



# think **BIGGER**; Amplifying librarianship with state-of-the-art technology

**Carl Grant**

Associate Dean, Knowledge Services  
and Chief Technology Officer



The UNIVERSITY of OKLAHOMA  
LIBRARIES  
libraries.ou.edu

June 2016

Creative Commons License:  Some rights reserved by [Sideréal](#)



The UNIVERSITY of OKLAHOMA  
LIBRARIES  
libraries.ou.edu

# Agenda

1. Introduction – A story about a research library
2. The 3 things you need to remember at the end:
  - a. Have a plan, i.e. know where you're headed
  - b. Think BIGGER
  - c. Radically Collaborate
3. Conclusion

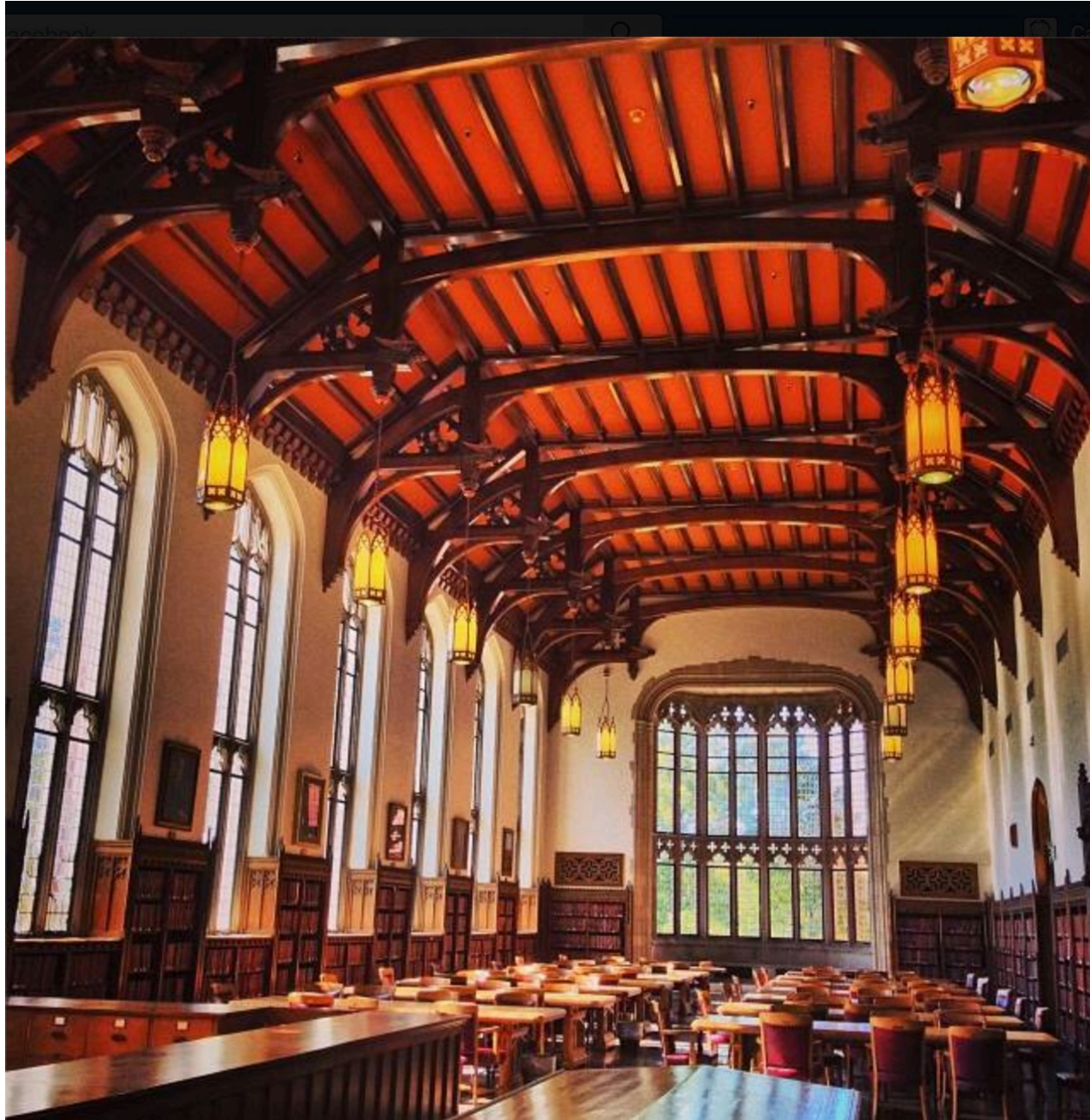
# Agenda

1. Introduction – A story about a research library
2. The 3 things you need to remember at the end:
  - a. Have a plan, i.e. know where you're headed
  - b. think BIGGER
  - c. Radically Collaborate
3. Conclusion





The UNIVERSITY of OKLAHOMA  
LIBRARIES  
[libraries.ou.edu](http://libraries.ou.edu)



The UNIVERSITY of OKLAHOMA  
LIBRARIES  
libraries.ou.edu

# Agenda

1. Introduction – A story about a research library
2. The 3 things you need to remember at the end:
  - a. Have a plan, i.e. know where you're headed
  - b. think BIGGER
  - c. Radically Collaborate
3. Conclusion

# **University Libraries Strategic Plan (i.e. know where you're headed!)**







Photo by Carl Grant

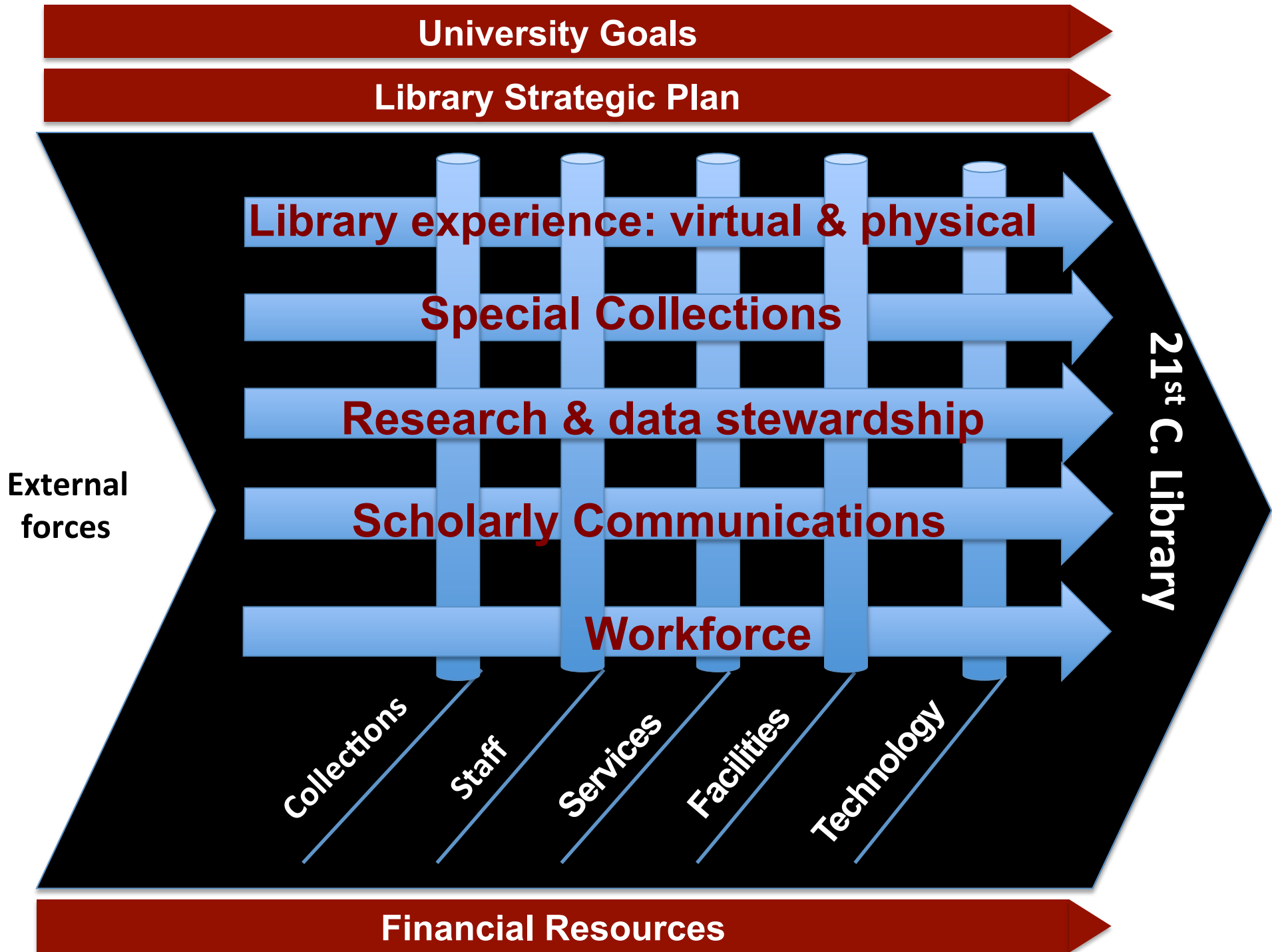
**“Vision without action  
is a daydream. Action  
without vision is a  
nightmare.”**  
*Japanese Proverb*

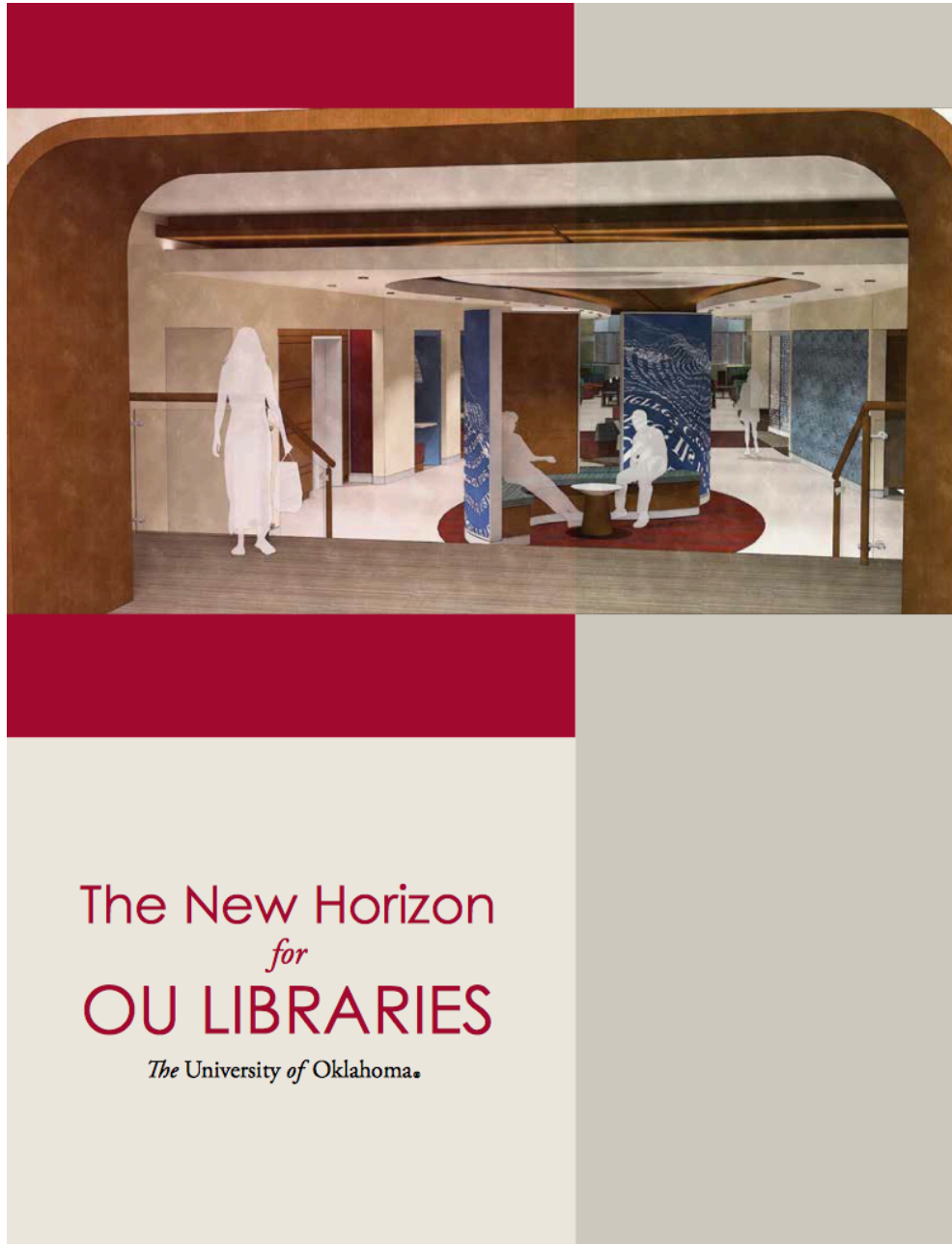
# Provost Goals

## Defined As:

- P1. Student Success
- P2. Faculty Impact
- P3. Community Impact
- P4. Brand Equity







The New Horizon  
*for*  
OU LIBRARIES  
*The University of Oklahoma.*



The UNIVERSITY of OKLAHOMA  
LIBRARIES  
libraries.ou.edu



# **University Libraries Strategic Plan (turning it into vision & action)**





The UNIVERSITY of OKLAHOMA  
LIBRARIES  
libraries.ou.edu

# Creating the 21<sup>st</sup> Century Library

## Highlights from last 36 months...

### **Creating excellence in the library experience: Physical & Virtual**

- New Discovery tool (Primo) & LSP (Alma) implemented
- New Website implemented
- Collaborative Learning Commons & Digital Scholarship Lab opened
- Special Collections floor (5<sup>th</sup>) remodeled

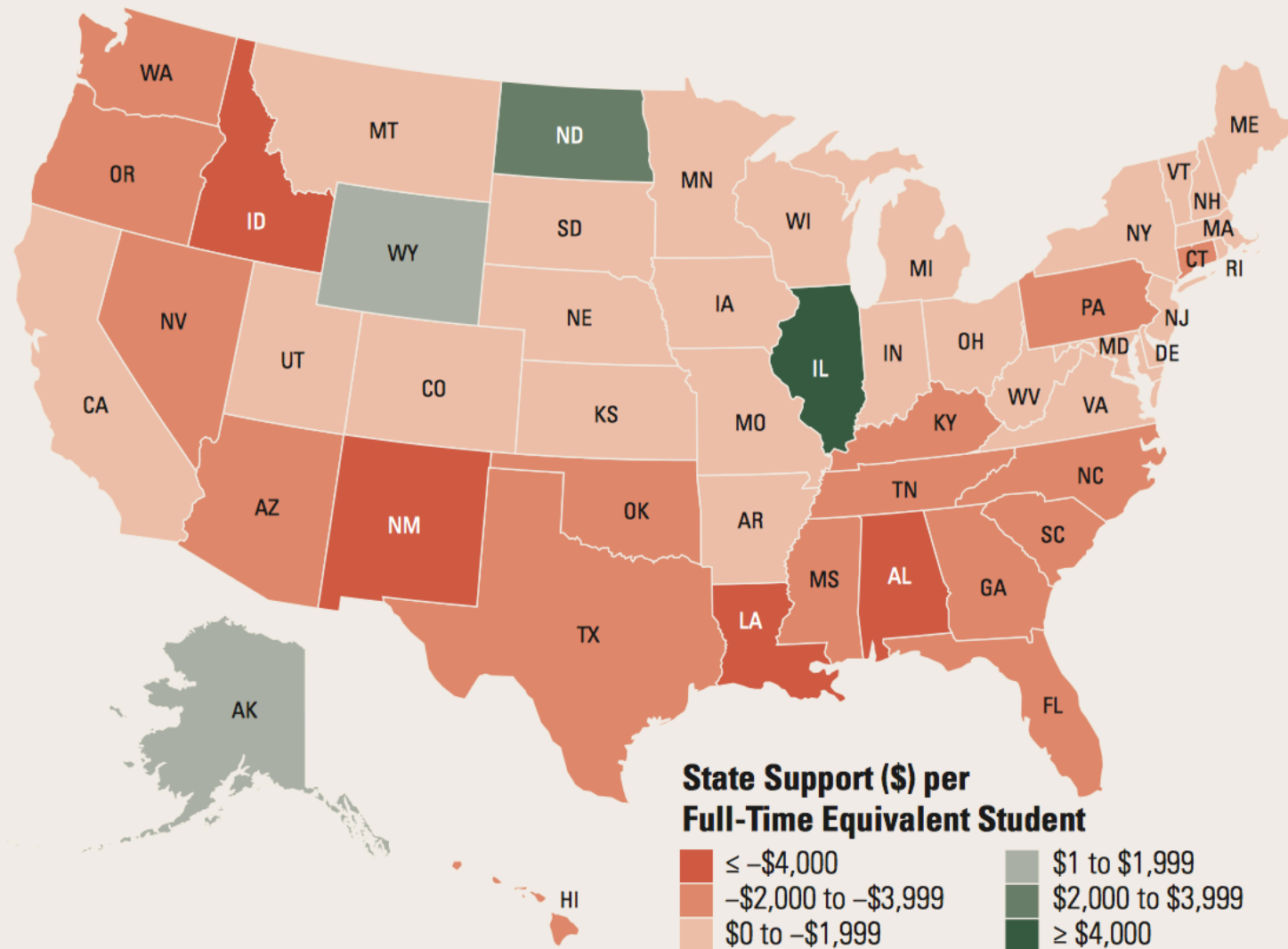
### **Building on excellence in Special Collections**

- Built and opened a new Digitization Laboratory
- Galileo's World Exhibition launched (2015-2016)

### **Supporting OU Campus Research**

- New Digital Scholarship Lab opened and staffed
- New Researchers Tools Webpage
- Supporting Open Access & Edition Open Access
- New ShareOK repository & Open Journal System (shared w/OSU)
- Open Educational Resources (OER) now supported
- Innovation @ the Edge opened. Innovation Hub – August 16, 2016
- CLIR Postdoctoral Fellow in VR Preservation/Archiving – Sept 1

Figure 6: **Change in State Support for Public Higher Education (All Public Colleges and Universities) per Full-Time Equivalent Student, 2008 to 2014**



[https://www.amacad.org/multimedia/pdfs/publications/researchpapersmonographs/PublicResearchUniv\\_ChangesInStateFunding.pdf](https://www.amacad.org/multimedia/pdfs/publications/researchpapersmonographs/PublicResearchUniv_ChangesInStateFunding.pdf)



# Agenda

1. Introduction – A story about a research library
2. The 3 things you need to remember at the end:
  - a. Have a plan, i.e. know where you're headed
  - b. Think **BIGGER**
  - c. Radically Collaborate
3. Conclusion

# Some examples...



# Built a DigiLab









## Digital Scholarship Laboratory





**An Exhibition without Walls**  
20 Exhibits • 7 Locations • 3 Campuses



THE 125th  ANNIVERSARY

---

**LIVE ON, UNIVERSITY**

---



The UNIVERSITY of OKLAHOMA  
LIBRARIES  
libraries.ou.edu



## Major goals of G.W. Exhibition (know where you're going):

- Celebrate the 125 anniversary of the University.
- Emphasize the library as the intellectual crossroad, bring the University together around the exhibit.
- Everyone, anywhere should be able to go and see it (physically or virtually, now and **far into the future**)
- Make it appealing to scholars, public & youth
- Show the importance of science and that knowledge builds on knowledge





