



S702

*Transforming Access and
Promotion through the
Digital Public Library of
America*



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OF AMERICA

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DPLAfest 2019 Programming Announced

Taking place in Chicago on April 17-18, 2019, DPLAfest will explore how libraries, archives, museums, and other cultural organizations across the country leverage technology to serve, inform, and empower communities.

[View sessions](#)

That's an increase of 2,939,446 records since 12/17/2018

Discovering Michigan: Creating A Statewide Digital Portal

Erik Nordberg, Interim Assistant Dean



(soon to be Dean of Libraries at Indiana University of Pennsylvania)

Situational Problems

- Michigan has no statewide digital repository.
- Individual institutions have limited staff capacity, particularly for digital projects.
- Most individual institution's are not yet working with DPLA.
- Primary source materials lack discovery and access points.
- Detroit's historic ethnic, racial, and gender identity groups have diminished digital profile locally, regionally, nationally.

Solution: Discovering Michigan History

A two-year project, funded by the Library of Michigan through its Library Services and Technology Act (LSTA) grant program. Total award: \$1,677,000



Catalyst Collections

- Three Catalyst Collections
- Focused on Detroit Under-represented Communities



Statewide Digital Portal

- Michigan Memories Digital Content
- Include Michigan DPLA Metadata



Educational Tools

- Pilot new pathways for educational use
- Primary Source Sets
- Teachers
- K-12
- Adults



Phase I: Conversion, Description and Ingest of Catalyst Collections

■ Sample Collection #1: **Housewives League of Detroit**, 1930-1971 (8.1 linear feet)

Institution: Burton Historical Collection, Detroit Public Library
Digital Platform: Islandora
Scope and Content: Membership organization encouraging support of African American businesses. Includes membership lists, meeting minutes, and printed materials.

■ Sample Collection #2: **LGBT Detroit Records**, 1993-2016 (1.5 linear feet)

Institution: Walter P. Reuther Library, Wayne State University (gift of LGBT Detroit)
Digital Platform: Fedora Commons
Scope and Content: Records of several organizations supporting Detroit's African American LGBT community. Includes membership lists, meeting minutes, and printed materials.

■ Sample Collection #3: **Arab Americans and Automobile: Voices from the Factory**, 1999-2000 (0.5 linear Feet)

Institution: Arab American National Museum Archives
Digital Platform: Digital Commons
Scope and Content: Materials produced during an oral history project engaging Arab American automobile factory workers includes audio recordings, transcripts, and a draft book manuscript describing the project.



