Assessing our Learning Commons Implementation with Library Data

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What is a Learning Commons?

A tech enabled space with access to virtual and physical resources led by a team of professionals available to provide support and expertise to the learning commons users at their point of need.

S&T Vision: Share, Meet, Learn, Get help, Design/Create

AKA: Scholar’s Commons, Information Commons, or Digital Commons
The Question:

How have we effectively collected and utilized data to make evidence based decisions to successfully implement a learning commons in the library?
Timeline of this Initiative at Missouri S&T

2007: Campus Student Library Survey students expressed need for more study spaces

July 23, 2007: IT Helpdesk/Walk-In Center moves into the Library on the 1st Floor

2009: CLW Library Information Commons – goal on the CLW Library Strategic Plan

2010 Outtakes Coffee Shop installed in CLW Library (1st floor west corner)

February 15, 2012 to November 9, 2015: University of Missouri System President Tim Wolfe - a time of strategic planning initiatives
Timeline of this Initiative at Missouri S&T

2013: Declining library statistics

November 1, 2013: Tracy Primich starts as Director of CLW Library

2013 – 2014: Committee formed: IT and the Library partnership for implementation

August 2014 – Implemented SSD, new Desk stat collection implemented

November 2015 Coffee shop installed in front library entrance

2016 – New carpet 1st floor, added the HP Sprout, many space updates (furnishings)

September 11, 2017 – New Director Started John Furlong
Why create a Learning Commons at the CLW Library?

A science and technology institution should have a learning commons for innovation, creativity and the advancement of science, technology, and knowledge creation.
Improved student engagement and learning outcomes!

State of the art facilities and experts available to help solve problems and collaborate on ideas; establishes a higher level baseline for achievement than students without such access.
Learning Commons – Previous Architectural Plans

Too expensive - non-starter
Learning Commons – Arcturis Plans (2015-2016)
Learning Commons – Arcturis Plans: March 2016
Learning Commons – Arcturis Plans: A Phased Project

KICK OFF PHASE
- New Study Rooms
- Updates to Study Rooms

PHASE 1
- Move ICC
- Build out IT in Lower Level
- Build out Scholar’s Mine in Lower Level

PHASE 2
- Move Service Desk
- Build out First Floor Staff Space (Access Services, Break Room, Copy/Scan, & Consultation Rooms)

PHASE 3
- Move XIST
- Move Archives
- Build Stairs
- Finish Central Collaboration Area
- Build Classrooms on Lower Level
- Finish Lower Level

PHASE 4
- Run-out Second Floor Staff Space
- ITECH/ISRAEL Director Suite
- Add Glass at Overlook
- Build out Conference Rooms

PHASE 5
- Finish Second Floor Including Restrooms

PHASE 6
- Move Care
- Finish Workspace
- Finish First Floor Including Restrooms
- New Info System

PHASING OVERVIEW
03/16/16
15-2474.00

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Curtis Laws Wilson Library Decision Making Rubric

**Strategic Planning**

**Data Collection**

**Data Analysis**

**Cost-centric**

**Durability**

**Sustainability**
What does data have to do with it?

Floor Count Data – head counts
Room Reservation Data
Circulation Data
Demo Furniture
ILL Data
Instruction Data
Desk Statistics
Circulation Stats by Month – All Years Data
Monthly Circulation Data

SSD Circulation Statistics: FY to FY: Month to Month Comparison

FY 2007-2008
FY 2008-2009
FY 2009-2010
FY 2010-2011
FY 2011-2012
FY 2012-2013
FY 2013-2014
FY 2014-2015
FY 2015-2016
FY 2016-2017
Yearly Circulation Data
MST Equipment Checkouts: chargers, ipads, laptops, cables, projectors

MST Media Checkouts: Month to Month

July, Aug, Sept, Oct, Nov, Dec, Jan, Feb, Mar, Apr, May, June

2015-2016  2016-2017
Desk Statistics: Total of All Questions Answered at the SSD

Total of All Questions at SSD

- July
- August
- September
- October
- November
- December
- January
- February
- March
- April
- May
- June

- FY 2014-2015
- FY 2015-2016
- FY 2016-2017
Desk Statistics Data

Total Questions at the Desk by FY

- 2014-2015
- 2015-2016
- 2016-2017
Key Checkouts for Study and Conference Room Usage (11/2015-6/2017)

MST Study Room Key Checkouts Month to Month

- July: 0
- Aug: 200
- Sept: 400
- Oct: 600
- Nov: 800
- Dec: 1000
- Jan: 1200
- Feb: 1200
- Mar: 800
- Apr: 1000
- May: 600
- June: 200

- 2015-2016
- 2016-2017

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All Years: Monthly Comparison of Library Gate Entrances
Year by Year: Monthly Comparison of Library Gate Entrances

Month to Month Compare of Patron's Entering the Library

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Year by Year: Comparison of Library Gate Entrances
Second Floor Head Count (noon) year by year comparison

2014 - 2015
2015-2016
2016-2017
Don’t like the cubicles
makes me claustrophobic
could use some more neck support
Too personal, people might sleep in them
too personal
Looks like a dentists chair

This is my favorite, like the repositionable tray, the panels are weird though
hard to justify space but great for single person
so awesome!
revolutionizing single person study
get 60 of these
Agree ^^^
Small cubicles are fun
basically like having a private study area!
Private study with a bigger table than 5
I lied 4 the best
I really like it
Thumbs up
4 is the best
4 has power outlets under the seat
bring more of no. 4
get 4 please
neato!
I like it place it somewhere secluded for more privacy
Great place to have silent study
cover a floor with these
yes I want my own
yeah more
this is rad
excellent
is really good and awesome
10-Oct
need 80 in the basement
Possible Reasons for Improvement

- Many space updates in the CLW Library
- Outreach Librarian (external focus)
  - May 2015-September 2016
- Leadership Change (user focused)
  - November 1, 2013 – May 31, 2017
  - September 11, 2017 - present
- Access Services and Learning Commons Librarian (user and customer service focus)
  - March 2015-present
- Strong Customer Service Initiative
Limitations/Risks

- Do More with Less:
  - Time
  - Fewer Staff
  - Budget cuts – less $

- Potential Risk: Leadership change

- Unable to rehire an Outreach Librarian ($)

- Morale – benefits, retirement changes

- Limits to achieving strategic initiatives
Infinite possibilities... Strategic Partnerships

– Educational Technology (EdTech)
– Grad Studies
– Radio Station: KMNR
– Academic departments
– Information Technology
– Campus Leadership
– Library and Learning Resources Committee
– Students and Student Groups
Infinite possibilities...for spaces and problem based learning!

- Movie making studio
- Data Visualization Center
  - Surround sound
  - Theater seating
- 3D projects
- HP Sprout on 2nd Floor already!
- Makerspace
- Computers! And MORE Power outlets!!!!

How does your data positively reflect your patron's library experiences?
Questions?

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