



13 October 2016

*Best Practices and Lessons Learned for Curating Physical and Digital Exhibits: A Case Study on the Northwestern University Transportation Library*

SPEAKERS: Roberto Sarmiento and Rachel Cole, Northwestern University Transportation Library

# Best Practices and Lessons Learned for Curating Physical and Digital Exhibits: A Case Study Northwestern University Transportation Library

Rachel Cole and Roberto Sarmiento  
Transportation Library, Northwestern University

Transportation Librarians Roundtable  
October 13, 2016

Northwestern



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Library

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Public Services Librarian,  
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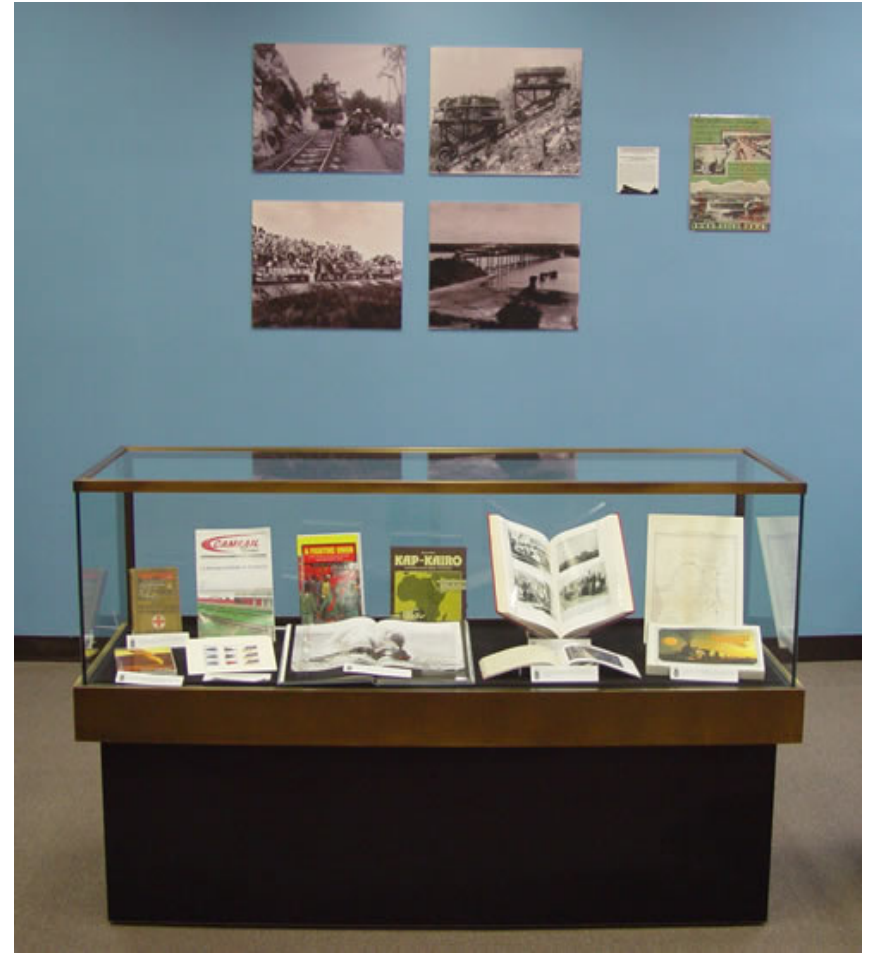
# Presentation goals and format

- Share our experience/knowledge
- Inspire
- Less technical focus, perhaps a little fun
- Parts:
  - Framing NUTL
  - Physical exhibits: what we learned
  - Digital exhibits: our next frontier
  - Questions (or use chat box at any time)

# Principles of NUTL Exhibits

# Why exhibits?

- Required & expected
- Support Main Library programs
- Support our Center
- Highlight collection(s) or items
- PR
- Honor donors
- Drive traffic (to library, collections or website)
- Requested by masters
- Push design envelop/raise bar
- For fun!



