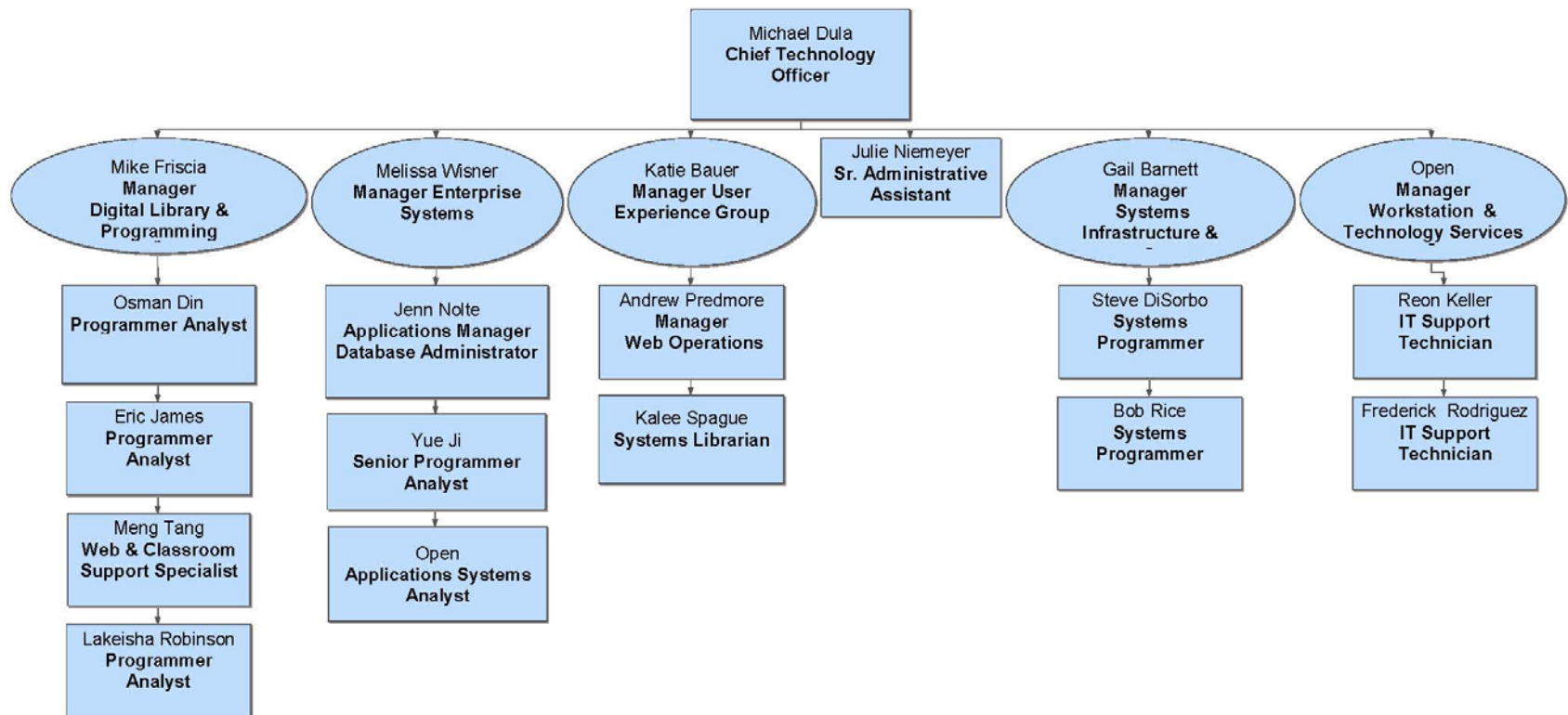


# Information Technology Initiatives at Yale University Library

June 24, 2013

Michael Dula  
Chief Technology Officer

# Library IT org chart



# Library IT

- **19** People
- **920** Workstations (plus a growing number of mobile devices)
- **856** Terabytes of storage (out of 1307 available)
- Servers
  - **4** V-Hosts (physical)
  - **59** Virtual Machines
  - **15** Windows Servers
  - **8** Sun Servers
- **8** Enterprise Systems
- **300+** Custom Applications and Databases (approx.)

