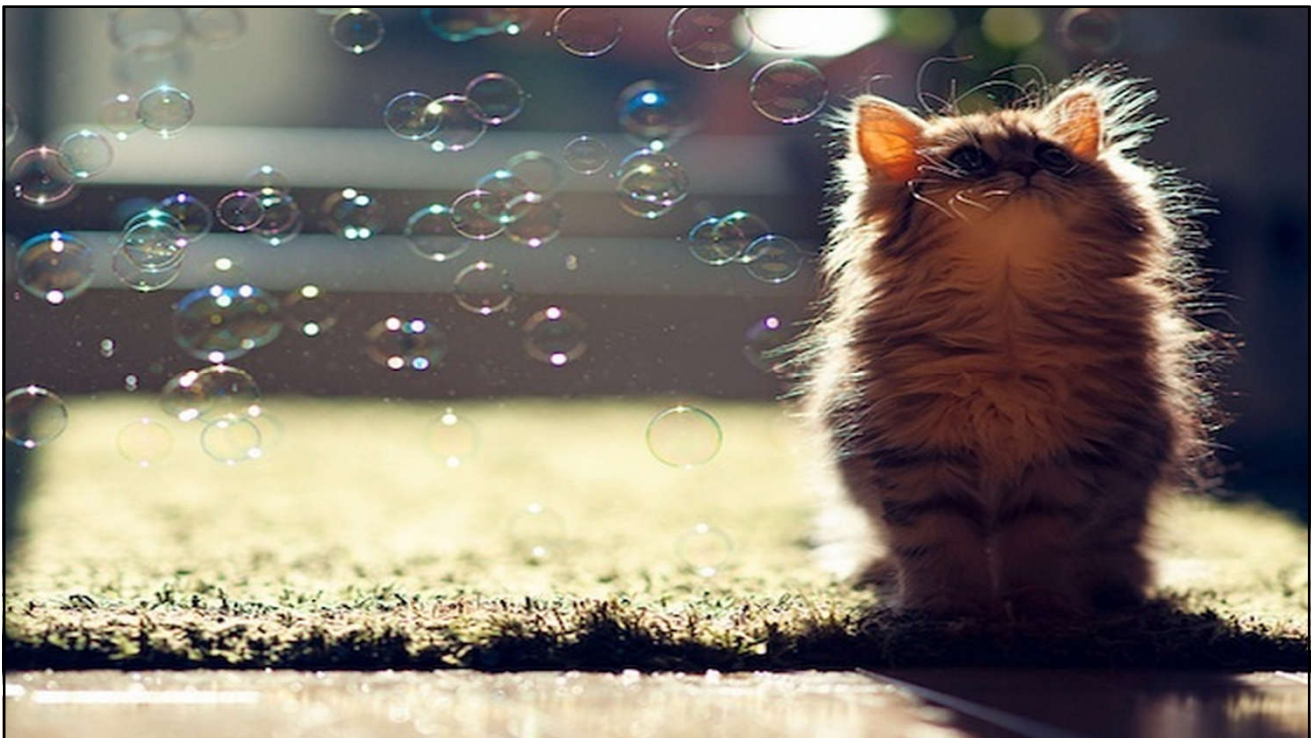


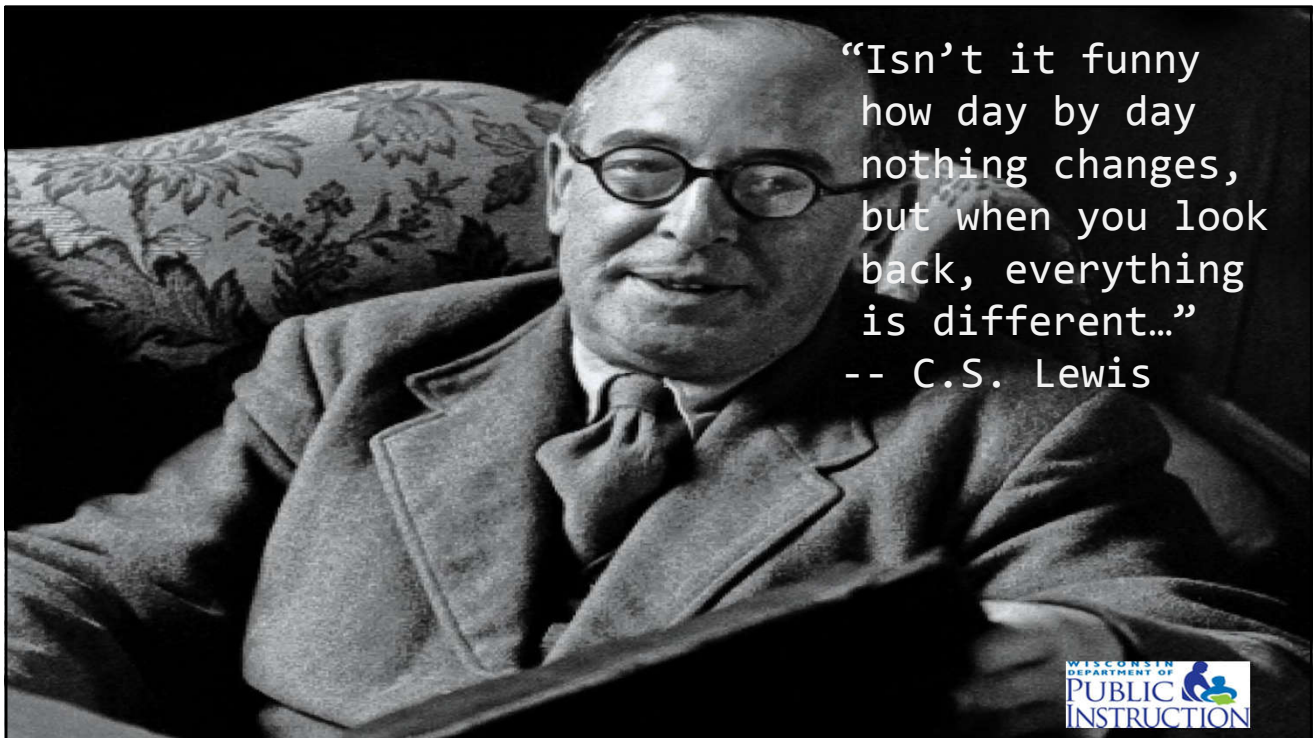
**“Isn’t it funny how day by day nothing changes,
but when you look back, everything's different...”**

WLS/MWFLS Technology Day
September 15, 2015
Ryan Claringbole
Technology Consultant with PLDT



What Shall We Talk About Today?

- CIPA (as it relates to E-rate)
- WiFi Usage / Data
- Privacy
- Coding Initiative
- Makerspaces in the State and Nation
- ILEAD USA - Wisconsin
- Communication
- DPLA



CIPA

Children's Internet Protection Act

"To receive support for Internet Access, Internal Connections, and Basic Maintenance services, school and library authorities must certify that they are enforcing a policy of Internet safety that includes measures to block or filter Internet access for both minors and adults to certain visual depictions."



CIPA

Requirements (aka what we really want to know):

1. Internet safety policy
2. Public notice and hearing or meeting
3. Technology protection measure



CIPA

1. Internet Safety Policy - must address the following issues:
 - a. access by minors to inappropriate matter on the Internet
 - b. safety and security of minors in a digital setting
 - c. unauthorized access aka hacking
 - d. unauthorized disclosure and use of personal information
 - e. measures designed to restrict access to materials harmful to minors



CIPA

2. Public Notice and Hearing or Meeting
 - a. must provide reasonable public notice and hold at least one public hearing
 - b. meeting must address proposed technology measure and Internet safety policy
 - c. a regular scheduled library board meeting would suffice
 - d. make sure documentation of meeting is kept!!

