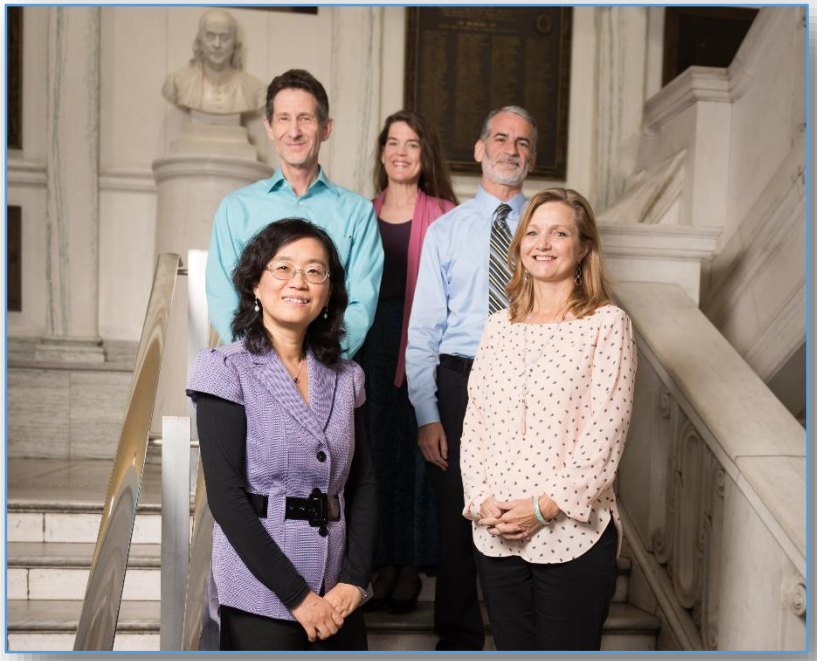
Library Technical Services (LTS) Updates



Fang Gao
Chief, Library Technical Services
Library Services and Content Management
October 16, 2017
fgao@gpo.gov

Presenters and Agenda

- **Fang Gao –** LTS Overview
- **Stephen Kharfen –** LTS Highlights for FY17
- **Marty Bokow –** Authority Control
- **Kristina Bobe –** Classification Guidelines Update
- **Liselle Drake –** Linked Data Pursuits at GPO

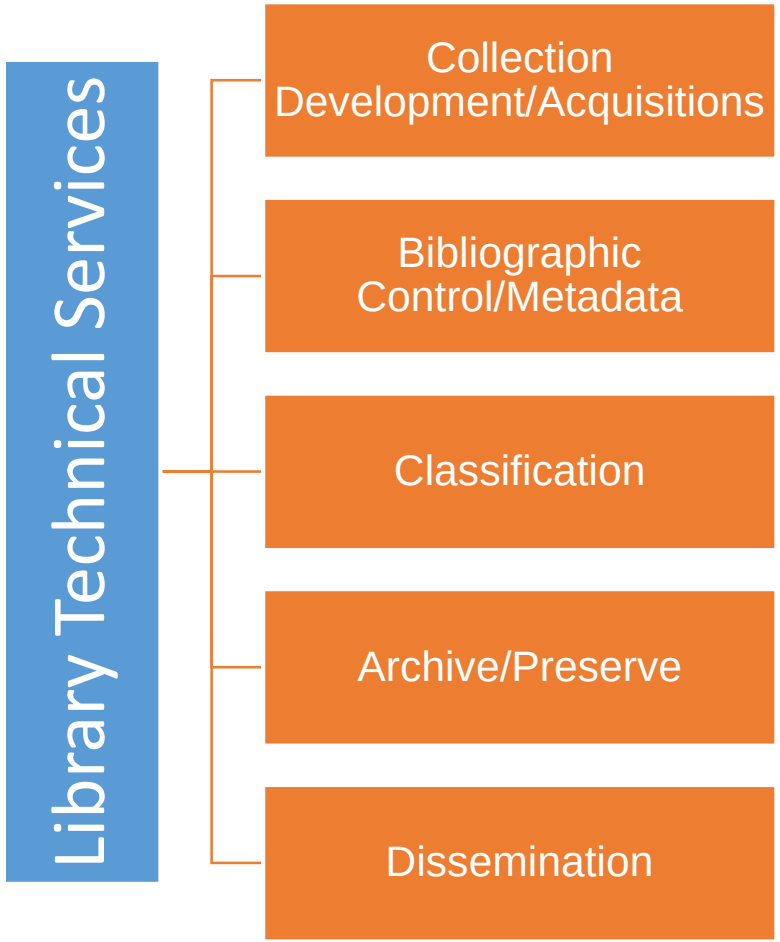
2017 DLC Meeting & FDL Conference

Safeguarding Government Information Access for All

October 16-18
Arlington, VA

Library Technical Services

- Identify
- Acquire
- Classify
- Catalog
- Archive/Preserve
- Disseminate



LTS Overview

- One of the founding members of the OCLC network; named one of the top 10 online original catalogers in the world by OCLC
- Member of the Program for Cooperative Cataloging (PCC)
- Member of Library of Congress ECIP Cataloging Partnership Program
- Member of Digital Public Library Of America (DPLA)

National Bibliographic Records Inventory Initiative (NBRII)

- Historic Shelflist
- Congressional Hearings and Prints
- Partnerships:
  - University of Montana
  - University of Colorado, Boulder
  - Colorado School of Mines
  - FRASER

Collection Development Activities

- Revision of scope documentation and *GPO's System of Online Access* | *Collection Development Plan*
- Outreach to agencies
- Federal Research Division study
- Recall of Department of Defense historic military registers
  - 903 of 1,143 depositories (79%) completed the Withdrawal Action Form by August 25, 2017

Library Technical Services Highlights for FY 2017

Stephen Kharfen
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Summary of FY 2017 Highlights

- Cataloging/metadata policymaking and decision-making infrastructure
- Online GPO Cataloging Guidelines enhancements
- New content
- Recognize need for adaptability and flexibility in ever-changing information universe
- Overall goal to better serve the FDLP community

Cataloging/Metadata Policymaking and Decision-Making Infrastructure

- Cataloging Policy and Documentation Committee (CPDC)
- Superintendent of Documents Classification Subcommittee
- Metadata Advisory Group (MAG)

CPDC - Policy Review Process

- Several LTS Staff evaluate cataloging/metadata issues
- New/modified national standards and how they accord with GPO policies and practices
- Initiatives from LSCM Management
- Recommendations and innovations contributed by LTS Staff
- Suggestions and observations from FDL staff

Superintendent of Documents Classification Subcommittee

- Recently established for the maintenance and growth of the SuDoc Classification system
- Researches classification questions and issues
- Reports findings to CPDC and LSCM managers
- Responsible for updates to the Classification Manual

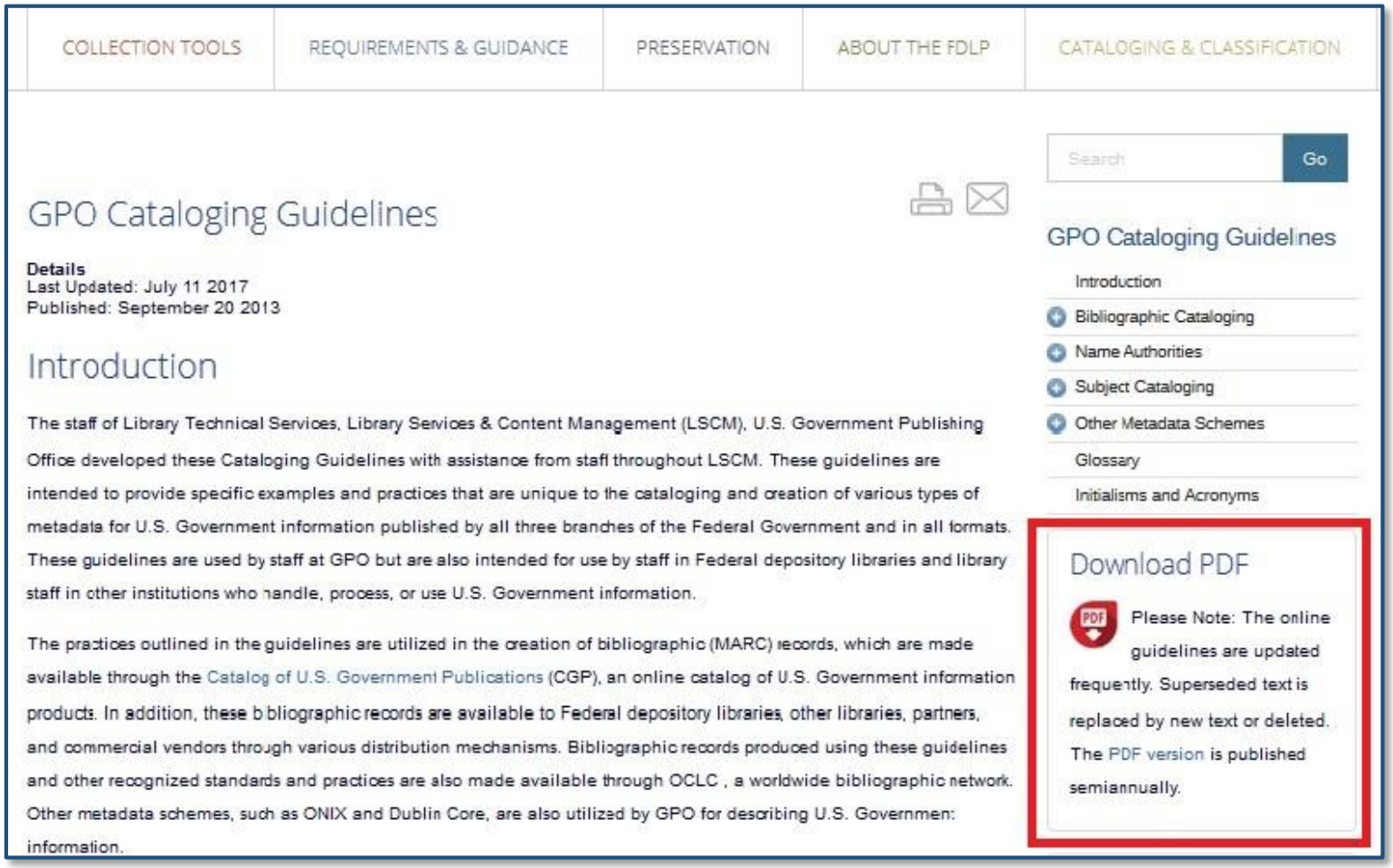
Metadata Advisory Group (MAG)

