



Library Transformations: Addressing Multiple Learning Styles

Bonnie Postlethwaite
Associate Dean of Libraries
University of Missouri-Kansas City

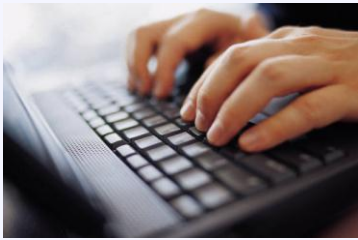
October 5, 2011
Missouri Library Association



Making Room for the Readers

- Collections squeezing out the readers
- Limited real estate
- Robotic storage = 1/7 space of traditional stacks
- Keeps collection on site





The Changing Look of Academic Libraries



1969



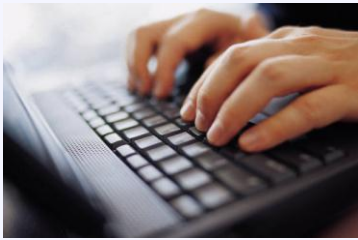
2011



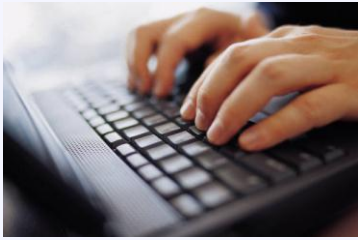


THE CHANGING NATURE OF LEARNING





| Previous Learning Styles | New Learning Styles |
|---|---|
| Learning is an individual activity | Learning is a group and an individual activity |
| Only happens in classrooms at fixed times | Learning takes place everywhere |
| Classrooms always have a front <ul style="list-style-type: none"> • Chalkboards or white boards • Tablet chairs—one-size fits all • No sound system except in largest of rooms | Learning spaces are open and flexible <ul style="list-style-type: none"> • Moveable furniture • Shared screens • No front to the room • Lots of screen projection and white boards • Technology rich |
| Rote Learning | Learning that fosters critical thinking and development of communication skills <ul style="list-style-type: none"> • Team projects • Open discussions |
| No food or drink | Café with full food service |



| | 1973 | 2004 | Growth |
|--|-------|-------|--------|
| Average Space per Student (gsf) (Society for College & Univ Planning— 2004 figure is estimate) | 300 | 880 | 295% |
| Average size of American home (gsf) (NPR) | 1,500 | 2,349 | 157% |



Guiding Principles: Information Commons 2011

- **Open:** unconfined nature of space. Suggests cross-disciplinary exchange of ideas.
- **Free:** incorporates flexibility and mobility. Students can configure to their immediate needs.
- **Comfortable:** designed for many types of learners and learning styles. A variety of comfortable furniture for the task at hand.
- **Inspiring:** dynamic space with art and technology for creative endeavor.
- **Practical:** a place where real work can take place efficiently. Printing, wireless networking, media production. Facilitates human-interaction.

Sinclair, Bryan. "Commons 2.0: Library Spaces Designed for Collaborative Learning." [EDUCAUSE Quarterly](#), no. 4, 2007.



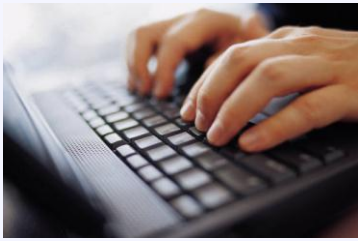
Open Space: Opening Minds

- Walls are glass or mesh
- Natural light and excellent lighting
- Mix of cloud ceilings and open infrastructure
- Use of ceiling mounted, retractable power cords
- Re-configurable furniture
- Unencumbered information exchange based on social learning and connection



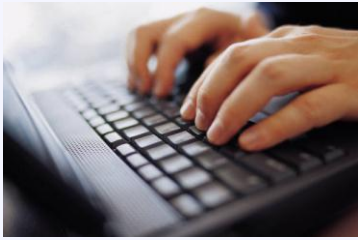
Open Space: Opening Minds





Open Space: Opening Minds





Free, Flexible, Mobile

- Wireless access with ceiling mounted, retractable power cords
- Wireless printing (coming very short)
- Much of the furniture is moveable
- A lot of surface space
- Lockers with electrical outlets for re-charging
- iX Theatre which is a flexible study area when no events are being held.