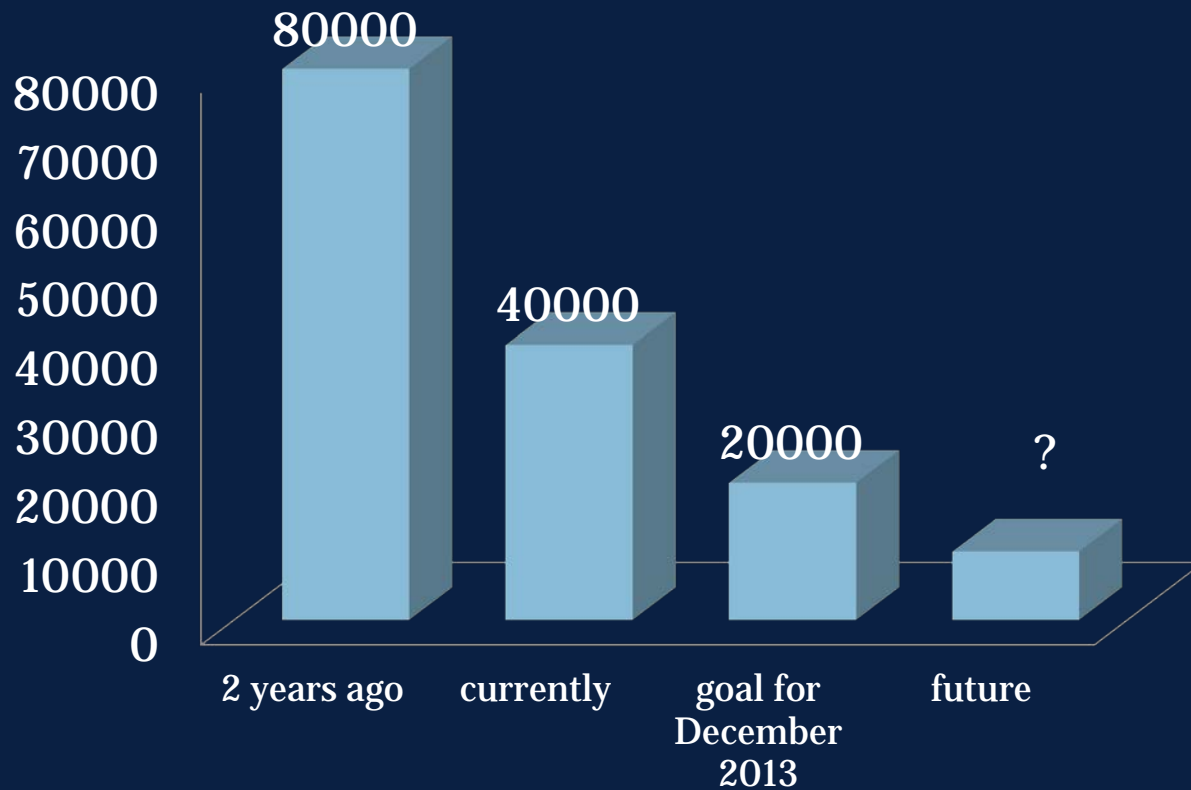
# Library IT Projects - Overview

- Website redesign
- EliScholar Scholarly Publishing Platform
- Atlas Systems: Aeon and Ares
- SQL2012
- Voyager utilities and enhancements
- Identity Management
- The Hydra Project
- Discovery Implementation

# Website redesign

- Deletion of out of date and unsupported webpages
- Less static and more dynamic webpage content
- Moving content to LibGuides, example GetIt@Yale
- Study room reservations via LibCal

# Static Web Pages: library.yale.edu



# EliScholar

Institutional repository hosted by Bepress for Yale Journals, conference proceedings and other publications.

Sampling of prospective materials:

- Drama MFA theses
- Nota Bene
- Medical theses
- Digital Himalaya site
- E-journals
- SelectedWorks portfolio pages

# EliScholar - <http://elischolar.library.yale.edu/>

## EliScholar

A Digital Platform for Scholarly Publishing at Yale

[HOME](#) [ABOUT](#) [FAQ](#) [MY ACCOUNT](#)

Enter search terms: [Follow](#)

[in this repository](#)

Advanced Search

Notify me via email or [RSS](#)

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[Yale Law School Repository](#)  
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### AUTHOR CORNER

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### Nota Bene



Nota Bene is published during the academic year to acquaint the Yale community and others with the resources of the Yale Library.

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### Browse Research and Scholarship

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EliScholar is a service of Yale University Library. Research and scholarly output included here has been selected and deposited by the individual university departments and centers on campus.

