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Wikipedia and Libraries: Improving Metadata Through Collaboration

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OCLC Americas Regional Council Conference

Wikipedia and Libraries; Revolution Through Collaboration

TERI EMBREY, PRITZKER MILITARY MUSEUM & LIBRARY
ERIC WILLEY & ANGELA YON, ILLINOIS STATE UNIVERSITY

#OCLCARC18





OCLC Americas Regional Council Conference

Wikipedia and Libraries: Improving Metadata Through Collaboration

ANGELA YON AND ERIC WILLEY, ILLINOIS STATE UNIVERSITY

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#OCLCARC18



Goals

- Build a catalog that will enable users to identify authors that share the ethnicity African American
- To examine the feasibility using Wikipedia sources to identify author characteristics
- Case study to learn what resources (skills, time, tools, workflow) are necessary

Issue

- Catalog records are intended to describe the resource (book, DVD, article, sound recording, etc.)
- **NOT** to describe the characteristics of the creator
- Researchers sometimes select materials based on the life experiences of the creators rather than author/title/subject

The Library of Congress Demographic Group Terms (LCDGT)



Library of Congress Demographic Group Terms

Newspaper editors

[occupation/field of activity]

UF Editors, Newspaper

BT Journalists

Newspersons

USE Journalists

Newswriters

USE Journalists

Ngala speakers (Lingala speakers)

USE Lingala speakers

Ngoni speakers (Zulu speakers)

USE Zulu speakers

[national/regional]

UF Koreans, North

Pukchosŏn inmindŭl

Pukhan saramdŭl

BT Asians

Northern Chinese speakers

USE Chinese speakers

Northern Irish

[national/regional]

UF Eireannaigh (Northern Ireland)

Irish (Northern Ireland)

BT Britons

Cartoonists

[occupation/field of activity]

UF Caricaturists

Cartoon artists

BT Artists

Castellano speakers

USE Spanish speakers

Castilian speakers

USE Spanish speakers

Català speakers

USE Catalan speakers

Catalan speakers

[language]

UF Català speakers

Catalan-Valencian-Balear speaker

Catalonian speakers

Valencian speakers

Catalan-Valencian-Balear speakers

USE Catalan speakers

Catalans

[national/regional]

UF Catalonians

BT Spaniards

Catalog librarians

USE Catalogers

Catalogers

[occupation/field of activity]

UF Catalog librarians

Cataloging librarians

Catalogue librarians

Cataloguers

Library catalogers

Library cataloguers

Wikipedia has lots of lists...



WIKIPEDIA
The Free Encyclopedia

Article [Talk](#)

List of lists of lists

From Wikipedia, the free encyclopedia

Natural and physical sciences [\[edit \]](#)

Biology [\[edit \]](#)

- Lists of animals
 - Lists of amphibians by region
 - Lists of birds by region
 - Lists of cats
 - Lists of dogs
 - Lists of elephants
 - Lists of extinct animals
 - Lists of extinct animals of the British Isles
 - Lists of horses
 - Lists of insects of Great Britain
 - Lists of mammals by population
 - Lists of mammals by region
 - Lists of reptiles by region

History and events [\[edit \]](#)

- Lists of disasters
- Lists of incidents of unrest and violence in the United States by city
- Lists of occupations
- Lists of tenants in the World Trade Center (1966–2001)
- Lists of years by topic

Settlements [\[edit \]](#)

- Lists of capitals
- Lists of cities
 - Lists of cities by country
 - Lists of communes of France
 - Lists of ghost towns in Canada
 - Lists of places in Wales
 - Lists of populated places in the United States
 - Lists of places in Kansas
 - Lists of Los Angeles topics
 - Lists of New York City Landmarks
 - Lists of New York City topics
 - Lists of Omaha topics
 - Lists of San Francisco topics
 - Lists of U.S. cities with large ethnic identity populations
 - Lists of U.S. cities with non-white majority populations
- Lists of municipalities
 - Lists of neighborhoods by city
- Lists of places
 - Lists of places by eponym

People [\[edit \]](#)

- Lists of people
- Lists of people by belief
 - Lists of atheists
 - Lists of Christians
 - Lists of former Christians
- Lists of bisexual people
- Lists of celebrities
- Lists of centenarians
- Lists of deaths by year
- Lists of ethnic groups
 - Lists of black people
 - Lists of African Americans
 - Lists of Celts
 - Lists of Britons
- Lists of heroes
- Lists of libertarians
- Lists of Nobel Prizes
- Lists of people by cause of death
 - Lists of people executed in the United States
 - Lists of people executed in Texas
- Lists of people by nationality
 - Lists of people from African Union states
 - Lists of Americans
 - Lists of African Americans
 - Lists of people from Kansas