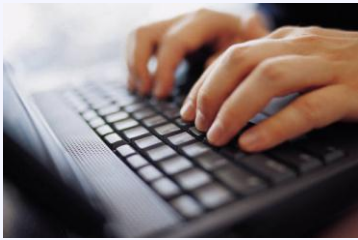
Free, Flexible, Mobile





Free, Flexible, Mobile





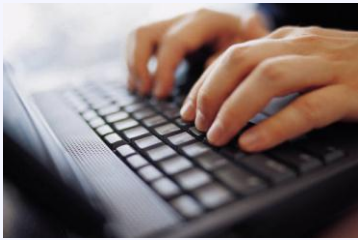
Free, Flexible, Mobile





Comfortable Options

- Café provides meals, snacks and beverage options
- Chairs selected with input from students
- Cushions, mesh backs and castors for all the task chairs
- Lounge chairs have give and support
- Re-use of former Information Commons lounge furniture on the 2nd floor for extended reading
- Large tables to spread out materials and/or collaborate with others
- Workstations have option of working along or with 1-2 other people
- ADA stations in both open, public areas as well as in a separate room for sound isolation.

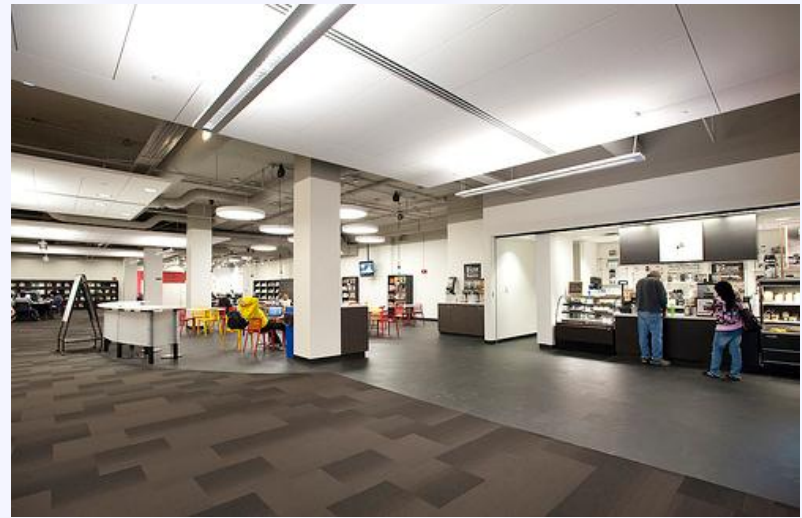


Comfortable Options





Comfortable Options

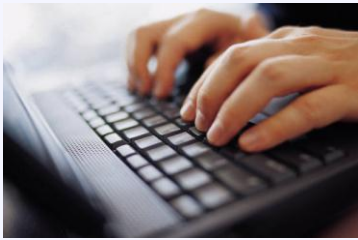




Partnering in the Academic Mission in Inspiring Ways

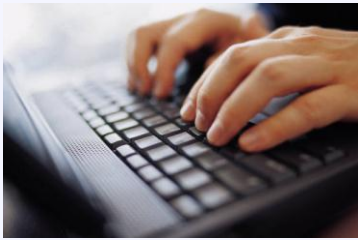


- Art Exhibits
- Student Projects
- Programs in the iX Theatre
 - African-American Read-in (annual)
 - What's Going On: Genocide and Crimes Against Humanity Series
- Book Displays



Partnering in the Academic Mission in Inspiring Ways





Partnering in the Academic Mission in Inspiring Ways

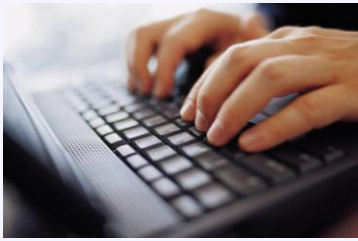


- Technology – rich learning environment
 - Computer Lab
 - Information Commons
 - Printing and copying services
 - Wireless network
 - Collaboration monitors in study rooms
- Learning spaces
 - Consultation Room
 - Presentation Practice Room
 - Study rooms and booths
 - Quiet study with large tables and lounge chairs