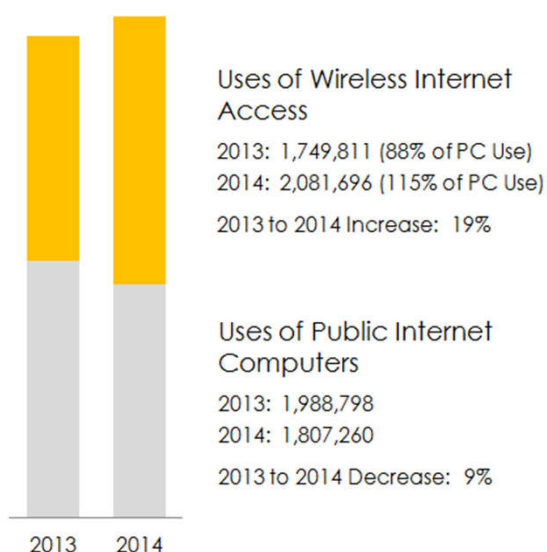


CIPA

3. Technology Protection Measure
 - a. specific technology that blocks or filters Internet access *to the best of the library's abilities*
 - b. a person is authorized to turn off the filter or block for an adult for legitimate research or lawful purposes



Internet Computer and Wi-Fi Uses
at the 114 Wisconsin Public Libraries that
reported both statistics in 2013 and 2014



Internet Computer vs. Wireless

Looking for options /
recommendations for
wireless systems.



Wireless Usage in Libraries

What we are currently working on is talking with regional library systems, libraries, and other states on what they are using for wireless management systems, what is working, and what data is being collected.

Ex. Wireless sessions vs. unique visitors



Dark Data



Data Talk

Libraries are trying to catch up with what types of data to collect and how to collect usage accurately. Some believe that maybe there are sets of data that we don't collect that accurately represent library services today. Hence the term "dark data."

Question: What services does your library provide that is not being counted?

Coming soon: Website visits (on the national level)



Privacy

DPI will be looking more into how libraries can meet the needs of the community while also upholding patron privacy.

- National Information Standards Organization (NISO) discussions currently going on to protect patron privacy
- The framework has librarians of all types, vendors, and publishers trying to find how to maintain patron privacy while still providing quality service
- Report to be released to public soon.



Privacy

(Speaking of data...)

Measure the Future, run by Jason Griffey, received a Knight Foundation grant. It calls itself “the Google Analytics for library buildings” as it monitors how patrons are actually using the library space using open hardware.

Currently in beta testing with a couple libraries, one academic and one public.

MEASURE
the
FUTURE



WISCONSIN
DEPARTMENT OF
PUBLIC
INSTRUCTION

Privacy

Jason Griffey understands that there are concerns with Measure the Future regarding privacy. He is currently going around and explaining to people what his vision is. He will be using cameras to measure the movement of people in the library, but he points to two key things:

1. The cameras won't know who it is counting. I believe no demographic information will be recorded.
2. Using computer vision with “blob detection,” the sensors will be able to tell how fast people are moving, what direction they are going, and how long they stay in one spot.



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Coding Initiative

The goal is to share with the Wisconsin library community what coding is about, what it can do in communities, in libraries, and what partners there might be in your community to work with.



Coding Initiative

What do we mean by Coding Initiative?

- Coding and programming
- Coding as a literacy
- Focus to be for all ages
- Awareness and application - not about becoming experts (both patrons and librarians), but to know more about what coding/programming can do.
- Find out who potential partners are





“Empowerment is a cliché but that is quite literally what learning code gives you: the power to see and change more of your world.”

- Andromeda Yelton



Coding Initiative

Timeline

Year One - gather resources, establish online presence, get out information on “what is coding?”

Year Two* - continue to gather resources, pilot project with system/libraries, possibly host a hackathon.

Year Three* - open up competitive grants to all systems and libraries.

*Funding permitted



Creating in Libraries

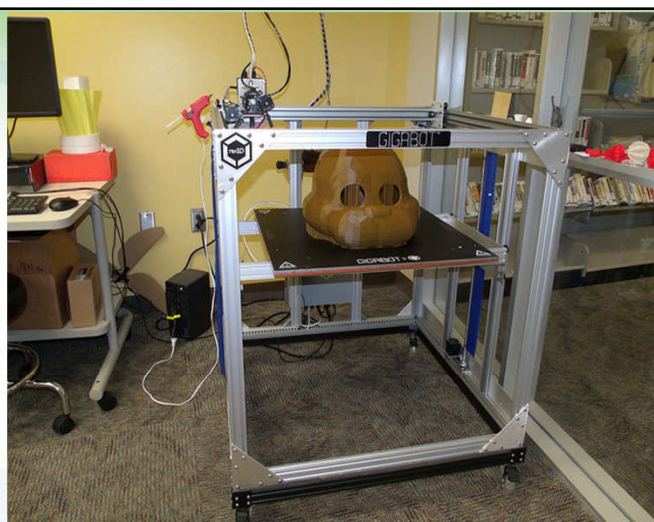
aka Maker Movement
aka Makerspaces

DPI is looking to establish a Best Practices for libraries to implement and/or expand Makerspaces in the library.