Phase II: Creation of Statewide Digital Portal

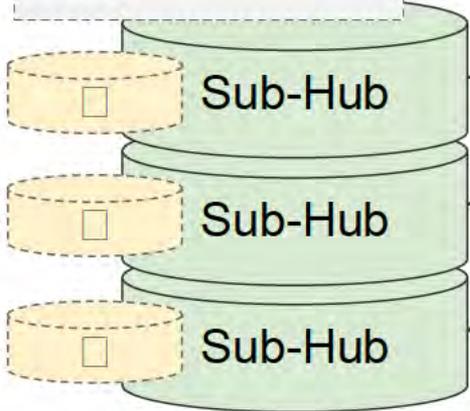


<https://michmemories.org/>

Michigan Memories State Portal

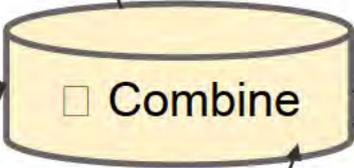


1
A sub-hub aggregates metadata from institutions in its region. May or may not use Combine instance.



5
Subset -- most, but not all -- of aggregated state Records are harvested by DPLA

2
All sub-hubs are harvested by central Combine instance

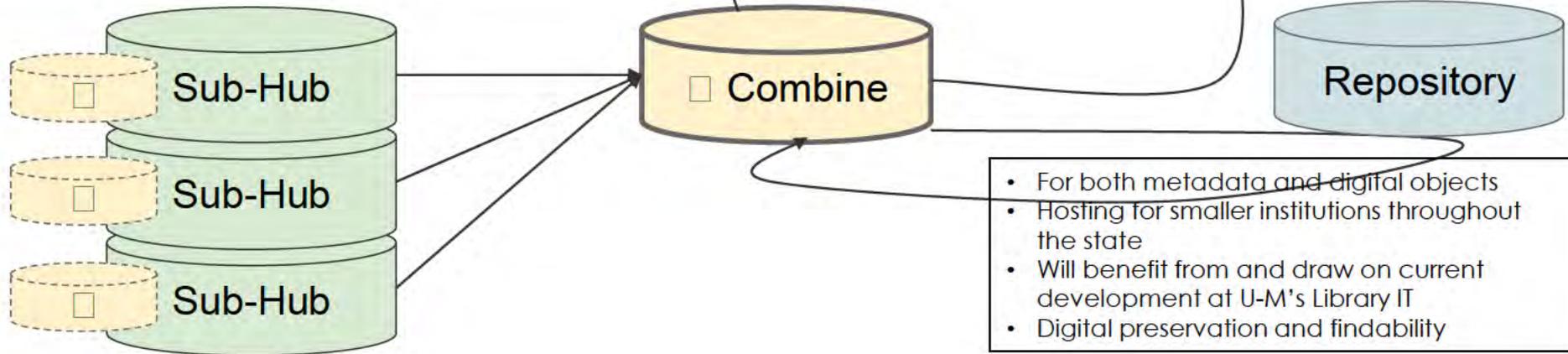


3
Transformations and validations are applied, records are merged and published

4
All aggregated state Records are harvested from Combine, made available through state portal

Current infrastructure (enables aggregation but not preservation)

Michigan Memories State Portal



Future infrastructure



Phase III: Development and Testing of Educational Tools

- For each collection:
 - Primary Source Set, Teacher Educational Module, K-12 Curriculum Module, Adult Educational Tools
- Incentives for Pilot Implementation of Tools
- Educational Partners:
 - James Cameron, Michigan Department of Education
 - Stan Masters, Lenawee Intermediate School District
 - Carol Bacak-Egbo, Oakland University School of Education



DPLA Wisconsin Service Hub: Building Capacity to Engage Digital Projects

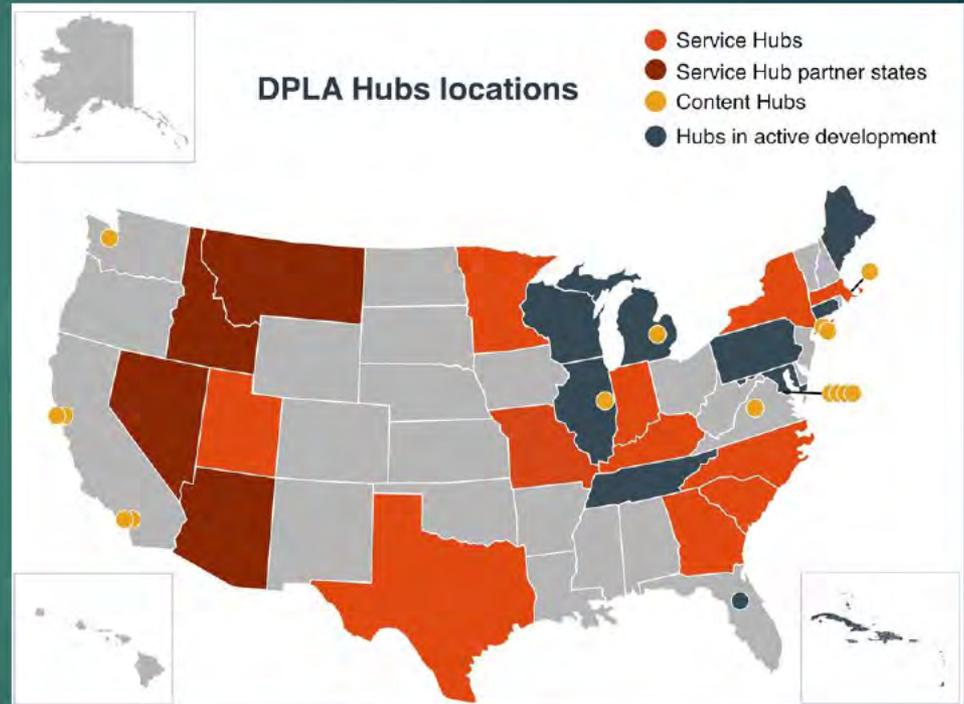
AMY COOPER CARY

HEAD OF SPECIAL COLLECTIONS AND UNIVERSITY ARCHIVES, MARQUETTE UNIVERSITY

RECOLLECTION WISCONSIN DPLA STEERING COMMITTEE MEMBER

CCDC PROFESSIONAL MENTOR

Recollection Wisconsin DPLA Service Hub



recollection



W I S C O N S I N

One of the largest service hubs in the country
Initial ingest: 375,000 records from 184 digital collections
Current contributions: 509,749 records to DPLA from 209 repositories

Governing Partners

Provide Project management, fiscal support and funding administration, metadata harvesting, content hosting, digitization consulting, governance, and outreach for the project.

