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
University of Alaska Southeast

Kristen Yarmey
University of Scranton

Kathryn Shaughnessy
St. John's University - New York

Emily Gore
Digital Public Library of America

Follow this and additional works at: https://digitalcommons.spu.edu/works

Part of the Library and Information Science Commons

Recommended Citation
https://digitalcommons.spu.edu/works/32

This is brought to you for free and open access by Digital Commons @ SPU. It has been accepted for inclusion in SPU Works by an authorized administrator of Digital Commons @ SPU.
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, University of Alaska Southeast
Kristen Yarmey, University of Scranton
Kathryn Shaughnessy, St. John’s University
Emily Gore, DPLA
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, University of Alaska Southeast
Kristen Yarmey, University of Scranton
Kathryn Shaughnessy, St. John’s University
Emily Gore, DPLA

Session Hashtag: #acrl2015
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
COMMUNITY REPS

“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**

**In the time of the Ptolemies**--the Alexandrian Library

- **Creator**: Castaigne, J. André
- **Created Date**: 1908-05
- **Partner**: The New York Public Library
- **Contributing Institution**: Art and Picture Collection. The New York Public Library
EXPLORATION & ENGAGEMENT

Bookshelf

Your search returned 1,713,677 results. Only book and periodical results are shown below.

Refine

Contribution Institution
University of Michigan 346,311
University of California 345,523
New York Public Library 141,654
Harvard University 127,173
Princeton University 117,023

Partner

The Portal to Texas History 17,505
Digital Library of Georgia 11,110
South Carolina Digital Library 7,770
University of Illinois at Urbana-Champaign 279

By Date

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.

Become an App Developer

Metadata Explorer

DPLA Item Flow

DPLA Partner Flow

DPLA Depositors Visualization

DPLA Bookshelf Language Visualization

Term Frequency Map
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, University of Alaska Southeast
Kristen Yarmey, University of Scranton
Kathryn Shaughnessy, St. John’s University
Emily Gore, DPLA

Session Hashtag: #acrltpla
**REPRESENTING** 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

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.

An act for vesting the lands of Knockrake, and other lands in the county of Waterford, in His Majesty, His heirs and successors, to the uses therein expressed, and for other purposes therein

Metadata Explorer

DPLA Item Flow

DPLA Depositors Visualization

DPLA Bookshelf Language Visualization

Term Frequency Map
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

---

**discovery and serendipity**
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
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, University of Alaska Southeast
Kristen Yarmey, University of Scranton
Kathryn Shaughnessy, St. John’s University
Emily Gore, DPLA

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!

**PA FORWARD**

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.
 WHY? DISSEMINATION

➢ 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?
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, University of Alaska Southeast
Kristen Yarmey, University of Scranton
Kathryn Shaughnessy, St. John’s University
Emily Gore, DPLA

Session Hashtag: #acrlDPLA
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
DPLA & ACRL LIBRARIANS

PROFESSIONAL DEVELOPMENT

 ➢ Librarians master each-one, teach-one

Captain (CPT) David Clark, an Air Defense Council student at the Center for Professional Development...

(1987)

Copyright status: Unrestricted

http://research.archives.gov/description/6436819
COLLABORATION: University

Librarians part of Campus Interest Groups

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 (dp.la), 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

Center for Teaching And Learning
Student Development
Digital Humanities Group
Online Learning
Open Educational Resources
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
DPLA & ACRL LIBRARIANS

➢ SCHOLARLY COMMUNICATION:
➢ Great tool for talking about IL & ICT Literacy

Citing
Copyright status
Orphan Works
UnGlue.it
APIs
Exhibits
“Share” lists
DPLA Diamonds
Assessment/USE
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, University of Alaska Southeast
Kristen Yarmey, University of Scranton
Kathryn Shaughnessy, St. John’s University
Emily Gore, DPLA

Session Hashtag: #acrlDPLA
2015

Community

DPLA is all of us.

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

- Service Hubs
- Service Hub partner states
- Content Hubs
- Hubs in active development

Community: Hubs

Content & Service Hubs
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

<table>
<thead>
<tr>
<th>Rights Status</th>
<th>Access Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Restricted</td>
<td>The contents of The Portal to Texas History (digital content including images, text, and sound and video recordings) are made publicly available by the collection holding partners for use in research, teaching, and private study. If you have information regarding this image or if you are the copyright holder or their agent giving notice pursuant to The Digital Millennium Copyright Act, please contact <a href="mailto:DigitalCollections@nypl.org">DigitalCollections@nypl.org</a>.</td>
</tr>
<tr>
<td>Unrestricted</td>
<td></td>
</tr>
<tr>
<td>Public Domain</td>
<td></td>
</tr>
<tr>
<td>Public Domain; NOT_IN_COPYRIGHT</td>
<td></td>
</tr>
<tr>
<td>Creative Commons</td>
<td></td>
</tr>
<tr>
<td>Attribution-NonCommercial-ShareAlike 3.0</td>
<td></td>
</tr>
<tr>
<td>Copyright (c)</td>
<td></td>
</tr>
<tr>
<td>Leslie Jones</td>
<td></td>
</tr>
</tbody>
</table>

**Digital Image**

This digital resource may be freely searched and disclosed. Permission to this resource is held by the creating agency and is noted here. This material may be protected by copyright. Permission may be required for use in any case beyond personal research and study, please contact the History and Archives Division, Arizona State University. For uses of the Gordon County, GA Obituaries beyond personal research and study, please contact the author and/or the collection holding partners. Digital images created by the Archives to fill gaps and improve the collection.

**Digital Text and Audio**

This title is presented by the Digital Text and Audio collections. Access to the Internet Archive’s Collections is granted for scholarship and research purposes only. Some of the content available through the Archive may be governed by local copyright law. Digital images created by the Archives to fill gaps and improve the collection.

**Digital Map**

Access to the Internet Archive’s Collections is granted for scholarship and research purposes only. Some of the content available through the Archive may be governed by local copyright law. Digital images created by the Archives to fill gaps and improve the collection.

**Digital Painting**

The contents of The Portal to Texas History (digital content including images, text, and sound and video recordings) are made publicly available by the collection holding partners for use in research, teaching, and private study. If you have information regarding this image or if you are the copyright holder or their agent giving notice pursuant to The Digital Millennium Copyright Act, please contact DigitalCollections@nypl.org.

**Digital Video**

The contents of The Portal to Texas History (digital content including images, text, and sound and video recordings) are made publicly available by the collection holding partners for use in research, teaching, and private study. If you have information regarding this image or if you are the copyright holder or their agent giving notice pursuant to The Digital Millennium Copyright Act, please contact DigitalCollections@nypl.org.
Standardization of Rights Statements

Enabling Reuse
DPLA hack!
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.

Become an App Developer

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 »

Platform
Sample apps from DPLA App Library
“The best thing to do with your data will be thought of by someone else.”

Dr. Rufus Pollock, Open Knowledge Foundation
ME  US  YOU