# An Exhibition without Walls

20 Exhibits • 7 Locations • 3 Campuses



[HOME](#) [EXHIBITS](#) [LOCATIONS](#) [EVENTS](#) [VISITORS](#) [EDUCATORS](#) [NEWS](#)

Highlighting our special collections in a cross-campus exhibition featuring:

- 20 exhibitions
- 7 locations
- 3 campuses
- Virtual website





## An Exhibition without Walls

20 Exhibits • 7 Locations • 3 Campuses



### Featured in main lobby of Library:

- 20 foot replica of Tower of Pisa
  - Built by College of Engineering
  - Operating ball drop simulating Galileo's reported test
  - Speeds calculated and reported to user



The UNIVERSITY of OKLAHOMA  
LIBRARIES  
libraries.ou.edu



# An Exhibition without Walls

20 Exhibits • 7 Locations • 3 Campuses





# An Exhibition without Walls

20 Exhibits • 7 Locations • 3 Campuses





# An Exhibition without Walls

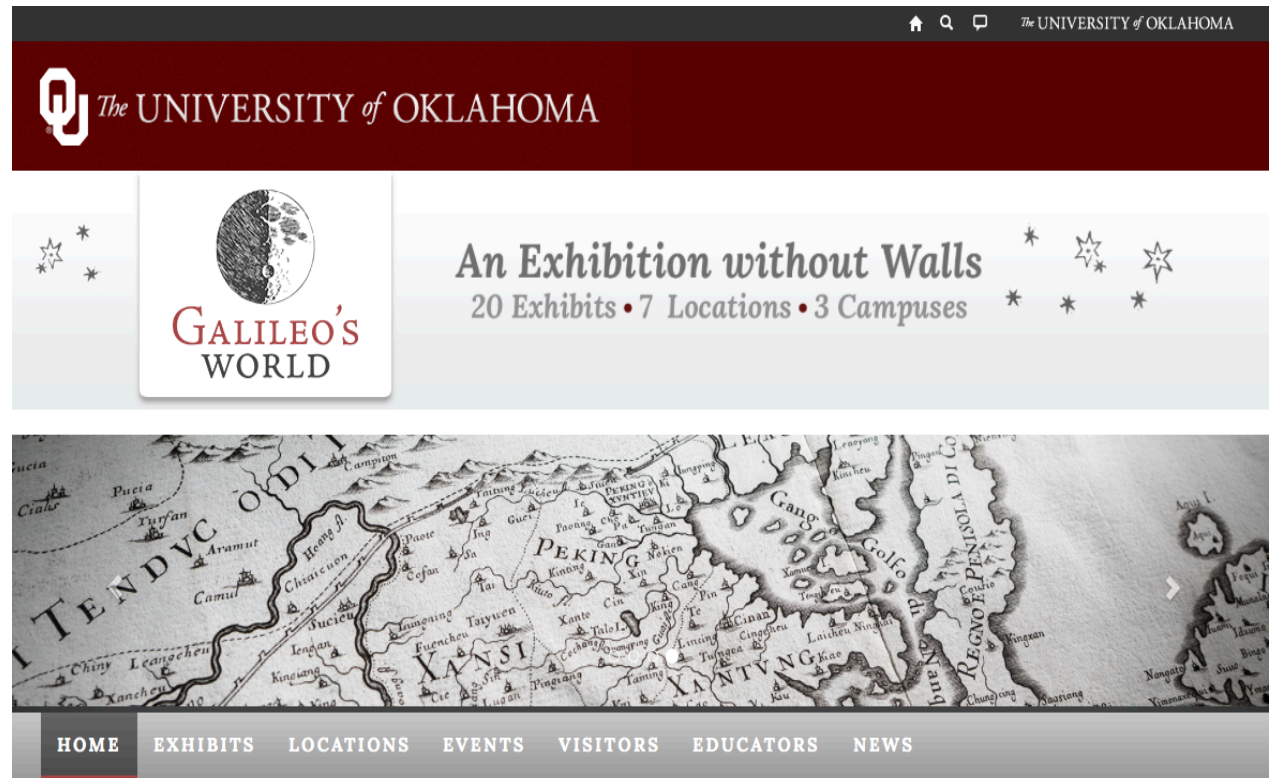
20 Exhibits • 7 Locations • 3 Campuses

## Website

<http://galileo.ou.edu>

Drupal based website developed

- Descriptions from the Curator
- Images of every item in exhibit
- Embedded book viewer for most works
- Information on all exhibits, events, programs, educational resources.
- Links to social media.





# An Exhibition without Walls

20 Exhibits • 7 Locations • 3 Campuses



UNIVERSITY OF OKLAHOMA

**UNIVERSITY LIBRARIES**  
The UNIVERSITY of OKLAHOMA


**DISCOVER!**

Discover Local (Catalog)  
Advanced Search

OUNetID \* Password \* Log In

HOME ABOUT HOURS & LOCATIONS RESOURCES SERVICES EVENTS CONTACT Ask Us!

### OU HISTORICAL TIMELINE



1900  
The President in His Office

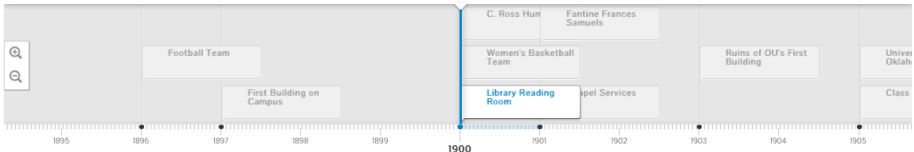
**1900  
Library Reading Room**

The 1898-99 "University Catalogue" reported that the reference library in the university's first building contained two thousand volumes. The reading room, shown here, was connected to the library and was advertised as offering the nation's leading newspapers and other periodicals.

1900  
C. Ross Hume

OU Collection no. 884, Western History Collections, OU Libraries

Students studying in the library




1895 1896 1897 1898 1899 1900 1901 1902 1903 1904 1905

Football Team  
First Building on Campus  
C. Ross Hume  
Fantine Frances Samuels  
Women's Basketball Team  
Library Reading Room  
apel Services  
Ruins of OU's First Building  
Univer Oklah  
Class

**libraries.ou.edu/timeline**

Browse online to learn about the interesting people, places and events throughout our history that have shaped OU, or visit the OU History exhibit in our Western History Collections (Monnet Hall).



*This computer is reserved for those wishing to browse the timeline.  
Please use another workstation for personal research.*

**Explore OU History**

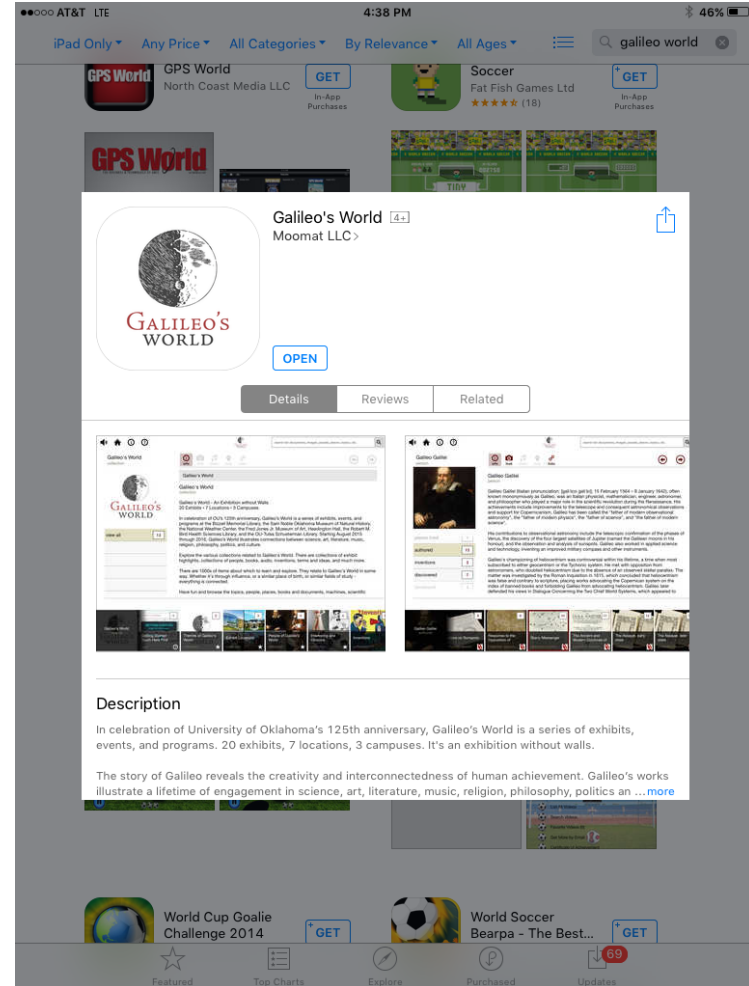


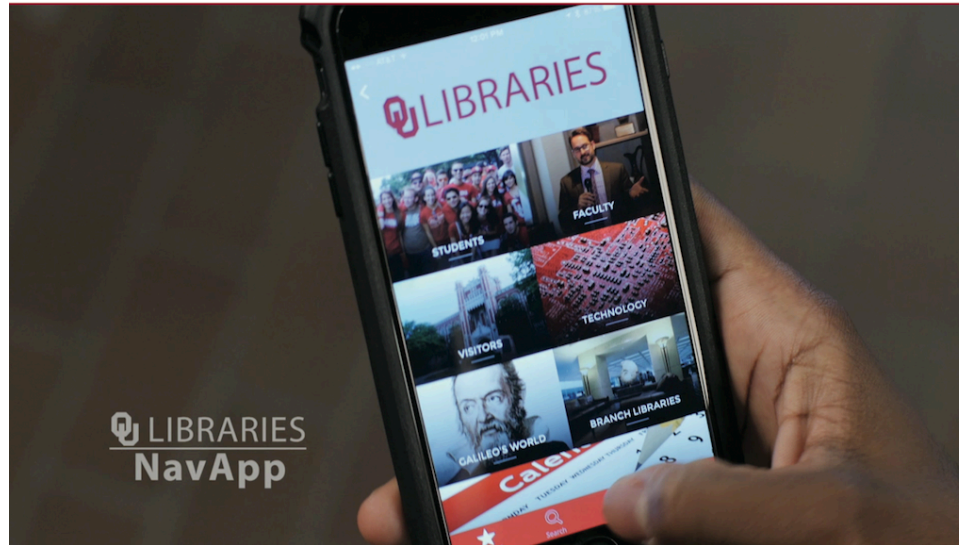


# An Exhibition without Walls

20 Exhibits • 7 Locations • 3 Campuses

## MooMat's CultureScout implementation of Galileo's World is downloadable from the App Store





## OU Libraries developed its first mobile app, OU Libraries NavApp

- For iOS and Android
- Provides Bluetooth-beacon-based indoor navigation in OU's main library (Bizzell), exhibit case-specific content and,
- GPS-based outdoor navigation across the OU Norman campus





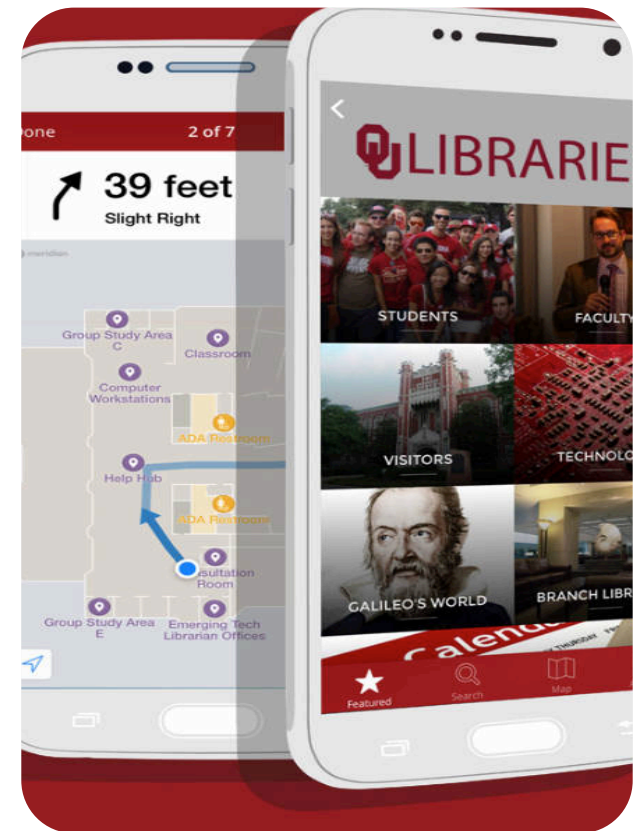
## An Exhibition without Walls

20 Exhibits • 7 Locations • 3 Campuses



### Goals of NavApp?

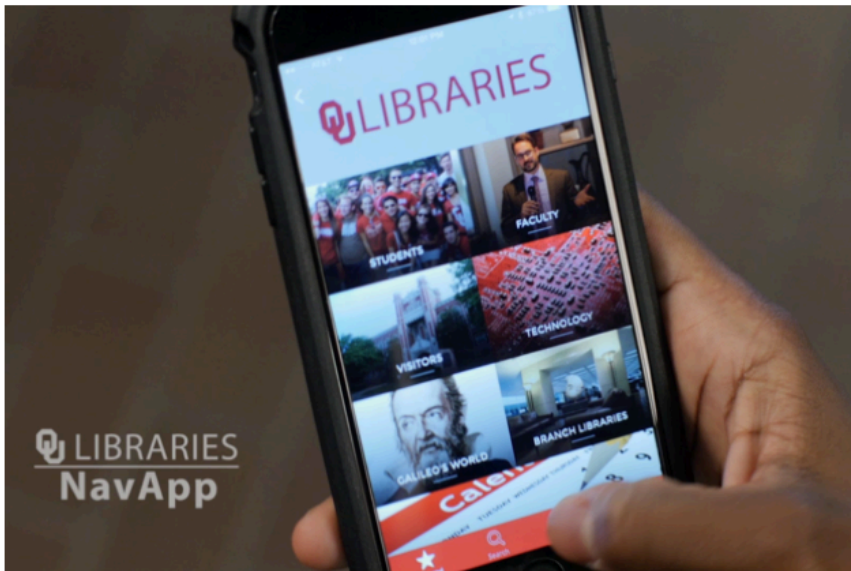
- Unify digital/physical campus resources
- Simplify complex indoor (and outdoor) environments
- Support Galileo's World exhibition across campus
- Generate campus-wide interest in innovative tool
- Feed useful content based on location and user type
- Provide analytics for gauging resource usage throughout campus



Home > Networking > Wireless Networking

NEWS

# Oklahoma Sooners use beacons, sensors in rooms on massive campus



The University of Oklahoma has created an app that students can use to navigate to group meeting rooms and other locations on campus using Aruba beacons and sensors. Credit: Aruba

## Beacon technology still in early-adopter stage, analysts report



By **Matt Hamblen** FOLLOW

Computerworld | Dec 2, 2015 3:00 AM PT

RELATED TOPICS

Wireless Networking

Mobile & Wireless

The University of Oklahoma has begun rolling out beacon technology to help students find study rooms and class information at the central library and other buildings by using their smartphones about the vast campus in Norman, Okla.

**CAMPUS TECHNOLOGY**

- NEWS
- OPINION
- RESEARCH
- TUTORIALS
- FEATURES
- RESOURCES
- CASE STUDIES
- NEWSLETTERS

Networking/Wireless AV & Presentation Software & Systems Green ERP

< Cooking up Faster Mobile Image Processing Study: Millennials Spend More Than 3 Hours a Day on Mobile Phones >

[G+1](#) [0](#)
[Tweet](#)
[in Share](#) [15](#)
[f Share](#) [0](#)
[Printable Format](#)
[E-Mail this page](#)

Mobile

# U Oklahoma Libraries Launches Navigation App

By **Rhea Kelly** | 08/25/15

Patrons at the **University of Oklahoma Libraries** can now navigate the system's collections, exhibits and campus landmarks via smartphone. The university has deployed **Aruba Beacons** and the **Aruba Meridian Mobile App Platform** to create the OU NavApp, a mobile app that provides turn-by-turn directions, location-based information and educational content to help students, faculty and visitors find their way through the seven-floor, 400,000-square-foot library system.

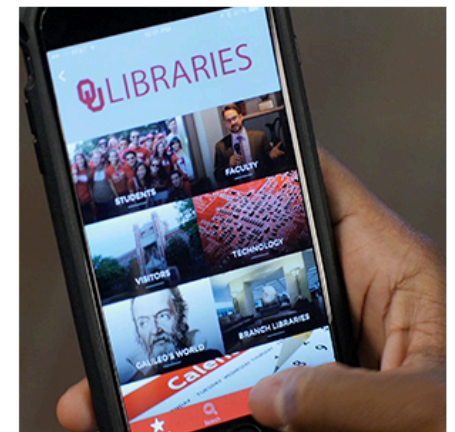


Photo: Business Wire

# 2016 Campus Technology Innovators



## Education Futurists

University of Oklahoma

Project: OU Libraries NavApp

Project Leads: Matt Cook, emerging  
technologies librarian

Vendors/technologies: Aruba, Meridian,  
RFIP





## An Exhibition without Walls

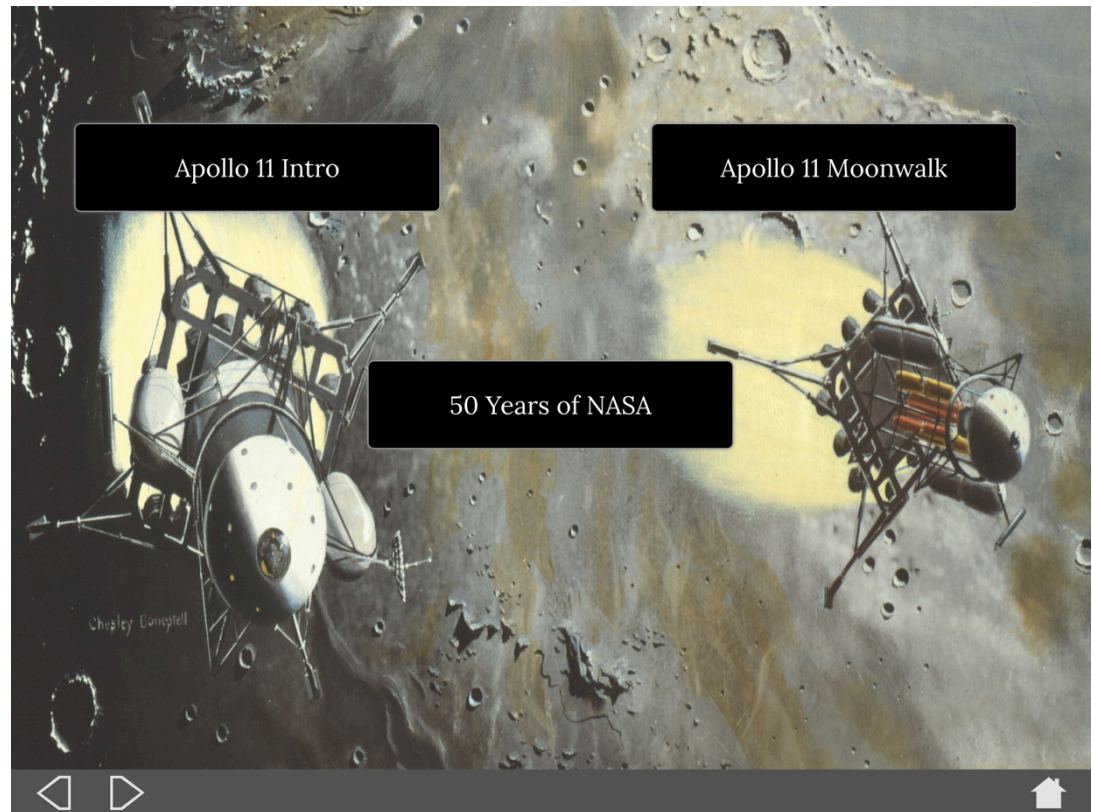
20 Exhibits • 7 Locations • 3 Campuses



### Tablet Displays

Developed a separate app for each nook in Digital Technology Square, including:

1. Dawn of Space Age
2. Mars and the Imagination
3. Quest of Other Worlds



The UNIVERSITY of OKLAHOMA  
LIBRARIES  
libraries.ou.edu



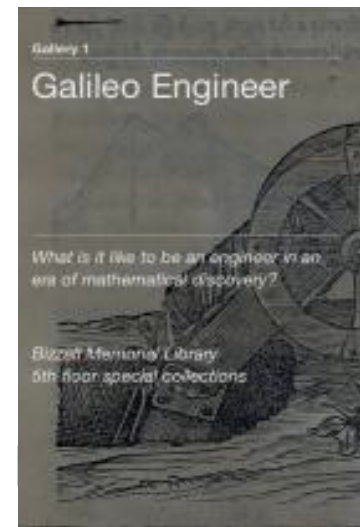
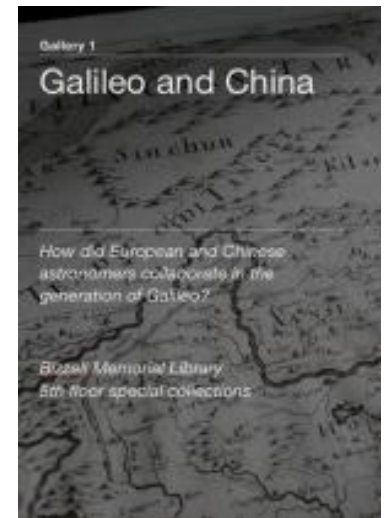
# An Exhibition without Walls

20 Exhibits • 7 Locations • 3 Campuses



## E-Books

- Created “Gallery Guides” using iBook Author
- Offered 2 versions:
  - PDF for people w/o iPads
  - iBook version (fully interactive)





## An Exhibition without Walls

20 Exhibits • 7 Locations • 3 Campuses



## Hackathons

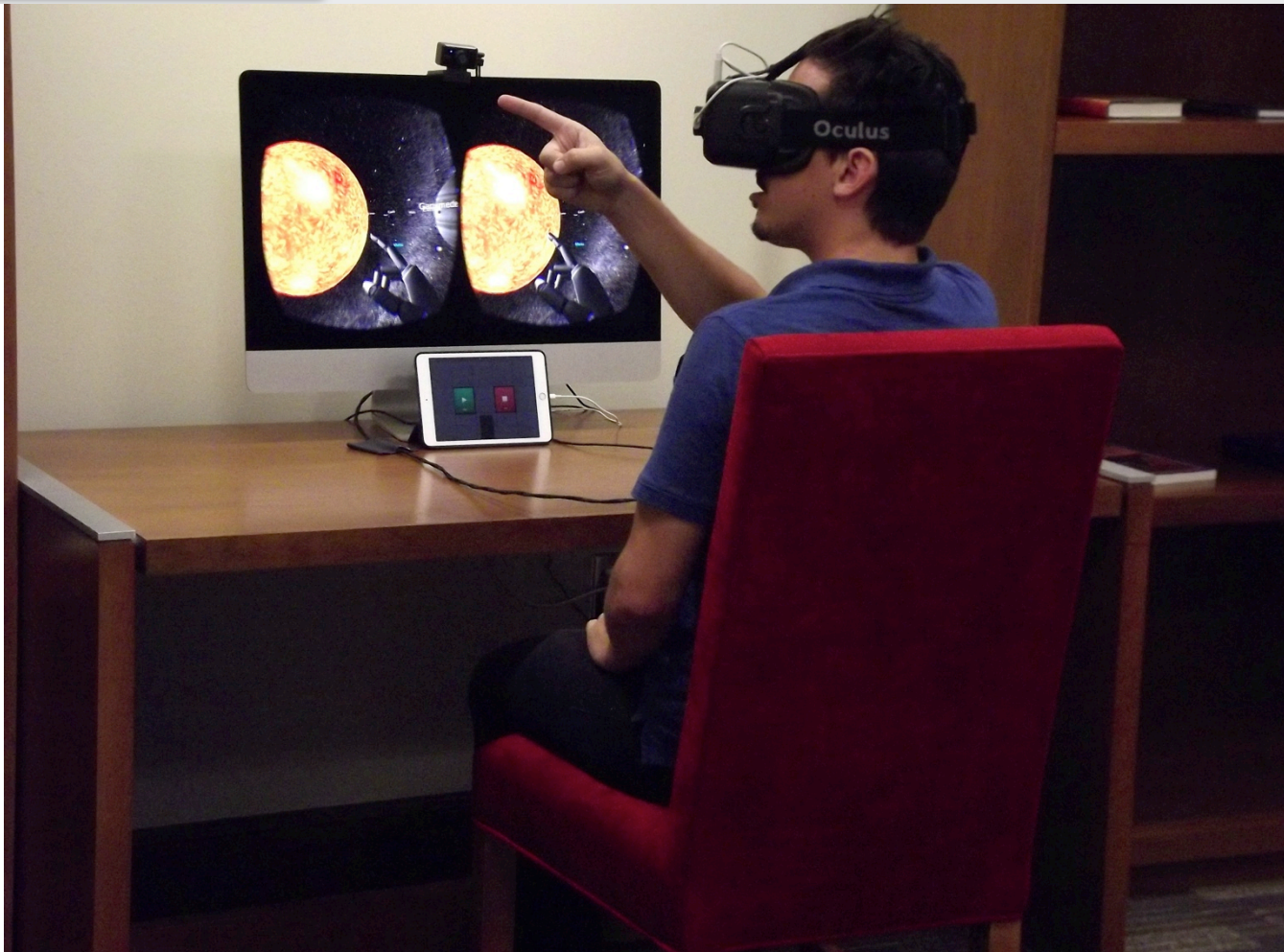
- One U Cup - working on a Galileo's World VR session with Verizon
- Digirlz session, - working on a session with Microsoft





# An Exhibition without Walls

20 Exhibits • 7 Locations • 3 Campuses



The UNIVERSITY of OKLAHOMA  
LIBRARIES  
libraries.ou.edu

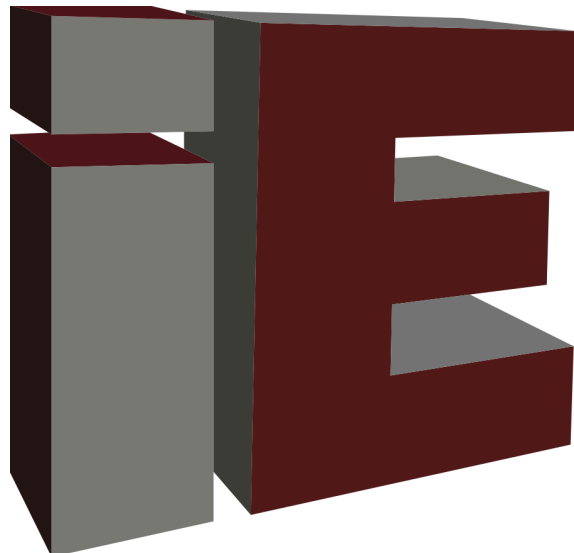


# An Exhibition without Walls

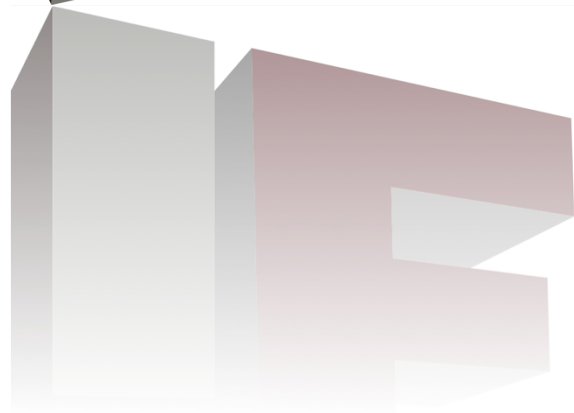
20 Exhibits • 7 Locations • 3 Campuses







**INNOVATION @ THE EDGE**  
THE UNIVERSITY OF OKLAHOMA LIBRARIES  
**CONNECTING YOU TO THE INNOVATION HUB**



CONNECTING YOU TO THE INNOVATION HUB

THE UNIVERSITY OF OKLAHOMA LIBRARIES

INNOVATION @ THE EDGE



The UNIVERSITY of OKLAHOMA  
LIBRARIES  
libraries.ou.edu

# What is the Innovation @ the Edge?

- Located in Bizzell Memorial Library – center of campus.
- **Combination of Makerspace/ FabLab/Startup Incubator, Classroom, Seminar Room, Laboratory – Applied work space.**
- **A culture (or mindset) of experimentation** with the latest hardware and software.
- **Constant training, workshops, clubs, and events** to build a supportive, interdisciplinary culture.



# What is the Innovation @ the Edge?

- Open to all
- Peer innovators & experts on staff/faculty
- Collaborative Learning
- New methods of pedagogy, research and creativity

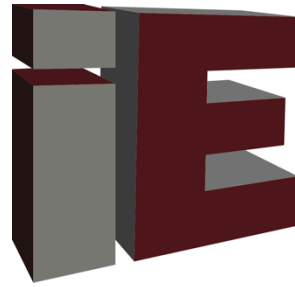


## Why the Innovation @ the EDGE?

Books/Serials are tools for creating & conveying knowledge



So are Innovation Laboratories for the physical/virtual expressions of new digital knowledge.



**INNOVATION @ THE EDGE**  
THE UNIVERSITY OF OKLAHOMA LIBRARIES  
CONNECTING YOU TO THE INNOVATION HUB

## Why the Innovation @ the EDGE?

“Academic libraries... the intellectual hub of campus—a place where students, faculty and staff from all disciplines can gather to explore, create and gain new knowledge... by bringing maker spaces into libraries, we can provide more options for self-directed, innovative learning; we can provide a space that acts as an incubator for ideas; and we can provide tools for the rapid prototyping of those ideas.”

<http://acrl.ala.org/techconnect/post/makerspaces-move-into-academic-libraries>



The UNIVERSITY of OKLAHOMA  
LIBRARIES  
libraries.ou.edu

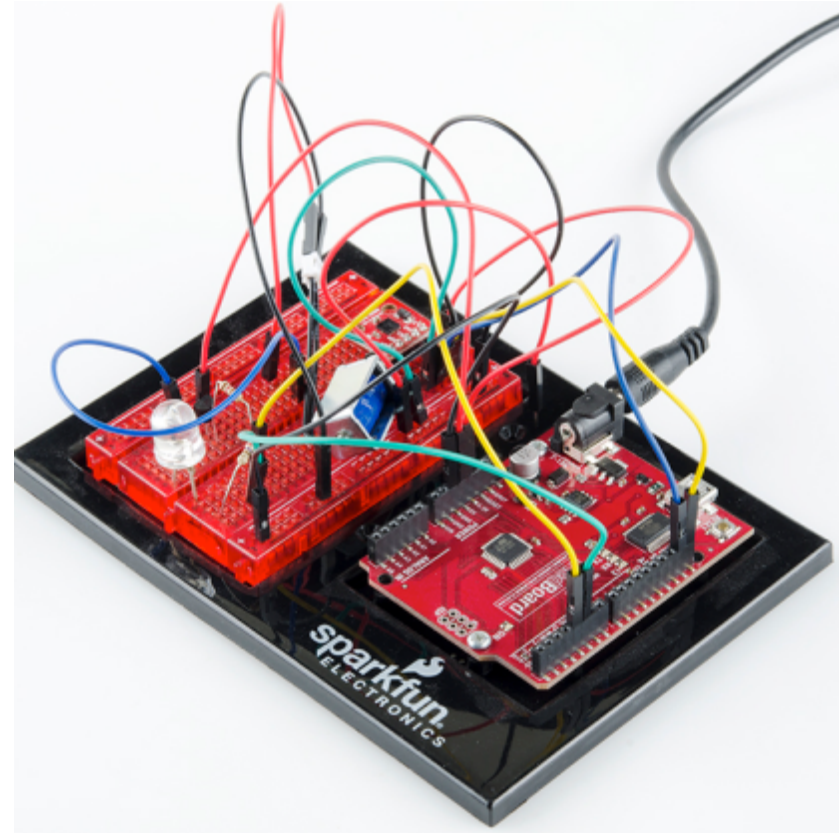


## What are those tools?



# Microcontrollers

- Classes taught in use of microcontrollers
- Low barrier to entry
- Supports reproducible research



# 3D Printing



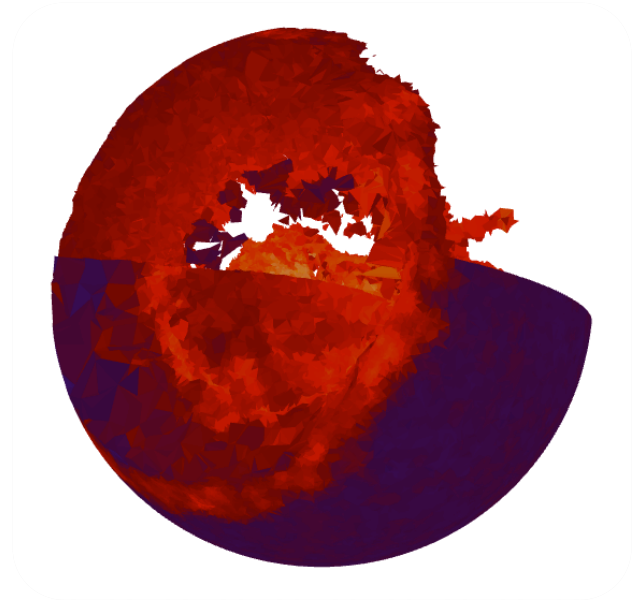
## Physical expressions of virtualization





# 3D Printing

Dr. Madura's team (our NASA collaborator's) hints at the potential long-term value of these systems when describing how, "***...3D prints and visualizations reveal important, previously unknown [information]..."***, and, provide new means for, "***conveying complex ideas.."***" ([Madura et al. 2015](#)).



Visualized supercomputer data from  
Our NASA collaborator team.

# Informatics

- Experienced researcher & programmer
- Primarily grant funded
- OU Libraries buys 20% of his time from IT
- Addresses researcher needs at lower-end (where 80% of research is done)



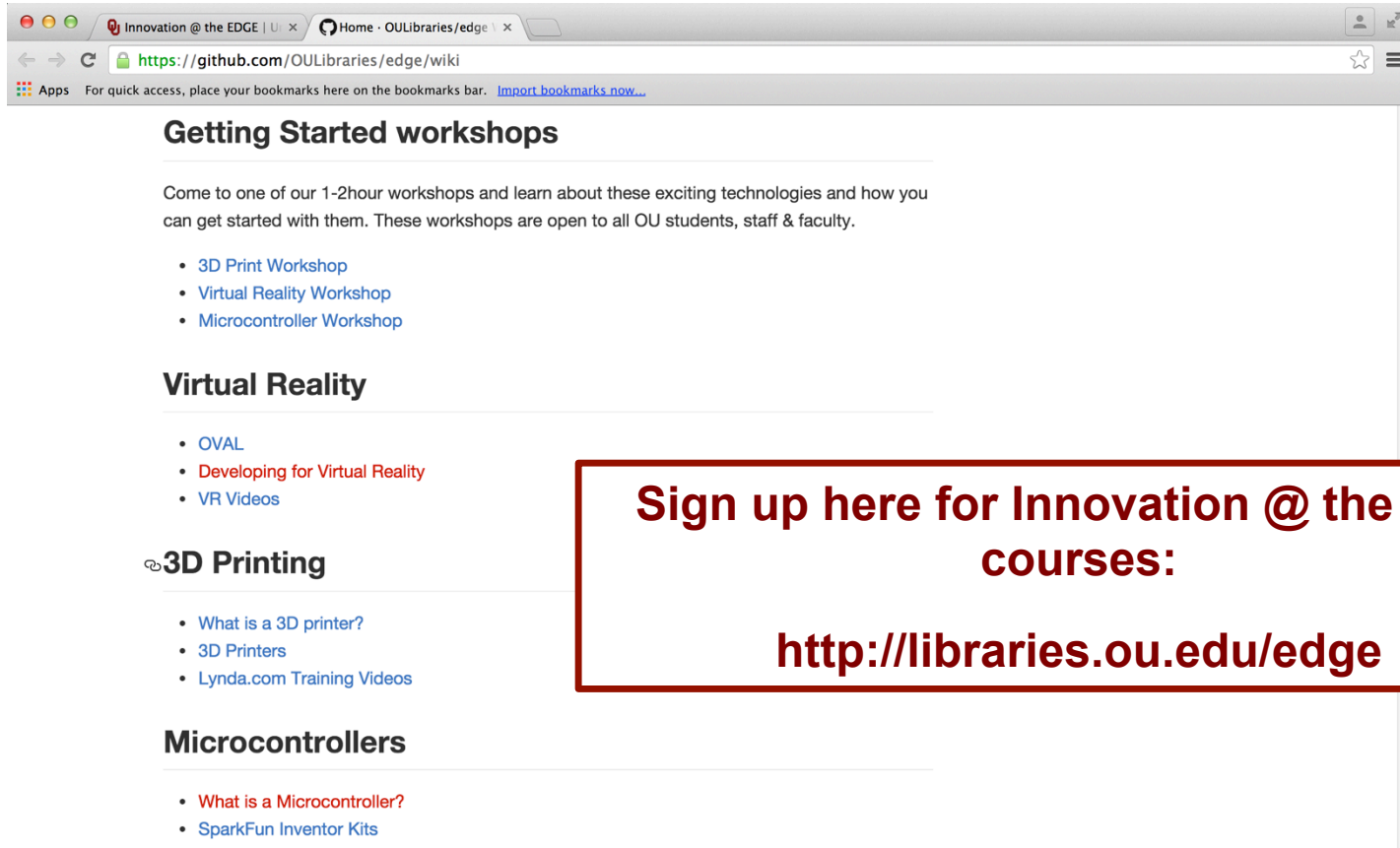
**Mark Stacy**



The UNIVERSITY of OKLAHOMA  
LIBRARIES  
libraries.ou.edu

# software carpentry

Teaching basic lab skills  
for research computing



The screenshot shows a web browser window with the URL <https://github.com/OULibraries/edge/wiki>. The page content includes:

- Getting Started workshops**

Come to one of our 1-2hour workshops and learn about these exciting technologies and how you can get started with them. These workshops are open to all OU students, staff & faculty.

  - [3D Print Workshop](#)
  - [Virtual Reality Workshop](#)
  - [Microcontroller Workshop](#)
- Virtual Reality**
  - [OVAL](#)
  - [Developing for Virtual Reality](#)
  - [VR Videos](#)
- 3D Printing**
  - [What is a 3D printer?](#)
  - [3D Printers](#)
  - [Lynda.com Training Videos](#)
- Microcontrollers**
  - [What is a Microcontroller?](#)
  - [SparkFun Inventor Kits](#)

**Sign up here for Innovation @ the Edge  
courses:**

**<http://libraries.ou.edu/edge>**



## Host a Workshop



Find out how to host a workshop at your institution or organization

[More >](#)

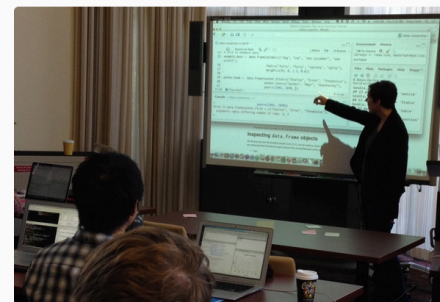
## Attend a Workshop



Most workshops are coordinated by local hosts. Find out if there is a workshop in your area or how to attend one.