African Americans

[ethnic/cultural]

- UF Afro-Americans
Americans, African
Americans, Afro-
- RT Blacks

Sources

- > found: Merriam Webster online, May 1, 2015: African-American (an American of African and especially of black African descent)
- > found: OED online, Oct. 27, 2015: African American (An American (esp. a North American) of African origin; a black American)
- > found: LCSH, Oct. 29, 2015: African Americans (SN: Here are entered works on citizens of the United States of black African descent.



WIKIPEDIA
The Free Encyclopedia

[Main page](#)

Article [Talk](#)

List of African-American writers

From Wikipedia, the free encyclopedia

This is a list of African-American authors and writers, all of whom are considered part of

- Advocates (Lawyers)
USE Lawyers
- Aeronautical historians
USE Aviation historians

Afghan Americans

[ethnic/cultural]

- UF Americans, Afghan

Afghans (Afghanistan)

[national/regional]

Residents of Afghanistan.

- BT Asians

Afghans (Asian people)

- USE Pashtuns (Asian people)

African Americans

[ethnic/cultural]

- UF Afro-Americans
Americans, African
Americans, Afro-

- RT Blacks

African Methodist Episcopal Church member

[religion]

- UF A.M.E. Church members
AME Church members
- BT Methodists

LCDGT in Name Authority Records (NARs): Why we didn't do that

- Demographic terms are about an item's creator, not creators themselves
- Difficulty in assigning terms that apply to some of an author's works to their NAR
- No field in NARs for demographic terms (except gender)

Considerations

- Ethical and moral issues on author characteristics
- Ethnicity - very high standard of proof needed for this demographic category

Process

- Compared Wikipedia list of African American writers to our library holdings
- Researched entries for evidence of self-identification as African American and created citations
- Created name-title records
- Linked LCCN's/Wikipedia pages

Bland, Eleanor Taylor. †t Done wrong

010 no2017162601

040 INS †b eng †e rda †c INS-SF †d INS-SF

046 †k 1996 †2 edtf

1001 Bland, Eleanor Taylor. †t Done wrong

 386 †n eth †a African Americans †2 lcdgt

386 †n nat †a Americans †2 lcdgt

670 Bland, Eleanor Taylor. Done wrong, 1996, ©1995: †b title page
(Eleanor Taylor Bland)

 670 Brown, W. Dale. Conversations with American
writers, 2008: †b page 7 (Eleanor Taylor Bland, "Busy
Lady" interview; in the black community we're finally
starting)

“Link your data to other data to provide context”

Tim Berners-Lee’s “5 ★ Open Data,”

- LCCN in the authority data box on Wikipedia page

Authority control WorldCat Identities [WorldCat Identities](#) · ISBN: 0000 0000 5543 0682 [WorldCat Identities](#) · LCCN: n2002045822 [WorldCat Identities](#)

- 024 Wikidata identifier in the Name authority record

| | | |
|-----|---|--|
| 024 | 7 | Q8004662 #2 wikidata |
| 024 | 7 | http://www.wikidata.org/entity/Q8004662 #2 uri |
| 046 | | #f 1911-11-19 #g 1986-06-17 #2 edtf |
| 100 | 1 | Attaway, William |
| 070 | | Greenville (Miss.) : The University of Mississippi Press, 1986. |