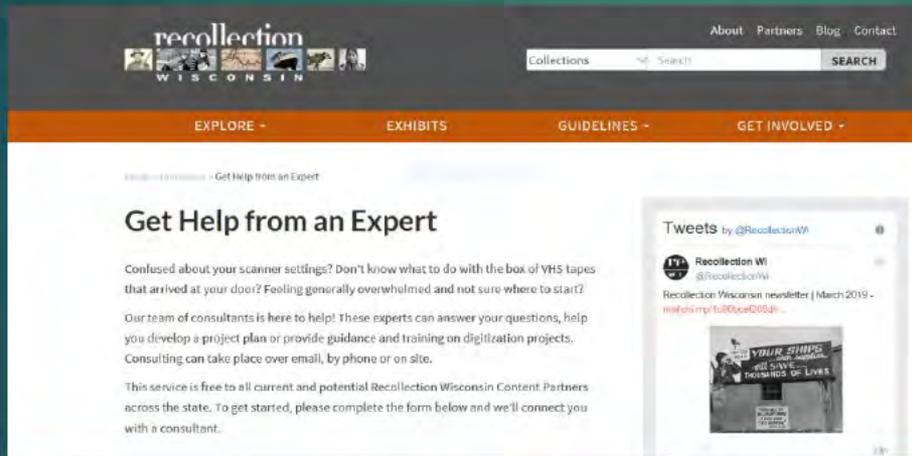


Building Capacity

▶ Digitization Consulting Service

- ▶ Consultation instead of training

▶ Curating Community Digital Collections (CCDC)



The screenshot shows the Recollection Wisconsin website. At the top, there is a navigation bar with the logo 'recollection WISCONSIN' on the left and links for 'About', 'Partners', 'Blog', and 'Contact' on the right. Below the navigation bar is a search bar with the text 'Collections' and a 'SEARCH' button. A secondary navigation bar contains links for 'EXPLORE', 'EXHIBITS', 'GUIDELINES', and 'GET INVOLVED'. The main content area features a heading 'Get Help from an Expert' and a sub-heading 'Get Help from an Expert'. The text below the heading reads: 'Confused about your scanner settings? Don't know what to do with the box of VHS tapes that arrived at your door? Feeling generally overwhelmed and not sure where to start? Our team of consultants is here to help! These experts can answer your questions, help you develop a project plan or provide guidance and training on digitization projects. Consulting can take place over email, by phone or on site. This service is free to all current and potential Recollection Wisconsin Content Partners across the state. To get started, please complete the form below and we'll connect you with a consultant.' To the right of the text is a tweet from @RecollectionWI, dated March 2019, which includes a link to a newsletter and a thumbnail image of a newspaper clipping with the headline 'YOUR SHIRTS... WE SAVE THOUSANDS OF LIVES!'.



RESOURCES

- ▶ DPLA: <https://dp.la/>
- ▶ Recollection Wisconsin: <https://recollectionwisconsin.org/>
- ▶ Recollection Wisconsin Consulting: <https://recollectionwisconsin.org/guidelines/consulting>
- ▶ Curating Community Digital Collections: <https://recollectionwisconsin.org/digipres>
- ▶ Digital Projects Toolkit: <https://recollectionwisconsin.org/toolkit>
- ▶ CCDC 2018 Resources: <https://recollectionwisconsin.org/digipres/2018resources>

Questions?

CONTACT: amy.cary@marquette.edu

Transforming Access and Promotion through the Digital Public Library of America

Molly Huber
Outreach Coordinator, Minnesota Digital Library
April 6th, 2019

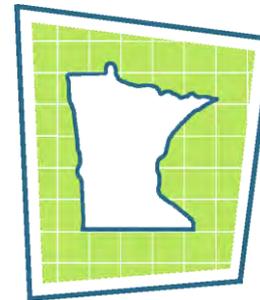
The Minnesota Digital Library (MDL)

The screenshot shows the homepage of the Minnesota Digital Library (MDL). At the top is a navigation bar with the MDL logo and links for ABOUT, GET INVOLVED, PROJECTS, STANDARDS & BEST PRACTICES, and POLICIES. Below the navigation bar is a featured banner for "Primary Source Sets Now Available," which includes a photograph of a historical scene and text explaining that these sets are curated collections of primary sources from Minnesota Reflections, designed to help students develop critical thinking skills. Below the banner are three main content sections: "MDL News" with a list of recent contributions and news items; "MDL Contributing Organizations" featuring a map of Minnesota with numbered location markers; and "Latest Tweets" showing a tweet from the MN Digital Library (@MNDigiLib) with an embedded image of a historical photograph. At the bottom of the page are three columns: "Quick Links" with icons for Home, About MDL, Get Involved, Projects, and Standards & Best Practices; "Follow Us" with social media icons for Facebook and Twitter and the text "Stay Connected"; and "Contact Us" with the address: Minnesota Digital Library, University of Minnesota, Wilson Library, Room 607, 309 19th Avenue South, Minneapolis, MN 55455.