- Formed to address metadata matters involving multiple units at GPO
- Representatives from Library Technical Services; Outreach; Programs, Strategy and Technology (PST); and Systems
- Ensures expertise and input from major stakeholders of the CGP and FDsys/**govinfo**
- Working on various tasks, such as the interoperability of the two systems and posting of CGP record sets on GitHub

GPO Cataloging Guidelines Update

- PDF of published chapters
- New accordion-style menu
- New search component
- New and revised policies
- List of major revisions and additions

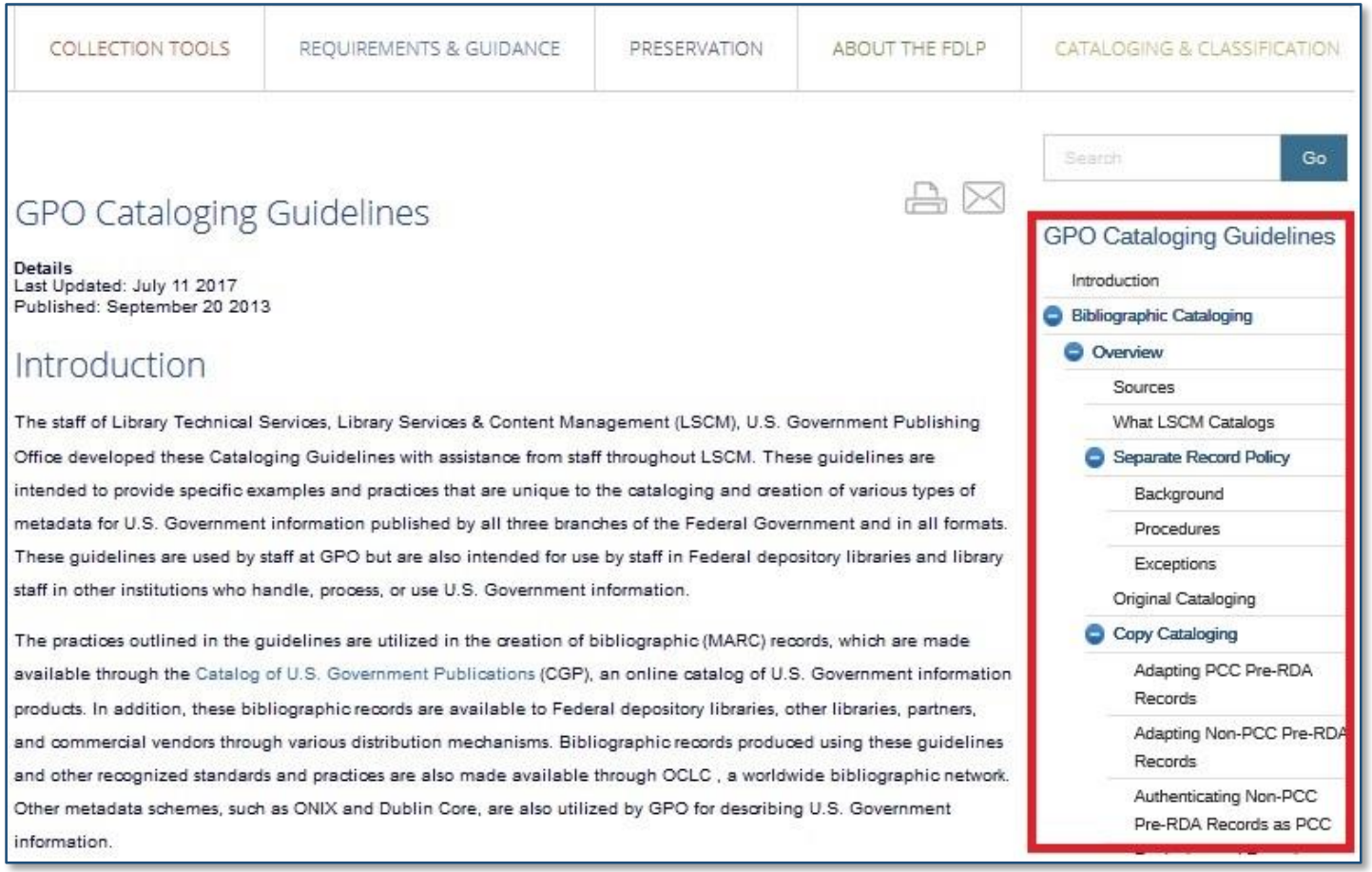
PDF of Published Chapters



Navigation Upgrades

- New accordion-style menu for easier viewing of the chapter and section headers
- Remain visible until you click on minus button
- Navigation anchors - another benefit of the new menu
- Stable URLs now generated for chapters and some sections
- Stable URLs can be inserted into documents, web pages, etc.

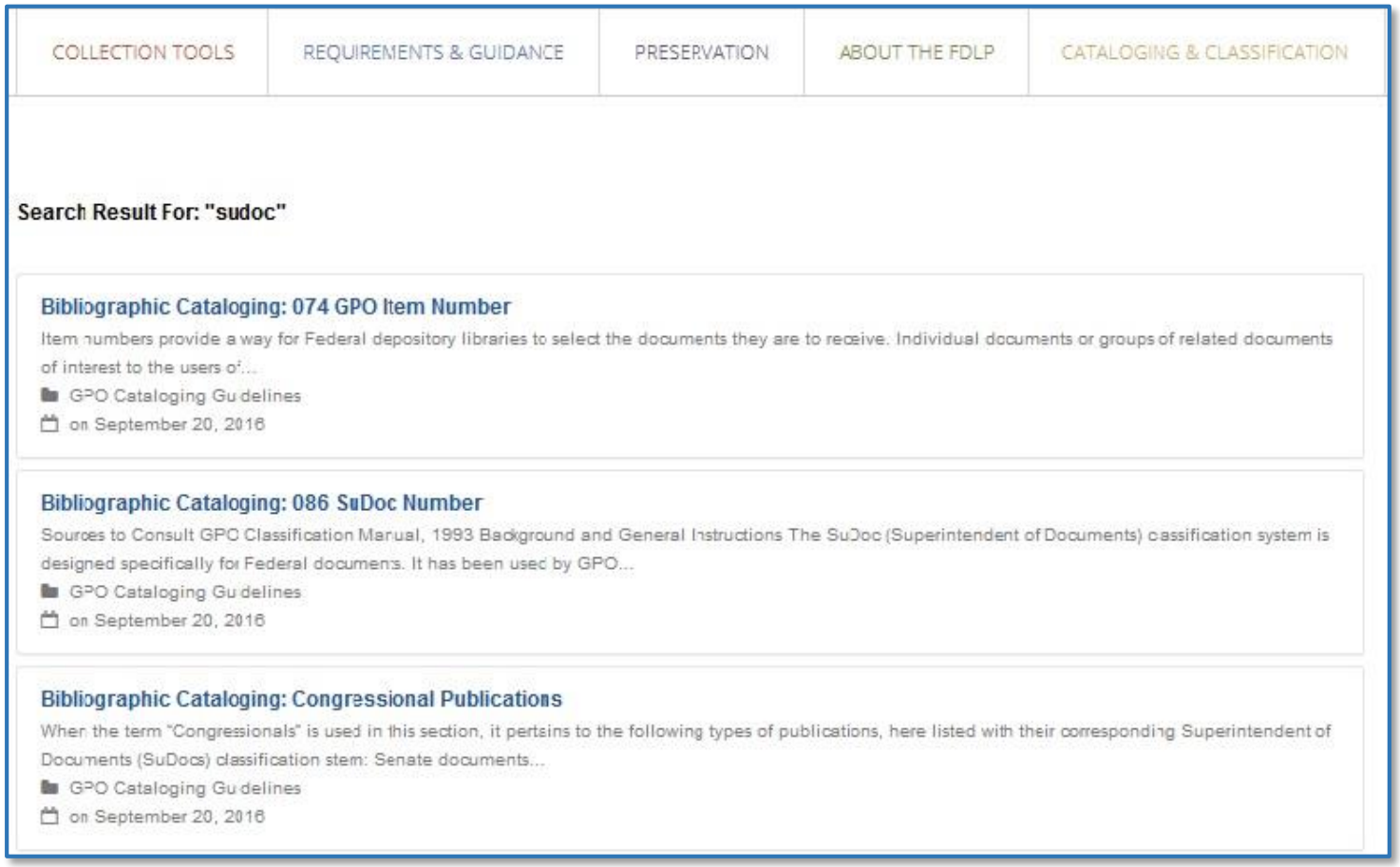
New Accordion-Style Menu



New Search Functionality

- Newly-upgraded search specifically for the Cataloging Guidelines
- Search box above the Cataloging Guidelines menu
- Scans the text for the exact word or phrase entered by searcher
- Results page provides full titles of chapters found and links to the chapters
- Follow links to chapters and use control + F to locate search terms on the page