Findings - List of African-American Writers

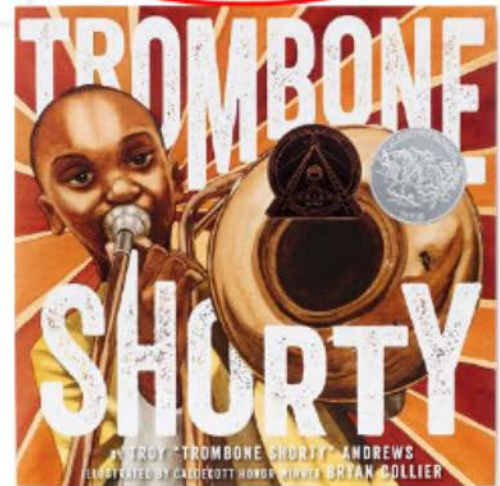
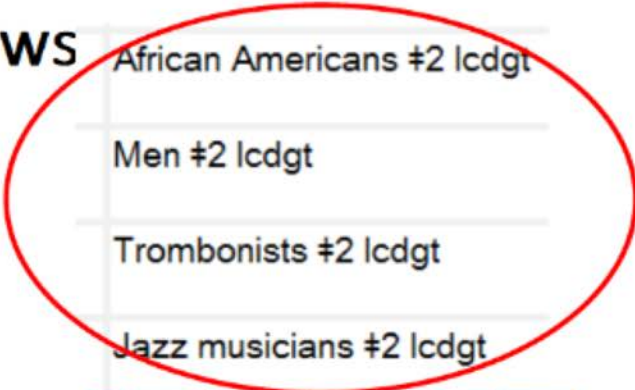
- 387 names on list
- 25% writers with no link to name authority records
- 4% names do not have name authority records
- 70% writers in our catalog
- 91% in catalog self-identified as an African American

Next steps

- Extract bibliographic records of titles from catalog
- Add the demographic term African Americans to the bib
- Load the enhanced records in our catalog VuFind and discovery platform, EBSCO Discovery Service (EDS)
- Track the OCLC#s of enhanced records
- Repeat the process for these records in OCLC

Trombone Shorty by Troy Andrews

| | | |
|-----|-----|--|
| 100 | 1 | Andrews, Troy , #e author. |
| 245 | 1 0 | Trombone Shorty / #c words by Troy "Trombone Shorty" Andrews |
| 264 | 1 | New York : #b Abrams Books for Young Readers, #c 2015. |
| 300 | | 1 volume (unpaged) : #b color illustrations ; #c 27 x 27 cm |
| 336 | | text #b txt #2 rdacontent |
| 336 | | still image #b sti #2 rdacontent |
| 337 | | unmediated #b n #2 rdamedia |
| 338 | | volume #b nc #2 rdacarrier |
| 347 | | text file #2 rda |
| 386 | | African Americans #2 lcdgt |
| 386 | | Men #2 lcdgt |
| 386 | | Trombonists #2 lcdgt |
| 386 | | Jazz musicians #2 lcdgt |
| 386 | | Americans #2 lcdgt |



<https://www.amazon.com/Trombone-Shorty-Troy-Andrews/dp/1419714651>

Summary

- 25% inclusion of links to Name Authority Records
- 70% Wikidata identifier added to Name Authority Records
- 70% writers holding in the catalog, 91% self-identification as an African American
- \$6 per self-identification research and citation
- 2500 bibliographic records in catalog and OCLC
- Enhancement to OCLC records offer opportunities for use by other libraries and faceted navigation

What we will do...

- On the Wikipedia page, we only will add titles if the author is the sole creator (not editor, or any work in anthologies, etc.).
- Only name-title records for works entirely created by the author, not pieces in anthologies.
- With the caveat that we might find the time to do solely authored works found in anthologies or other types of compilations.

Challenges

- Using Wikipedia Lists or Categories compiled from Wikidata?

List of women in mathematics

From Wikipedia, the free encyclopedia
(Redirected from [List of women mathematicians](#))



This is a list of women who have made noteworthy contributions to or achieved education,^{[1]:xii} the history and philosophy of mathematics, public outreach, a

Contents

[A](#) · [B](#) · [C](#) · [D](#) · [E](#) · [F](#) · [G](#) · [H](#) · [I](#) · [J](#) · [K](#) · [L](#) · [M](#) · [N](#) · [O](#) · [P](#) · [Q](#) · [R](#) · [S](#) · [T](#) · [U](#) · [V](#) · [W](#)

[See also](#) · [References](#) · [External links](#)

A [[edit](#)]

- [Tatyana Afanasyeva](#) (1876–1964), Russian–Dutch researcher in statistics
- [Maria Gaetana Agnesi](#) (1718–1799), Italian mathematician and philosopher
- [Ilka Agricola](#) (1973–) German expert on differential geometry and its applications

List of Spanish writers

From Wikipedia, the free encyclopedia

List of LGBT rights activists

From Wikipedia, the free encyclopedia

Category:20th-century Spanish novelists

From Wikipedia, the free encyclopedia



Pages in category "20th-century Spanish novelists"

The following 140 pages are in this category, out of 140 total. This list may not reflect recent changes ([learn more](#))

