The Digital Public Library of America and Academic Libraries: How the DPLA Advances Teaching, Learning, and Research

Michael J. Paulus, Jr., Seattle Pacific University
Jonas Lamb
Kristen Yarmey, University of Scranton
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Emily Gore

Available at: https://works.bepress.com/michael_paulus/47/
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Session Hashtag: #acrlDPLA
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DPLA Timeline and Reading List

This is a timeline detailing some of the more significant events in DPLA’s history, as well as a short but ideally helpful assortment of articles, blog posts, and essays related to DPLA from those time periods. Please bear in mind that DPLA may have and likely has evolved from what’s described in articles published during the planning initiative (Fall 2010 – Spring 2013), when DPLA was at times more of a concept than an actual organization.

If you’re curious about DPLA’s history and development from 2010 to the present, visit http://dp.la/info/about/history/, or email us (info@dp.la). Enjoy!

⋄ ⋄ ⋄

2010

★ October 2010
Nearly 40 leaders from libraries, foundations, academia, and technology projects gather in Cambridge, Massachusetts where they agree to work together to create “an open, distributed network of comprehensive online resources that would draw on the nation’s living heritage from libraries, universities, archives, and museums in order to educate, inform, and empower everyone in current and future generations.”

★ December 2010
The Berkman Center for Internet & Society at Harvard University, supported by the Alfred P. Sloan Foundation, announces start of the “Digital Public Library of America” planning project, convening leading experts in libraries, technology, law, and education to begin work on the ambitious project. The Berkman Center, which houses the DPLA Secretariat, invites these and other leaders to serve on a Steering Committee and six workstreams. Initial work of scoping the initiative continues into 2011.

A PORTAL FOR DISCOVERY

A PLATFORM TO BUILD UPON

A STRONG PUBLIC OPTION
“volunteers to help us spread the word in local communities”
An intention to configure a culture represented by fixed expressions of knowledge

A canonical collection created through selection

A collection mediated for a community
LOCAL, CONSORTIAL, BEYOND
EXPLORATION & ENGAGEMENT

App Library

The DPLA is a platform that enables new and transformative uses of our digitized cultural heritage. The DPLA’s application programming interface (API) and open data can be used by software developers, researchers, and others to create novel environments for learning, tools for discovery, and engaging apps.

Metadata Explorer
Dean Farrell
A visualization showing the flow of digital libraries into the DPLA
App Home Page

DPLA Item Flow
Dean Farrell
A visualization showing the flow of items into DPLA hubs from their content providers
App Home Page

DPLA Depositors Visualization
Dean Farrell
Hover over an institution’s badge to see how many items it has contributed to DPLA
App Home Page

DPLA Bookshelf Language Visualization
Dean Farrell
Visually browse books by language and view them on the DPLA Bookshelf
App Home Page

Term Frequency Map
Dean Farrell
See how your search terms’ frequency changes through time on the DPLA
App Home Page
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Session Hashtag: #acrl_dpla
REP(resent)ING for AK

Working to put Alaska on the DPLA map

➢ 6,000 items in DPLA with AK location data
➢ 0 contributed by AK based institutions
EXPLORATION & ENGAGEMENT
EXPLORATION & ENGAGEMENT

DPLA in the context of the ACRL Framework for Information Literacy for Higher Education

Searching as Strategic Exploration

Searching for information is often nonlinear and iterative, requiring the evaluation of a range of information sources and the mental flexibility to pursue alternate avenues as new understanding develops.

Learners developing information literate abilities do the following:

• Recognize the value of browsing and other serendipitous methods of information gathering
EXPLORATION & ENGAGEMENT

**ACTIONS**

- Outreach to Alaska Library Association > route HUB on-ramping questions back to DPLA
- DPLA and the 3 Ps: Presentation to librarians and educators @ Alaska Library Association Annual 2015
- DPLA in context of primary source materials during IL one-shot instruction in UAS Natural Sciences courses
- Outreach to UAS faculty: DPLA as Teaching and Learning Tool

**ASPIRATIONS**

- Host a hack-a-thon
- Outreach to UAS Graduate School of Education: M.ED Educational Technology
- See AK LAMS get onboarded with DPLA via a state or regional hub
Why I **DPLA**?

- PUBLIC (OPEN) API and Metadata Application Profile (MAP ie The One Ring)
- Rights Advocacy and Awareness
- Hack this Library
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Session Hashtag: #acrldpla
REPPING FOR DPLA IN PA

➢ Working to increase awareness and interest in DPLA among PA librarians

➢ Building a DPLA Service Hub for PA!

Statewide Collaboration on Historic Digital Collections
We’ve added a ton of content to UofS digital collections - but our usage analytics are stagnant.

2 hubs reported huge increases (55%, 105%) in visits after joining DPLA!
WHY? REUNIFICATION

DPLA platform can digitally reunite physically fragmented collections.

Horace Grant Healey Penmanship Collection, New York Public Library - http://archives.nypl.org/mss/1366

Horace G. Healey Collection, Zaner-Bloser Penmanship Collection, University of Scranton - www.scranton.edu/library/zanerbloser
Primary sources introduce complex information literacy challenges.

Students can use DPLA to engage with conflicting perspectives, ambiguous or unknown authorship, unfinished works, and unfamiliar formats.