Search Results Page



Major Additions and Changes to the Cataloging Guidelines

- Series treatment policy
- Historic URLs
- Expanded use of Library of Congress Genre/Form Terms
- ISSN selective policy
- Collections/analytics treatment policy

Recap of FY 2017 Highlights

- New navigation menu
- Search functionality
- PDF of all published chapters
- CPDC, SuDoc Subcommittee, MAG
- Major changes to GPO cataloging/metadata policies

Authority Control

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3 Examples of Authority Work

1. *Activity books* — A new Library of Congress Genre/Form Term (LCGFT)
2. *Fetal alcohol spectrum disorders* — Changing Library of Congress Subject Heading (LCSH) from *Fetal alcohol syndrome*
3. *United States. Department of Health and Human Services. Office on Women's Health* — Merging duplicate Name Authority Records

Authority Records Support Access Points

Subject - LC	Archaeology -- Juvenile literature.
	Middle West -- Antiquities -- Juvenile literature.
	Historic sites -- Middle West -- Juvenile literature.
	National parks and reserves -- Middle West -- Juvenile literature.
Added Entry	Midwest Archeological Center (U.S.), issuing body.
	Junior Ranger Program (United States. National Park Service)

Authority Control

Authorized: Midwest Archeological Center (U.S.)

Variant: Midwest Archaeological Center (U.S.)

Variant: United States. National Park Service. Midwest Archeological Center

Variant: MWAC

Variant: United States. National Park Service. Archaeological Division (Lincoln, Neb.)

Authority Control

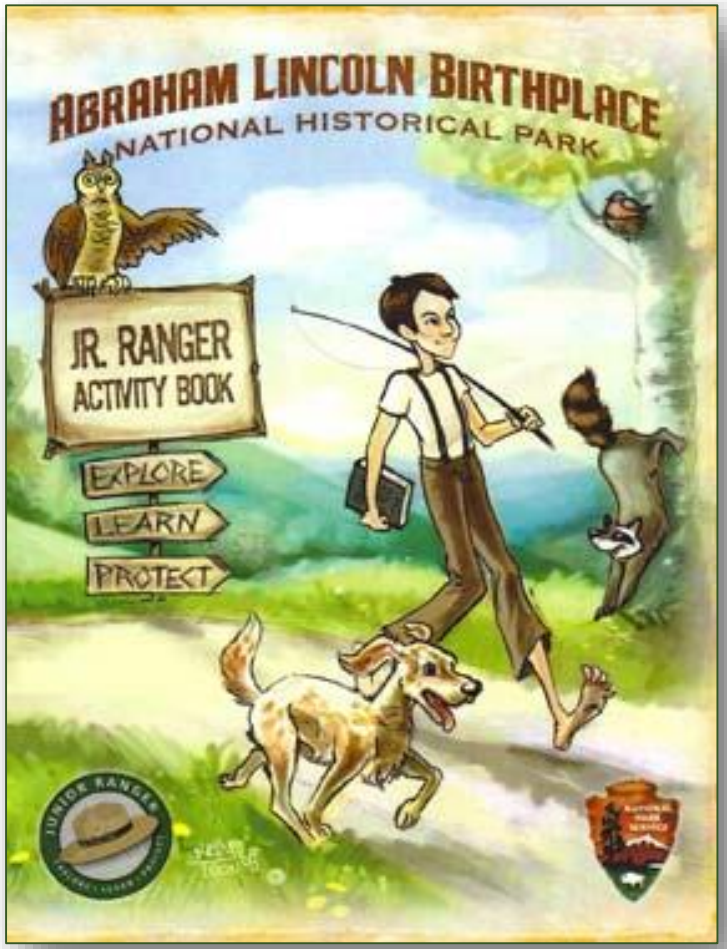
Subject heading:
Archaeology

Use for: Archeology

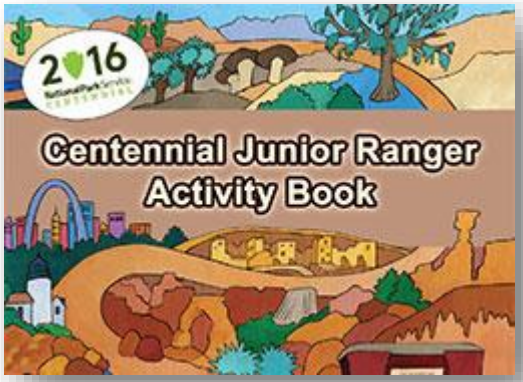
Subject heading:
Money

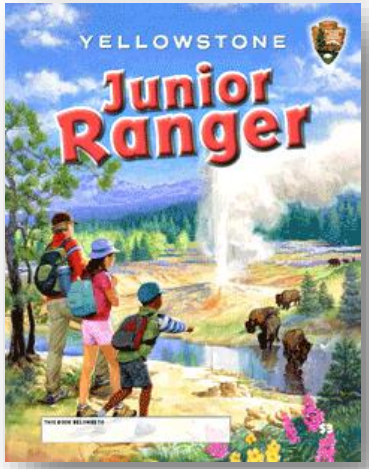
Use for: Currency

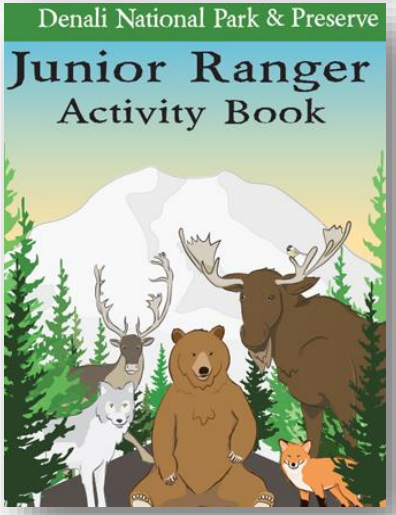
Activity Books



Activity Books & the NPS' Mission







From the Booker T. Washington National Monument Jr. Ranger Book

- To earn a badge:
  - Complete all activity pages
  - Explore the Monument
  - Take your book to the Visitor Center

- A ranger will review and a badge will be awarded!

From Another Junior Ranger Book

Lincoln Memorial

An inaugural address is the speech the new president gives after he is sworn in. At the Lincoln Memorial, you can see President Lincoln's Second Inaugural Address carved on the wall.

Break the code to find a famous line from Lincoln's speech.

!	@	#	$	%	^	&	*	(	)	—	+	=	>	}
A	C	D	E	F	H	I	L	M	N	O	R	T	W	Y

> & = ^ (! * & @ $ = — > ! + #) —) $

_____ _____ _____ _____

> & = ^ @ ^ ! + & = } % — + ! * *

_____ _____ _____ _____

Library of Congress Genre/Form Terms (LCGFT)

- Describe what a resource *is*, rather than what it is *about*, as most subject headings do
- Examples:
  - Horror films
  - Detective and mystery fiction
  - Constitutions
  - Topographic maps
  - Legislative hearings
  - Cookbooks

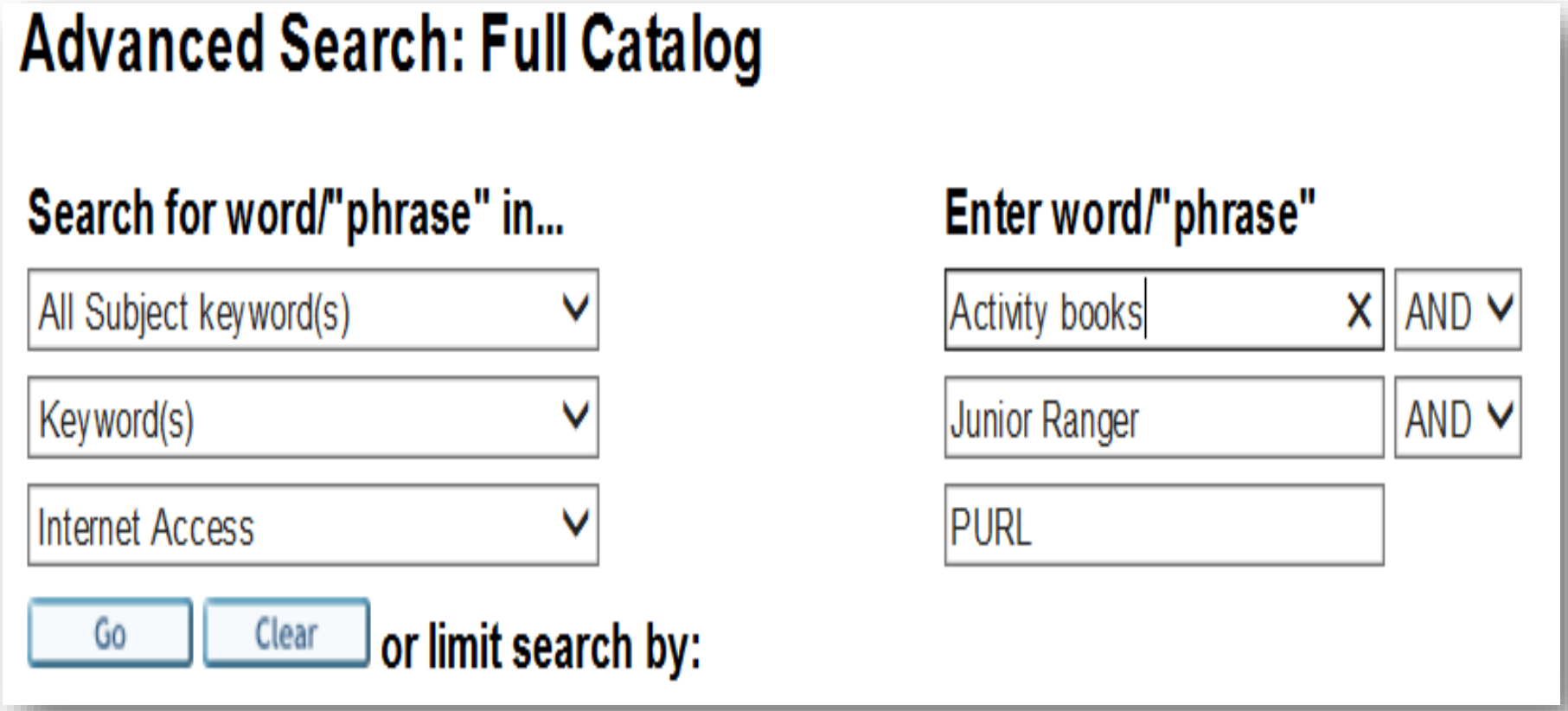
GPO Proposes New LCGFT: *Activity Books*

