



# Sunshine on our Shoulders

Open Government, Open Scholarship

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**Government Information Librarian**  
**Texas A & M University Libraries**



## Common Ground

- Government documents and scholarly communication have much in common: notably, a shared emphasis on the open and persistent availability of high quality resources to a broad public.
- Because of these entwined commonalities, librarians in scholarly communication and government information are natural allies and these two branches of librarianship should engage with each other.



## Common Ground

- Shared Goals Today
  - focus on public accessibility
  - emphasis on provisioning open information to scholars and citizens
  - countering a persistent digital divide
- Federal mandates tied to government funding of research provide an impetus for scholarly communication and government documents units in academic libraries to formally collaborate. Government funding of scholarly research forges a shared space, extending government information to encompass scholarly works; mandates enforce that this new variety of government information be made publicly accessible.



## Common Ground

- Potvin, Sarah, and Laura Sare. "Public Goods and Public Interests: Scholarly Communication and Government Documents in Research Libraries." *portal: Libraries and the Academy* 16, no. 2 (2016): 417-441.



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**Allyson Rodriguez**  
**Electronic Resources Librarian**  
**University of North Texas**



## Background

- Teacher
  - Low income area
- Library aide
  - Altus Air Force Base Library



## Strategic Collections Librarian

- Add Open Access to the library catalog
  - Don't add everything
  - Evaluate using a rubric
- Work with the scholarly communications group





## Gov. Docs!

- A wealth of information





## Examples

- National Library of Medicine Digital Collections

U.S. National Library of Medicine Digital Collections

Search [ ] Search Q

About Help Web Service

Refine by:

- Collections >
- Subjects >
- Authors >
- Titles >
- Formats >
- Languages >
- Genre >
- Rights >
- Recently Added >
- Dates by Range >

Incunabula: A collection of books and broadsides printed in Europe before 1501

Digital Collections is the National Library of Medicine's free online repository of biomedical resources including books, still images, videos, and maps. All of the content in Digital Collections is freely available worldwide and, unless otherwise indicated, in the public domain. Digital Collections provides unique access to NLM's rich resources.

- DAVID Bioinformatics

DAVID Bioinformatics Resources 6.8, NIAID/NIH

Home Start Analysis Shortcut to DAVID Tools Technical Center Downloads & APIs Term of Service

\*\*\* Welcome to DAVID 6.8 with updated Knowledgebase (more info)  
\*\*\* If you are looking for DAVID 6.7, please visit our development site

Analysis Wizard

Upload List Background

Upload Gene List

Demolist 1 Demolist 2  
Upload Help

Step 1: Enter Gene List  
A: Paste a list

[ ] Clear

Or

B: Choose From a File  
Choose File No file chosen  
Multi-List File ?

Step 2: Select Identifier  
AFFYMETRIX\_3PRIME\_IVT\_ID ▾

Step 3: List Type  
Gene List   
Background

Step 4: Submit List  
Submit List

← Step 1. Submit your gene list through left panel.

An example:

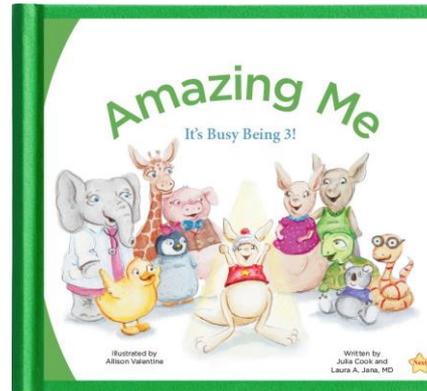
Copy/paste IDs to "box A" -> Select Identifier as "Affy\_ID" -> List Type as "Background"

```
1007_s_at
1053_at
117_at
121_at
1255_g_at
1294_at
1316_at
1320_at
1405_i_at
1431_at
1438_at
1487_at
1494_f_at
1598_g_at
```



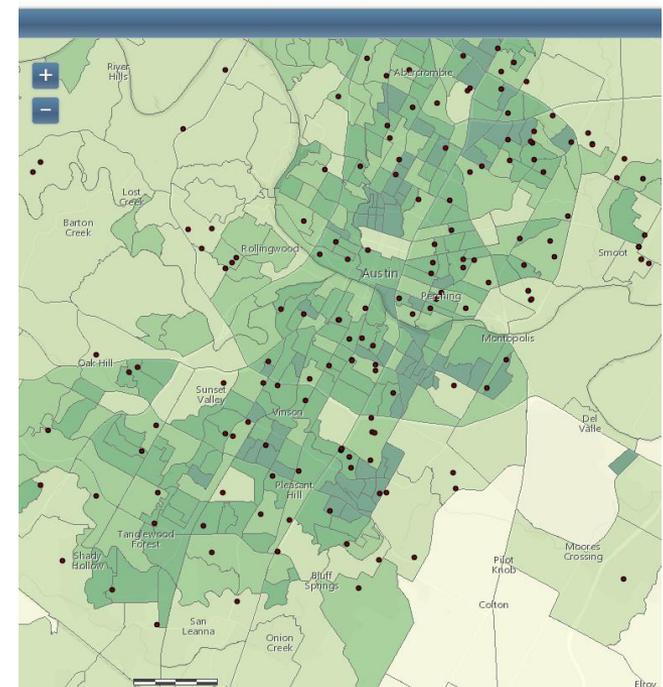
## Examples Cont.