# Types of NUTL exhibits

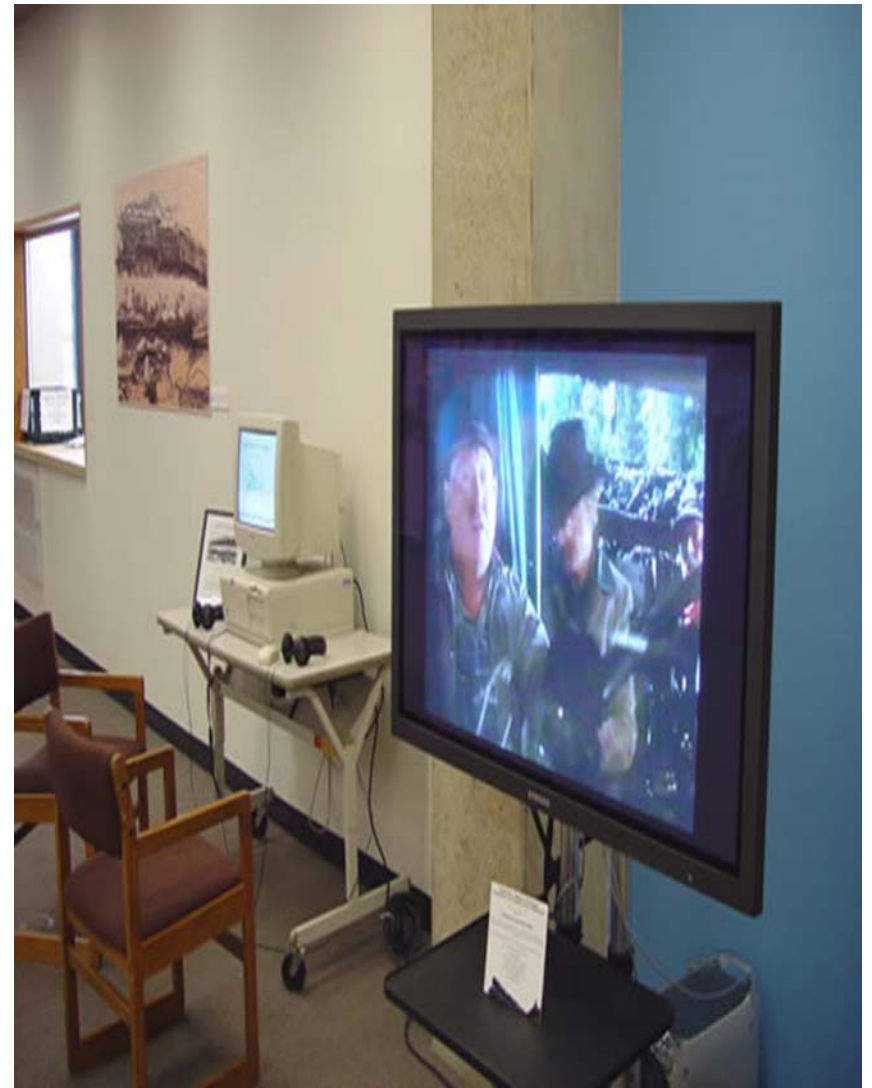
- 1 book within large exhibit
- 1 case within large exhibit
- Tabletop within NUTL
- Large multi-case, multidimensional
- Fully digital
- +15 in last 12 yrs
- Part of a team or main producer
- Solo or with partner
- Partners: staff, faculty, librarians, gov, corp, individuals, orgs, etc.
- Multi formats: paper, artifacts, video, sound & presentations