#### At a Glance

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20 most recent additions

#### Paper of the Day

**A Comparison of the Effects of Isometric Handgrip AND Dynamic Exercise on Systolic Time Interval Determinations in Normals and in...**  
Lawrence Paul Temkin

📄 28 papers to date    📄 21 full-text downloads to date    📄 21 downloads in the past year

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## Atlas Systems: Aeon and Ares

- Ares will provide better e-reserve management
- Aeon has been implemented by BRBL and MSSA and provides improved special collection and archival management
- Aeon will roll out to other special collections in the year ahead
- New position to support Atlas Systems

# SQL2012 (Example)

## Requests over the Past 5 Days

Percent Completed in < 48hrs\*



Total Finished Transactions	217
Completed in Less than 48hrs	156
Percentage	71.89%

Average Turnaround Time in Hrs.



Average Number of Hours to Completion since Receipt by Bass	22
---	----

Request Volume



Date	Received	Finished
3/16/2013		6
3/17/2013		
3/18/2013	78	26
3/19/2013	34	86
3/20/2013	50	34

## Current Requests

Number of Requests by Age

≤24hrs	25-48	49-72	≥73hrs
12	11	3	11

### 37 Outstanding Requests

Lending TN	Request Date	Received Date	Age (Placed)	Age (Received)	Transaction Status	Loc.	callnumber	Volume Title	Followup
698547	Mar 08	Mar 12	297	203	In Stacks Searching	smisla	PN56.R3 A83X 2003 (LC)	Mimesis : the representation of reality in Western literature /	●
697333	Mar 13	Mar 14	174	159	In Stacks Searching	sml	E814 .T85X 2008 (LC)	Immigration and the legacy of Harry S. Truman /	●
697384	Mar 13	Mar 14	174	159	Awaiting Odyssey	smi	D50 M48	Medieval architecture	●

# Voyager Utilities and Enhancements

- Clean-up MARC records
- Red light, Green light
- Virtual review plaza
- Scan & Deliver

# Voyager: virtual review plaza

Yale University Library New Items Reporting Tool

[User Guide](#) [Logout](#)

Search By

Selector Name

Fund name

Select PD Received Dates

Recent Weeks

Date Range

5 weeks

You searched for 5 week of

King,Lindsay

Displaying 1-50 out of 156 results.




Select Selector

Dollar, Daniel  
Dougherty, Robin  
Emmet, Joan  
Eow, Gregory  
Grafe, Melissa  
Hatheway, Holly  
Heister, Carla  
Kasten, Ulla  
King, Lindsay  
Krentz, Janice

Search

Excel

Email

Google Book	BIB ID	Title	Author	Publication Date	Publisher	Publication Place	Edition	Imprint	MFHD Location	Normalized Call HO	Display Call HO	ISBN	ISSN	Language	BIB Format
	<a href="#">11381308</a>	William Shakespeare's Antony and Cleopatra /	Shakespeare, William, 1564-1616.	2012.	Oberon Books,	London, England :		London, England : Oberon Books, 2012.	dra	PR 2802 A 2 S 89 2012 ( LC )	PR2802 A2 S89 2012 (LC)	9781849434065		eng	am
	<a href="#">11381318</a>	Together again : a romantic comedy : with the magnificent help of William Shakespeare, Richard Sheridan, and George Bernard Shaw /	Sharkey, Thomas M.,				A Samuel French acting edition.		dra	PS 3569 H 34283 T 64 2012 ( LC )	PS3569 H34283 T64 2012 (LC)	0573700117 (pbk.)		eng	am
	<a href="#">11367116</a>	This house /	Graham, James, 1982-	2012.	London : Methuen Drama,			London : Methuen Drama, 2012.	dra	PR 6107 R 3454 T 48 X 2012 ( LC )	PR6107.R3454 T48X 2012 (LC)	9781408173114 (pbk.)		eng	am

# Identity management

The University is working on a replacement for the many outmoded identity systems in use around campus. For YUL, this will mean a replacement for the current VPN system providing access to off campus users. For the Medical Library, we hope that this will replace their aging Squid proxy server. This will bring us in line with peer institutions who allow patrons to access library materials remotely with a single sign-on system.

## Hydra Project - <http://projecthydra.org/>

In collaboration with Stanford, Columbia, the University of Virginia, and other partners, Yale Library has joined an effort to create a set of repository tools to control management, indexing, discovery, retrieval, and preservation of digital materials at all phases of an object's lifecycle. These tools are known collectively as the **Hydra** project. As of May 2013 we are one of the 18 official Hydra partners.