The Minnesota Digital Library (MDL)

History

- Founded as consortium in 2004
- Minnesota Reflections
- Grant-funded



Now

- Administratively housed at the University of Minnesota
- Many projects
- Primarily Legacy-funded



Minnesota Reflections

Images only at first, now many types of objects

190 organizational contributors

More than 52,000 unique items

Just under 275,000 digitized individual objects

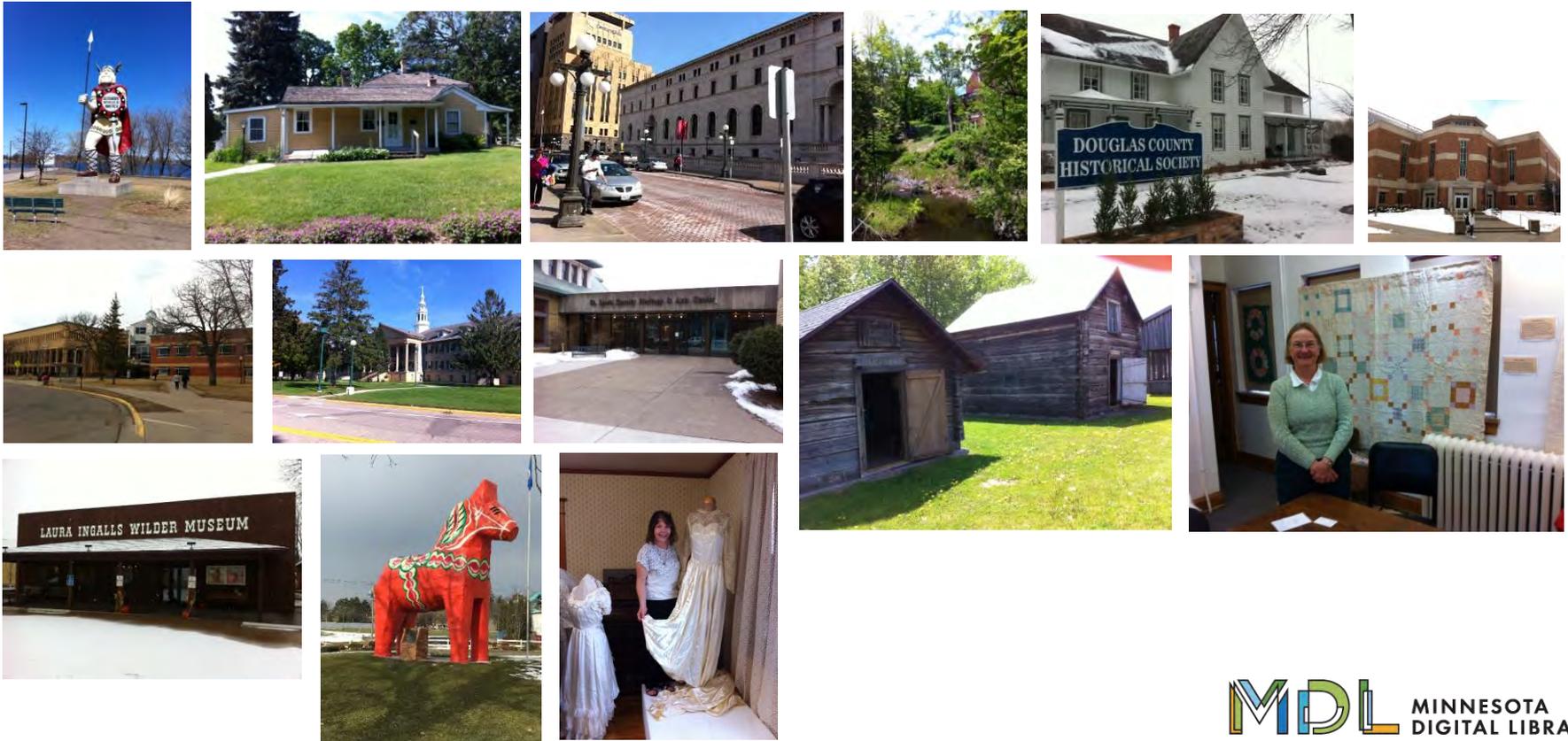
Initial service hub for DPLA



Minnesota Reflections

The screenshot displays the Minnesota Reflections website interface. At the top left is the logo, which consists of a stylized 'M' made of three colored shapes (green, blue, orange) and the text 'MINNESOTA REFLECTIONS'. Below the logo is a search bar with the placeholder text 'Search...' and a blue 'Search' button with a magnifying glass icon. Underneath the search bar, a line of text reads: 'Browse all 52,678 items from 189 historical societies, libraries, archives, and cultural organizations across Minnesota'. Below this are three main navigation categories, each with a title and a representative image: 'Browse by Topic' with a photo of a group of people in a library or store; 'Browse by Contributor' with a photo of a group of people in a park; and 'Browse by Format' with a map of Lake of the Isles. At the bottom of the interface is a map of the Minneapolis area, showing several blue location pins clustered around the city center, with labels for 'Elbow Lake', 'Long Prairie', and 'Alpharetta'.

So how does an organization contribute?