[More >](#)

## Get Involved



*Data Carpentry* is a volunteer effort. Find out how you can be an instructor, help develop content, or support us.

[More >](#)



The UNIVERSITY of OKLAHOMA  
LIBRARIES  
libraries.ou.edu

# Virtual Reality



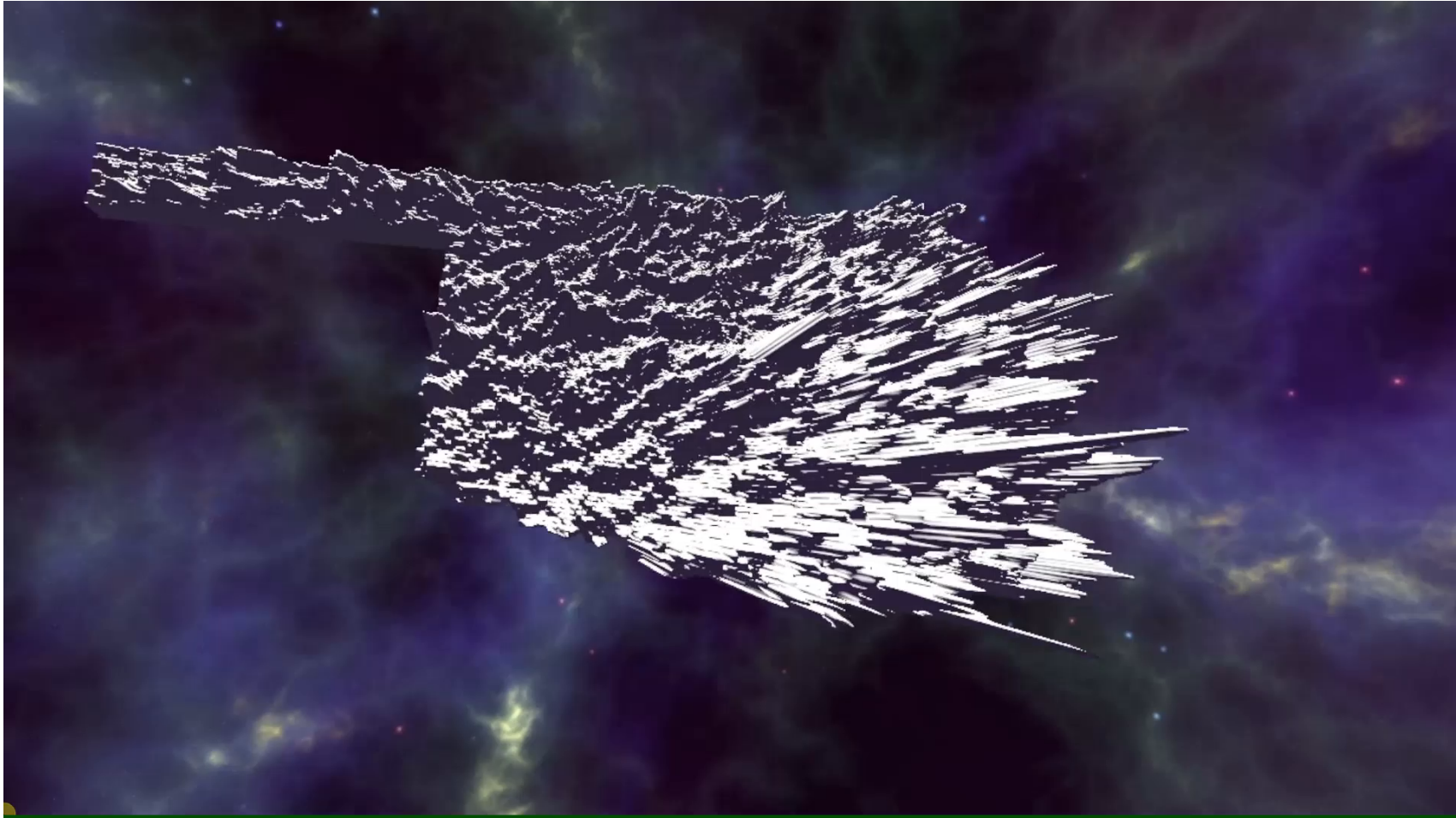
**Can't find a 3D representation? Scan it. (But stay within copyright laws)**

# Virtual Reality

- **Featuring the O.V.A.L. – Oklahoma Virtual Academic Laboratory**
- **Networked (distributed) analysis & manipulation of any 3D asset.**
- **Remotely upload 3D model from anywhere**



# Virtual Reality

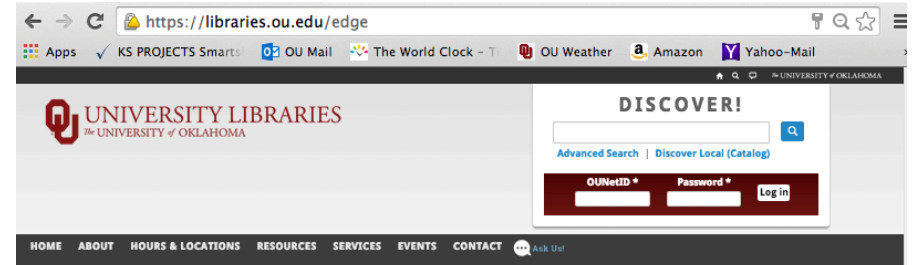


The UNIVERSITY of OKLAHOMA  
LIBRARIES  
[libraries.ou.edu](http://libraries.ou.edu)

# A typical day at Innovation @ the Edge







### INNOVATION @ THE EDGE



◀ Mar 28 - Apr 3 ▶

Mon	10:00 am - 07:00 pm
Tue	10:00 am - 07:00 pm
Wed	10:00 am - 05:00 pm
Thu	10:00 am - 07:00 pm
Fri	10:00 am - 07:00 pm
Sat	closed
Sun	closed

[Spring 2016 Hours \(PDF\)](#)

#### CONTACT US

Bizzell Memorial Library  
401 W. Brooks St, RM 126  
Norman, OK 73019  
(405) 325-4250  
[Email](#) | [Driving Directions](#)

[f](#) [i](#) [t](#) [y](#)

# Innovation @ the Edge Website

The EDGE is a flexible experimentation space where users are free to reimagine OU Libraries' broadest goal: knowledge creation. By combining the latest in 3D printing tools with custom virtual reality workstations and microelectronics kits, any member of the OU community (from any field) is free to prototype their entrepreneurial concepts or fly-through their 3D data set. Not sure how to get started? Sign up for one of our weekly workshops or simply hang out in the space - peer tinkers and campus technology experts will be available to help you develop your ideas and augment your scholarship.

Please sign up for a workshop today to find out more about how the latest tools can benefit your scholarship, or submit your 3D asset [here](#) (.obj - plus associated material and texture - files only, please) for immediate viewing on our cutting-edge OVAL workstation. See you in the EDGE!

Learn more at the [EDGE Wiki](#).

#### TECHNOLOGY AVAILABLE

- Computer Stations
- Wi-Fi

#### VISITORS MAP

Leaflet | Map data © Google

#### VISITOR INFORMATION

Bizzell Memorial Library  
401 W. Brooks St, RM 126  
Norman, OK 73019  
(405) 325-4250  
[Driving Directions](#)

[OU Campus Maps](#)  
[Parking on Campus](#)  
[Visit Campus](#)

The screenshot shows a web browser displaying the GitHub repository page for 'OULibraries/edge/wiki'. The browser's address bar shows the URL 'https://github.com/OULibraries/edge/wiki'. The page header includes navigation links for 'Personal', 'Open source', 'Business', 'Explore', 'Pricing', 'Blog', and 'Support'. Below the header, the repository name 'OULibraries/edge' is displayed, along with statistics for 'Watch' (12), 'Star' (0), and 'Fork' (1). The main content area features a 'Home' section with a welcome message and a large graphic for 'INNOVATION @ THE EDGE' by 'THE UNIVERSITY OF OKLAHOMA LIBRARIES'. The graphic includes the text 'CONNECTING YOU TO THE INNOVATION HUB'. Below the graphic, there are sections for 'What is The EDGE?', 'Getting Started workshops', 'Virtual Reality', '3D Printing', and 'Microcontrollers', each with a list of related links. A sidebar on the right contains a 'Pages' menu with links to various workshop and training resources. At the bottom of the page, there is a footer with the URL 'https://github.com/pricing' and the 'OULIBRARIES' logo.

# Innovation @ the Edge GitHub



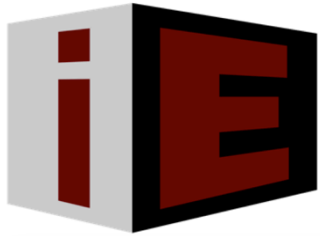


**INNOVATION @ THE EDGE**  
THE UNIVERSITY OF OKLAHOMA LIBRARIES  
CONNECTING YOU TO THE INNOVATION HUB

Virtual Reality partnerships already being formed across campus (and beyond) with professor(s) from:

- College of Architecture (installing OVAL)
- Chem/Bio-Chem
- NASA
- English
- Sam Noble Natural History Museum
- College of Law (installing OVAL)
- College of Engineering (planning on an OVAL)
- Innovation Hub (installing OVAL).. wait, what's an Innovation Hub?!?!

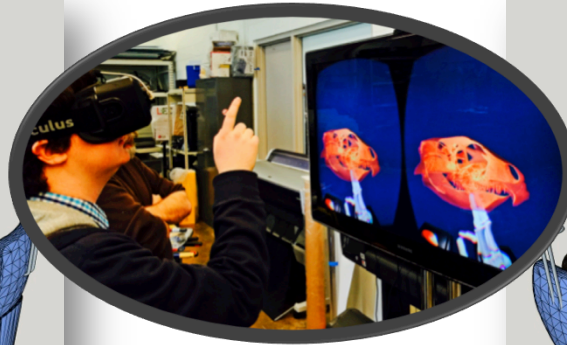




**INNOVATION @ THE EDGE**  
THE UNIVERSITY OF OKLAHOMA LIBRARIES  
CONNECTING YOU TO THE INNOVATION HUB



**INNOVATION HUB**  
UNIVERSITY OF OKLAHOMA



**Instructor/Teacher**



The UNIVERSITY of OKLAHOMA  
LIBRARIES  
libraries.ou.edu



# INNOVATION HUB

UNIVERSITY OF OKLAHOMA



UNIVERSITY OF OKLAHOMA

INNOVATION HUB



The UNIVERSITY of OKLAHOMA  
LIBRARIES  
libraries.ou.edu



## What is the Innovation Hub?

- Located in the Research Park
- 20K sq ft w/high-end equipment
- Separate/same... staffing as Innovation @ the Edge
- Open to all
- Peer innovators on staff/faculty
- Experts available
- Collaborative Learning
- New methods of pedagogy, research and creativity



The UNIVERSITY of OKLAHOMA  
LIBRARIES  
libraries.ou.edu



## What is the Innovation Hub?

Run by multiple units/colleges acting as equal partners:

1. OU Libraries
2. OU Information Technology
3. Office of Vice President of Research
4. Price College of Business
5. Gallogly College of Engineering

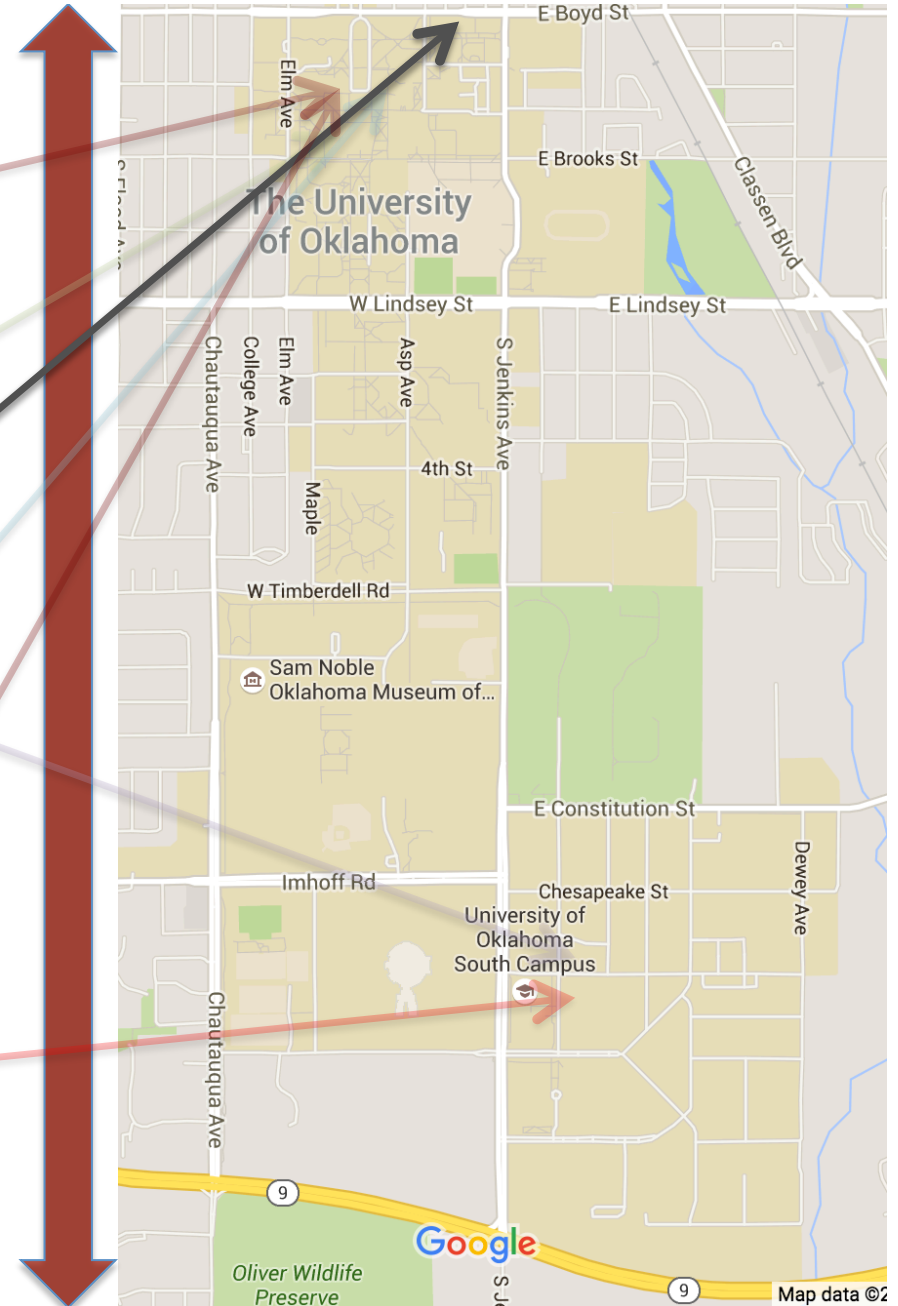


# Geographically Dispersed Units Involved

1. OU Libraries
2. OU Information Technology
3. Office of Vice President of Research
4. Price College of Business
5. Gallogly College of Engineering

**2  
Miles**

- Innovation @ the Edge
- Innovation Hub











**Opening August 2016**





Mobile unit we take to local events: Barnes and Noble Maker Space Day, Local Schools/Libraries & University Events





# Discovery System: Implementation



- RFP issued - **March 2013**
- Responses received – **April 2014**
- Demo's conducted, staff/faculty/student testing – **April 2014**
- Product selected – **May 2013**
- Contract signed – **June 2013**
- Implementation – **Jun-Jul 2013**
- Beta testing – **August 2013**
- Go live – **August 19, 2013 (start of classes)**



# THE ATLAS OF NEW LIBRARIANSHIP

R. David Lankes

“The MISSION of LIBRARIANS is to IMPROVE SOCIETY through FACILITATING KNOWLEDGE creation in their COMMUNITIES”

R. David Lankes

Copyrighted Material

# THE ATLAS OF NEW LIBRARIANSHIP

R. David Lankes

“So what should we be spending our precious resources on? Knowledge creation tools, **not** the results of knowledge creation.”

Pg 43. - R. David Lankes

Copyrighted Material



# Discovery System: Implementation

“Knowing the relative strengths and weaknesses of our target audiences is the key...”



# Discovery System: Implementation

“We are seeing a reconfiguration of functions in app/mobile environments, as functionality is dis-embedded from the fuller experience and re-embedded in smaller more discrete experiences.”



Lorcan Dempsey, OCLC

# Discovery System: Implementation

## Remember....



We should support diverse learning styles "on average studies have shown roughly 29% have a visual preference, 34% auditory and 37% tactile"

SMITH (IN TRUNER, T & FROST, T. 2005, 146)

# Discovery System: Implementation

## Remember....

We're facing a "world where library content is interwoven into a variety of environments where end-users are searching for information."



Lorcan Dempsey, OCLC

# Discovery System: Implementation

So, remember...

Important to be able to completely replace the interface layer the user interacts with via a locally developed or 3<sup>rd</sup> party interface.