A

- [Alejandro Gándara](#)
- [Gabriel García-Badell](#)
- [Pere Gimferrer](#)
- [Marcos Giralt Torrente](#)
- [Agustín Gómez-Arcos](#)
- [Juan Gómez-Jurado](#)
- [Elvira Gómez-Jurana](#)
- [Carmen Conde Abellán](#)
- [Núria Albó](#)
- [Josefina Aldecoa](#)
- [Concha Alós](#)
- [Manuel Andújar](#)

Category:Women mathematicians

Categories: [American imams](#) | [African-American Muslims](#) | [LGBT African Americans](#) | [LGBT Living people](#) | [Gay men](#) | [African-American religious leaders](#) | [American Muslim activists](#) | [Sunni imams](#) | [LGBT people from Michigan](#) | [People from Detroit](#) | [Religious leaders from M](#) | [Cordoba University alumni](#) | [David A. Clarke School of Law alumni](#) | [20th-century African-Am](#) | [20th-century imams](#) | [21st-century imams](#)

Wikidata



- Main page
- Community portal
- Project chat
- Create a new item
- Recent changes
- Random item
- Query Service
- Nearby
- Help
- Donate

Tools

- What links here
- Related changes
- Special pages
- Permanent link
- Page information
- Concept URI
- Cite this page

Item [Discussion](#) [Read](#) [View history](#)

Zora Neale Hurston (Q220480)

American folklorist, novelist, short story writer

[In more languages](#) Configure

| Language | Label | Description |
|---------------------|--------------------|---|
| English | Zora Neale Hurston | American folklorist, novelist, short story writer |
| Spanish | Zora Neale Hurston | No description defined |
| Traditional Chinese | No label defined | No description defined |
| Chinese | 卓拉·尼尔·赫斯特 | No description defined |

All entered languages

Statements

instance of

human

[2 references](#)

image



Hurston-Zora-Neale-LOC.jpg

occupation

anthropologist

[1 reference](#)

historian

[0 references](#)

novelist

[2 references](#)

writer

[1 reference](#)

journalist

[0 references](#)

folklorist

[1 reference](#)

ethnic group

African American

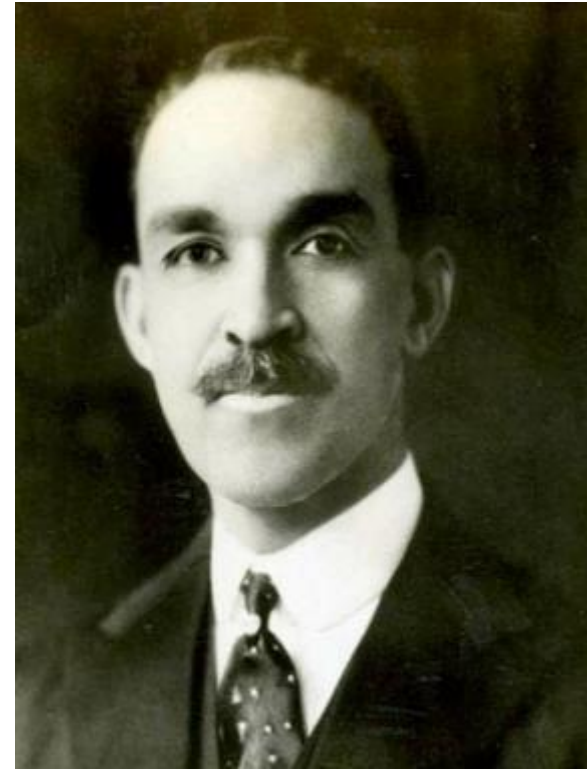
[0 references](#)

Challenges

- Defining demographics
- Wikipedia is not necessarily complete

Brawley, Benjamin Griffith. **Benjamin Griffith Brawley** (April 22, 1882 - February 1, 1939) was a prominent [African-American](#) author and educator. Several of his books were considered standard college texts, including *The Negro in Literature and Art in the United States* (1918) and *New Survey of English Literature* (1925).^[1]

- Wikipedia page and Wikidata entry
- Not on the List, but in the Category
- Our catalog includes records for his works



¹ https://en.wikipedia.org/wiki/Benjamin_Griffith_Brawley#cite_note-Valade-1

Roger M. Valade III, *The Essential Black Literature Guide*, Visible Ink, in association with the Schomburg Center, 1996; p. 53

Phillip Hayes Dean, an African American playwright best known for his biographical portrait of entertainer and activist Paul Robeson. [\[2\]](#)

- Wikipedia page and Wikidata
- Not on the List and not in the Category
- Our catalog includes records for his works



Phillip Hayes Dean, a playwright followed by controversy over his play about Paul Robeson in the 1970s, died April 14 at 83. (Craig Schwartz/AP)

2. Schudel, Matt. "Phillip Hayes Dean dies; playwright of 'Paul Robeson' was 83." *Washington Post*. The Washington Post, 19 April 2014. Web. 10 January 2018.