- Scaleable for libraries of all sizes
- Mobile Makerspaces (ex. Arrowhead Library System)
- Copyright / Intellectual property information
- What are the outcomes?
- How can this be shown through data?



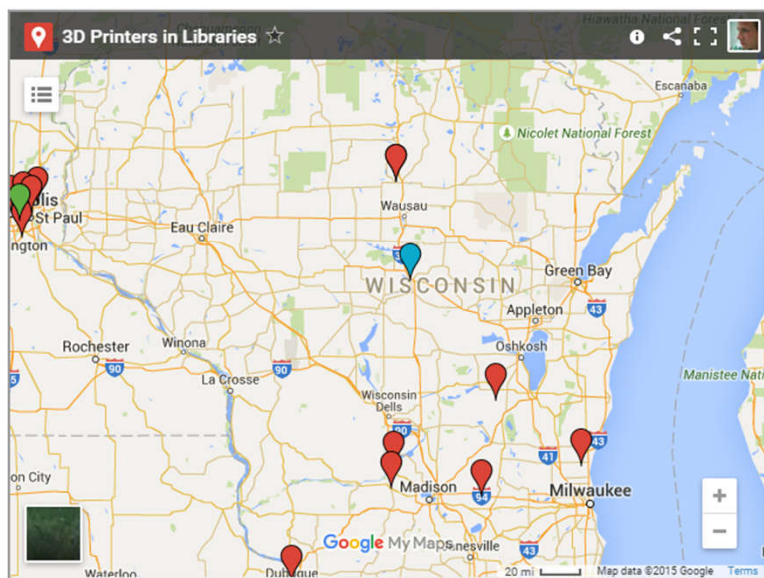
Chicago Public Library Makerspace



Harris County Public Library



Map of 3D Printers in Libraries



Map of 3D Printers in Libraries courtesy of Amanda Goodman, User Experience Librarian at Darien Public Library in Darien, CT.



ILEAD USA - Wisconsin

In October we will be wrapping up our first ILEAD USA - Wisconsin, a leadership immersion program that has teams of 5 library staff (from various types of libraries) identify a community need and work on a project that addresses that community need using and learning about participatory technology.





ILEAD USA - Wisconsin

Team DigitalHumanities	Digitization w/ StoryCorps project
Team Early Literacy Innovators	Educate librarians as mobile mentors/app selectors
Team Enrich the Future, Tap Into the Past	Kits/training for digitizing collections
Team Minerva	Online presence to facilitate public and school librarian collaboration
Team MKE Mixers	Mobile makerspace
Team WisCode Literati	Coding in libraries

We invite the library community to come and see the presentations at the Heidel House in Green Lake, Wisconsin on Thursday, October 29!



Communication With the Division

(You might have heard about this already.)

- Blog - Wisconsin Libraries For Everyone
 - launched in January 2015
 - replaced Channel Weekly
 - one-way communication (announcements, updates)
- Google Communities
 - rollout - some launched, more in the future
 - - two-way communication (conversations)
 - - various subjects (Classifieds, Administration, etc.)



TUESDAY, SEPTEMBER 15, 2015

In Case You Missed It!

The BadgerLink team has had a busy Summer. Here's what we've been up to:

EXPLORA

Explora is a new EBSCO resource. Each Explora interface features an attractive, user-friendly design that is easily viewed on mobile devices. Starting June 30, 2015, Explora replaced Searchasaurus, Kids Search, Student Research Center.