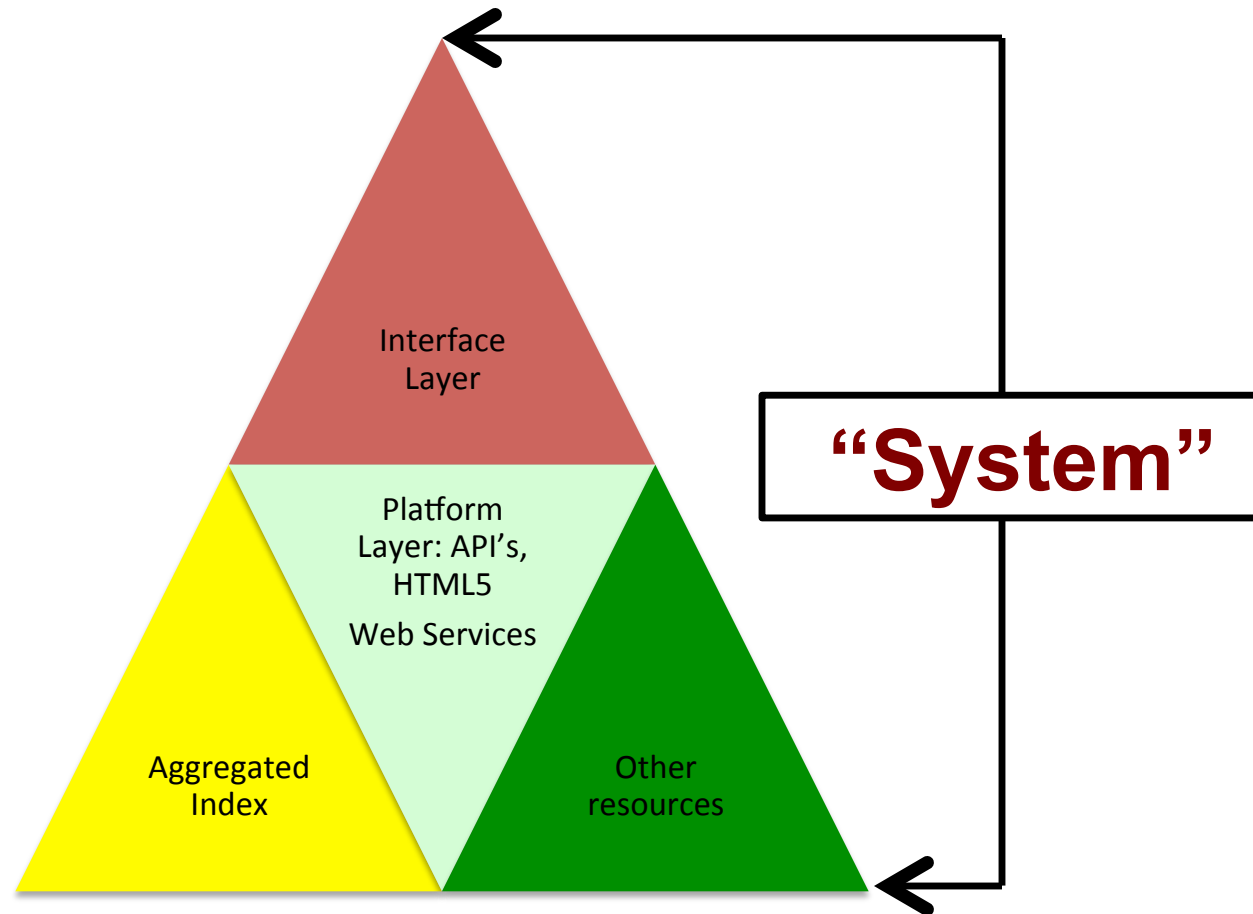
# Discovery System: Implementation

Because Discovery needs to happen in all these places:



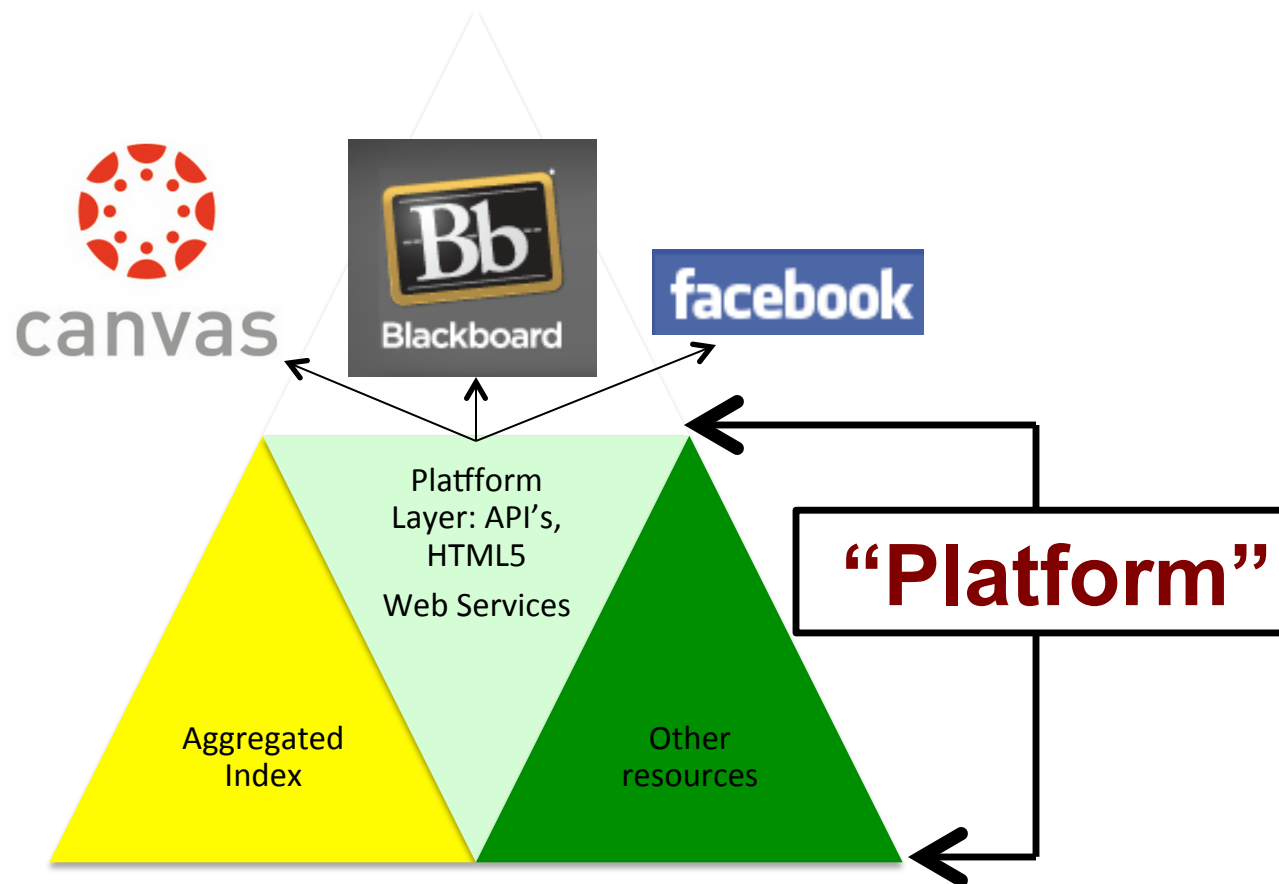
# Discovery System: Implementation

Important to be able to go from this:



# Discovery System: Implementation

To this:







# Discovery System: Implementation – V2.0



# Discovery System: Implementation – V2.0

OU Home | OU Libraries' Home Apply | Campus Links | Libraries OU Google Site Search

UNIVERSITY LIBRARIES  
The UNIVERSITY of OKLAHOMA

ASK US OUNetID gran2484 Password Login

## Discover!

What is being searched? [Advanced Search](#) [Browse Search](#)

Tell us about your experience with Discover

### Quick Links

- Discover Local (Catalog)
- E-Reserves
- Call Number Locations
- Databases & E-Reference
- Research Guides
- Interlibrary Loan/Sooner Xpress

### Announcements

- 10/08 Beyond Our Borders Series sponsored by ISSB
- 11/10 Helmerich Collaborative Learning Center Video Overview

### Resources By Subject

- General & Multidisciplinary
- Anthropology
- Architecture
- Art
- Biology and Animal Sciences
- Business
- Chemistry & Biochemistry
- Communication
- Education
- Engineering
- English
- Film & Media Studies
- Geology & Geophysics
- Government Documents (Federal)
- Health & Exercise Science
- History
- History of Science
- Human Relations
- Journalism & Mass Communication
- Library & Information Studies
- Mathematics
- Medicine
- Music
- Political Science
- Psychology

Follow Us...  
ACADEMICTECH  
Ask Us  
CHAT NOW WE ARE ONLINE

CONSTRUCTION PROGRESS

The UNIVERSITY of OKLAHOMA  
LIBRARIES  
libraries.ou.edu

# Discovery System: Implementation – V2.0

OU Home | OU Libraries' Home Apply | Campus Links | Libraries • OU Google Site Search

**UNIVERSITY LIBRARIES**  
The UNIVERSITY of OKLAHOMA

ASK US

OUNetID **aran2484** Password **.....** Login

**Hours**

**About Us**

**Resources**

**Services**

**Locations**

**Help**

**Follow Us...**

ACADEMIC TECH

**Ask Us**

CHAT NOW WE ARE ONLINE

**CONSTRUCTION PROGRESS**

### What's Being Searched?

Discover is searching authoritative scholarly content that includes a combination of the resources of the University of Oklahoma Libraries' vast local resources, plus another index (called Primo Central™) which consists of hundreds of millions of **scholarly**, multi-lingual e-resources of global and regional importance. These include journal articles, e-books, newspaper articles, reviews, legal documents and more that are harvested from publishers and combined publishing collections, as well as from academic open-access repositories.

Please note that Discover searches the majority of the databases to which the Libraries subscribe. However, some database providers require you to use *only* their search interface. Those specialized databases are still available under the **database** links on the library home page.

Discover, in essence, allows you to do one search and find items from OU's catalog PLUS items in hundreds of general and subject-specific databases. While you are **not searching the wide-open Web** as happens when you search Google™, you ARE searching scholarly content that has been selected for your use by librarians from around the world.

\* Image courtesy of Ex Libris

You can also watch this [short video](#), prepared for students by the company from which we buy access to the Primo Central secondary index.

# Discovery System: Implementation – V2.0

“If Libraries wish to be seen as expert, then their expertise must be visible”  
i.e. Discoverable information about services, people, expertise as well as collections.



Lorcan Dempsey, OCLC

# Discovery System: Implementation – V2.0

The screenshot shows the top navigation bar with the University of Oklahoma logo and name. Below it is a breadcrumb trail: [OU Libraries](#) / [LibGuides](#) / [Subjects](#) / [History & Primary Resources](#). The main heading is "History & Primary Resources" with the subtext "Browse our best resources, organized by subject". A filter bar shows "15 SUBJECTS" and a dropdown menu set to "History & Primary Resources". A "Guides" tab is active. A list of 9 guides is displayed, each with a title, a date, and a view count. To the right, there is a "Search" section with a search box and a "Search" button. Below the search box is a "History & Primary Resources Experts" section featuring a portrait of Laurie Scrivener.

OU LIBRARIES  
The UNIVERSITY of OKLAHOMA

OU Libraries / LibGuides / Subjects / History & Primary Resources

## History & Primary Resources

Browse our best resources, organized by subject

15 SUBJECTS History & Primary Resources

Guides

Showing 9 Guides

<a href="#">British Government Documents (History)</a> ⓘ	Nov 16, 2014	269
<a href="#">British History: Primary and Secondary Sources</a> ⓘ	Nov 16, 2014	1315
<a href="#">HIST 1483 - History of the United States: 1492-1865 (Fall 2014)</a> ⓘ	Nov 16, 2014	5454
<a href="#">HIST 1493 - History of the United States: 1865-Present (Fall 2014)</a> ⓘ	Nov 16, 2014	6975
<a href="#">History: Secondary Sources</a> ⓘ	Nov 16, 2014	3518
<a href="#">Microform Collections</a> ⓘ	Nov 15, 2014	537
<a href="#">Oklahoma Environmental History (HIST 3493, Fall 2013)</a> ⓘ	Nov 15, 2014	26
<a href="#">Primary Sources (Historical)</a> ⓘ	Nov 16, 2014	7002
<a href="#">SPRING 2013 HIST 1493: 010: U.S., 1865-Present. Professor David Wrobel</a> ⓘ	Nov 15, 2014	356


**Search**

Search the full text of the guides in this system. Results will link to pages containing your terms.

Enter Search Words

Search

**History & Primary Resources Experts**



Laurie Scrivener

# Discovery System: Implementation – V2.0

[Home](#) [Search](#) [Messages](#) The UNIVERSITY of OKLAHOMA

UNIVERSITY LIBRARIES  
The UNIVERSITY of OKLAHOMA

[Home](#) [OU Local](#) [Research IDs](#) [Share](#) [Discover](#) [Tools](#) [Contact](#)

## Welcome!

📅 24. April 2014 👤 [Mark Laufersweiler](#) 💬 (0)

The [OU Libraries](#) would like to welcome you to a new site, **Resources for Researchers**.

As research advances, new policies and methods regarding data, data management and data curation make use of the emerging and advancing technologies. In addition, funding agencies serving as stewards of the tax paying public are beginning to announce policies regarding [open access](#) and [reproducibility](#). The requirement of submitting a Data Management Plan (DMP) as a part of the the proposal process now becomes a very important part of the process. Not only is the formation of a DMP important, the implementation and following through the DMP will become an important part of the research workflow.

This site will serve as a site for learning what resources are available to faculty and students to help facilitate their research endeavors. Websites, software, local resources, and tools will be listed with brief descriptions. However, making lists of resources and websites is only a small part of this website. The OU Libraries wish to make this an active site and will add contact from Twitter feeds, following those Twitter feeds hosted by other research libraries, data initiatives and major figures in the field of digital data, data management and data curation. This site will include a blog that will highlight in more detail, some of the tools and resources listed on the site.

Finally, OU ILibraries is interested in your feedback. We would love to hear from you regarding the tools and software that you may be using successfully in your research endeavors. What issues are you having? What tools are not listed? We want to make this site a useful resource that you can use and share with others.

[Follow](#)

### Contact Information

[f](#) [in](#) [t](#)

**Dr. Mark J. Laufersweiler**  
 Research Data Specialist  
 University of Oklahoma  
 Libraries  
 325-3710  
[chronicle.com/article/Big-Do...](http://chronicle.com/article/Big-Do...)

The UNIVERSITY of OKLAHOMA  
LIBRARIES  
libraries.ou.edu

# Discovery System: Implementation – V2.0

The screenshot shows the University Libraries Discovery System V2.0 interface. At the top, there is a navigation bar with links for 'OU Home', 'OU Libraries' Home', 'Apply', 'Campus Links', 'Libraries', and 'OU'. A search bar with 'Google Site Search' is also present. Below the navigation bar is the University Libraries logo and three small images: a building, people at a table, and a computer lab. A dark red banner contains an 'ASK US' button, an 'OUNetID' field with the value 'gran2484', a password field, and a 'Login' button. The main content area is divided into several sections: 'Hours', 'About Us', 'Resources', 'Services', 'Locations', and 'Help' on the left; 'New Books Virtual Browse' with a carousel of book covers (including 'Molecular Evolution', 'Offshore Production Operation Facilities', and 'Probability-Based Structural Fire Load'); 'New Titles RSS Feeds' with instructions on how to use the feeds; and 'New Titles Shelved by LC Call Number' with categories A, B, and C. At the bottom left, there is a 'Follow Us...' section with social media icons and a 'CHAT NOW WE ARE ONLINE' button. The footer contains the University Libraries logo and the website address 'libraries.ou.edu'.



# Discovery System: Implementation – V3.0



# Discovery System: Implementation – V3.0



- **LSP (Alma) purchased – February 2014**
- **Implementation – March-December, 2014**
- **Go live – January 6, 2015**

**Announced that old ILS-OPAC was going away....**



# Discovery System: Implementation – V3.0

## DUET CHARTER

---

### *Discover/Access User Experience Team*

#### **Purpose**

The Discover/Access User Experience Team will help identify changes or configuration modifications needed for the OU Libraries' Discover tool and WorldCat so that the move away from a public facing catalog will transition as smoothly as possible. The team will do this by conducting usability studies on both the Discover tool and WorldCat to gain feedback from students, faculty, and staff from across campus. Based on this data, configuration recommendations will be made to best meet the needs of our users. The team will also help identify and create learning tools that will assist users in making this transition and create a broad communication plan to help disseminate information about the changes to the libraries' access tools. An internal working group will be utilized and will be composed of library personnel and external key stakeholders on the OU campus.

#### **Deliverables & Deadlines**

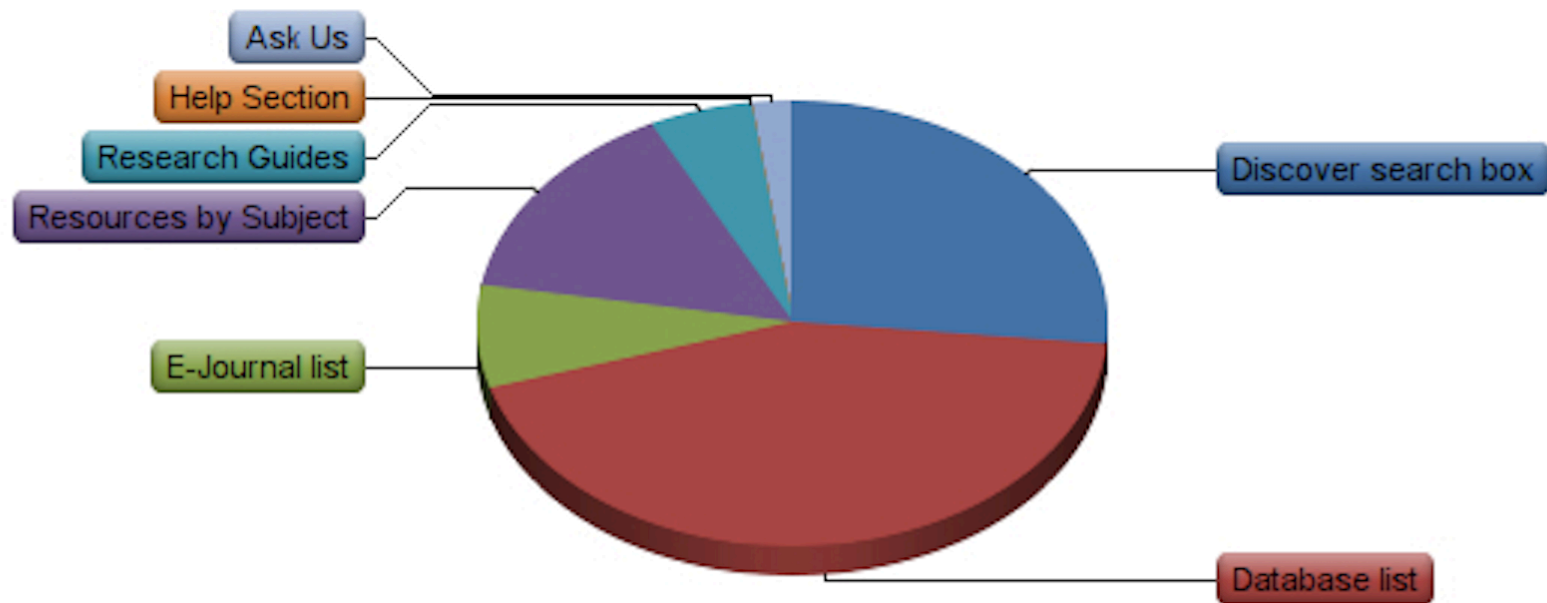
---

<b>DELIVERABLES</b>	<b>DEADLINES</b>
Usability assessment of Discover and WorldCat to identify configuration changes.	May 1, 2014
Presentation to public services personnel on changes to Discover based on Alma implementation (ILL, Reserves, catalog, etc.) and the use of WorldCat as an option.	May – June 2014
Based on the needs identified during usability assessment and internal demonstrations, create orientation guides and how-to tools for users.	June 30, 2014
Create communication pieces for the OU community about changes and new system.	August 1, 2014
Perform a usability assessment post-Alma implementation to determine results.	August 2014



# Discovery System: Implementation – V3.0

2. When using the libraries' website to perform research, where is the first place you start and why?



# Discovery System: Implementation – V3.0


## Usability Studies: Task-oriented observation



# Discovery System: Implementation – V3.0

## Developing Discover Local

### Known Item Search



Any ▾	contains ▾	
in the title ▾	contains ▾	
as author/creator ▾	contains ▾	
in subject ▾	contains ▾	

Publication Date: Any year ▾

Material Type: All items ▾

Language: Any language ▾

Start Date: Day ▾ Month ▾ Year

End Date: Day ▾ Month ▾ Year

Search Scope: Library Catalog ▾

# Discovery System: Implementation – V3.0

OU Home | OU Libraries' Home | Apply | Campus Links

ASK US | Guest | e-Shelf | My Account | Sign in | New Search | Eresource A-Z | Reserves | Help

Publication Date: Any year  
 Material Type: All items  
 Language: Any language  
 Start Date: Day Month Year  
 End Date: Day Month Year  
 Search Scope: Library Catalog

Any contains  
 Any contains  
 Any contains  
 Any contains

Search Simple Search

### Discover Local

Discover Local is the new way to search for materials within University Libraries physical and electronic collections. It is the same content held within our catalog with a new search interface with the same features you have come to appreciate in the Discover! system such as facets for refining search results and an e-Shelf to save results. New features include a visual virtual browse so you can browse the library shelves from the comfort of your home or office.