# Physical Exhibits

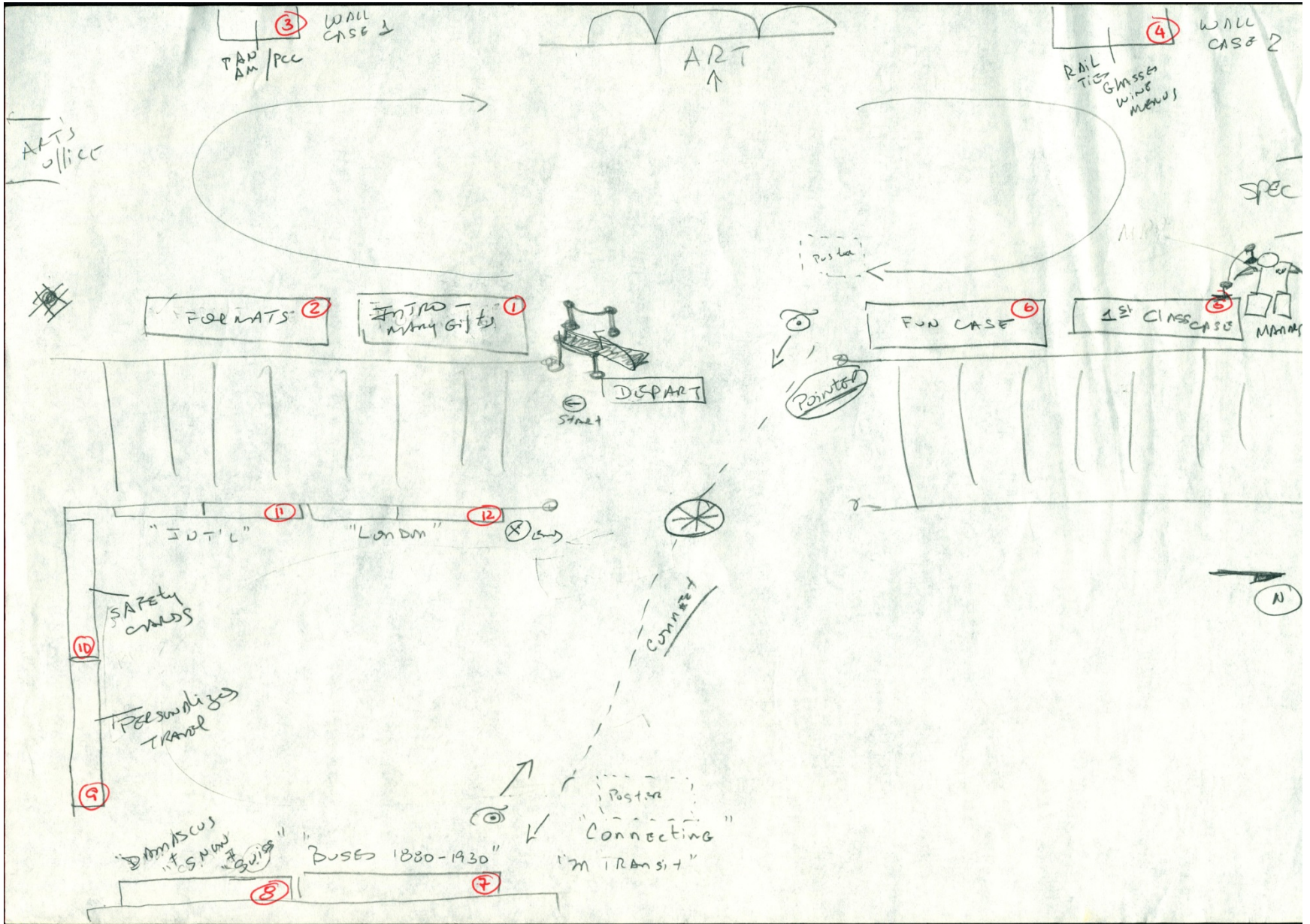
# Lessons learned: Start

- Have a solid VISION and GOALS (but prepare to be flexible)
- Make sure you'll have items and select more than you'll need
- Will need lots of time
- Create a schedule and stick to it
- Start “collecting” early
- Settle early on who's paying for what
- Know the collection well
- Look for connections, make connections, show connections
- Bring PR staff ASAP
- Line up partners early and keep them in the loop: PR, bosses, lib. staff, Center, speakers, preservation, digitization, internal/external partners, facilities, committees, etc.



# Lessons learned: Planning

- Walk the hall
- Sketch line of sights, traffic, doors, walls, etc.
- Attempt to bring exhibit out of cases: use monitors, walls, columns, ceiling, etc.
  - Be creative
- Develop vision/mission for each image/item in each case, wall, column, etc.
- Then, arrange cases to make visitors experience exhibit as an unfolding story
- Minimalist or stuffer?
- First do exhibit on paper
- Measure cases to create mockups
- Use replicas and/or originals to visualize cases
- Take photos of full mockups and sketch a map of cases and items within
- Print & arrange photos in order of exhibit plan (don't lose them)
- If item(s) don't "fit"...
- Label everything you use (in back)



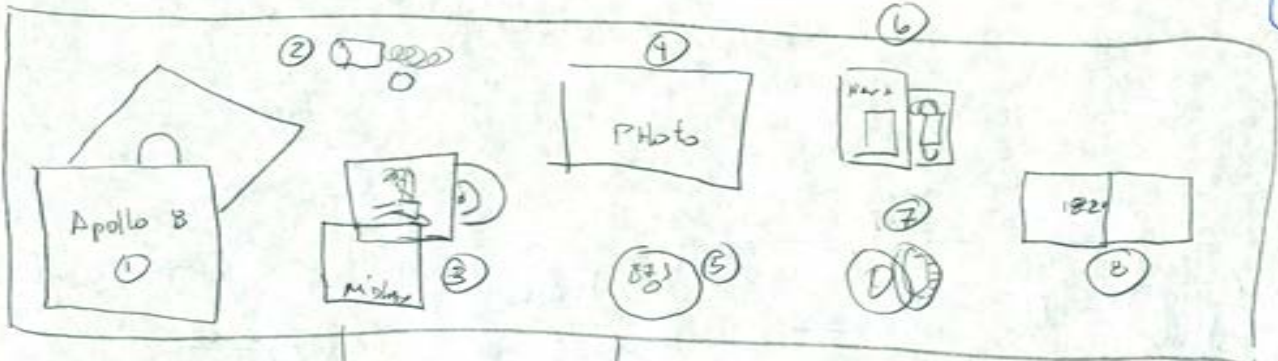


# Lessons learned: Preservation

- Assess Preservation needs early
- Digitize everything you can and more than you'll need
- Stay away from natural light, heat vents and water drips
- Do not let original papers touch
- Do not “hard” fold fabrics
- When in doubt: use replicas
- Use book cradles or replicas
- Do not use anything “permanent” on originals
- Use lots of “Velcro” and sewing pins (do not use tape)
- Use cloth (velvet) as background

FORMAT CASE

#2



- ① Apollo 8 LP  
MARJONIE ~~??~~ KIR? Gift
- ② Shell Film  
Dural Unknown
- ③ RR Sound  
Recording  
Dural 2nd Gpt. Straw  
Goldstrom Rm  
Collection
- ④ Photo  
Dural 2nd  
K/ASH

→ Scan  
Cover

→ Photo

→ Scan  
Cover

→ Scan

Photo

Photo

Photo

Scan title  
Page + cover  
read

- ⑤ EES  
Friesman
- ⑥ VHS  
William Haged
- ⑦ Films +?  
NU xx Dept
- ⑧ 1820 Book  
G/t Dural K/ASH





# Lessons learned: Mounting

- Spend time on “talking exhibit” to refine message
- Develop a compelling “story” and become a good storyteller
- Make the story personal, connect with visitors
- Write down good sound bytes from “talking exhibits” to use as text for labels, captions, articles, etc.
- Edit, edit, edit...be concise
- Labels: attractive, concise, consistent and correct credits
- Listen to advice, but be firm
- Be prepared for changes
- Exhibit poster **MUST** match your vision
- PR the heck out of it!
- Provide group & individual tours
- Ask for feedback
- Make extra sure you thank everyone. It takes a village!