- Heading: Activity books
- Use for: Activity booklets
- Broader Term: Illustrated works
- Broader Term: Recreational works

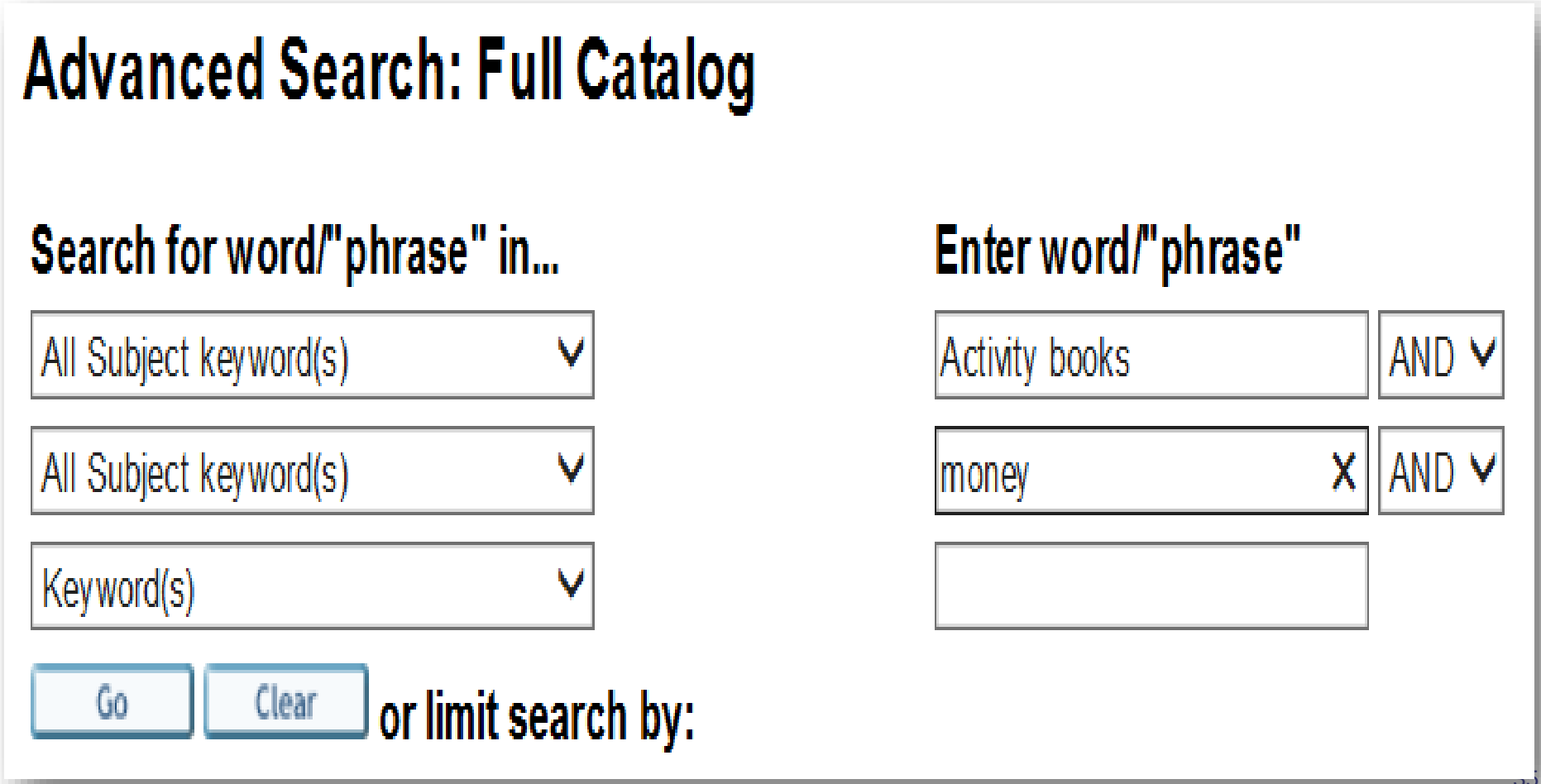
GPO Proposes New LCGFT: *Activity Books*

- Work cataloged: C&O Canal Junior Ranger activity book, 2010.
- Scope note: Works that consist wholly or chiefly of puzzles, word games, coloring pages, instructions for simple science or craft projects, etc.

Make *Activity Books* Part of Your Search



Make *Activity Books* Part of Your Search



Subject Heading: *Fetal Alcohol Syndrome*

Browse List: LC Subjects

A service of the Superintendent of Documen
Privacy Po

No. of Recs	
	Fetal age - [LC Authority Record] See: Gestational age
15	Fetal alcohol syndrome - [LC Authority Record]
2	Fetal alcohol syndrome Bibliography. local
1	Fetal alcohol syndrome Diagnosis
1	Fetal alcohol syndrome Diagnosis Handbooks, manuals, etc
1	Fetal alcohol syndrome Education Planning Congresses
2	Fetal alcohol syndrome Evaluation
1	Fetal alcohol syndrome Government policy United States
1	Fetal alcohol syndrome Popular works
12	Fetal alcohol syndrome Prevention

Subject Heading: *Fetal Alcohol Syndrome*

#		Title	Year
1	☐	Recovering hope [videorecording] : mothers speak out about fetal alcohol spectrum disorders /	2009
2	☐	Fetal alcohol spectrum disorders [electronic resource] : the basics.	2006
3	☐	My sibling has a fetal alcohol spectrum disorder [electronic resource] : can I catch it?	2006
4	☐	The language of fetal alcohol spectrum disorders [electronic resource].	2004
5	☐	SAMHSA, Fetal Alcohol Spectrum Disorders Center for Excellence [electronic resource].	2004
6	☐	Identification of at-risk drinking and intervention with women of childbearing age : a guide for primary-care providers.	1999
7	☐	Drugs and pregnancy : often the two don't mix /	1990
8	☐	Alchohol and birth defects.	1988
9	☐	A manual on adolescents and adults with Fetal Alcohol Syndrome with special reference to American Indians.	1988

Example Publication

LCSH for *Fetal Alcohol Syndrome*

- Heading: Fetal alcohol syndrome
- Broader Term: Abnormalities, Human
- Broader Term: Alcoholism in pregnancy--Complications
- Broader Term: Fetus—Diseases
- Broader Term: Children of prenatal alcohol abuse

GPO's Subject Change Proposal for *Fetal Alcohol Syndrome*

- Change heading to: Fetal alcohol spectrum disorders
- Use for: Fetal alcohol syndrome
- Use for: Alcohol-related birth defects
- Use for: Alcohol-related neurodevelopmental disorder
- Use for: FASD (Abnormalities, Human)

GPO's Subject Change Proposal for *Fetal Alcohol Syndrome*

- Source: Centers for Disease Control and Prevention …: "Types of FASDs--different terms are used to describe FASDs …"

- Note to LCSH reviewer: Best to keep all these terms together, rather than …

Conflict: Two Names for the Same Office

010			n 00016592 ǂz no2002112546
040			DLC ǂb eng ǂe rda ǂc DLC ǂd DLC
110	1		United States. ǂb Department of Health and Human Services. ǂb Office on Women's Health
410	1		United States. ǂb Dept. of Health and Human Services. ǂb Office on Women's Health ǂw nnea
510	1		ǂi Hierarchical superior: ǂa United States. ǂb Department of Health and Human Services ǂw r
670			Breastfeeding, 2000: ǂb t.p. (Department of Health and Human Services, Office on Women's H

010			n 92803508
040			DNLM ǂb eng ǂc DLC ǂd DLC ǂd DGPO
110	1		United States. ǂb Public Health Service. ǂb Office on Women's Health
410	2		PHS Office on Women's Health
670			Action plan for women's health, 1991: ǂb t.p. (Office on Women's Healt
670			Phone call to Office, 6/26/92 ǂb (created in 1991 to advise Office of the
670			The facts about breast cancer and mammograms, 1997: ǂb t.p. (U.S. D
670			U.S. gov't manual, 1997/98: ǂb p. 262 (Department of Health and Hum