Read more from the Badger Bulletin:

- <http://badgerlink.dpi.wi.gov/bulletin/2015/04/explora-now-available>
- <http://badgerlink.dpi.wi.gov/bulletin/2015/03/what-you-need-know-about-explora>

AMERICAN DOCTORAL DISSERTATIONS

EBSCO has provided a new resource to BadgerLink, [American Doctoral Dissertations, 1933-1955](#). This resource includes nearly 100,000 dissertations from 1933 through 1955, and is a full image copy of the original print index [Doctoral Dissertations Accepted by American Universities](#).

ABOUT

The communication channel for the Wisconsin Division for Libraries & Technology on news pertaining to Wisconsin libraries.

FOLLOW BY EMAIL

CONTACT THE BLOG ADMINISTRATORS (PLEASE STATE WHAT POST YOU ARE REFERRING TO IN THE MESSAGE.)

Name

Email *

Message *

Communication - Communities

The Department of Public Instruction's Division for Libraries and Technology will be creating various Google+ Communities where you can share images or videos, post messages, and connect with the Wisconsin Library community.

Why Google Communities?

- powerful and robust for two-way communication
- can easily implement notifications to your email
- can attach your work email to Google account
- can mute individual threads if you would like
- No "out of office" replies!



Communication - Communities

Rollout Schedule

Already launched -

- WI DPI Library Classifieds
- WI DPI Resource Sharing
- WI DPI School Libraries

Coming at the end of September -

- WI DPI Public Library Administration and Data



DPLA

Wisconsin is officially a Service Hub in the Digital Public Library of America! (launching in 2016)



DPLA

DPLA is a portal and platform that allows for discoverability of local digital collections on an unprecedented scale. With each added Hub, whether it is a Content or Service Hub, DPLA allows software developers, researchers and others to create learning tools and apps for discovery and engagement through its API.



DPLA

The following are Governing Partners of the DPLA Service Hub:

- UW-Madison
- UW-Milwaukee
- Milwaukee Public Library
- Wisconsin Historical Society
- WiLS
- Department of Public Instruction

Recollection Wisconsin is the collaborative that will be running the Service Hub.



The Challenge

Please think about these topics and discuss with your colleagues. Give us your feedback!

If you have any questions or thoughts on the topics discussed today - or maybe want to hear more on topics that were not discussed - please contact us!

Ryan Claringbole - ryan.claringbole@dpi.wi.gov



Slide Images

Slide 2: Cutest Cat Pictures <https://www.quora.com/What-is-the-cutest-cat-picture>
 Slide 4: C.S. Lewis <http://thecommonvision.org/features/reflections-on-cs-lewis/>
 Slide 12: Nasa's Marshall Space Flight <https://flic.kr/ps/rizTT>
 Slide 18: Techsoup - Host a Coding Class in Your Library <https://www.techsoupforlibraries.org/blog/host-a-coding-class-at-your-library-resources-and-tools>; Andromeda Yelton, "why should librarians learn python? (a better answer)" <http://andromedayelton.com/blog/2012/08/28/why-should-librarians-learn-python-a-better-answer/>
 Slide 21: Chicago Public Library (https://www.flickr.com/photos/cpl_makerspace/20576696949/) / Harris County Public Library (<https://www.flickr.com/photos/hcplebranch/21109672192/in/album-72157641870068855/>)
 Slide 22: Amanda Goodman website <http://www.amandagoodman.com/3d/>
 Slide 24: Lester Library Flickr account <https://www.flickr.com/photos/lesterpubliclibrary/sets/72157652610593844/>



Resources

DPI PLDT - <http://pld.dpi.wi.gov/>
 DPI RLL - <http://rl3.dpi.wi.gov/>
 NISO Privacy Discussion - http://www.niso.org/topics/tl/patron_privacy/
 3D Printer LITA Interest Group (in progress) <https://findmea3dprinter.wordpress.com/libraries/>
 Wisconsin Libraries for Everyone Blog - <http://wilibrariesforeveryone.blogspot.com/>
 ILEAD USA - WI - http://pld.dpi.wi.gov/pld_ileadusawi
 DPLA - <http://dp.la/>
 Google Communities -
[WI DPI Library Classifieds](#)
[WI DPI Resource Sharing](#)
[WI DPI School Libraries](#)