### New Books

Browse new books using our Virtual Book Browse. This feature shows you new books across all subjects and libraries, and includes e-books as well as physical books located within the libraries.

# Discovery System: Implementation – V3.0

in the title contains Eat Pray Love

Any contains

Any contains

Any contains

Publication Date: Any year

Material Type: Books

Language: Any language

Start Date: Day Month Year

End Date: Day Month Year

Search Scope: Library Catalog

 [rss](#)

 [Add page to e-Shelf](#)

### Suggested New Searches


by this author/creator:  
[Gilbert, E](#)

on this subject:  
[Gilbert, Elizabeth, 1969-](#)  
[Travel writers](#)

### Show bX Hot Articles

1 Results for Library Catalog

Sorted by: Relevance

- 1  ☆ **Eat, pray, love : one woman's search for everything across Italy, India and Indonesia**  
Elizabeth Gilbert 1969- 2006  
● Available at Bizzell Memorial Library Stacks (G 154.5 .G55 A3 2006 )
- Book [Get It](#) [Details](#) [Virtual Browse](#)

1 Results for Library Catalog

Sorted by: Relevance





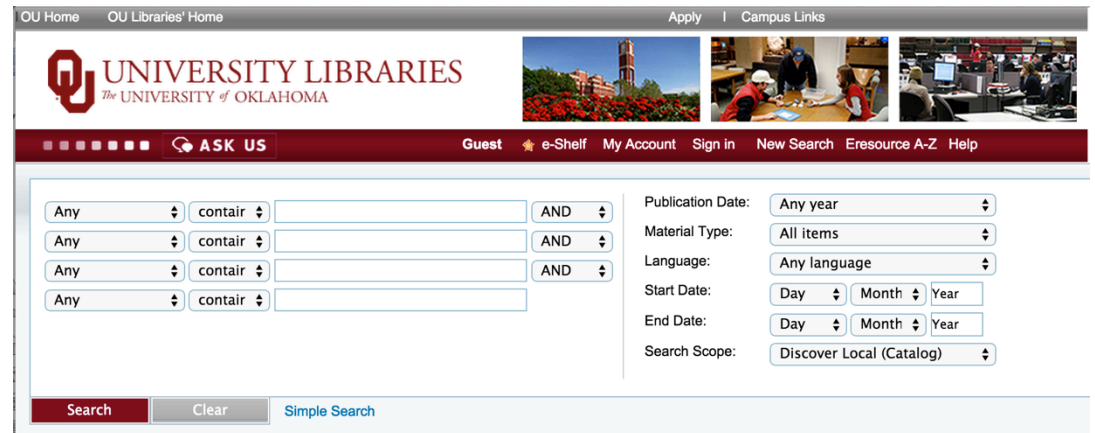
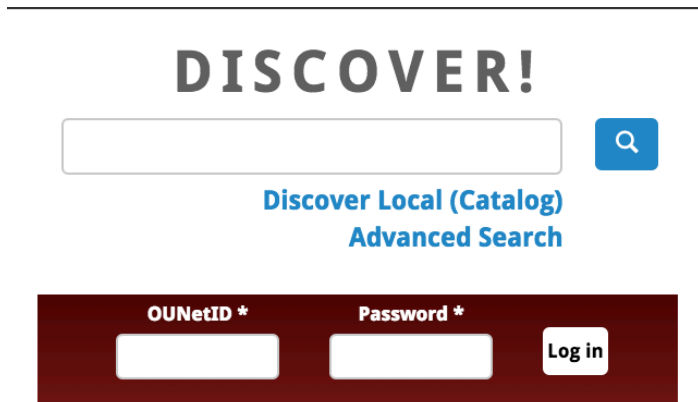
# Discovery System: Implementation – V3.0

## DISCOVER

- Broad Topic Searches
- Articles, Book Reviews, etc
- Option to search outside holdings

## DISCOVER LOCAL

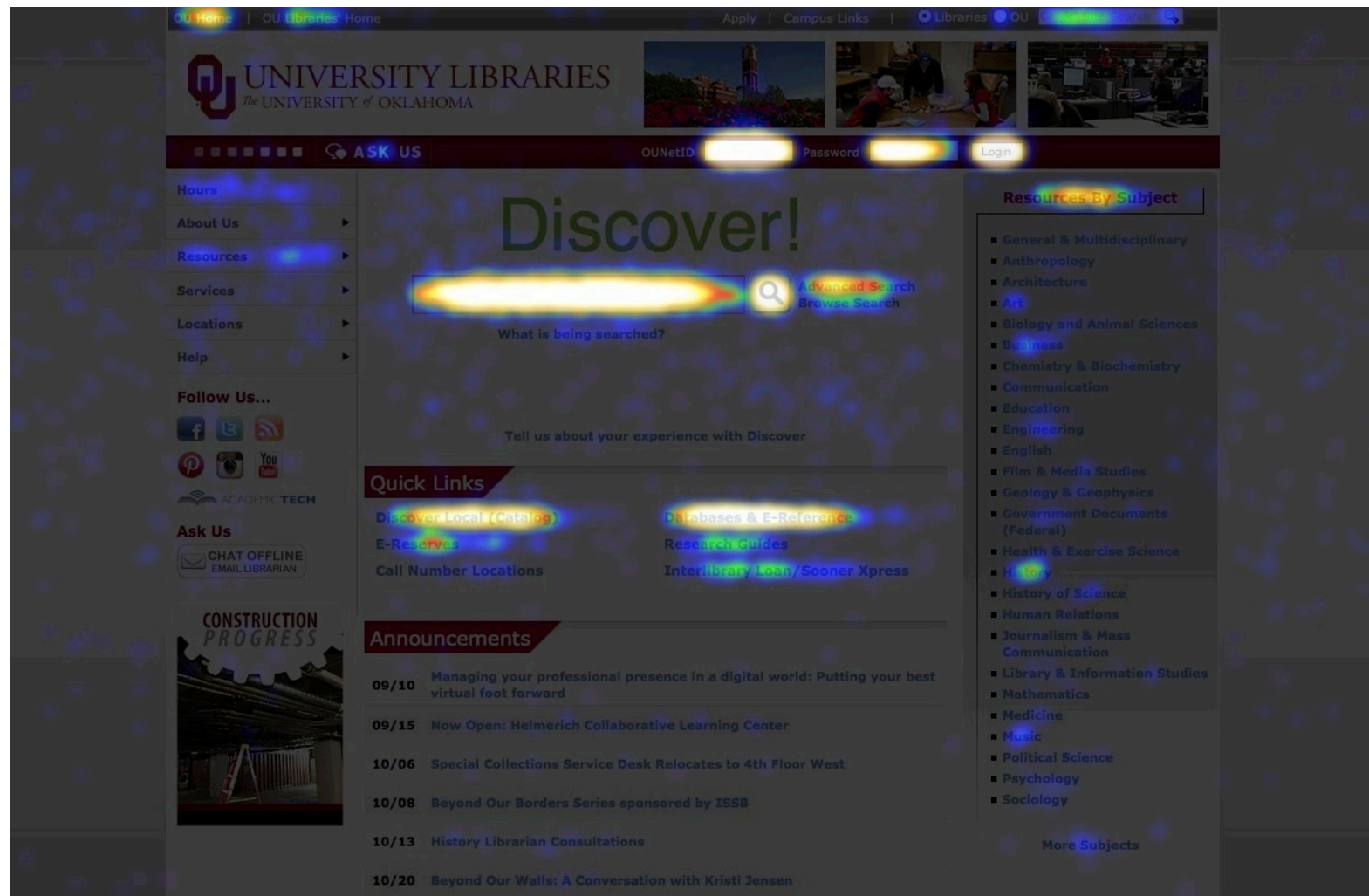
- Known Item Searches
- Books, Journals, etc.
- Items owned by OU Libraries



# Discovery System: Implementation – V3.0



# Discovery System: Implementation – V3.0



# Discovery System: Implementation – V3.0

The screenshot displays the University of Oklahoma Libraries Discovery System V3.0 interface. At the top left is the University of Oklahoma Libraries logo. The main header features a large search bar with the text "DISCOVER!" and a search icon. Below the search bar are links for "Advanced Search" and "Discover Local (Catalog)". A login section includes fields for "OUnetID" (containing "admin") and "Password" (containing "\*\*\*\*\*"), with a "Log in" button. A navigation menu below the header includes links for HOME, ABOUT, HOURS & LOCATIONS, RESOURCES, SERVICES, EVENTS, CONTACT, and an "Ask Us!" chat icon. The main content area is divided into three columns: "BIZZELL MEMORIAL" with a calendar for April 25 to May 1, "QUICK LINKS" with a list of services like E-Reserves, Call Number, and Databases & E-Reference, and "LOGIN" with another login form. A "SEARCH THIS SITE" section is located at the bottom right of the main content area.

**UNIVERSITY LIBRARIES**  
The UNIVERSITY of OKLAHOMA

**DISCOVER!**

Advanced Search | Discover Local (Catalog)

OUnetID \* Password \*  
admin \*\*\*\*\* Log in

HOME ABOUT HOURS & LOCATIONS RESOURCES SERVICES EVENTS CONTACT Ask Us!

**BIZZELL MEMORIAL**

◀ Apr 25 – May 1 ▶

Mon	07:30 am – 02:00 am
Tue	07:30 am – 02:00 am
Wed	07:30 am – 02:00 am
Thu	07:30 am – 02:00 am
Fri	07:30 am – 10:00 pm
Sat	07:30 am – 10:00 pm
Sun	12:00 pm – 00:00 am

Hours for other libraries

**QUICK LINKS**

- E-Reserves
- Call Number
- Databases & E-Reference
- Resources by Subject
- Research Guides
- Interlibrary Loan/Sooner Xpress
- My Books
- My ILL

**LOGIN**

OUnetID \*  
admin

Password \*  
\*\*\*\*\*

Log in

**SEARCH THIS SITE**

Search

The screenshot shows the University of Oklahoma Libraries website with several heatmap overlays indicating user interaction. The heatmap is most prominent on the search bars, the 'RESOURCES' navigation link, and the login fields. A man in a white shirt is pointing at a large screen displaying a map of the United States.

**UNIVERSITY LIBRARIES**  
The UNIVERSITY of OKLAHOMA

**DISCOVER!**

Discovery (Catalog)  
Advanced Search

OUNetID \* Password \* Log in

HOME ABOUT HOURS & LOCATIONS **RESOURCES** SERVICES EVENTS CONTACT ... Ask Us!

**BIZZELL MEMORIAL**

Mar 28 - Apr 3

Mon	07:30 am - 02:00 am
Tue	07:30 am - 02:00 am
Wed	07:30 am - 02:00 am
Thu	07:30 am - 02:00 am
Fri	07:30 am - 10:00 pm
Sat	07:30 am - 10:00 pm
Sun	12:00 pm - 02:00 am

Hours for other libraries

**QUICK LINKS**

- E-Reserves
- Call Number
- Databases & Reference
- Resources by Subject
- Research Guides
- Interlibrary Loan/Sooner Xpress
- My Books
- MyItL

**LOGIN**

OUNetID \* Password \* Log in

**SEARCH THIS SITE**

# Discovery System: Implementation – V4.0



# Discovery System: Implementation – V4.0

**Libraries One Search**



Discover  
Main Site  
Other sites (Galileo)  
LibGuides

# Discovery System: Implementation – V4.0

STANFORD UNIVERSITY LIBRARIES

My Account Feedback Staff login

About Libraries Using the libraries Collections Research support Ask us

Home > Search: databases

databases Search

**Books & media** > See all 62460 results

1. Databases : improving usability and responsiveness [edited by] Ben Shneiderman. 1978
2. Worldwide Databases
3. CDROM databases

**Library website** > See all 488 results

1. **Introducing: Opening Night!**  
Stanford University Libraries is pleased to introduce Opening Night! Opera & Oratorio Premieres, a cross-index of data for over 38,000 opera and...  
» Home > About > News
2. **Databases**  
Find the database you need in SearchWorks, by title or subject. Not sure where to start? Try these.  
» Home > Search Tools
3. **Databases**  
Key databases for chemists and chemical engineers.  
» Home > Libraries > Chemistry & ChemEng (Swain)
4. **Databases**  
Recommended earth sciences databases available at Stanford.  
» Home > Libraries > Earth Sciences (Branner)
5. **Databases**  
Suggested databases and indexes in biology from Falconer Biology Library.  
» Home > Libraries > Biology (Falconer)

**Databases** > See all 1148 results

1. 19th century British Library newspapers [electronic resource].  
Searchable full text of full runs of newspapers specially selected by the British Library to best represent nineteenth-century Britain. T...
2. 19th century UK periodicals [electronic resource].  
This database contains 2.1 million pages of periodicals published in Great Britain from 1800-1900. It includes publications on women, chi...
3. 19th century U.S. newspapers [electronic resource].  
Searchable database containing digital facsimile images of newspapers; presented as full page layout as well as single articles; advertis...

**Articles & e-resources**

xSearch  
Search for articles in multiple databases simultaneously and receive alerts for new articles on topics you choose.

Google Scholar  
A popular starting point for scholarly literature

Can't find what you're looking for?

Search tools  
Links to help you find images, data, dissertations, archival materials, and more.

Interlibrary borrowing  
Access resources at other university libraries.

Ask us  
We can help you find it.

## Features

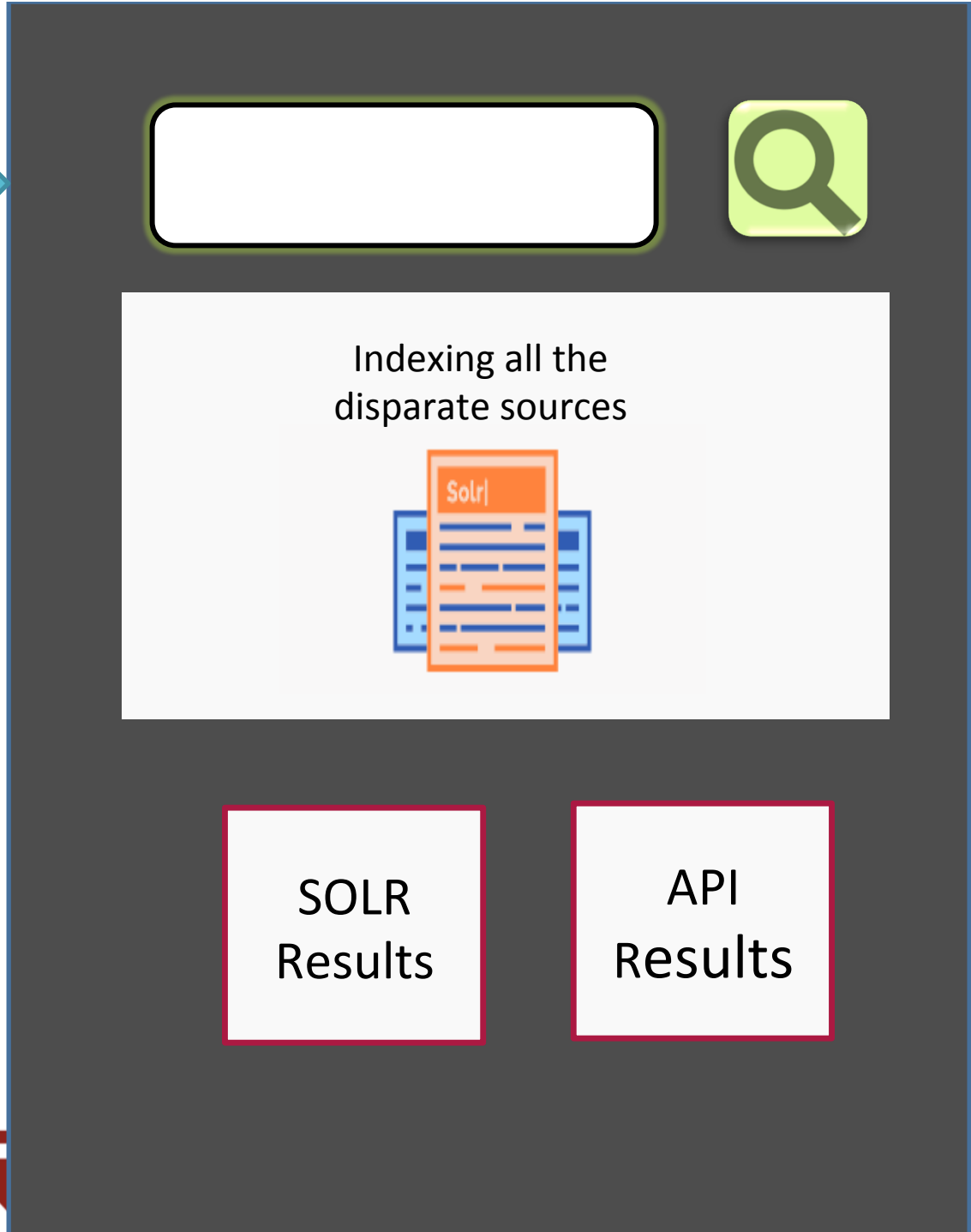
- **Bento Result:** To help with result clutter we suggest a bento box to organize results. Separating Books, Articles, Databases, Website
- **Help:** Integrated resources for getting help with search results.
- **See All:** To keep from results getting too long, we limit results to 5 with a SEE ALL link at top of box.



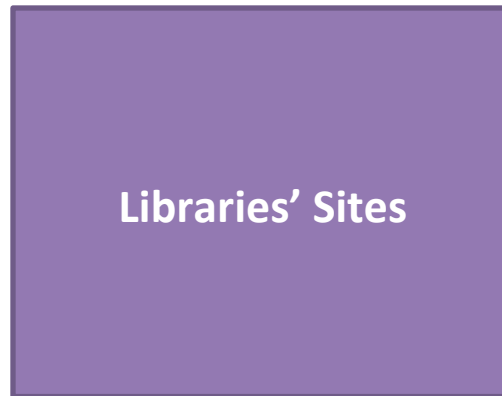
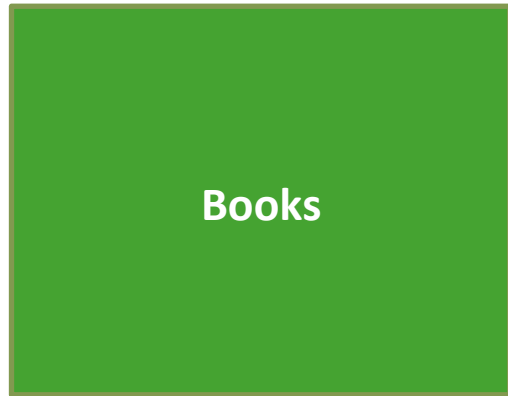
Drupal Custom Search Module

SOLR Indexing Layer

Drupal Display



# Discovery System: Implementation – V4.0



# Discovery System: Implementation – V??



# Discovery System: Implementation – V??

A Knowledge Creation Platform; What is it?