Conflict: Two Names for the Same Office

- United States. Department of Health and Human Services. Office on Women's Health

- United States. Public Health Service. Office on Women's Health

Conflict: Two Access Points for the Same Office

Browse List: Corporate Author A service of the Superintendent of Documents, U.S. Government Publishing

Privacy Policy

No. of Recs	Entry
17	United States. Department of Health and Human Services. Office of the Secretary
50+	United States. Department of Health and Human Services. Office on Women's Health
2	United States. Department of Health and Human Services. Physical Activity Guidelines

Conflict: Two Access Points for the Same Office

Browse List: Corporate Author A service of the Superintendent of Document
Privacy Po

No. of Recs	
8	United States. Public Health Service. Office of the Surgeon Gene
21	United States. Public Health Service. Office on Women's Health
2	United States. Public Health Service. Panel on Cost-effectivenes

GPO Merges the 2 Name Authority Records

- Authorized Access Point: United States. Department of Health and Human Services. Office on Women's Health

- Variant Access Point: United States. Public Health Service. Office on Women's Health

Conflict Resolved: One Access Point for One Office

Corporate Author Current: **United States. Department of Health and Human Services. Office on Women's Health**
Next: United States. Department of Health and Human Services. Physical Activity Guideline

Results for United States. Department of Health and Human Services. Office on Women's Health
A service of the Superintendent of Documents, U.S. Government Publishing Office.
Privacy Policy

Sort options: Year(d)/Title | Year(a)/Title | Title/Year(d) | SuDoc (a)

Display options: Extended | Brief

Records 1 - 10 of 87 (maximum display and sort is 2000 records)

Jump to #

#		Title	Year	Author	SuDoc Number	
1	☐	Final report: opioid use, misuse, and overdose in women.	2017		HE 20.41/2:OP 3/2	https://pur
2	☐	White paper: opioid use, misuse, and overdose in women.	2016		HE 20.41/2:OP 3	https://pur
3	☐	Buena salud de por vida : su guía para mantenerse sana.	2011		HE 20.41/2:H 34/5/2011/SPAN.	

Conflict Resolved: One Access Point for One Office

Browse List: Corporate Author A service of the Superintendent of Do

Priv

No. of Recs	
8	United States. Public Health Service. Office of the Surgeon
2	United States. Public Health Service. Panel on Cost-effectiv
1	United States. Public Health Service. Panel on Women, Ado
1	United States. Public Health Service. Pesticides Program

GPO Merges the 2 Name Authority Records

- Breastfeeding, 2000: “Department of Health and Human Services, Office on Women's Health”
- Action plan for women's health, 1991: “Office on Women's Health; U.S. Dept. of Health and Human Services, Public Health Service”
- The facts about breast cancer and mammograms, 1997 …

GPO Classification Guidelines: Update on the Revision

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October 16, 2017
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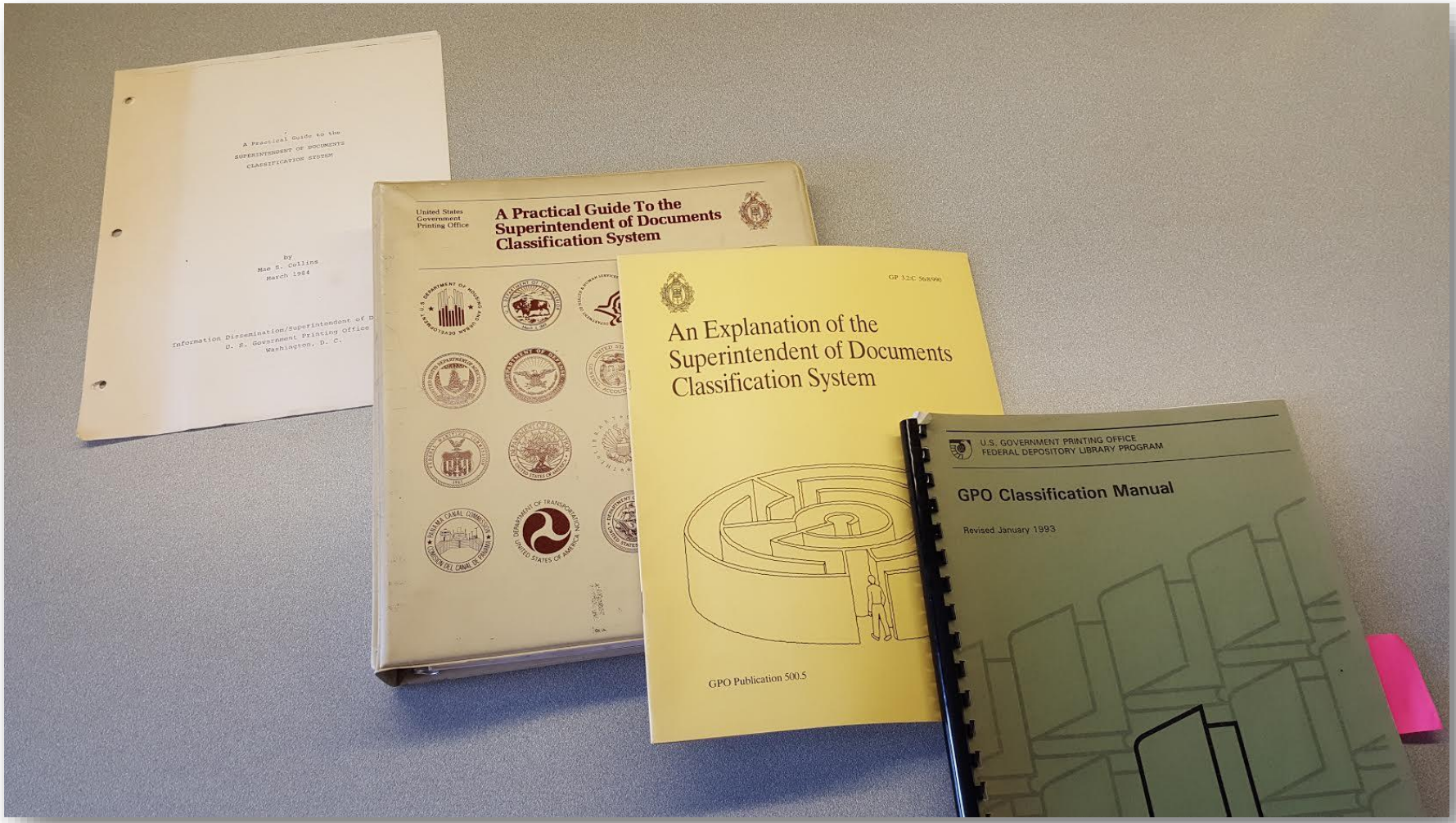
FAMED FOR HER LIBRARY KNOWLEDGE.

The above is from a recent likeness of Miss Adelaide R. Hasse, the young lady who was mentioned in the dispatches a while ago as having been appointed to take charge of the public documents department in the Astor Library, New York. Miss Hasse was formerly connected with the Los Angeles Public Library and later distinguished herself in the Bureau of Public Documents at Washington. Mi... of the literature of that departm... dex is one of the most valuab... the books in the Pu... Library; ... volumes of rare and curious bo... of the public documents of t... information in that line that ... ing index."

MISS ADELAIDE R. HAASE,
Who will catalogue the public documents in the Astor Library.

Woman in High Post In New York Library

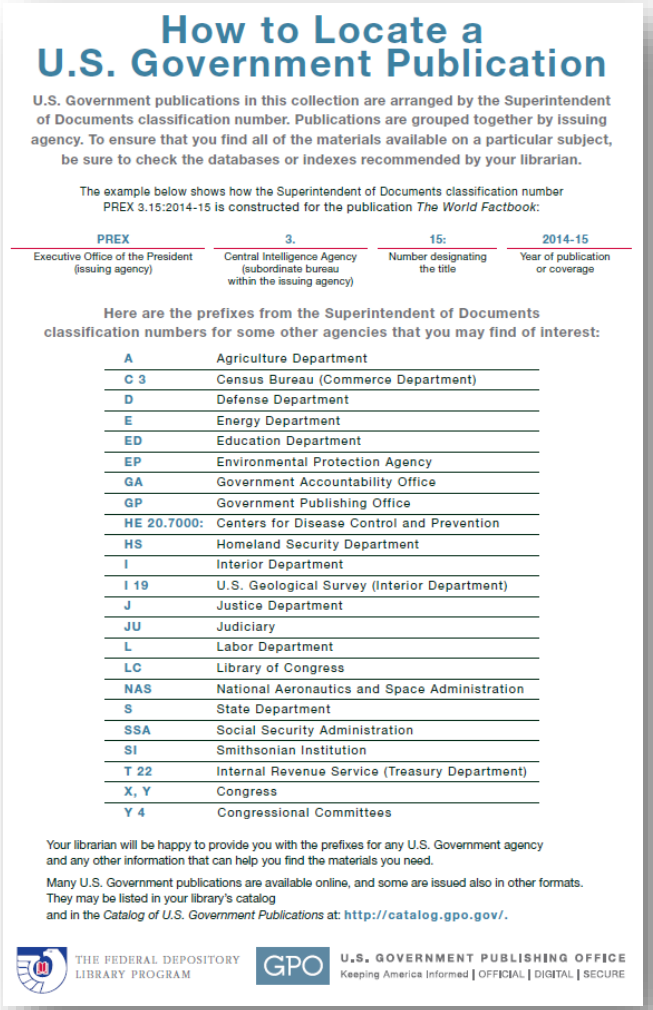
Miss Adelaide Hasse.