- Centers for Disease Control Children's Books



- EJSCREEN Mapping Tool

EPA EJSCREEN EPA's Environmental Justice Screening and Mapping Tool (Version 2017)





## Challenges or Opportunities

- Link rot
- Reuse
- Interfaces
- Amount



# Challenges in the “Opens”

Open Education & Open Educational Resources

**Anita Walz**  
**Open Education, Copyright, and Scholarly Communication Librarian**  
**Virginia Tech**





Open Access

Open Source

Open Data

Open Infrastructure

Open Government

Open Education

Open Pedagogy

Open Educational Resources



Free to read . . . .

Or, free to adapt/remix/create?





## Key features of any kind of openness

- Rights
- Access
- Use
- Transparency
- Participation
- Enabling
- Philosophical alignment



# Core values of Open + Education

- **Sharing** your work
- Giving (and receiving) **feedback**
- Incorporating new **ideas about teaching**
- Understanding & using **open licenses**
- **Giving credit**
- Focused on **students** [learners] and their needs

McKernan, R., Skirko, T., & West, Q. (2015) Librarians as open education advocates: Readings on being an open advocate. Retrieved from

<https://openedadvocates.pressbooks.com/chapter/definition-of-open-education>



## Content openness, by degree

		Allows adaptation	Allows redistribution	Requires attribution	Eliminates fair use
	PD (no known copyright)	Yes	Yes	No	No
	PD0 / CC0 (donated to public domain)	Yes	Yes	No	No
	CC BY	Yes-under same license terms	Yes	Yes	No
	CC BY SA	Yes	Yes	Yes	No
	CC BY NC	Yes	Yes	Yes	No
	CC BY NC SA	Yes-under same license terms	Yes	Yes	No
	CC BY ND	No	Yes	Yes	No
	CC BY NC ND	No	Yes	Yes	No
	In-Copyright with no additional license or permission	No	No	—	No

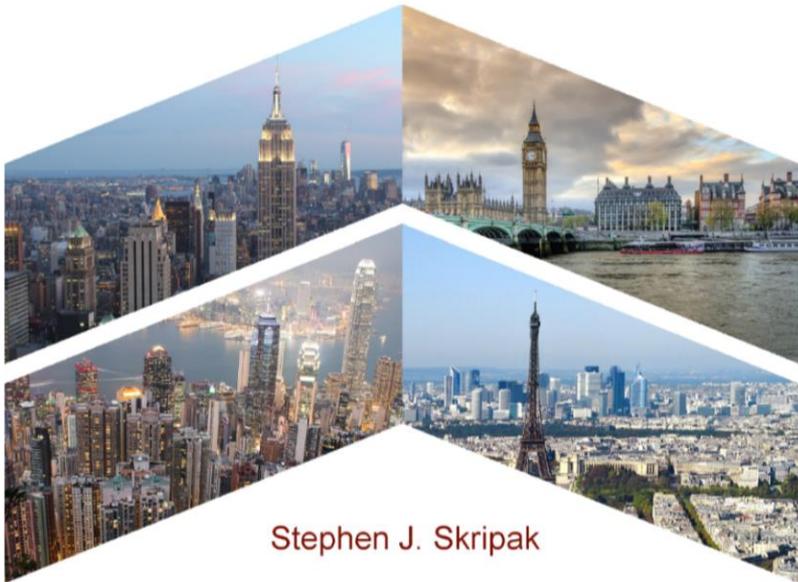


## Communicating with readers

- **Communicating the status of a work to people -- and computers**
  - Icons/symbols
  - <http://rightsstatements.org>
- **And, what does this status mean?**
  - What can I do with Public Domain content?*
  - What can I do with CC-licensed content?*



## FUNDAMENTALS OF BUSINESS



Stephen J. Skripak

Pamplin College of Business and Virginia Tech Libraries

Virginia Tech  
Blacksburg, Virginia



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## Producing & Stewarding Content

- **Creation/Production**
  - References & CC-attribution
  - Mixing CC-licenses
  - Risk and fair use
  - [Accessibility / 508](#)

	PUBLIC DOMAIN	PUBLIC DOMAIN	CC BY	CC BY SA	CC BY NC	CC BY NC SA	CC BY NC SA	CC BY NC SA
PUBLIC DOMAIN	✓	✓	✓	✓	✓	✗	✓	✗
PUBLIC DOMAIN	✓	✓	✓	✓	✓	✗	✓	✗
CC BY	✓	✓	✓	✓	✓	✗	✓	✗
CC BY SA	✓	✓	✓	✓	✗	✗	✗	✗
CC BY NC	✓	✓	✓	✗	✓	✗	✓	✗
CC BY NC SA	✗	✗	✗	✗	✗	✗	✗	✗
CC BY NC SA	✓	✓	✓	✗	✓	✗	✓	✗
CC BY NC SA	✗	✗	✗	✗	✗	✗	✗	✗

[https://wiki.creativecommons.org/wiki/Wiki/cc\\_license\\_compatibility](https://wiki.creativecommons.org/wiki/Wiki/cc_license_compatibility)

- **Publishing standards**
  - Various outputs / What's a "book"
  - Print & electronic production processes differ
  - Archival / preservation planning
  - Hosting
  - Managing versions / derivatives



## Enabling technical openness & engagement

- Technically open formats
  - PDF, epub, XML . . .
- Assessment and evaluation
  - Metrics
  - Privacy
  - Building feedback loops
- Getting the word out
  - Marketing? Distribution?



## Finding and curating works

### Google Advanced Search



# Building collaborator communities