# Discovery Implementation

## Timeline

- Summer 2013
  - Summon implementation for e-resources
  - Blacklight implementation for new digital collections
  - Both interfaces live for fall semester
- Fall 2013
  - Integration of Summon with Blacklight
  - Additional digital collections brought into Blacklight
- 2014
  - Single Blacklight search interface for: e-resources, LibGuides, YUL website, Orbis, Morris, most legacy digital collections. Possible BorrowDirect integration.

# Summon

Single discovery layer for searching licensed e-journals and some e-books with a simple search linked under Find Articles from the Library's home page.



# Summon - <http://yale.summon.serialssolutions.com/>

Yale UNIVERSITY LIBRARY Help | About | Feedback

shakespeare  Advanced Search

Keep search refinements  New search

**Search Results:** Your search for **shakespeare** returned **766,928** results

Relevance 🔍 📄 📡

**Recommendation:** We found one or more specialized collections that might help you.

- [World Shakespeare Bibliography Online](#)

**Refine your search**

Items with full text online

Limit to articles from scholarly publications, including peer-review

Limit to articles from peer-reviewed publications

Exclude Newspaper Articles

Add results beyond your library's collection

**▼ Content Type**

Any

Newspaper Article (474,045)

Journal Article (157,287)

Book Review (71,536)

Book / eBook (43,094)

Dissertation/Thesis (16,146)

Book Chapter (10,916)

[more...](#)

**▼ Subject Terms**

Any

english literature (51,308)

theater (45,357)

shakespeare, william (43,357)

1500-1599 (39,369)

history (21,755)

drama (19,960)

[more...](#)

**▼ Publication Date**

Any

to

to

to

**Shakespeare** 🔍 📄

by Egan, Gabriel; Smith, Peter J; Parsons, Elinor; Butler, Chris; Cadman, Daniel; Wood, Richard ... (more)

Year's Work in English Studies, ISSN 0084-4144, 2012, Volume 91, pp. 328 - 507

English literature, 1500-1599, Shakespeare, William (1564-1616), bibliography

Journal Article: Citation Online

---

**Shakespeare** 🔍 📄

by Egan, Gabriel; McAreavey, Naomi; Smith, Peter J; Parsons, Elinor; Butler, Chris; Porter, Chloe ... (more)

Year's Work in English Studies, ISSN 0084-4144, 2011, Volume 90, pp. 297 - 471

English literature, 1500-1599, Shakespeare, William (1564-1616), bibliography

Journal Article: Citation Online

---

**Shakespeare** 🔍 📄

by Egan, Gabriel; Smith, Peter J; Parsons, Elinor; Butler, Chris; Connolly, Annaliese; Wood, Richard ... (more)

Year's Work in English Studies, ISSN 0084-4144, 2010, Volume 89, pp. 337 - 450

English literature, 1500-1599, Shakespeare, William (1564-1616), bibliography

Journal Article: Citation Online

---

**Shakespeare** 🔍 📄

by Egan, Gabriel; Smith, Peter J; Parsons, Elinor; Hartwell, Jonathan; Connolly, Annaliese; Wood, Richard ... (more)

Year's Work in English Studies, ISSN 0084-4144, 2009, Volume 88, pp. 345 - 486

English literature, 1500-1599, Shakespeare, William (1564-1616), bibliography

Journal Article: Citation Online

---

**Shakespeare** 🔍 📄

by Walker, Elsie M

Literature/Film Quarterly, ISSN 0090-4260, 2009, Volume 37, Issue 2, pp. 82 - 160

dramatic arts, film, English literature, 1500-1599, Shakespeare, William (1564-1616)

Journal Article: Full Text Online

---

**Shakespeare and I** 🔍 📄

by McKenzie, William; Papadopoulou, Theodora; Edmonson, Paul

2012, ISBN 1441143718

English literature, Shakespeare, William (1564-1616), 1500-1599, experience, drama

# Blacklight for Digital Collections

- Blacklight under development now
- Initial digital collections in Blacklight August 2013
  - Yale Indian Papers Project
  - Arcadia 4 Projects
- More collections added in 2014
  - Migration from CONTENTdm
  - Migration of older Fedora collections
  - Fortunoff
  - Kissinger
  - New Arcadia projects?
  - Others

# Integrated Discovery

## COLUMBIA UNIVERSITY LIBRARIES

Spotlight

library hours

intersession and summer hours

SEARCH

Search for books, articles, journals, videos, music, and more. Use [CLIO](#) for advanced search features.



