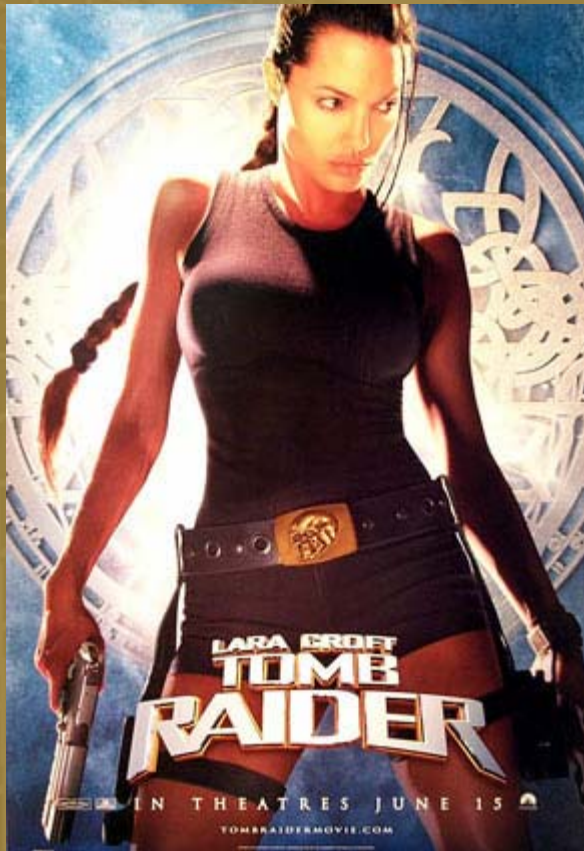


What does “gamer generation” mean?

- 90+ million of us (N.America) – bigger than boomers
- Different in statistically verifiable ways
 - Systematically different ways of working
 - Systematically choose different skills to learn
 - Desire systematically different goals
 - Think differently about work, life
 - Compete different, fit into teams differently, take risks differently



Games are...everywhere



Games are...established



Games are...emotional



Games are...expected

- Students coming to Mac this fall will want to bring:
 - Xbox 360 <- games
 - Television (to play Xbox on)
 - Watch <- games
 - Digital Camera
 - Ipod <- games
 - PSP <- games
 - Laptop computer <- games
 - Mobile phone <- games











Engaged with

- Games/Virtual worlds (WoW, Second Life)
- Social spaces (Facebook, myspace)
- Web 2.0 spaces (Blogs, Wikis)
- Content (YouTube, Flickr, del.icio.us)
- Handhelds, cell phones, iPods



WORLD OF WARCRAFT

Student-Centered Change

- “have never known life without the internet”
 - 1) Digitally literate
 - 2) Constantly connected
 - 3) Experiential
 - 4) Demand immediacy
 - 5) Highly social



How do we prepare students to be successful in the 21st century?

- Information fluent
- Numerate
- Spatially fluent
- Media fluent
- Visually fluent
- Culturally fluent



Integrative learning

- “connecting skills and knowledge from multiple sources and experiences; applying skills and practices in various settings; utilizing diverse and even contradictory points of view; and, understanding issues and positions contextually”

– Huber, M. T., Hutchings, P., & Gale, R. (2005). *Integrative Learning for Liberal Education*



Role of the Academic Library

- *“Leadership requires structure...the example of the library community is instructive....Libraries, archives, and museums are positioned to serve as a bridge between the sciences, humanities, social sciences, and the arts... ..building new interdisciplinary relationships.”*
 - American Council of Learned Societies



Vision for a 21st Century Research Library

- “the most important observation post for understanding how students learn these days and how faculty utilize knowledge” (James Duderstadt)
- Changing Role for University Libraries
 - Academic library as change agent, encouraging innovation
 - Partners in the academic enterprise emphasizing 21st fluencies
 - Actively engaged in the community



Mac's libraries

- Focus on 4 pillars of “transformation”
 - Ourselves
 - Our resources
 - Our services
 - Our facilities



Transforming Ourselves: Blended librarians

“An academic librarian who combines the traditional skill set of librarianship with the information technologist's hardware/software skills, and the instructional or educational designer's ability to apply technology appropriately in the teaching-learning process.”