# Lessons learned: Afterwards

- How not to make it ephemeral:
  - Securely archive produced slide shows, photographs, videos, sound files, etc.
  - Keep posters as decorations (Better: gift them to partners)
  - Re-use images, etc.
  - Do TLR!
- Save all emails
- Save all plans, photos, notes, etc.
- Do a post-mortem with team, be honest
- Keep notes of what worked or didn't
- Plan to raise the bar higher next time

# Lessons learned: Things do go south

- Everything can and may go south
- “Offensive” content
- “Missing” research
- Less than perfect partners
- Hijacking attempts
- Copyright
- Fighting the Man

“Success has many  
fathers,  
Failure only one”



# Final takeaways

- Have a vision
- Give yourself and partners lots of time
- Know the collection
- Tell a story that connects
- Document the plan
- Be creative, push the envelop
- PR, PR, PR
- Have fun



# Online Exhibits





# Why Online?

- Increased reach
- Longer lifespan
- Interactivity
- Direct links to collection, reading lists
- Space considerations



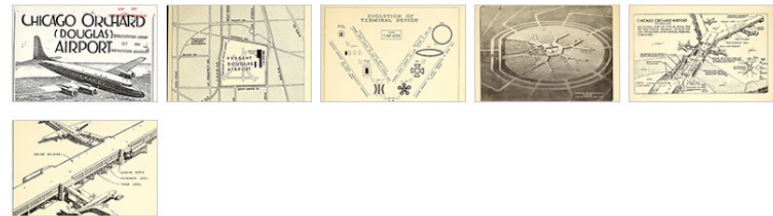
# Exhibition Policy

Transportation Library exhibitions will use our collections to tell stories that inform and inspire exploration and research from Northwestern University students, faculty, and staff, as well as the transportation community and audiences worldwide.

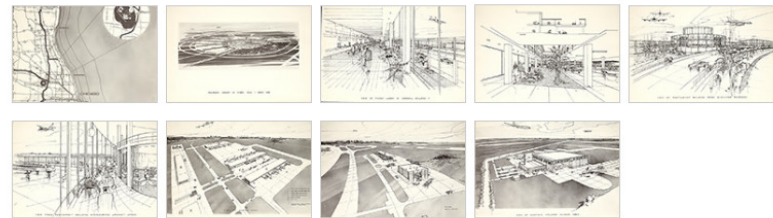
# Goals

- Bringing awareness to our unique collections—both in the NU community and with a broader reach
- Creating a semi-permanent resource that promotes user access, research, and education
- Making connections between items from diverse areas of the collection in order to present materials to users in a new light
- Encouraging engagement, interaction, and conversations among our users

Images from Master Plan of Chicago Orchard (Douglas) Airport



Images from Chicago O'Hare International Airport Engineering Report: First Stage Development Program



# Planning

- Proposal
- Selection of material
- Writing labels
- Digitization
- Design of site
- Review
- Promotion
- Assessment

## EXHIBITION PLANNER

PROJECT/EVENT	KATE & LOU - PPIE ALBUM				
ORGANIZER	RACHEL COLE				

PROJECT PHASE	STARTING	ENDING	PROJECT PHASE	STARTING	ENDING
RESEARCH + PRELIMINARY PLANNING	7/1/16	8/16/16	WRITE DESCRIPTIONS FOR PHOTOS, PAGES, AND ACCOMPANYING MATERIAL	Date	Date
FINALIZE MATERIALS TO BE INCLUDED	7/1/16	9/1/16	PROMOTION	Date	Date
REQUEST ANY ADDITIONAL LOANS	7/1/16	Date		Date	Date
COMPLETE DIGITIZATION OF MATERIALS	Date	Date		Date	Date
PLOT LOCATIONS IN GIS	Date	Date		Date	Date
COMPLETE LAYOUT OF WORDPRESS SITE	Date	Date		Date	Date

OCTOBER							NOVEMBER							DECEMBER							JANUARY							FEBRUARY							MARCH						
M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S
	1	2					1	2	3	4	5	6		1	2	3	4							1	1	2	3	4	5	1	2	3	4	5							
3	4	5	6	7	8	9	7	8	9	10	11	12	13	5	6	7	8	9	10	11	2	3	4	5	6	7	8	6	7	8	9	10	11	12	6	7	8	9	10	11	12
10	11	12	13	14	15	16	14	15	16	17	18	19	20	12	13	14	15	16	17	18	9	10	11	12	13	14	15	13	14	15	16	17	18	19	13	14	15	16	17	18	19
17	18	19	20	21	22	23	21	22	23	24	25	26	27	19	20	21	22	23	24	25	16	17	18	19	20	21	22	20	21	22	23	24	25	26	20	21	22	23	24	25	26
24	25	26	27	28	29	30	28	29	30	26	27	28	29	30	31	23	24	25	26	27	28	29	27	28	29	30	31	27	28	29	30	31									
31																			30	31																					

# Content

Laid out in our exhibition policy

- All exhibitions will be based on subjects related to transportation
- Emphasize primary sources
  - Tell a story that emphasizes the unique nature of your collections
- Compelling narrative
  - Important to select visually appealing content, but that should be secondary to your exhibit's goals
- Making connections

Transportation Library

HOME / LIBRARIES AND COLLECTIONS / TRANSPORTATION LIBRARY / EXPLORE THE COLLECTION / O'HARE@50

Explore the Collection

- Archival Collections
- Digital Collections
- O'Hare@50
- Research Materials
- For the Traveler
- Oddities
- Acknowledgments
- Annual Report Collection
- Environmental Impact Statement Collection
- Transportation Library Menu Collection
- Services
- Contact Us

## O'Hare@50

On March 23, 1963, President John F. Kennedy officially dedicated O'Hare International Airport. Fifty years later, our beloved O'Hare is still going strong and has become a city and national transportation icon.