Current Process-Minnesota Reflections

Meet with Outreach Coordinator

Application

Selection Committee

Digitization

Metadata

Publication

Contribute to Minnesota Reflections

More than 177 organizations from across the state of Minnesota have joined in the creation of [Minnesota Reflections](#). Organizations review their collections of historical photographs, negatives, artwork, handwritten documents, maps, and other materials to see which is of the most value to them, their public, and people across the state and beyond. They also determine if they have time and personnel, either staff or volunteers, to complete a digitization project.

How Contributing Works

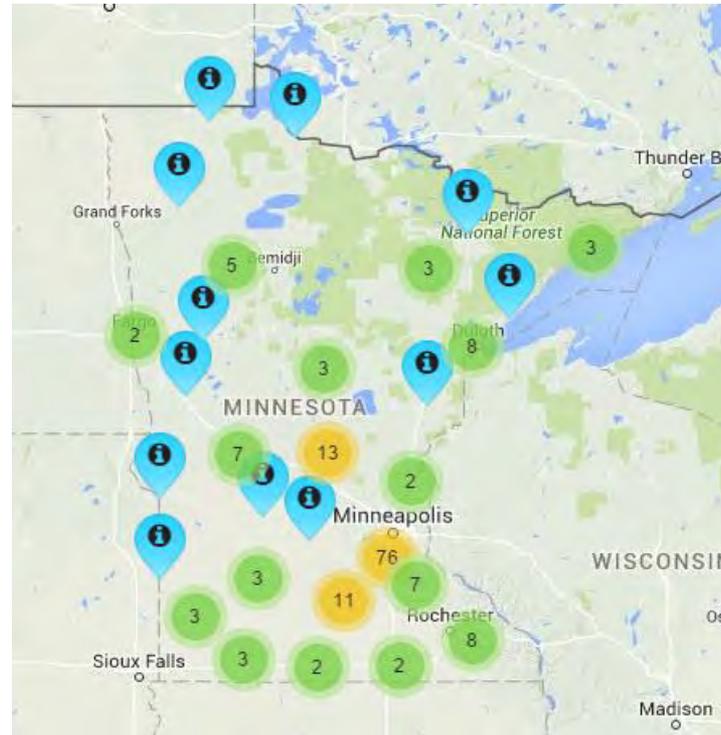
If the answer is yes, organizations shape a project selected from their available materials and [submit an application](#) to have their projects included in Minnesota Reflections. The Minnesota Digital Library pays for the cost of having professionals scan the original objects according to well-established and very high standards. Copies of these digital master files are given to the contributing organization.

Once a project is scanned, the organization completes a spreadsheet to describe the items digitized so that they are findable online. The time it takes to compile and complete this information is the organizations' in-kind contribution to Minnesota Reflections. Once this metadata is finished, the project is added to the [Minnesota Reflections](#) database and is available through the website.

Thank You!