A Practical Guide to the
SUPERINTENDENT OF DOCUMENTS
CLASSIFICATION SYSTEM
by
Mae S. Collins
March 1984
Information Dissemination/Superintendent of D
U. S. Government Printing Office
Washington, D. C.
United States Government Printing Office
A Practical Guide To the Superintendent of Documents Classification System
GP 3.2:C 56/990
An Explanation of the Superintendent of Documents Classification System
GPO Publication 500.5
U.S. GOVERNMENT PRINTING OFFICE
FEDERAL DEPOSITORY LIBRARY PROGRAM
GPO Classification Manual
Revised January 1993

Classification by Government Author

- Provenance: relies on origin of the document

	Agriculture Department
C 3	Census Bureau (Commerce Department)
D	Defense Department
E	Energy Department
ED	Education Department
EP	Environmental Protection Agency
GA	Government Accountability Office
GP	Government Publishing Office
HE 20.7000:	Centers for Disease Control and Prevention
HS	Homeland Security Department
	Interior Department



How to Locate a U.S. Government Publication

U.S. Government publications in this collection are arranged by the Superintendent of Documents classification number. Publications are grouped together by issuing agency. To ensure that you find all of the materials available on a particular subject, be sure to check the databases or indexes recommended by your librarian.

The example below shows how the Superintendent of Documents classification number PREX 3.15:2014-15 is constructed for the publication *The World Factbook*:

PREX	3.	15:	2014-15
Executive Office of the President (issuing agency)	Central Intelligence Agency (subordinate bureau within the issuing agency)	Number designating the title	Year of publication or coverage

Here are the prefixes from the Superintendent of Documents classification numbers for some other agencies that you may find of interest:

A	Agriculture Department
C 3	Census Bureau (Commerce Department)
D	Defense Department
E	Energy Department
ED	Education Department
EP	Environmental Protection Agency
GA	Government Accountability Office
GP	Government Publishing Office
HE 20.7000:	Centers for Disease Control and Prevention
HS	Homeland Security Department
I	Interior Department
I 19	U.S. Geological Survey (Interior Department)
J	Justice Department
JU	Judiciary
L	Labor Department
LC	Library of Congress
NAS	National Aeronautics and Space Administration
S	State Department
SSA	Social Security Administration
SI	Smithsonian Institution
T 22	Internal Revenue Service (Treasury Department)
X, Y	Congress
Y 4	Congressional Committees

Your librarian will be happy to provide you with the prefixes for any U.S. Government agency and any other information that can help you find the materials you need.

Many U.S. Government publications are available online, and some are issued also in other formats. They may be listed in your library's catalog and in the *Catalog of U.S. Government Publications* at: http://catalog.gpo.gov/.

THE FEDERAL DEPOSITORY LIBRARY PROGRAM

GPO U.S. GOVERNMENT PUBLISHING OFFICE
Keeping America Informed | OFFICIAL | DIGITAL | SECURE

What is it used for?

- Applying class stems to acquired publications:
  - **L 35.8:**N 14 – Department of Labor
- Making book number and Cutter decisions for SuDocs assigned to specific publications:
  - L 35.8:**N 14** – **Nail** gun safety
- Historical research to respond to askGPO questions about classification
- FDLP Community use for local classification

Update on the Revision

- All content has been revised.
  - Articles reviewed by subject specialists
  - Information verified
  - Policy discussed
  - Examples updated
  - Management review and approval
- Resource/staffing changes
- Content has been formatted for the web and has migrated to the development site.
- Ongoing quality control and usability testing

Advantages of Online Resource

- Current and easy to update
- Authoritative: date of publication; last update
- SuDocs examples will link to CGP record
- Links to resources outside of content (CGP, FDsys/**govinfo**, etc.)
- Online resource = increased visibility
- Print-friendly and email option

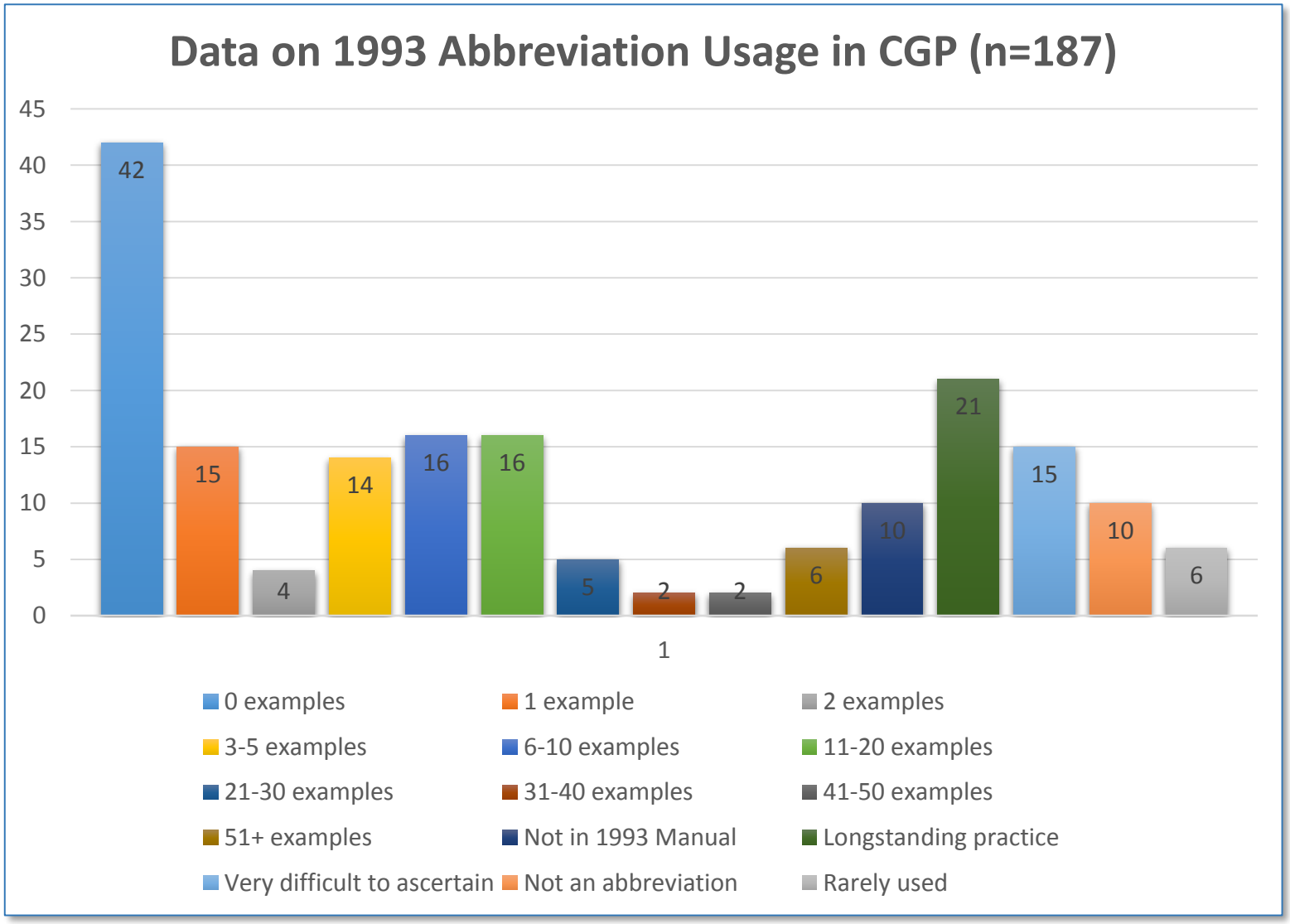
(Site demo)

Ch Ch Ch Ch

- 'Abbreviations and Words in a Suffix' revised, based on research, data, and usage
  - No more arbitrary or length limitations in abbreviations
  - Countries: spelled out
  - Foreign languages (except for ENGL. and SPAN.) spelled out:

D 301.26/6-8:C 89/LITHUANIA

Expeditionary culture field guide. Lithuania.