### The Exhibit

To commemorate this milestone, the Northwestern University Transportation Library, using its collections and staff resources, developed this digital exhibit presenting copies of unique airport planning documents, research and archival resources.

### Acknowledgments

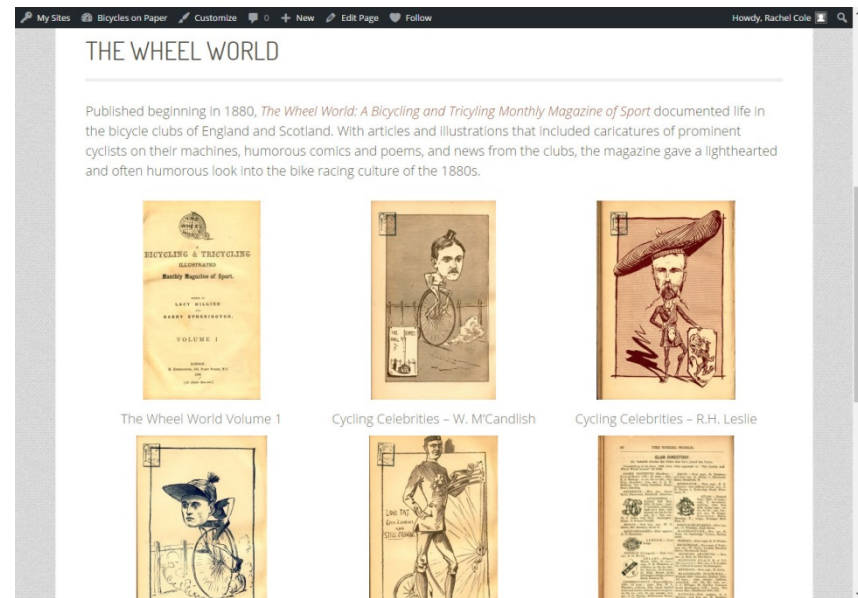
The curator would like to thank the following colleagues for their dedication, passion and joy in making this exhibit a reality.

RESEARCH MATERIALS FOR THE TRAVELER ODDITIES

Read More Read More Read More

# Labels

- Your content has a story to tell—but it can't speak for itself.
- Labels should:
  - Provide context
  - Be concise
  - Have a consistent tone
  - Be easy to follow
- Written for the general public
  - Not jargon
  - Assume that your readers have no background in the area
- Balance between interesting and educational



# Labels

- **Introductory text**
  - Landing page: overview of exhibition, reasons for putting it together. background.
- **Section text**
  - On each page of the exhibition, a brief statement of what the section is about
- **Image text**
  - Captions for each image.
  - Citation information, description of what they're seeing.
  - Link to materials in catalog and full text if available.

## Hartford Safety Bicycles

Hartford Cycle Company  
1891



The Hartford Cycle Company advertised the Hartford Safeties of 1892 for women and men, the third year of production for the company. Cushion tires increased in popularity the previous year and are highlighted in the catalog, promoting the "finest grade of rubber, and their use demonstrated them equal to the best." Bicycle weights ranged from 46 to 49 pounds.

## The Special Racycle 1898 Narrow Tread

Miami Cycle & Mfg. Co., Middletown, Ohio.  
1898



The Miami Cycle & Mfg. Co. published a catalog for its Racycle bicycle in 1898. Eleven models were available for sale, including a roadster, a racing cycle, women's cycles (lighter weight and with a lower saddle for "less danger of a fall"), as well as models developed specifically for country roads. Structural details were highlighted to emphasize improvements made over previous models and ways in which Racycles surpassed the competition and included four reversible models of handlebars and jacobey saddles made of paper.



# Layout

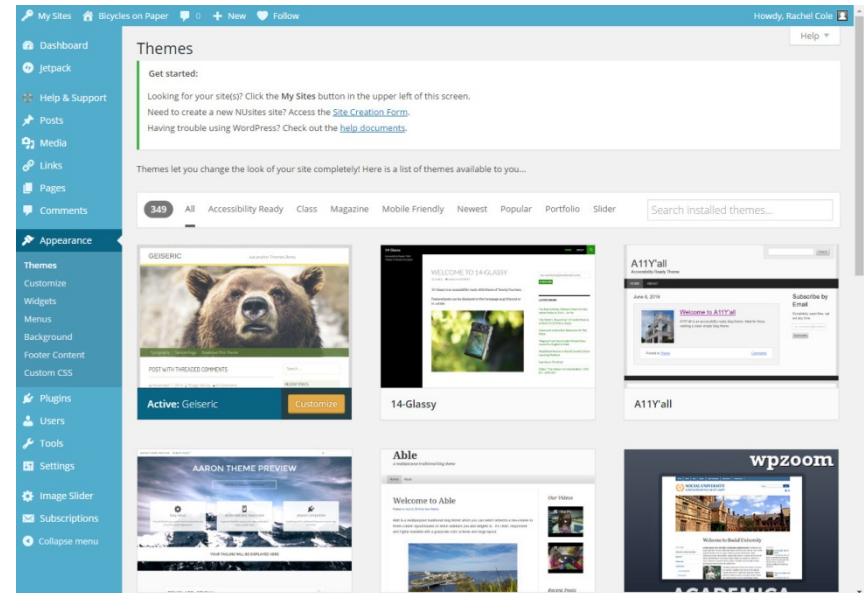
- Look at each page like a case in a physical exhibit
- Page layout may largely depend on the web design software template used
- Organizing offline
  - Index cards