New positions

- Teaching and Learning Librarian
- Marketing, Outreach, Communications Librarian
- E-Resources Librarian
- Digital Strategies Librarian
- Digital Technologies Librarian
- Immersive Learning (Gaming) Librarian



New Services



The screenshot shows a Mozilla Firefox browser window displaying the Digital Commons@McMaster website. The browser's address bar shows the URL <http://digitalcommons.mcmaster.ca/>. The website header features the McMaster University logo and the text "Digital Commons@McMaster".

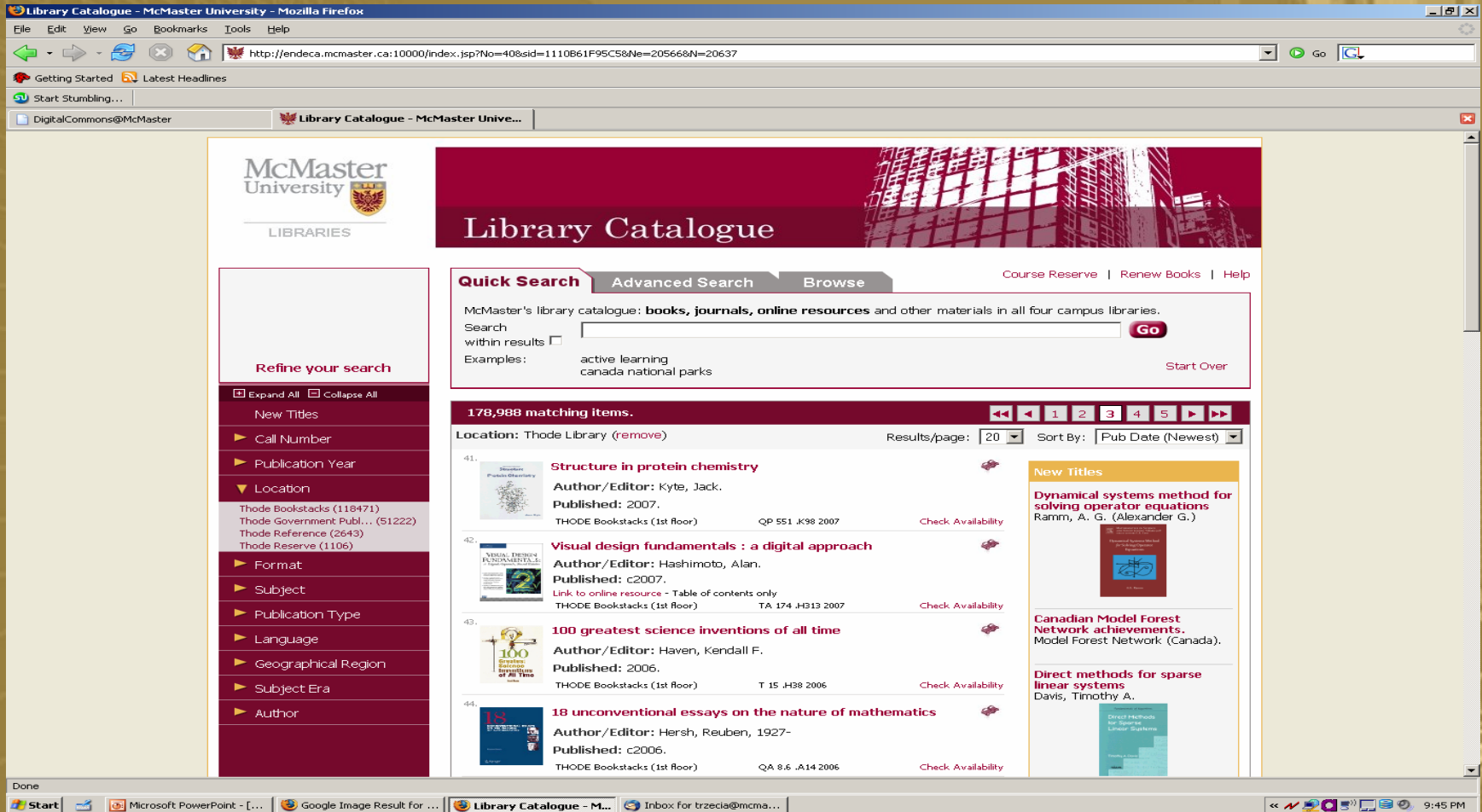
The main content area is divided into several sections:

- Navigation Menu:** A vertical list of links including Home, About, Help, My Account, Notify Me, and McMaster University.
- Search:** A search box with a "SEARCH" button and a link to "Advanced Search".
- Powered by:** Logos for ProQuest and OAI.
- Browse Research & Scholarship:** A section with the heading "Browse research and scholarship by:" followed by a bulleted list:
 - research unit, centre, or department
 - journals and peer-reviewed series
 - author
 - dissertations and theses
- Paper of the Day:** A featured article titled "Photochemical etching of niobium phosphate" by Theodore Douglas Lowers, with a "Go" button and a note that "90 full-text downloads of repository content in the last week."
- Footer:** A navigation bar with links for Home, About, Help, My Account, Notify Me, and Search.