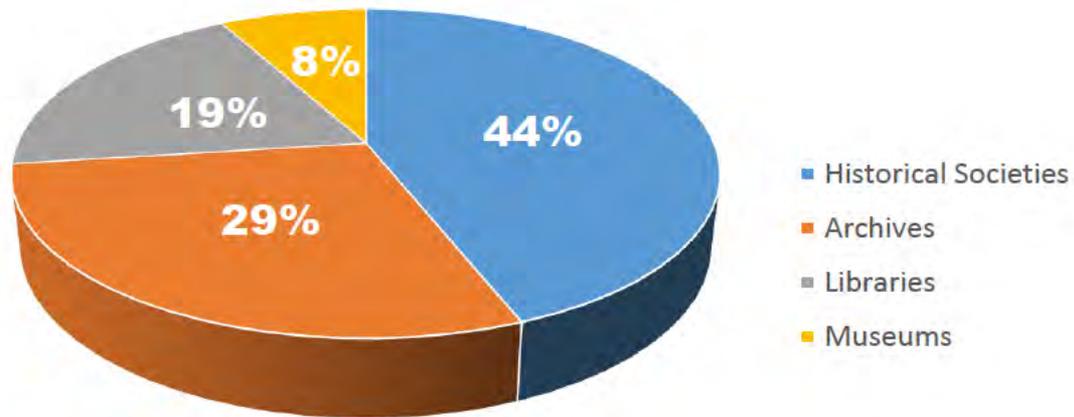
We are grateful to all of the contributors to Minnesota Reflections, past, present, and future. By working with the Minnesota Digital Library and sharing their unique cultural resources with Minnesota Reflections, and through that collection with the larger world, these organizations are helping to tell the rich history of our state in an accessible way.

Geographic Distribution



Types of Organizations

Contributing Organization Types



A Contributor's Story

The following post reflects Patricia Maus's experience as the representative of a contributing institution to the Minnesota Digital Library, a DPLA service hub.

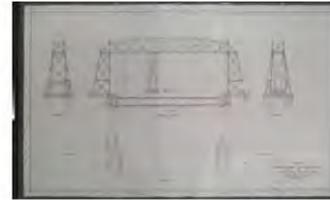
In 2004, I immediately accepted the [Minnesota Digital Library \(MDL\)](#) first-round invitation to digitize 750 photographs held in the collections at University of Minnesota Duluth, Kathryn A. Martin Library. No arm twisting was required. Photographs are always needed by researchers, and providing access to and copies of photographs always swallows up an archivist's time. My time investment up-front would result in digitally accessible resources, eliminating researchers' travel and replacing their collection guesswork with precision. Researchers view digital items and readily determine if they are germane to their work. This was an initial step away from full-serve to self-serve.

Leap forward to [MDL holdings scooped into DPLA](#) in 2013. For me, nearly 3,500 items and multi-paged documents (including [original architectural drawings of the 1904 aerial bridge](#)—the first of two [such bridges](#) on the planet) were immediately self-serve and more widely accessible to a greater audience.



Aerial Lift Bridge: Night view, Duluth, Minnesota, ca.1965. Gallagher, Louis P., 1875-1945. University of Minnesota Duluth, Kathryn A. Martin Library, Northeast Minnesota Historical Center Collections.

person's convenience—is the DPLA advantage [in a nutshell](#) (does anyone say that anymore?). The DPLA extends my archives' reach to a world-wide swath of educators, students, and the public who cannot or will not travel to Duluth. The DPLA is energy efficient!



Aerial Bridge: Design for Suspended Car Transfer Over Ship Canal, Duluth, Minnesota, 1901-02. Turner, C.A.P. (Claude). University of Minnesota Duluth, Kathryn A. Martin Library, Northeast Minnesota Historical Center Collections.

In 2011, the University of Minnesota Duluth adjusted its [campus goals](#) to a focus on quality undergraduate education, which resulted in me “burning” two bridges that did not lead to academic research. First, since the DPLA's launch, I have deliberately redirected genealogists and casual archives users to two resources. I say something like “You are so fortunate” or “I am so pleased to offer a [remarkable](#) new resource...” I redirect local people first to our excellent [local public libraries](#). Second, I redirect locals and everyone else to the DPLA. People express their enthusiasm! I am thrilled! People who simply want to browse photographs (for fun) can do so for hours (for days!) without me having to transport a single box to the archives' reading room and allow me to focus my energies on the UMD campus goal.

Let me set the quaint scene for you. The city of [Duluth](#)—a gem in beauty and quality—is [located](#) at the western-most tip of Lake Superior, a reasonable distance from nearly all [traffic routes](#). People must deliberately go out of their way to come to Duluth. This distance is a hindrance that has been practically eliminated with the DPLA. People's expectations of electronic access to resources every minute of every day—at the

Another Path to DPLA

Provides path for sharing with DPLA outside of Minnesota Reflections as well, for larger organizations with significant collections.