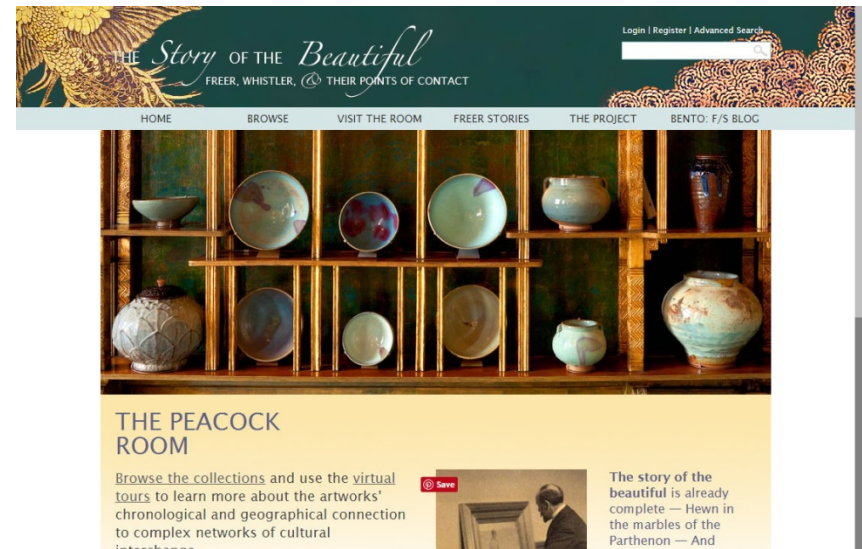
# WordPress

- Design tool for non-designers
- Basic templates for publishing online—can be very prescriptive
- For examples: see WordPress showcase
- Designed for the general public
- Free versions
  - Might include ads
- Paid versions
  - Range of plans
  - More control
  - Unique domain names
  - Additional features
- Helps to have HTML/CSS background to customize



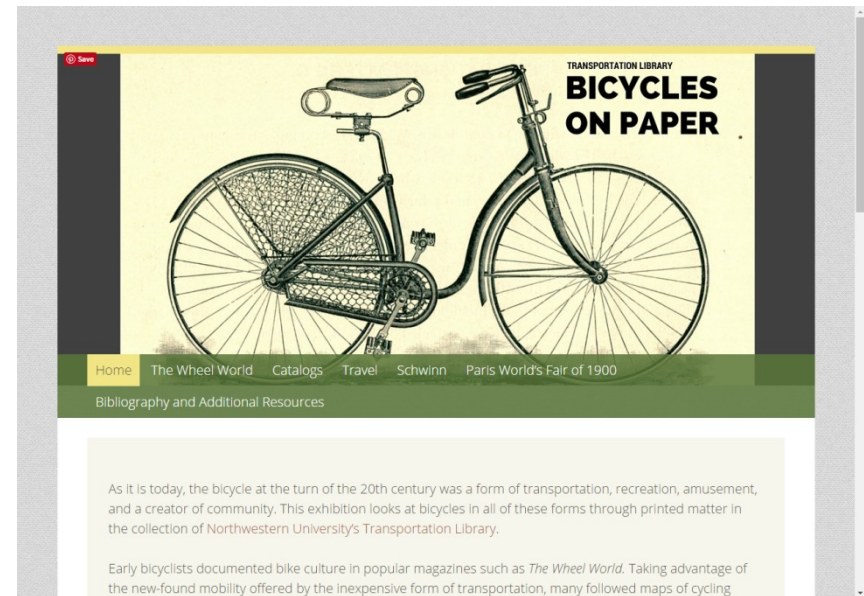
# Omeka

- Free, open-source tool
- Designed with scholars, librarians, museum professionals, archivists in mind
- Controlled vocabularies
  - LC Subject Heading plugin



# Canva

- A design tool for non-designers
- Create headers, banners, logos, and promotional materials
- Free account available at [canva.com](https://canva.com)





# Copyright

- Fair Use
  - Checklist from Columbia University
    - Purpose
    - Nature
    - Amount
    - Effect
- Is there an expert at your institution? Use them!