The browser's taskbar at the bottom shows the Start button, several open applications (Microsoft PowerPoint, Google Image Result for...), and the Digital Commons@McMaster window. The system tray on the right indicates the time is 9:42 PM.



New Services



The screenshot shows a web browser window with the following content:

- Browser Title Bar:** Library Catalogue - McMaster University - Mozilla Firefox
- Address Bar:** http://endeca.mcmaster.ca:10000/index.jsp?No=40&sid=1110661F95C58Ne=20566&N=20637
- Page Header:** McMaster University LIBRARIES
- Main Title:** Library Catalogue
- Navigation:** Quick Search | Advanced Search | Browse | Course Reserve | Renew Books | Help
- Search Section:**
 - McMaster's library catalogue: **books, journals, online resources** and other materials in all four campus libraries.
 - Search within results
 - Examples: active learning, canada national parks
- Results Summary:** 178,988 matching items. Location: Thode Library (remove). Results/page: 20. Sort By: Pub Date (Newest)
- Search Results List:**
 - 41. **Structure in protein chemistry**
Author/Editor: Kyte, Jack.
Published: 2007.
THODE Bookstacks (1st floor) QP 551 .K98 2007
 - 42. **Visual design fundamentals : a digital approach**
Author/Editor: Hashimoto, Alan.
Published: c2007.
Link to online resource - Table of contents only
THODE Bookstacks (1st floor) TA 174 .H813 2007
 - 43. **100 greatest science inventions of all time**
Author/Editor: Haven, Kendall F.
Published: 2006.
THODE Bookstacks (1st floor) T 15 .H38 2006
 - 44. **18 unconventional essays on the nature of mathematics**
Author/Editor: Hersh, Reuben, 1927-
Published: c2006.
THODE Bookstacks (1st floor) QA 8.6 .A14 2006
- Refine your search sidebar:**
 - Expand All / Collapse All
 - New Titles
 - Call Number
 - Publication Year
 - Location:
 - Thode Bookstacks (118471)
 - Thode Government Publ... (51222)
 - Thode Reference (2643)
 - Thode Reserve (1106)
 - Format
 - Subject
 - Publication Type
 - Language
 - Geographical Region
 - Subject Era
 - Author
- New Titles sidebar:**
 - Dynamical systems method for solving operator equations**
Ramm, A. G. (Alexander G.)
 - Canadian Model Forest Network achievements.**
Model Forest Network (Canada).
 - Direct methods for sparse linear systems**
Davis, Timothy A.
- Taskbar:** Start, Microsoft PowerPoint, Google Image Result, Library Catalogue - M..., Inbox for trzecia@mcm...
- System Tray:** 9:45 PM

New Services



New E-Resources

- Recent acquisitions
 - E-books
 - EEBO, Springer E-Books
 - E-Reference
 - Britannica Online
 - E-News
 - New York Times, Times of London, Wall Street Journal, Washington Post
 - E-Government
 - House of Commons Parliamentary Papers - 19th, 20th and 21st centuries
 - E-Journals
 - Blackwell, Cambridge University Press, Oxford University Press journals, Taylor & Francis journals



New Partnerships

- Center for Research Libraries (CRL)
- Coalition for Networked Information (CNI)
- International Federation of Libraries and Archives (IFLA)

- Second Life
 - HPL
 - Mohawk College



New Facilities

- Learning Commons @ Mills
- Learning Commons @ Thode



Next Steps

- Library 2010: Strategic Plan
- Beginning this spring
- Planning for
 - 2007-2008
 - 2008-2009
 - 2009-2010



Continued emphasis on “transformation”

- Staff
- Resources
- Services
- Facilities



Preparing the academic library of today for the learner of tomorrow



Questions?