### NEWS & EVENTS

- [Mailman School of Public Health Adopts an Open Access Policy](#)  
The Mailman School of Public Health at Columbia University ...
- [C.V. Starr East Asian Library Receives Luce Foundation Grant](#)  
Starr receives \$300,000 grant for Tibetan Studies Librarian ...
- [CCNMTL to Collaborate with Jewish Higher Ed Institutions](#)  
Elearning faculty fellowship will support educational techn ...
- [Columbia's Center for Human Rights Documentation & Research](#)  
Columbia University Libraries Acquires McDougall Papers ...
- [Columbia University Libraries Announces Staff Appointments](#)

### FEATURED E-RESOURCE



#### Philosopher's Index

Citations and abstracts of books and journal articles in philosophy and related fields.

### QUICKLINKS

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### GENERAL CONTACT

Address  
535 West 114th St.  
New York, NY 10027

Telephone  
(212) 854-7309

Fax  
(212) 854-9099

# Blacklight with Voyager, Summon, Fedora collections, and website search

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**CLIO**

**Quicksearch**

- Catalog
- Articles
- E-Journal Titles
- Databases
- Academic Commons
- Libraries Website
- Archives
- Dissertations
- E-Books
- New Arrivals
- Newspapers

**Catalog** All 279 results

**Picasso: the cubist portraits of Fernande Olivier**

Author Weiss, Jeffrey S.  
Published Washington : National Gallery of Art ; [Princeton] : Princeton University Press, 2003.  
Location ✓ Avery Fine Arts (Non-Circulating) >> ND813 P58 W436  
✓ Barnard >> N6853.P5 A4 2003  
Format Book

**Picasso: tradition and avant-garde : 6 June-4 September 2006**

Author Picasso, Pablo, 1881-1973  
Published Prado : Museo Nacional del Prado ; [Madrid] : Museo Nacional Centro de Arte Reina Sofia, c2006.  
Location ✓ Avery Fine Arts (Non-Circulating) >> ND813 P58 C1354  
Format Book

**Picasso: guerra y paz**

Author Picasso, Pablo, 1881-1973  
Published [Barcelona] : Museu Picasso, c2004.  
Location ✓ Avery Fine Arts (Non-Circulating) >> ND813 P58 Oc2334  
Format Book

**Picasso: linolschnitte = linocuts**

Author Müller, Markus, 1965-  
Published München : Hirmer, c2011.  
Location ✓ Avery-LC (Non-Circulating) >> NE1336.P5 A4 2011g  
Format Book

**Picasso: his first museum exhibition 1932**

Author Bezzola, Tobia  
Published Zürich : Kunsthaus Zürich ; Munich ; London ; New York : Prestel, c2010.

**Articles** All 9,616 results

**Picasso**

Author Mark M Johnson  
Citation Arts and Activities, 1/2/2004, ISSN: 0004-3931, Volume 135, Issue 1, p. 29  
Format Journal Article: [Full Text Available](#)

**PICASSO**

Author Anonymous  
Citation Instructor (1999), 1/11/2006, ISSN: 1049-5851, Volume 116, Issue 4, p. P1  
Format Journal Article: [Full Text Available](#)

**Picasso Mystery**

Author Anonymous  
Citation Scholastic Art, 1/3/2011, ISSN: 1060-832X, Volume 41, Issue 5, p. 12  
Format Journal Article: [Full Text Available](#)

**Academic Commons** All 121 results

**The Baroque Effect: Architecture and Art History in Berlin, 1886-1900**

Author Narath, Albert  
Date 2011  
Handle <http://hdl.handle.net/10022/AC:P:11775>  
Subject Art history  
Type Dissertations  
Downloads Loading...

**Photographers and Collective Licensing: A Short History with No Ending**

Author Mopsik, Eugene

**Some Common Threads...**

# Reducing Complexity

- Reducing number of systems and system components
  - Number of web pages
  - Virtual servers, fewer physical servers
  - Out of the box solutions, fewer custom solutions
  - Build only when the buy option is not available
  - Converging on broad solutions rather than multiple solutions across YUL
  - Using Central Yale resources where appropriate (e.g., Drupal)

# Moving to the Cloud

- Yale-wide: Box.net, Basecamp, Office 365 (likely)
- SpringShare products (LibCal, LibGuides, LibAnalytics)
- EliScholar
- Summon (and the KnowledgeBase it uses)
- Aeon and Ares
- Next generation ILS?
- Storage?

## Collaborations Internal and External

- Syndicating content responsibility across Library and across Yale—e.g., LibGuides, EliScholar, SQL2012
- Collaboration with external partners
  - BorrowDirect partnership
  - Digital Preservation Network
  - DuraSpace/Fedora Futures
  - Hydra Partnership



Questions?