**Fair Use Checklist**  
 Copyright Advisory Office  
 Columbia University Libraries  
 Kenneth D. Crews, Director  
<http://copyright.columbia.edu>

Name: \_\_\_\_\_

Institution: \_\_\_\_\_

Project: \_\_\_\_\_

Date: \_\_\_\_\_

Prepared by: \_\_\_\_\_

Purpose

**Favoring Fair Use**

- Teaching (including multiple copies for classroom use)
- Research
- Scholarship
- Nonprofit educational institution
- Criticism
- Comment
- News reporting
- Transformative or productive use (changes the work for new utility)
- Restricted access (to students or other appropriate group)
- Parody

**Opposing Fair Use**

- Commercial activity
- Profiting from the use
- Entertainment
- Bad-faith behavior
- Denying credit to original author

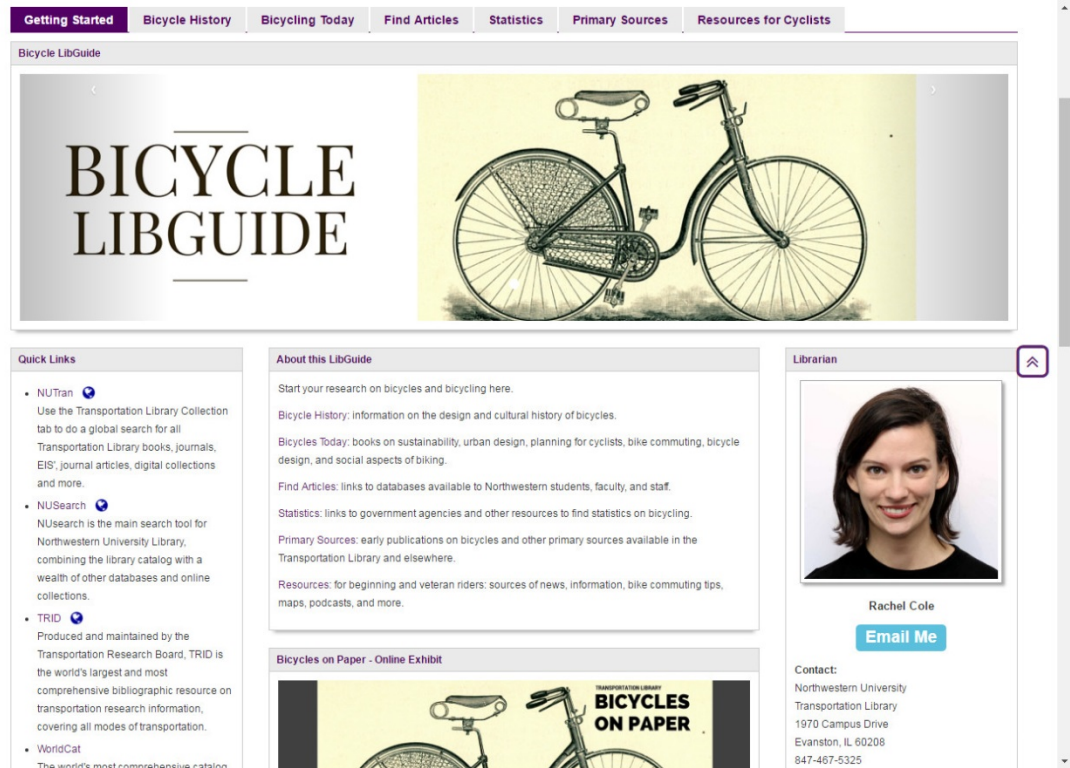
# A unique case...

Copyright implications for historical newspaper advertisements published in a proprietary database?



# The site is finished: now what?

1. Review
2. Promote
3. Assess
4. Maintain
5. Continue to Connect



The screenshot shows the 'Bicycle LibGuide' website. At the top, there is a navigation menu with tabs: 'Getting Started', 'Bicycle History', 'Bicycling Today', 'Find Articles', 'Statistics', 'Primary Sources', and 'Resources for Cyclists'. Below the menu is a large banner with the text 'BICYCLE LIBGUIDE' on the left and a vintage bicycle on the right. The main content area is divided into three columns. The left column, titled 'Quick Links', lists: 'NUTran' (Transportation Library Collection), 'NUSearch' (main search tool), 'TRID' (Transportation Research Board), and 'WorldCat'. The middle column, titled 'About this LibGuide', provides an overview and links to 'Bicycle History', 'Bicycles Today', 'Find Articles', 'Statistics', 'Primary Sources', and 'Resources'. The right column, titled 'Librarian', features a portrait of Rachel Cole, an 'Email Me' button, and contact information for the Northwestern University Transportation Library.

# Promoting the Exhibit

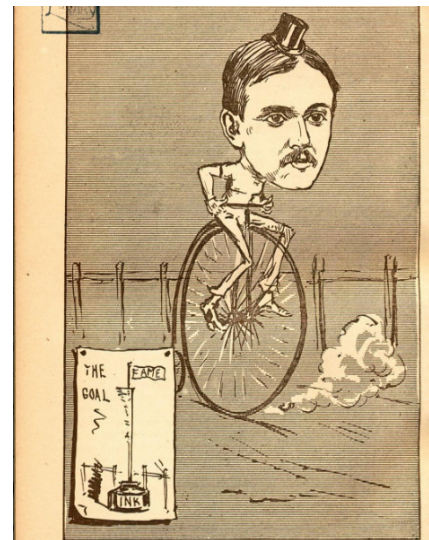
- Social Media
- TLRs
- Institutional PR
- Link on library's webpage
- Press Releases
- Department newsletters
- Listservs
- Tie-Ins
- Add links in Wikipedia where relevant

 **GrowSmart Maine** @growsmartmaine · Jun 28  
**Bicycles on Paper.** What fun - had to pass it along!  
[sites.northwestern.edu/bicycles/](https://sites.northwestern.edu/bicycles/)