Data on 1993 Abbreviation Usage in CGP (n=187)
45
40
35
30
25
20
15
10
5
0
42
15
4
14
16
16
5
2
2
6
10
21
15
10
6
1
0 examples
1 example
2 examples
3-5 examples
6-10 examples
11-20 examples
21-30 examples
31-40 examples
41-50 examples
51+ examples
Not in 1993 Manual
Longstanding practice
Very difficult to ascertain
Not an abbreviation
Rarely used

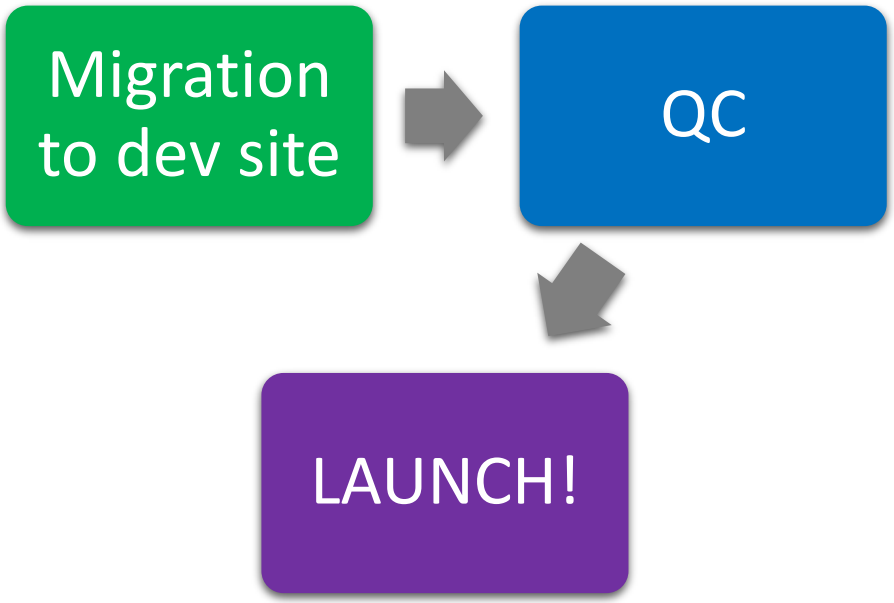
Congressional Serial Set

- Congressional Serial Set will no longer include the word SERIAL in the classification number - dedicated class stem **Y 1.1/2:**

Y 1.1/2:15374

Next Steps…

- Continued content migrated to online resource
- Ongoing fine-tuning and adjustments
- Launch planned for fall/late 2017



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Linked Data Pursuits at GPO

Liselle Drake
Librarian (Cataloger)
Library Services and Content Management
October 16, 2017
ldrake@gpo.gov

Linked Data Pursuits at GPO

- 1. General principles
- 2. Applications for GPO
- 3. Invitation to FDL librarians

General Principle:

- "**The Web is now our database**."
  - Robert Rendall, Principal Serials Cataloger, Columbia University

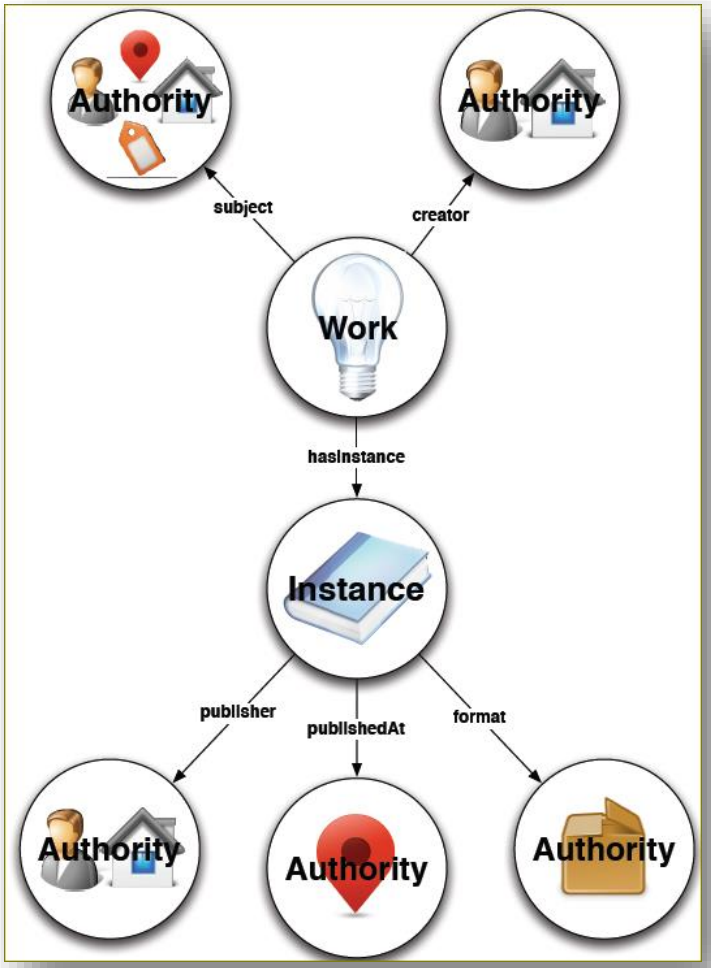
General Principle:

- Card catalogs > OPACs > WWW
- "**This is evolutionary, not migratory**."
  - Xiaoli Li, Head of Metadata and Cataloging Services, UC-Davis, & Chair-Elect of PCC Policy Committee

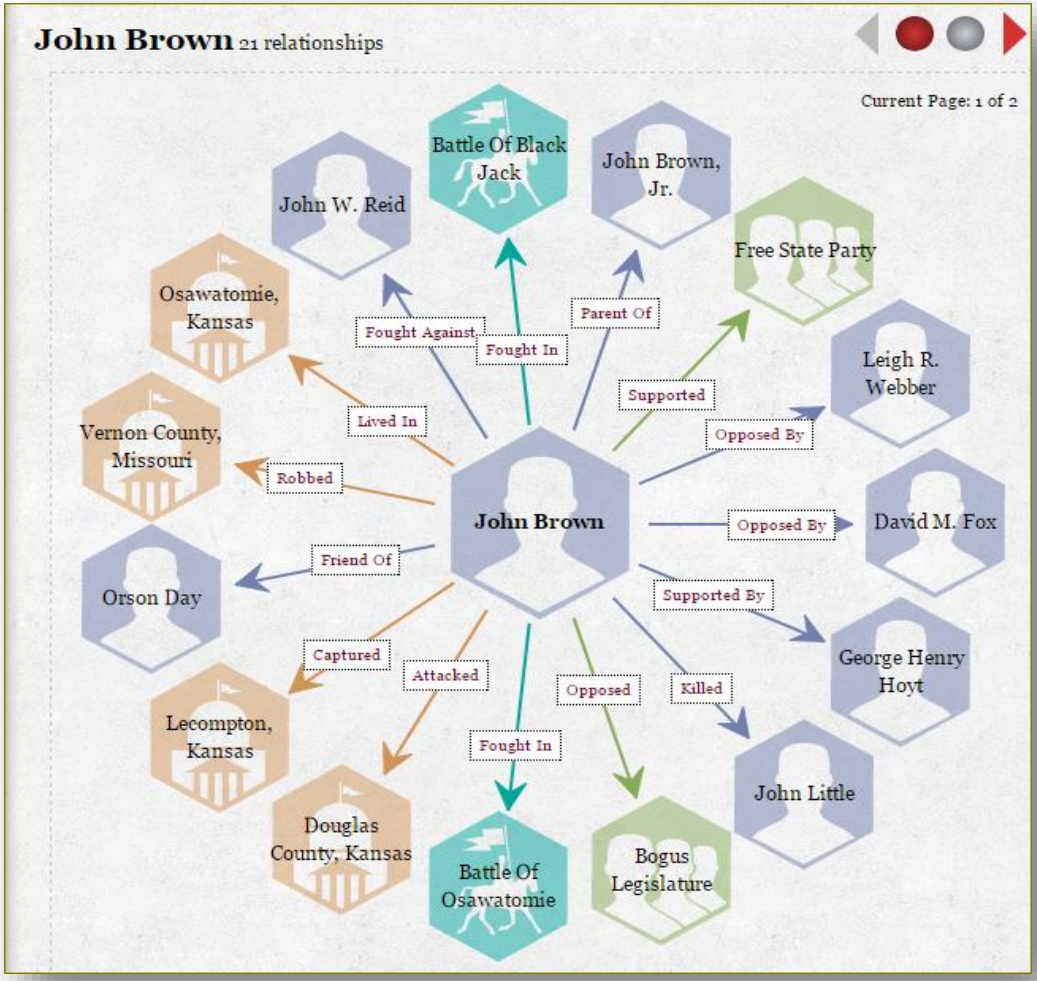
General Principles:

- In our cataloging products, **"*statements* are the basic unit of metadata rather than *records*."**
  - Steven J. Miller, Sr. Lecturer Emeritus, UWM
- Our metadata environment changes from a document-based ecosystem to a graph-based ecosystem so that **"all statements provided about a … resource can be aggregated into a global graph."**
  - Nancy Fallgren, Metadata Specialist, NLM

Linked Data Conceptual Model (BF)



KCPL Civil War on the Western Border



BNF Example

BnF Bibliothèque nationale de France data.bnf.fr search data.bnf.fr

About data.bnf.fr | Contact | english | français | de

Claude **Debussy** (1862-1918)

Country :	France
Language :	français
Gender :	masculin
Birth :	Saint-Germain-en-Laye (Yvelines), 22-08-1862
Death :	Paris, 25-03-1918
Note :	Compositeur et pianiste
Field :	Musique
Variants of the name :	Achille-Claude Debussy (1862-1918) Klod Debûssi (1862-1918) *(russe)* Клод Дебюсси (1862-1918) *(russe)*
ISNI :	ISNI 0000 0001 2119 0614

Occupations (7 317 documents) | Documents about this author | Pages in data.bnf.fr (2 page) | Sources and references

Other pages in data.bnf.fr

> See the 796 documents about this author

> Authors related to Claude Debussy (1862-1918)