The UNIVERSITY of OKLAHOMA A  
LIBRARIES  
libraries.ou.edu

# Discovery System: Implementation – V??

## Knowledge Creation Platforms

If you want to know more, see this issue of this Open Access journal:

027.7

Zeitschrift  
für  
Bibliotheks  
kultur

At this URL, you'll find a copy of this published article on the subject:

[http://www.0277.ch/ojs/index.php/cdrs\\_0277/article/view/32/62](http://www.0277.ch/ojs/index.php/cdrs_0277/article/view/32/62)



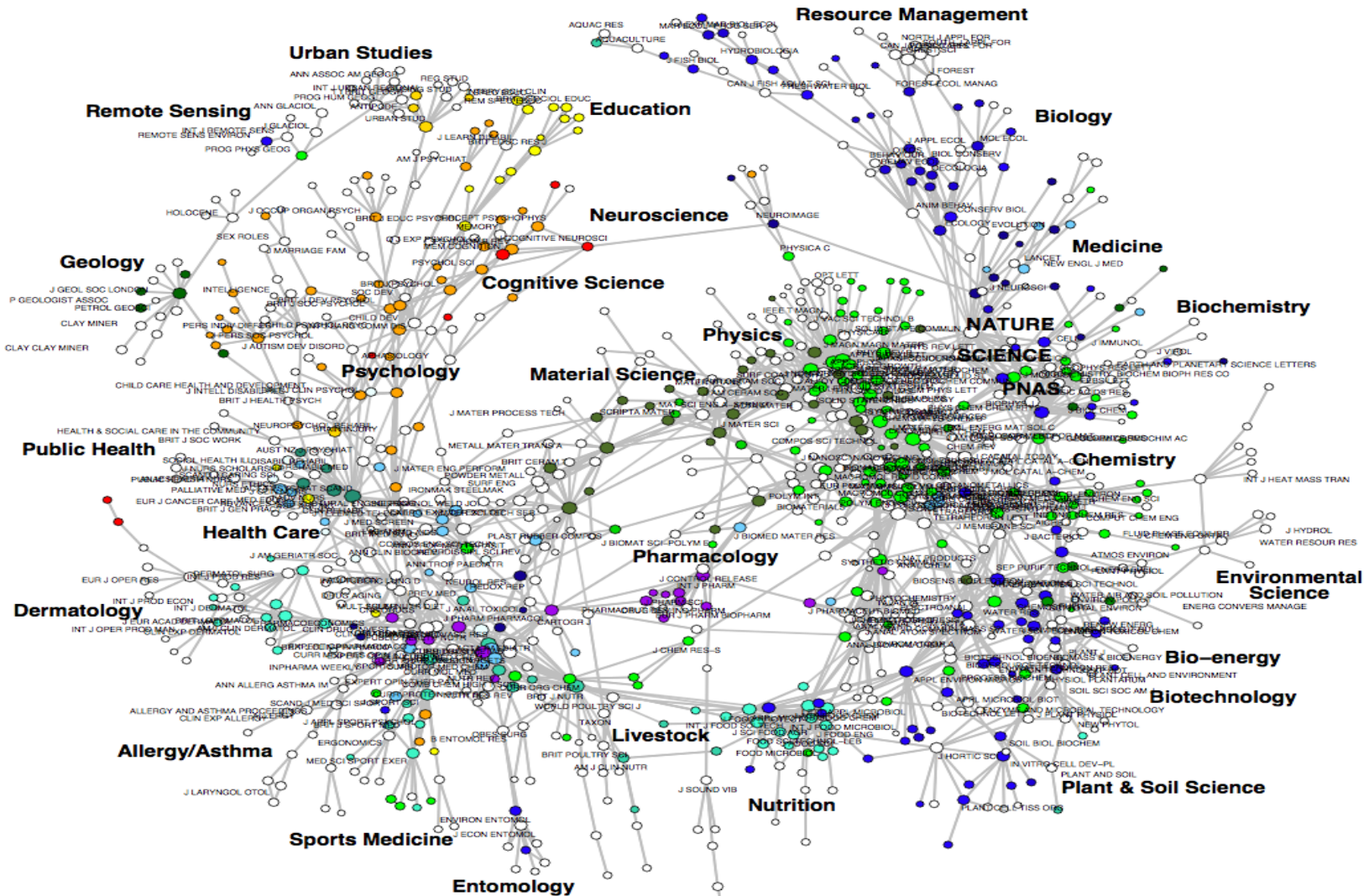
The UNIVERSITY of OKLAHOMA A  
LIBRARIES  
libraries.ou.edu

# Discovery System: Implementation – V??



# Discovery System: Implementation – V??

## Making use of visible knowledge networks



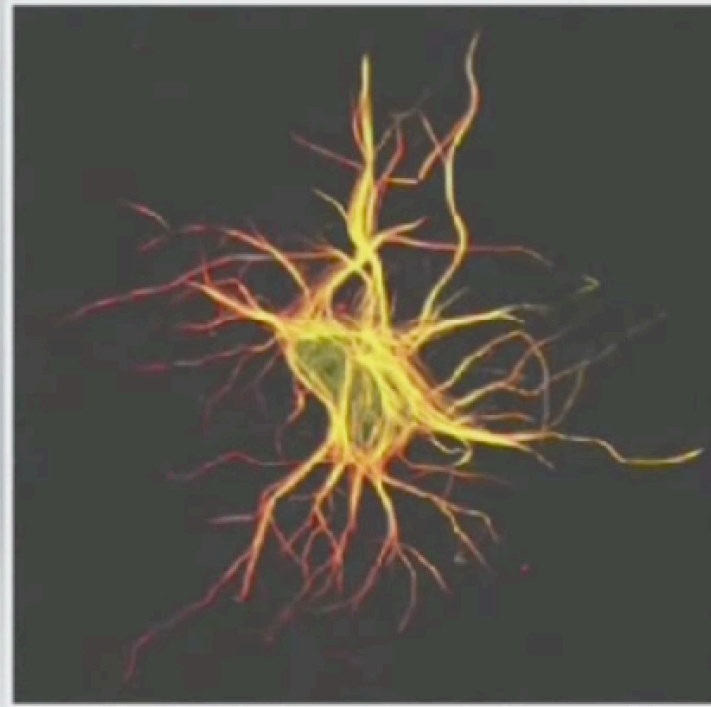
The UNIVERSITY of OKLAHOMA  
LIBRARIES  
libraries.ou.edu

**STEVEN  
JOHNSON**

**WHERE GOOD IDEAS  
COME FROM**

**THE NATURAL  
HISTORY OF  
INNOVATION**

FROM THE BESTSELLING  
AUTHOR OF EVERYTHING  
BAD IS GOOD FOR YOU  
AND THE INVENTION  
OF AIR



**An Idea Is A Network**



The UNIVERSITY of OKLAHOMA  
LIBRARIES  
libraries.ou.edu



# Discovery System: Implementation – V??

The screenshot displays the Exaptive IDE interface. On the left is the 'Component Browser' with various visualization and data source components. The main area is the 'Dataflow Designer' showing a complex network of interconnected components like 'Image\_0', 'Filter\_0', 'AreaChart\_0', and 'NetworkDiagram\_0'. A red arrow points from this network to a 'Cognitive Network' diagram below. The 'Cognitive Network' diagram shows a central node connected to several other nodes, with a legend indicating colors for visualization, datasource, algorithm, developer, and user. To the right of the IDE is the 'Live Xap' panel, which includes a line chart, a network graph, and a table of data. The table has columns for Subject, Ref Number, Name of Pack or Project, Program, Award Type, Lead PI, Lead PI Institution, Pack Size, and Start Year. Below the table is a 'Code View' panel showing PHP code for data retrieval and processing.

**Cognitive Network**

- visualization
- datasource
- algorithm
- developer
- user

**Code View**

```

1 <?php
2 //testargs: search=cancer&retmax=10
3 //defaultargs: retmax=10
4 require_once("../lib/rdo/exaptive-rdo.php");
5 $exaptiveRDO = new ExaptiveRDO();
6 if($exaptiveRDO->HandleRequest()==false){
7     $search = getRequestParam("search");
8     $retmax = getRequestParam("retmax");
9
10    $url =
11    "http://eutils.ncbi.nlm.nih.gov/entrez/eutils/esearch.fc
12    g?";
13    $url .= "db=pubmed&retmax=" . $retmax .
14    "&term=" . $search;
15    $ch = curl_init();
16    curl_setopt($ch, CURLOPT_URL, $url);
17    curl_setopt($ch, CURLOPT_RETURNTRANSFER, 1);
18    $output = curl_exec($ch);
19    curl_close($ch);
20
21    $xml = simplexml_load_string($output);
22    $duffle = new Duffle();
23    parsePubMedNLandGetAbstracts($xml,
24    $duffle);
25
26    $duffle->send();
27

```

Subject	Ref Number	Name of Pack or Project	Program	Award Type	Lead PI	Lead PI Institution	Pack Size	Start Year
997	997	Notes	MIS	INA	Ratner David	MGH	10	2005

# Discovery System: Implementation – V??

“These technologies will change the nature of search from people seeking out the information they need to the information seeking them out when they need it, without having to think much about it in advance.”

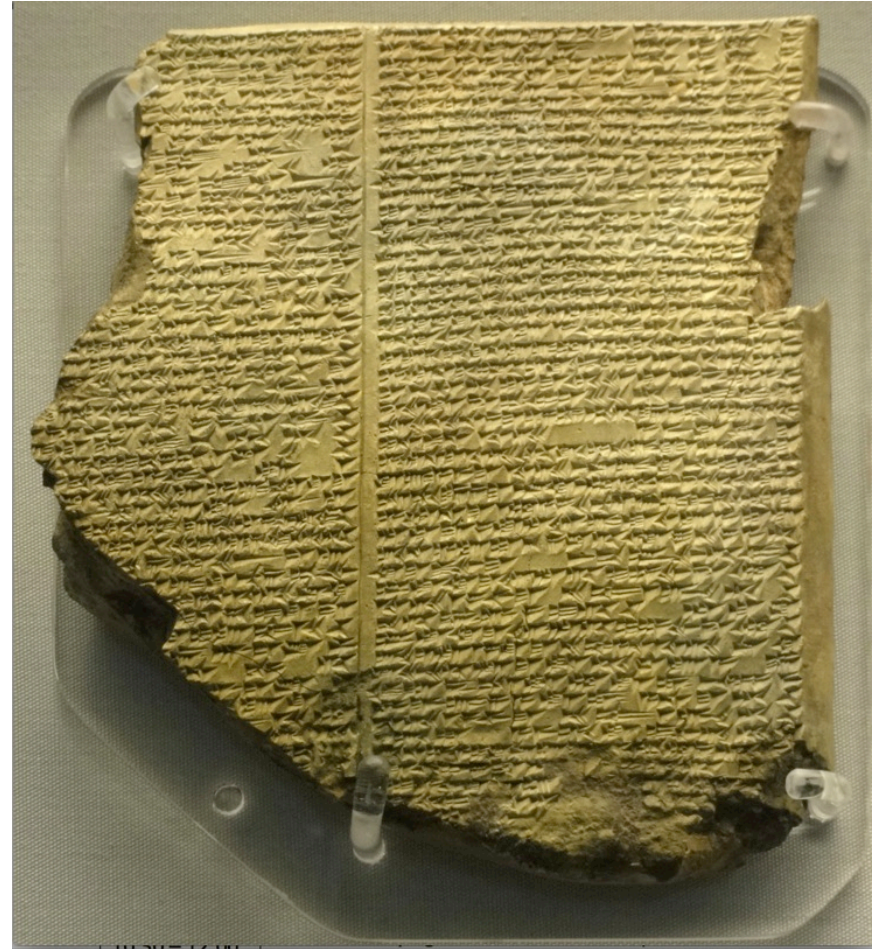
*Steven Bell, Associate University Librarian for Research and Instructional Services, Temple University Libraries*

# Why did we need a Library Service Platform?

Let's face it....

We've been at this for  
awhile (since 2600 BC  
by most estimates).

And as a result....



Tablet from the [Library of Ashurbanipal](#) containing part of the [Epic of Gilgamesh](#)

# **Why did we need a Library Service Platform?**

**We've built a LOT  
of silos of knowledge  
and workflows**



<http://www.flickr.com/photos/paulstarr/>

# Why did we need a Library Service Platform? ILS of the past

**Resulting in (to name just a few) -**

- a. Cumbersome workarounds
- b. Inflexibility
- c. Duplicate data and efforts
- d. Duplicate workflows

**Vendor Support (too thin because...)**

- a. Repetitive Upgrades
- b. Aging hardware at customer sites
- c. Costly training



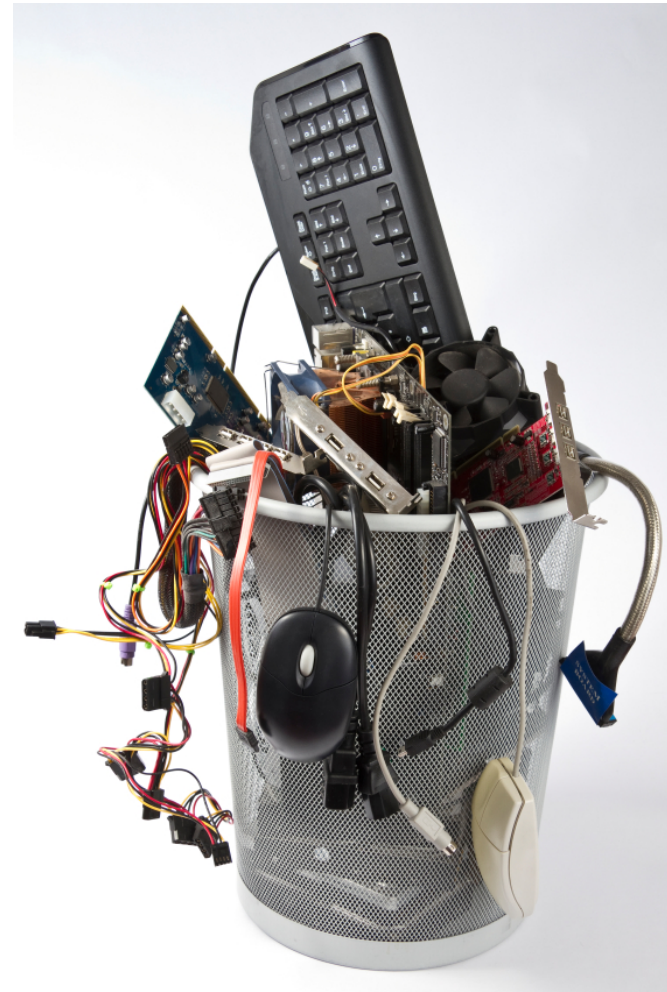
# Why did we need a Library Service Platform? ILS of the past

“We are interpreting  
a global world with a  
system built for local  
landscapes.”



# Why did we need a Library Service Platform?

**ILS of the past...**



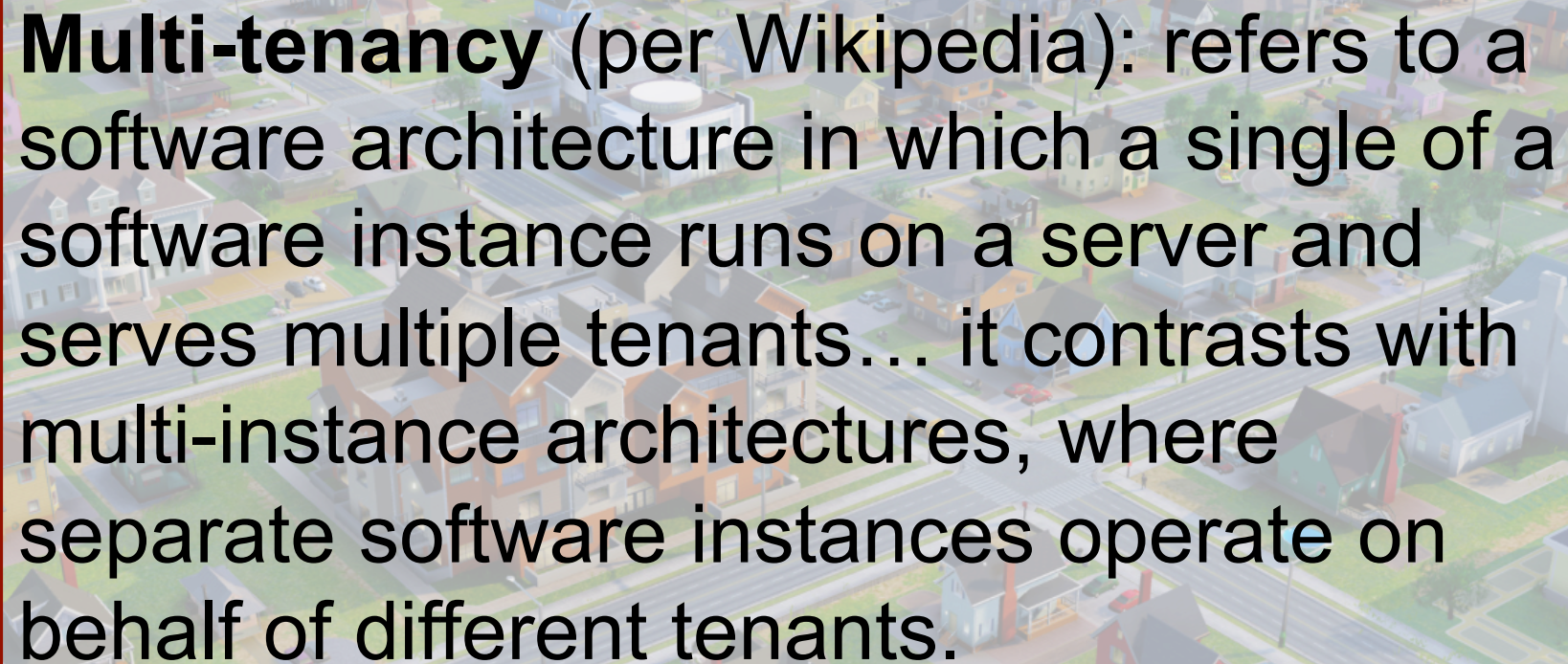
# Why did we need a Library Service Platform?

- Key advantages of an LSP over an ILS:
  - Rapid elasticity.
  - Measured service.
  - Multi-tenancy.
  - Rewritten from ground up to optimize new workflows.
  - Greater global collaboration/cooperation possibilities.
  - Analytics, both local and global, with possibility for transactional.
  - Frees your IT people up to do higher value work for end-users (won't need to hire as many people in the future)
  - No need to:
    - Buying/Scheduling/Upgrading hardware
    - Waiting for or performing software upgrades
    - Worrying about disaster recovery





# Why did we need a Library Service Platform?



**Multi-tenancy** (per Wikipedia): refers to a software architecture in which a single of a software instance runs on a server and serves multiple tenants... it contrasts with multi-instance architectures, where separate software instances operate on behalf of different tenants.

# **Why did we need a Library Service Platform?**

## **Why does multi-tenancy matter?**

- Make software updates once, NOT to each instance of the software
- Rapid updates (vendor does it for you)
- On-demand provisioning / rapid elasticity
- Measured service (buy what you need)

# Why did we need a Library Service Platform?

## Why does multi-tenancy matter? – cont'd

- Security (better)
- Costs (more efficient)
- Reporting/analytic data (power of data comes from quantity of data)

# **Why did we need a Library Service Platform?**

**Data as a Service  
means..  
Build once, used by many**



# Why did we need a Library Service Platform?

Focus on the **Unique** ...  
(the institutional)

... and integrate the **Common**  
(global information)



LIBRARIES  
libraries.ou.edu

# Why did we need a Library Service Platform?

Ownership → Access

Selection → Fulfillment

Just-in-case → Just-in-time

Cataloging → Description

# Why is a Library Service Platform so important?



As LSP's gain momentum:

- Data stores grow and become more valuable.
- Will enable deep analysis and forecasting.
- Transactional analytics

Quality of library service will divide into:

- Very high-performance
- Everybody else



# Why is a Library Service Platform so important?



Using Library Service Platforms, libraries will go from being reactive and generic service organizations to proactive and highly personalized service organizations.