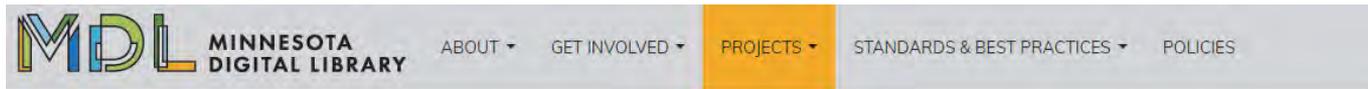
- University of Minnesota Libraries
- Minnesota Historical Society
- Minnesota Public Radio
- College of St. Benedict's/St. John's University
- Hennepin County Library
- Carleton College
- Northfield History Collaborative
- Minneapolis Institute of Art
- Cooperating Libraries in Consortium (CLIC)
- Digital Library of South Dakota

The Minnesota Digital Library (MDL)

Browse by Partner

National Archives and Records Administration	12,974,419	Smithsonian Institution	3,280,901
HathiTrust	2,836,982	The New York Public Library	2,048,825
California Digital Library	1,249,392	The Portal to Texas History	1,238,580
University of Southern California Libraries	1,207,408	Mountain West Digital Library	1,082,711
Digital Commonwealth	691,006	Digital Library of Georgia	640,708
Minnesota Digital Library	621,464	Internet Archive	554,617
Recollection Wisconsin	509,749	Empire State Digital Network	443,200
North Carolina Digital Heritage Center	416,383	PA Digital	390,194
Indiana Memory	330,707	Illinois Digital Heritage Hub	310,239
Michigan Service Hub	270,215	Biodiversity Heritage Library	227,914
Sunshine State Digital Network	204,864	South Carolina Digital Library	200,615
United States Government Publishing Office (GPO)	188,130	Plains to Peaks Collective	181,001
Missouri Hub	169,836	University of Washington	141,873

Minnesota's Immigrants



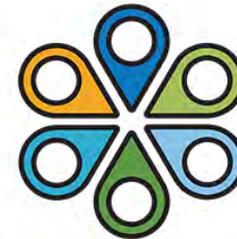
[Home](#) / [Projects](#) / Minnesota's Immigrants

Minnesota's Immigrants

[Minnesota's Immigrants](#) is a collaborative project that finds the Minnesota Digital Library (MDL) and the Digital Public Library of America (DPLA) collaborating with cultural organizations throughout the state to capture and expose the myriad stories of the citizens who make up this great state and call Minnesota home.

Minnesota has a long tradition of immigration to the state. The Ojibwe and Dakota people, the largest American Indian tribes living in Minnesota in the early and mid-19th century, were joined by an influx of European émigrés settling in Minnesota in the 19th and early 20th centuries. Immigration continues today, more recently with the Hmong, Somali, Korean, and Latino entrants to the state. In sharing these immigrant stories, told through their own voices, the MDL and the DPLA seek to share with the world a broader view of what it means to be Minnesotan.

This initiative has gathered and digitized oral histories from organizations across the state. These existing materials have been coupled with newly created stories that best document the rich tradition of immigration to this state. This project weaves together these audio and video histories into a single space where these stories can be gathered, saved, and shared in an openly and freely accessible manner.



**MINNESOTA'S
IMMIGRANTS**



Minnesota's Immigrants (immigrants.mndigital.org)

The screenshot shows the homepage of the Minnesota's Immigrants website. At the top, there is a navigation bar with the site's logo, a search box, and menu items for Home, Browse By, Partners, and About this Project. The main content area features a featured article titled 'Hmong Oral History Project' with a portrait of a man and a brief description. Below this are two columns: 'OUR PARTNERS' listing various research centers and archives, and 'FROM THE COLLECTIONS' featuring an interview with Olga Viso. At the bottom, there is a footer with logos for the Digital Public Library of America, the National Endowment for the Humanities, and the Knight Foundation.

Explore the stories of the people who have immigrated to Minnesota.

Minnesota's Immigrants

Home Browse By Partners About this Project

Search this site

Hmong Oral History Project

This project interviews historically significant Hmong figures in the community and helps to...



OUR PARTNERS

- American Swedish Institute
- Center for Hmong Studies, Concordia University - St. Paul
- Immigration History Research Center
- Immigration History Research Center Archives
- Iron Range Research Center
- Minnesota Historical Society
- Nathan and Theresa Berman Upper Midwest Jewish Archives

FROM THE COLLECTIONS

Interview with Olga Viso

Olga Viso was born in Melbourne, Florida. She attended Rollins College in Winter Park, Florida as an art...