Potential outcomes and future opportunity


- LCDGT Information displays in our catalog and faceted search results
- Grow our documentation and research
- Build on the relationship between Wikipedia and libraries

Impact - search

- With our new VuFind 4.1 interface for our catalog, the Wikipedia page will appear on an author search
- New browsing features for subjects and authors that utilize Authority record data (Authority records are updated weekly)

Author / Hughes, Langston, 1902-1967




Langston Hughes



James Mercer Langston Hughes (February 1, 1902 – May 22, 1967) was an American poet, social activist, novelist, playwright, and columnist from Joplin, Missouri.

He was one of the earliest innovators of the then-new literary art form called jazz poetry. Hughes is best known as a leader of the Harlem Renaissance in New York City. He famously wrote about the period that "he negro was in vogue", which was later paraphrased as "when Harlem was in vogue". Provided by Wikipedia

Showing 1 - 20 results of 155 for search Hughes, Langston, 1902-1967. query time: 0.16s Sort: Relevance

-  **The dream keeper, and other poems;**
by Hughes, Langston, 1902-1967.
Published 1932
Call Number: PS3515.L274 D71332
Located: Floor 6 Shelves
[Book](#) [Available](#) ★ Save to List
-  **The return of Simple /**
by Hughes, Langston, 1902-1967.
Published 1994
Call Number: PS3515.L274 A61954
Located: Floor 6 Shelves
[Book](#) [Available](#) ★ Save to List
-  **The block : poems /**
by Hughes, Langston, 1902-1967. ★ Save to List

Related Subjects

- African American authors
- American drama
- African Americans
- American poetry
- Poetry
- Children's poetry, American
- African-American authors
- Songs (high voice) with piano
- Authors, American
- Harlem Renaissance
- Jazz
- Short stories, American
- African American children
- American fiction
- History
- Juvenile literature
- Musicals
- Operas

<https://i-share.carli.illinois.edu/vf-isu/Author/Home?author=Hughes%2C+Langston%2C+1902-1967>

Impact – full circle linking

- 024 wikidata in the NAR
- LCCN in the authority data box

ARN 1813597
Save File 31 Expires in 88 days

| Rec.stat | c | Entered | 19870920 | Replaced | 20160331073802.0 | | |
|----------|---|-------------|----------|-----------|------------------|----------|---|
| Type | z | Upd.status | a | Enc.tvl | n | Source | |
| Roman | ■ | Ref.status | n | Mod.res | | Name.use | a |
| Cont.agr | ■ | Auth.status | a | Subj | a | Subj.use | a |
| Series | n | Auth.titl | a | Dep.subd | n | Ser.use | b |
| Ser.num | n | Name | a | Subdiv.in | n | Links | z |

| | | | |
|-----|---|--|----------|
| 010 | | n | 86035877 |
| 040 | | DLC #b eng #e rda #c DLC #d DLC #e OCLC #d PSI #d DHU-MS | |
| 024 | 7 | QB004862 #2 wikidata | |
| 046 | | #f 19111119 #g 19800617 | |
| 100 | 1 | Altway, William | |
| 370 | | Greenville (Miss.) #b Los Angeles (Calif.) #c United States #2 nat | |
| 373 | | University of Illinois at Chicago #a Federal Writers' Project #2 naf | |
| 374 | | Lyricists #a Actors #a Novelists #a Labor leaders #2 isch | |
| 376 | | male | |
| 670 | | His Blood on the Forge, 1967 #b CIP tp. (William Altway) | |

Authority control WorldCat Identities · VIAF: [1916939](#) LCCN: [n2002045822](#)

Resources

- [“5 ★ Open Data.”](#)
- Library of Congress, Policy and Standards Division. [Demographic Group Terms and Manual](#), 2018.
- [“List of African-American writers.”](#)
- Schiff, Adam. [Applying Library of Congress Faceted Vocabularies](#).
Workshop presented at OLAC 2017 Conference, Richmond, VA,
October 28, 2017.
- Watch for more information in our IR, [ISU ReD](#).

Thank you!

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THANK YOU

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