← ↻ 1 ❤️ 1 ⋮

 **Frank Valadez** @allisvanityfv · Jun 21  
New online exhibit **Bicycles on Paper** from @NU\_LIBRARY @LeTour @velonews @BicyclingMag @Cyclingnewsfeed @Gazzetta\_it  
[ow.ly/mugn301vmVh](https://ow.ly/mugn301vmVh)

← ↻ ❤️ ⋮



 transportationlibrary

84 likes

14w

transportationlibrary This caricature of William McCandlish is just one of many from the publication *The Wheel World*, an illustrated monthly magazine of bicycling and tricycling, published in London in the 1880s. Each issue highlighted a cycling celebrity from the bicycle clubs and included lighthearted stories, inside jokes, and news from the bicycle clubs. *The Wheel World* is featured in our new online exhibition *Bicycles on Paper* (<http://bit.ly/NUBikes>), which focuses on bicycle culture, design, and transportation at the turn of the 20th century. #librariesofinstagram #library #specialcollections #magazine #1880s #1883 #cycling #bicycling #cycle #bicycle #thewheelworld #illustration #caricature #cyclist #bicyclist #bicyclesinthehistory #bikelife

❤️ Add a comment... ⋮

 NUTC and 2 others liked

 **Transportation Lib** @TranLibraryNU · Jun 10  
**Bicycles on Paper:** a mini-exhibit to celebrate the #Bike Commuter Challenge:  
[sites.northwestern.edu/bicycles/](https://sites.northwestern.edu/bicycles/) #cycling



← ↻ 1 ❤️ 4 📊 ⋮

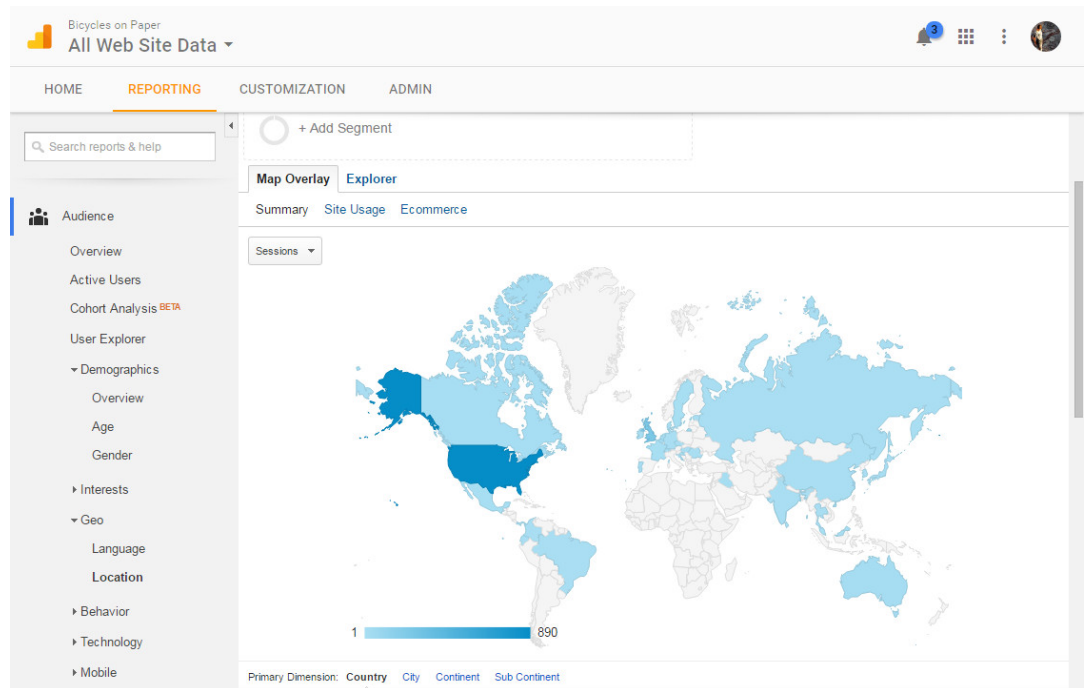
# Assessing the Exhibit

Tools include Google Analytics

- Built in to WordPress
- Accessible for any website

User feedback

- Email, phone, in person
- Requests for information
- Build in a contact form
- Contributions of knowledge





# Looking Forward

- How can we continue to innovate?
- Crowdsourcing
- Other departments' contributions
- Layers of knowledge
  - GIS
  - Data, multimedia, images, collections.



# Additional Resources

- Digital Exhibits at Northwestern:  
<http://www.library.northwestern.edu/libraries-collections/university-archives/digital-exhibits.html>
- Columbia University Copyright office: <https://copyright.columbia.edu/>
- National Association for Museum Exhibition (NAME): <http://name-aam.org/>
- Creating Online Exhibits – Lourdes Santamaria-Wheeler:  
[http://ufdcimages.uflib.ufl.edu/AA/00/02/27/88/00001/creating\\_online\\_exhibits\\_TBLC.pdf](http://ufdcimages.uflib.ufl.edu/AA/00/02/27/88/00001/creating_online_exhibits_TBLC.pdf)
- Omeka: <https://omeka.org/>
- WordPress: <https://wordpress.com/>
- Canva: <https://www.canva.com/>
- Story Maps: <https://storymaps.arcgis.com/en/>