WHY? INFORMATION LITERACY

- Robust DPLA API can help students learn how to craft meaningful search strategies.

Library Observatory Tree Graph, by metaLAB - http://www.libraryobservatory.org/
DPLA API fosters exploration with new modes of search and discovery.

Users can see and compare items and metadata in and across different contexts.
DPLA sparks important discussions about rights and access to human knowledge.

Could DPLA’s platform and infrastructure play a role in the dissemination of scholarship?

Could DPLA cut through institutional repository silos?

Could DPLA help academics reconnect with the public?
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DPLA & ACRL LIBRARIANS

➢ PEOPLE HELP MAKE DPLA WORK
➢ Librarians have great networks

A Group of Librarians in Asbury Park, New Jersey
(1919)

Copyright status: Orphan Work

http://imagesearchnew.library.illinois.edu/cdm/ref/collection/ALA/id/157
PROFESSIONAL DEVELOPMENT

Librarians master each-one, teach-one
### Digital Public Libraries of America (DPLA)

**Title:** Digital Public Libraries of America (DPLA)

**Description:** As we approach the two-year mark for Digital Public Library of America (dpl.a), the project is living up to the goal of being a model of "open scholarship" in action. It is also a remarkable model for sustainable growth in digital humanities projects, and is on course to meet the promise of "a National Digital Library." This workshop explores ways that faculty can use the three facets of DPLA as "a portal, a platform and public option" to find previously hidden cultural collections, to engage with primary resources, and enter into a conversation about new scholarly communication venues with our veteran colleagues and fledgling scholars.

**Date & Time:** 12:15pm - 1:40pm, Tuesday, March 17, 2015

**Location:** Q-Library 110

**Campus/Site:** Queens Only

**Presenter:** Kathy Shaughnessy

**Category:** CTL Certificate, Graduate Student Certificate, Library as University Hub

**Registration:** Yes (20 seats - Waiting list enabled)

**Owner:** CTL Organizer

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**COLLABORATION:** University

**Librarians part of Campus Interest Groups**
DPLA & ACRL LIBRARIANS

Breakdown of Contributing Institution as of April 2014
(From Strategic Plan)

DPLA Service Hubs & Community Reps
Hosting events
Service Learning Projects
Patron Professional Expertise

➢ COLLABORATION: On & Off-Campus
➢ Librarians part of Community of Libraries
SCHOLARLY COMMUNICATION:

Great tool for talking about IL & ICT Literacy
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Digital Public Library of America

Strategic Plan

2015 through 2017

2015

Community

DPLA is all of us.

- DPLA Hubs
- DPLA Community Reps
- Developers
- Webinar or Open Call Participants
- Interested Cultural Heritage professionals
- OPEN GLAMers
**Service Hubs**

Mountain West Digital Library  
South Carolina Digital Library  
Digital Commonwealth (MA)  
NC Digital Heritage Center  
The Portal to Texas History  
Digital Library of Georgia  
Minnesota Digital Library  
Kentucky Digital Library  
Missouri Hub  

**Content Hubs**

US Government Printing Office (GPO)  
University of IL at Urbana-Champaign National Archives & Records Admin.  
University of Southern California Biodiversity Heritage Library  
The New York Public Library  
Harvard University Library  
Smithsonian Institution  
University of Virginia J. Paul Getty Trust  
David Rumsey  
HathiTrust  
ArtStor
Current Hub Math

13 Content Hubs
+ 9 Service Hubs

1,350 Partners

Soon to be 15 Content Hubs & 15 Service Hubs and 1500+ partners
26,000 Different Rights Statements

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Visualization by Dean Farrell
‘Getting It Right on Rights’

WINNER
Digital Public Library of America

Dan Cohen
@DANCOHEN

Emily Gore
@NCSCHISTORY

Standardization of Rights Statements

Enabling Reuse
DPLA hack!
The DPLA is a platform that enables new and transformative uses of our digitized cultural heritage. The DPLA’s application programming interface (API) and open data can be used by software developers, researchers, and others to create novel environments for learning, tools for discovery, and engaging apps.

DPLA Discovery
Steven Anderson, Tom Morris, and Chris Strauber

DPLA Discovery is a widget that aims to provide multiple discovery interfaces in javascript that can be used in any website.

App Home Page »

DPLA by County and State
Chad Nelson

DPLA by State and County allows you to see how well the DPLA represents each state and each county within a state.

App Home Page »

Serendip-o-matic
One Week | One Tool, Roy Rosenzweig Center for History and New Media at George Mason University

Serendip-o-matic connects your sources to digital materials located in libraries, museums, and archives around the world, including the DPLA, Europeana, and Flickr Commons.

App Home Page »

Culture Collage
Monique Szpak

Culture Collage is a simple tool that lets you search the Digital Public Library of America’s image archive and view the results as a streaming river of images, just keep scrolling to fetch more.

App Home Page »

OpenPics
Say Goodnight Software / PJ Gray

An open source iOS application for viewing images from multiple remote sources. Available for iPhone/iPad on the app store, or get the source code on GitHub!

App Home Page »

DPLAbot
Mark Sample

@DPLAbot is a Twitter bot that tweets links to random items located in the vast collections of the Digital Public Library of America (DPLA).

App Home Page »
“The best thing to do with your data will be thought of by someone else”
This presentation =

http://dp.la

@dpla