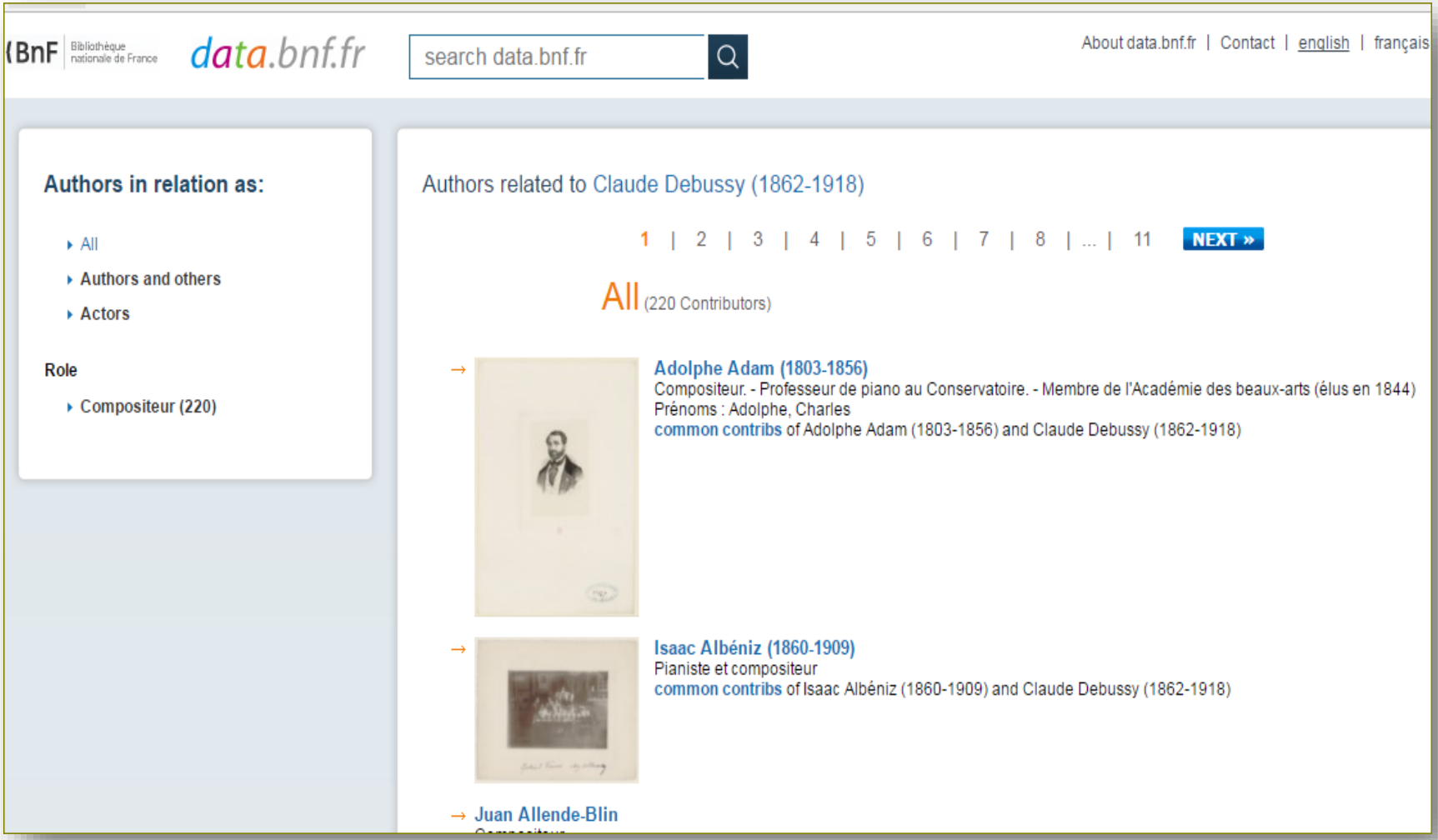
> This page in the data.bnf.fr Labs

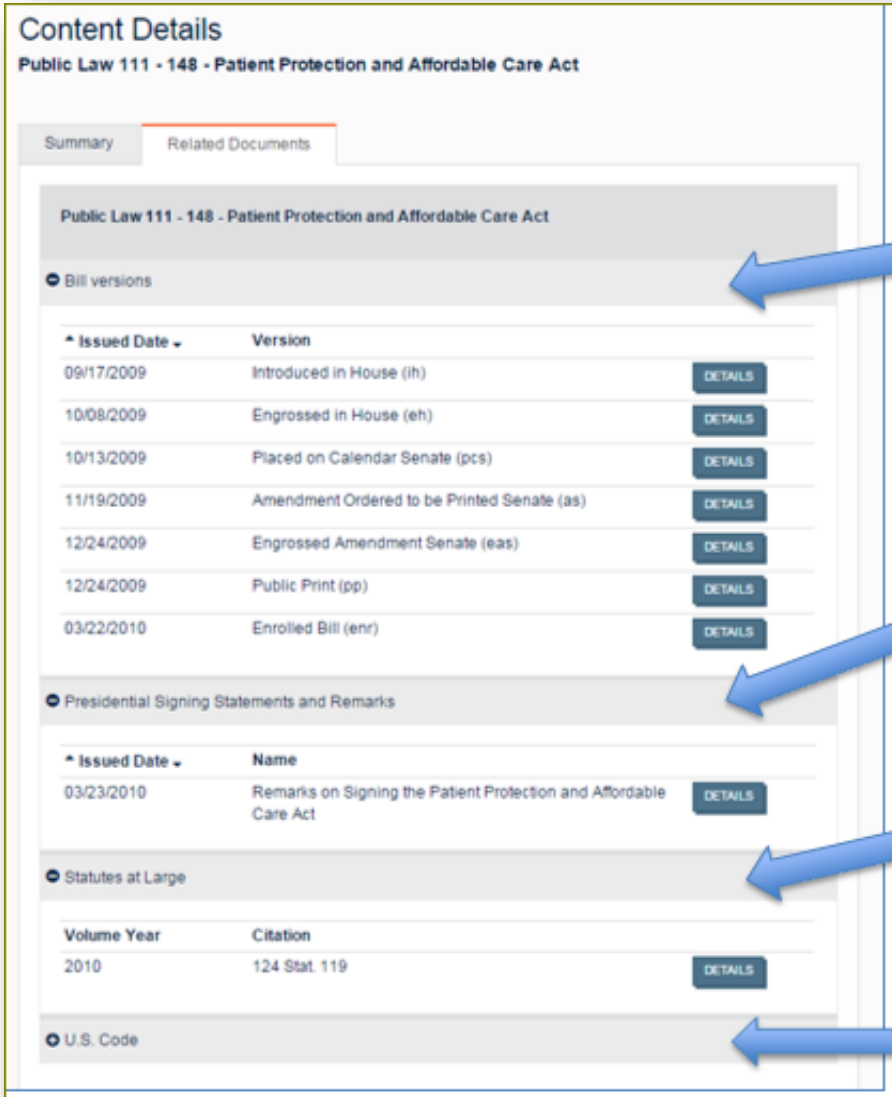
> List of works by musical genres

BnF Services

Ask a librarian
Come to the library
Reproduction services

BNF Example


BnF Bibliothèque nationale de France
data.bnf.fr
search data.bnf.fr
About data.bnf.fr | Contact | english | français
Authors in relation as:
All
Authors and others
Actors
Role
Compositeur (220)
Authors related to Claude Debussy (1862-1918)
1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | ... | 11 NEXT »
All (220 Contributors)
Adolphe Adam (1803-1856)
Compositeur. - Professeur de piano au Conservatoire. - Membre de l'Académie des beaux-arts (élus en 1844)
Prénoms : Adolphe, Charles
common contribs of Adolphe Adam (1803-1856) and Claude Debussy (1862-1918)
Isaac Albéniz (1860-1909)
Pianiste et compositeur
common contribs of Isaac Albéniz (1860-1909) and Claude Debussy (1862-1918)
Juan Allende-Blin



FDsys example: P.L. 111-148

Congressional Bill versions
Legislation that is proposed by members of Congress

Public Law
Official publication of the law

Presidential Signing Statement
Remarks made by the President when signing a law

Statutes at Large
Compilation of laws enacted during one session of Congress

U.S. Code
All laws organized by subject matter

Linked Data Applications for GPO/LTS

- What other GPO data could or should be linked data?
- To what extent will we ‘link out’?
- How shall we decide?

Q. To what data could existing CGP data be linked?

- FDLP resources
- External resources
- GPO resources

Q. What new metadata could be introduced to enrich descriptions? Might we:

- Indicate classes of govt. entities from which publications emanate?
- Increase granularity of our descriptions?
- Characterize research?
- Characterize audiences and content creators?

Q. To what extent will we 'link out'? Do we:

- 'Link out' extensively?

  or

- Regard our LD elements as 'core' & 'Wiki-like'?

  or

- Use a mixed approach?

Invitation to FDL Librarians

- Talk during GPO library visits
- Comment via askGPO:
  - www.gpo.gov/askGPO/
  - FDLs > Cataloging > Policies/Practices

References

- Fallgren, Nancy et al. “The Missing Link: The Evolving Current State of Linked Data for Serials.” *The Serials Librarian*, 66 (2014), pp. 123-138. http://www.tandfonline.com/doi/full/10.1080/0361526X.2014.879690
- Dunsire Gordon et al. “Linked Data Vocabulary Management.” *Linked Data for Libraries, Archives and Museums*, special issue of *Information Standards Quarterly,* vol. 24, issue 2/3 (spring/ summer 2012), pp. 4-13. http://www.niso.org/publications/isq/2012/v24no2-3/
- Miller, Steven J. “Metadata, Linked Data, and the Semantic Web.” *Metadata for Digital Collections*. New York: Neal-Schuman, 2011, pp. 303-324.

Thank you ☺

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Category: Federal Depository Libraries

Subcategories:

- Cataloging (Authority Control)
- Classification and Item Numbers (SuDocs Manual)
- Cataloging (Policies/Practices; for Linked Data)