The UNIVERSITY of OKLAHOMA  
LIBRARIES  
libraries.ou.edu



# Our choice in a Library Service Platform?



# Alma



The UNIVERSITY of OKLAHOMA  
LIBRARIES  
libraries.ou.edu

# Justifying a Library Service Platform?

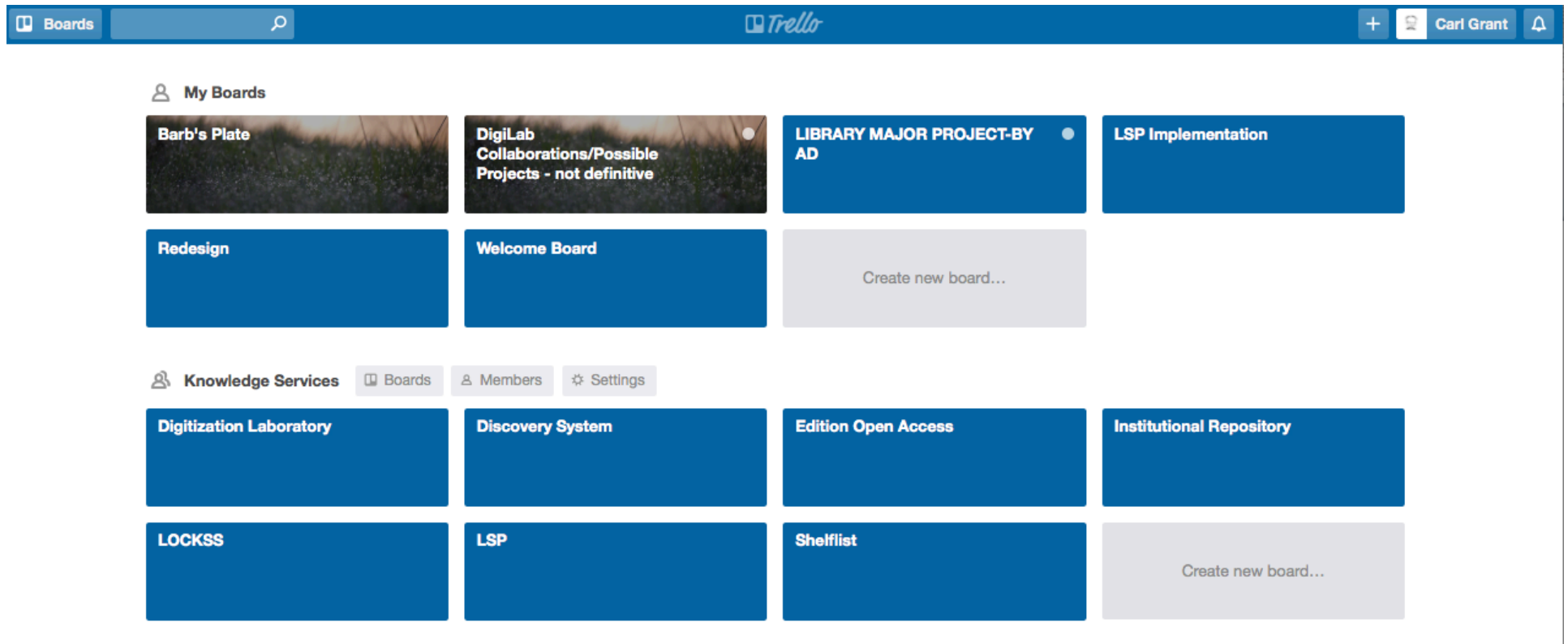
- It is **NOT** about saving money
- It **IS** about being more efficient & effective with the money you have.
  - Repurposing staff positions
  - Offering new services
  - Refocusing existing services/collections
  - Advancing organizational objectives, both:
    - University
    - Libraries

Photo copyright: <https://xbrl.us/gvt-us-money/>

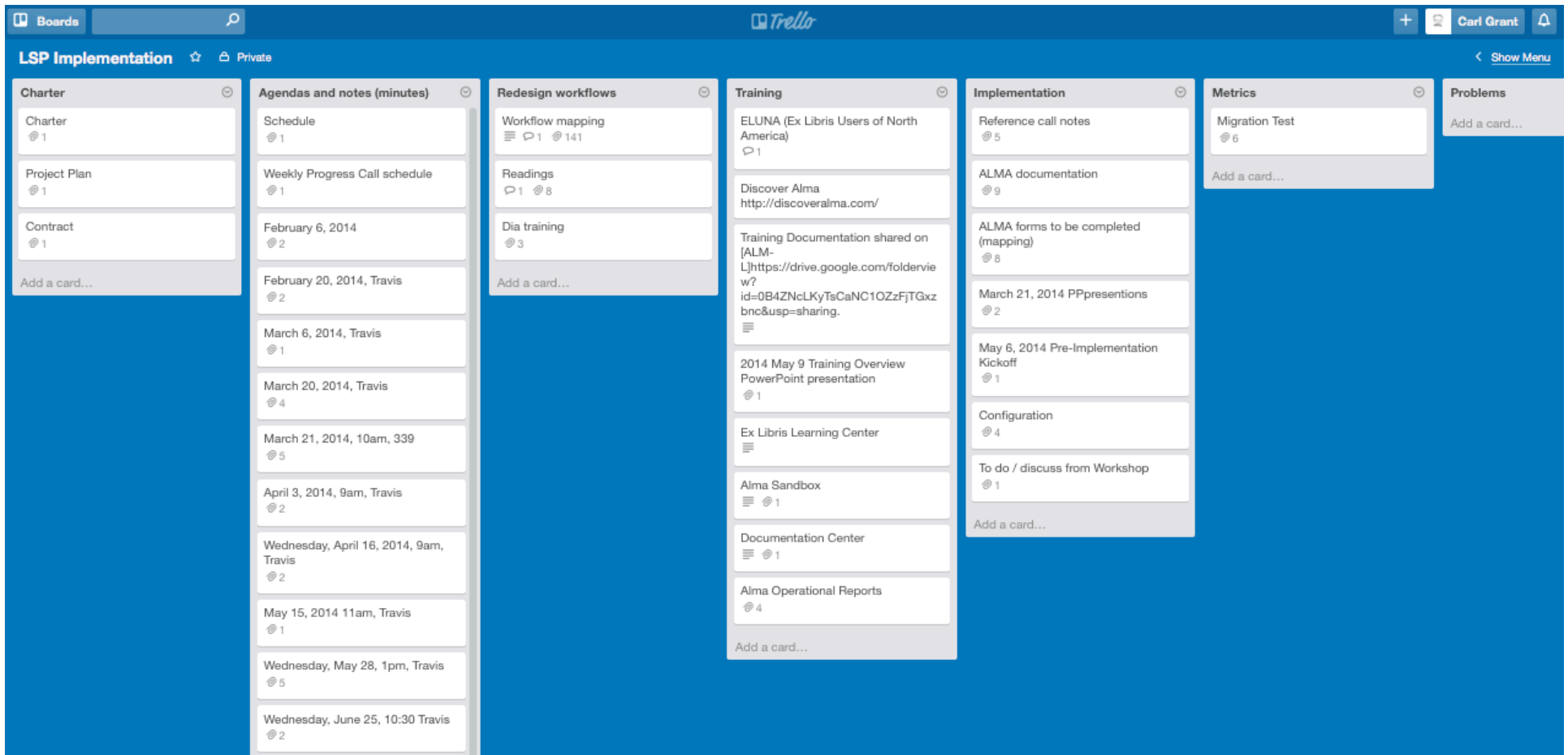


The UNIVERSITY of OKLAHOMA  
LIBRARIES  
[libraries.ou.edu](http://libraries.ou.edu)

# Implementing a Library Service Platform?



# Implementing a Library Service Platform?



# Implementing a Library Service Platform?

## The Charter

### Scope:

The LSP Implementation Team will work with all library departments to identify the best practices to be adopted in redesigning our workflows. The team will help:

- coordinate the departmental teams conducting this work;
- keep the organization focused on the agreed-upon goals and deliverables;
- work with the new LSP system to implement the workflows;
- provide forums for the identifying and addressing inter-departmental issues that arise during the implementation; and
- identify metrics to be measured to assess the quality and throughput of these new workflows.



# Implementing a Library Service Platform? The Charter

## Deliverables:

- Bi-weekly meetings, with pre-issued agendas and minutes after each meeting.
- Suggested and documented new workflows.
- Coordinate training in conjunction with Training Steering Committee
- A report identifying areas examined, improvements desired, metrics to be measured and identified, and expected problems that were encountered.
- A monthly status report issued to the Chief Technology Officer.
- A Trello project plan for managing this process/project.

# Implementing a Library Service Platform? The Charter

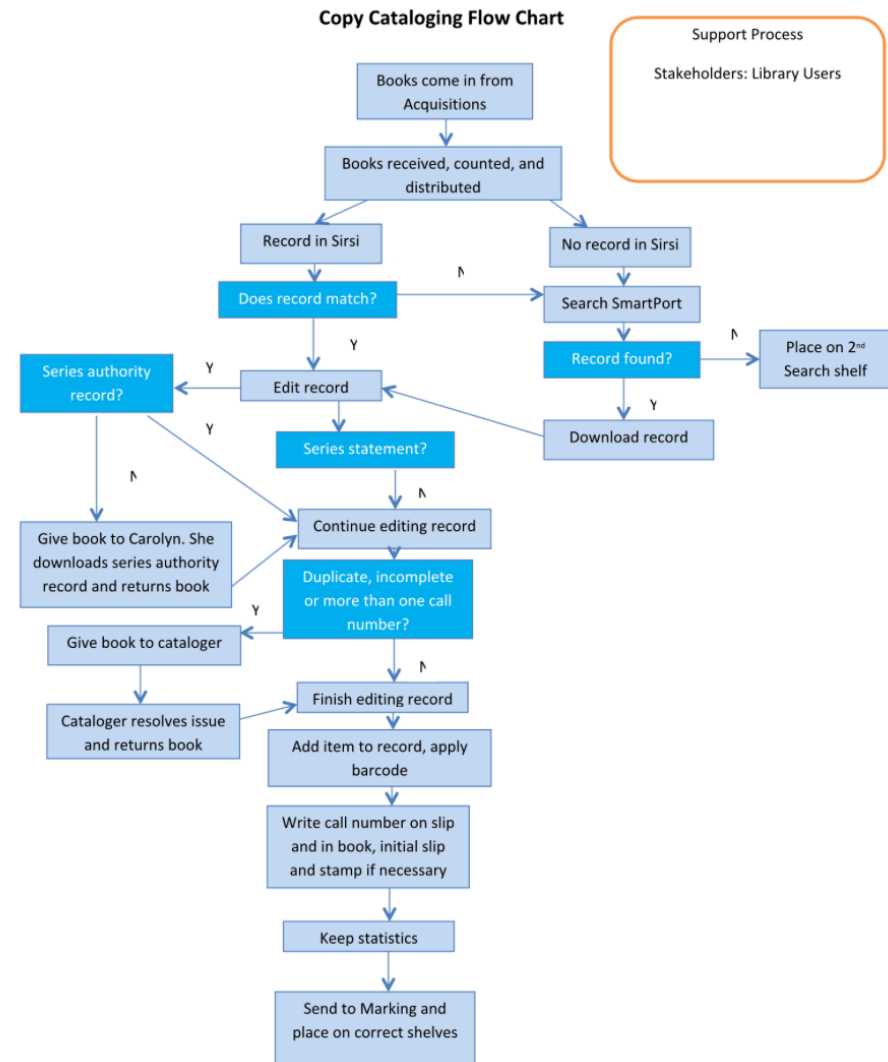
Library Service Platform implementation	2014							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	S = Task started			> = Task continues			X = Task completed	
Workflow Analysis/restructuring		S	X					
Implementing LSP			S	>	X			
LSP Beta - Internal						X		
Fine tune LSP Implementation							S	X

**Actual Go-Live date? January 2015**



# Implementing a Library Service Platform?

- Chart ALL workflows
  - Ideal
  - Current
  - Alma





# Implementing a Library Service Platform?

## Training

- After workflow charting, we utilized Ex Libris video training courses for team training
- Before “Go-Live” all public facing team members were tested to ensure understanding
- 6-months after “Go-Live” all team members took all the video training again

# A Library Service Platform? What about OLE?

- Read: <http://thoughts.care-affiliates.com/2016/04/the-ole-merry-go-round-spins-on.html>
- OLE code base is dead. They're starting over.
- Microservices?
- Governance?
- Target market?
- Multi-tenant?
- 2018? 😊

# Agenda

1. Introduction – A story about a research library
2. The 3 things you need to remember at the end:
  - a. Have a plan, i.e. know where you're headed
  - b. Think BIGGER
  - c. **Radically Collaborate**
3. Conclusion

# Radically Collaborate!

*Journal of Library Administration*, 51:66–76, 2011  
Copyright © Taylor & Francis Group, LLC  
ISSN: 0193-0826 print / 1540-3564 online  
DOI: 10.1080/01930826.2011.531642



## **Advancing From Kumbaya to Radical Collaboration: Redefining the Future Research Library**

JAMES G. NEAL  
*Columbia University, New York, NY, USA*



# Radically Collaborate!

“Radical collaboration encourages academic libraries to move in four new directions:

1. Mass production (back-room operations)
2. Centers of excellence (specialized expertise or services)
3. New infrastructure (digital ingestion, processing, archiving)
4. New initiatives, new programs/project

In all four cases, the measures of success must be quality, productivity and innovation.”

James G. Neal



# Radically Collaborate!

- How we has OU “radically collaborated”?
  - Repository (jointly done with OSU/OU)
  - Galileo’s World (Partners across country/globe)
  - Innovation @ the Edge (Virtual reality / scaling)
  - Innovation Hub (Partners across campus)
  - Alma(LSP)/Primo(Discovery) - (Implementations)
  - Vendors (Exaptive, ProQuest/Ex Libris, others...)
  - CLIR – Postdoc position creation
- Planned?
  - Preservation/Archiving
  - Metadata
  - Research data services



# Agenda

1. Introduction – A story about a research library
2. The 3 things you need to remember at the end:
  - a. Have a plan, i.e. know where you're headed
  - b. think BIGGER
  - c. Radically Collaborate
3. Conclusion

# Conclusion

**Remember!**

- a. Have a plan, i.e. know where you're headed**
- b. Think BIGGER**
- c. Radically Collaborate**

**And, finally.....**



# Future – Where are we headed?

## The 21<sup>st</sup> Century Library will:

- See the community as part of their “collection”
- Provide them with seamless tools to provide services and facilitate knowledge creation.
- Build cognitive (not social) networks of people in their community.
- Use technology to pave ways for information to automatically find the users (analytics, Knowledge Creation Platforms and more ) not the other way around.
- Be able to clearly document and show **value**.

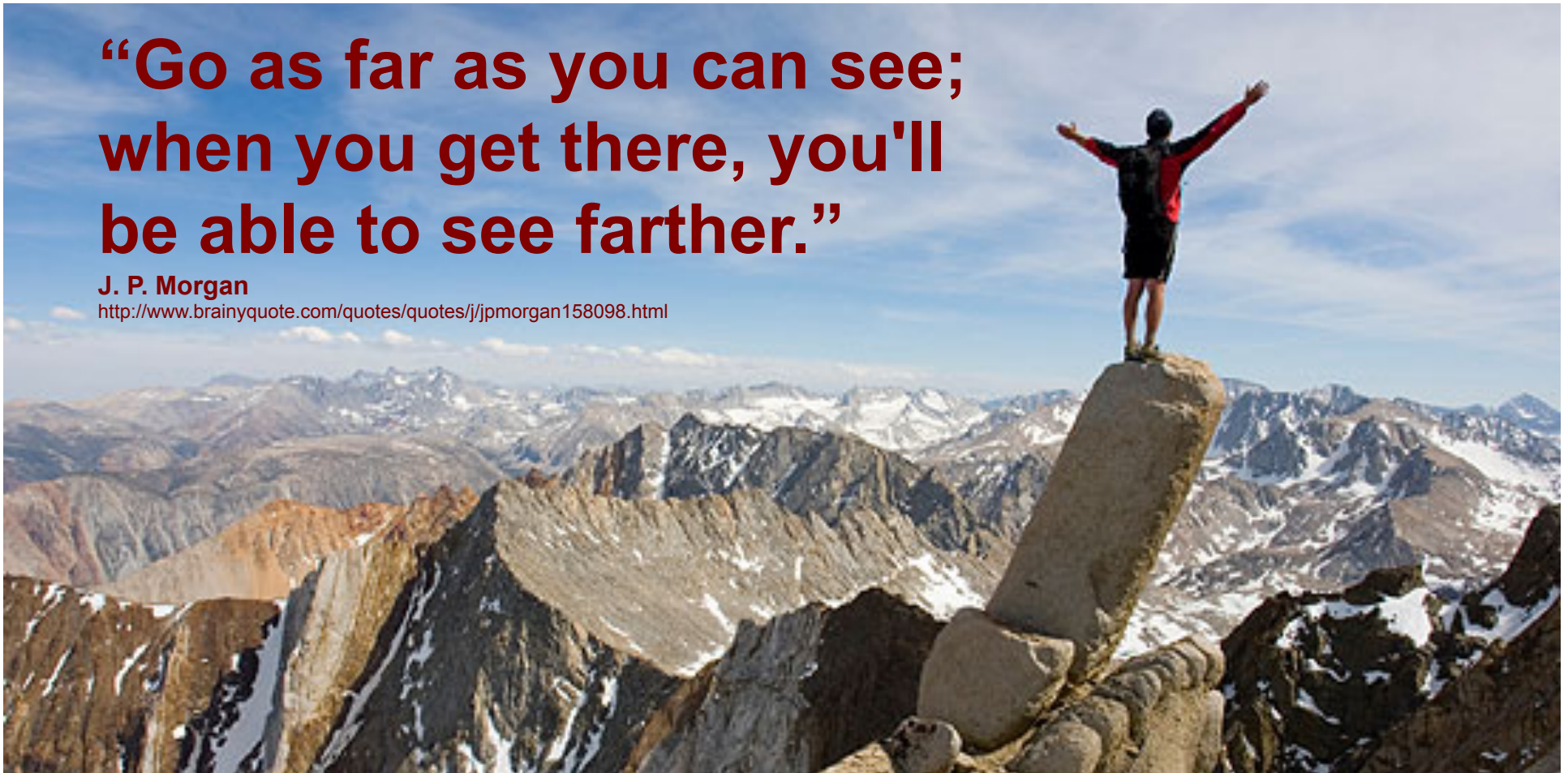


# Conclusion

**“Go as far as you can see;  
when you get there, you'll  
be able to see farther.”**

**J. P. Morgan**

<http://www.brainyquote.com/quotes/quotes/j/jpmorgan158098.html>



The UNIVERSITY of OKLAHOMA  
LIBRARIES  
[libraries.ou.edu](http://libraries.ou.edu)

# Conclusion



# The End! Q&A?

## **Carl Grant**

Associate Dean for Knowledge Services

Chief Technology Officer

M: +1-540-449-2418

E: [carl.grant@ou.edu](mailto:carl.grant@ou.edu)

Twitter: [http://www.twitter.com/carl\\_grant](http://www.twitter.com/carl_grant)

Blog: <http://thoughts.care-affiliates.com>



The UNIVERSITY of OKLAHOMA  
LIBRARIES  
[libraries.ou.edu](http://libraries.ou.edu)