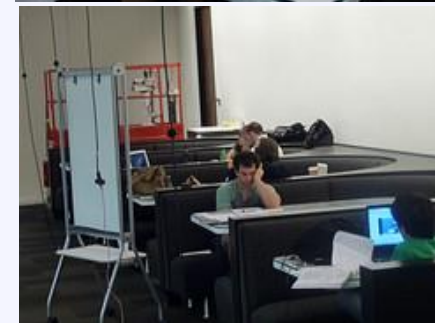
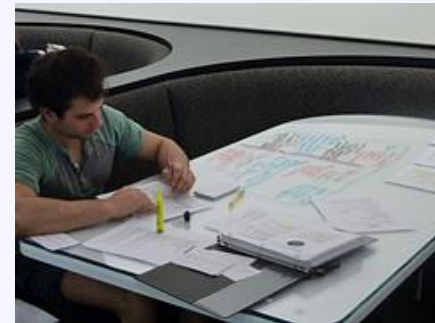
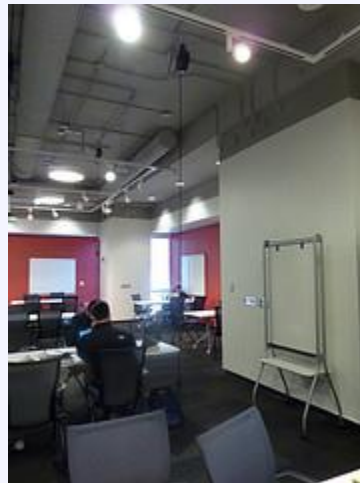
Practical learning solutions





Practical learning solutions

You can't have enough white boards or electrical outlets!





Practical learning solutions

Service is paramount!



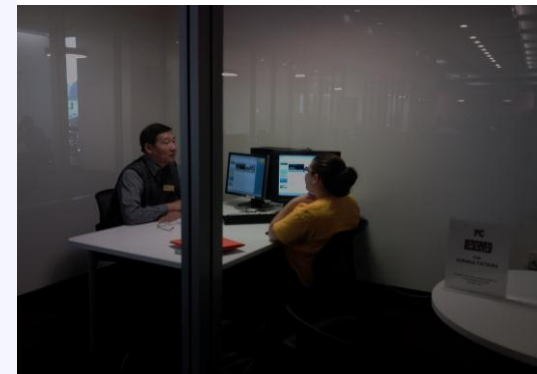
LOCKERS NOW AVAILABLE !

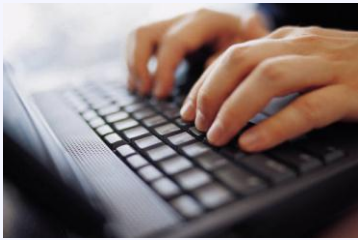
Search your stuff

Charge your Laptop + Phone

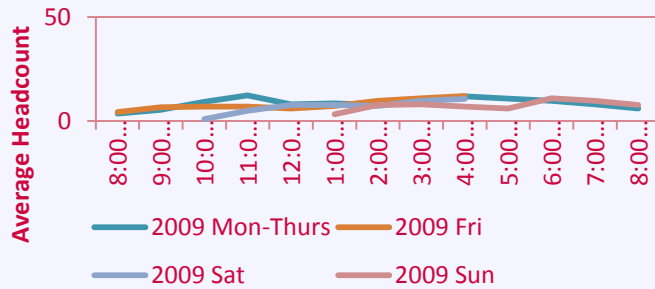
Available for 1 hour (or up to 2 days!)

VISIT THE 1st FLOOR SERVICE DESK FOR FULL DETAILS

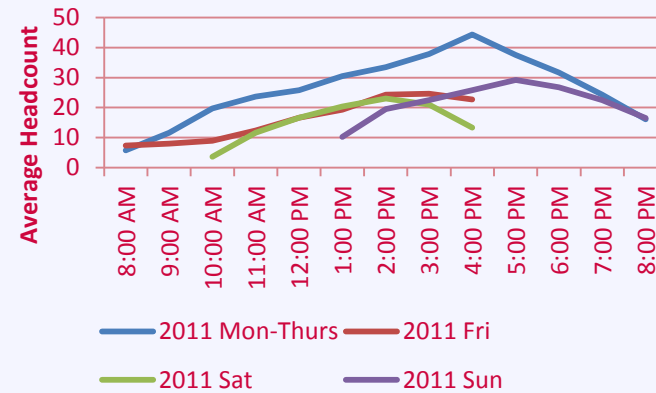




**Average Headcount Comparison
MNL Information Commons
Summer 2009**



**Average Headcount Comparison
MNL Information Commons
Summer 2011**





Bonnie Postlethwaite
Associate Dean of Libraries
postlethwaiteb@umkc.edu