Partner

Minnesota Historical Society

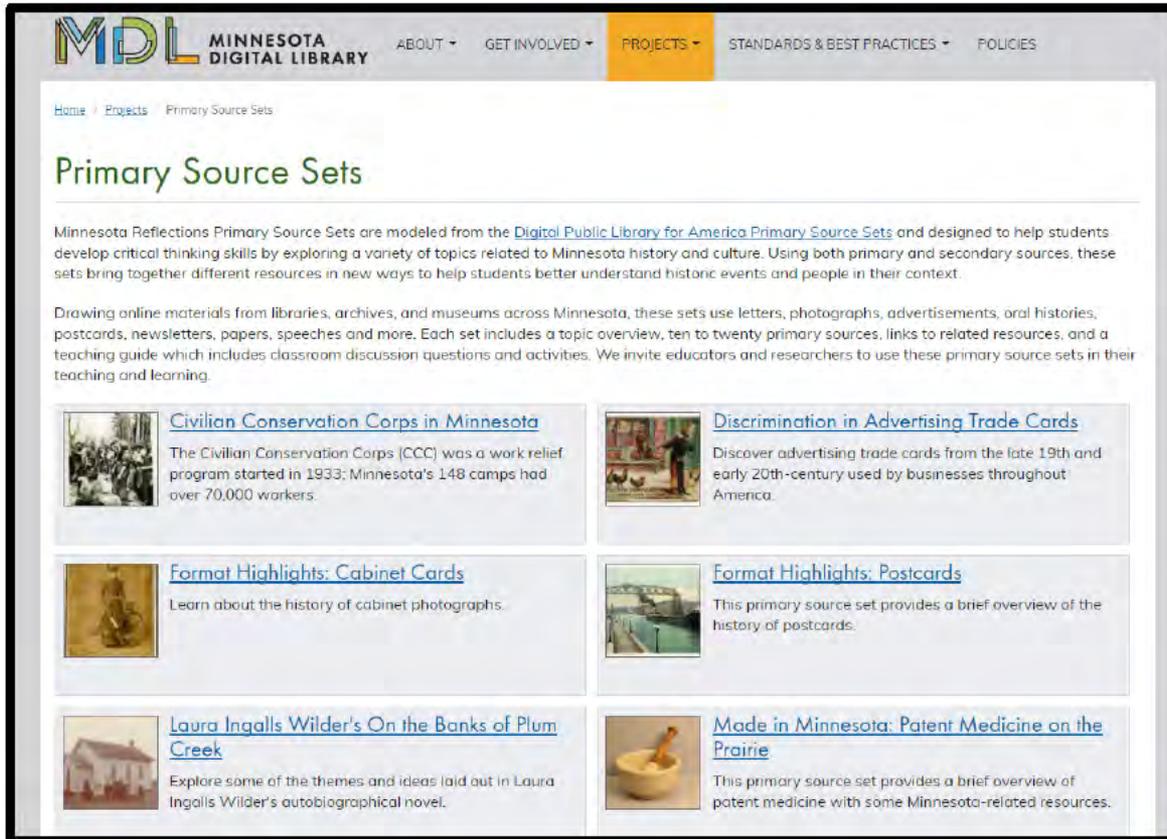
[View Record >](#)

D P L A DIGITAL PUBLIC LIBRARY OF AMERICA

NATIONAL ENDOWMENT FOR THE HUMANITIES

Knight Foundation

Minnesota Reflections Primary Source Sets



The screenshot shows the Minnesota Digital Library (MDL) website. The header includes the MDL logo and navigation links: ABOUT, GET INVOLVED, PROJECTS (highlighted in orange), STANDARDS & BEST PRACTICES, and POLICIES. Below the header is a breadcrumb trail: Home / Projects / Primary Source Sets. The main heading is "Primary Source Sets".

Minnesota Reflections Primary Source Sets are modeled from the [Digital Public Library for America Primary Source Sets](#) and designed to help students develop critical thinking skills by exploring a variety of topics related to Minnesota history and culture. Using both primary and secondary sources, these sets bring together different resources in new ways to help students better understand historic events and people in their context.

Drawing online materials from libraries, archives, and museums across Minnesota, these sets use letters, photographs, advertisements, oral histories, postcards, newsletters, papers, speeches and more. Each set includes a topic overview, ten to twenty primary sources, links to related resources, and a teaching guide which includes classroom discussion questions and activities. We invite educators and researchers to use these primary source sets in their teaching and learning.

The page features six source set cards, each with a representative image, a title, and a brief description:

- Civilian Conservation Corps in Minnesota**: The Civilian Conservation Corps (CCC) was a work relief program started in 1933; Minnesota's 148 camps had over 70,000 workers.
- Discrimination in Advertising Trade Cards**: Discover advertising trade cards from the late 19th and early 20th-century used by businesses throughout America.
- Format Highlights: Cabinet Cards**: Learn about the history of cabinet photographs.
- Format Highlights: Postcards**: This primary source set provides a brief overview of the history of postcards.
- Laura Ingalls Wilder's On the Banks of Plum Creek**: Explore some of the themes and ideas laid out in Laura Ingalls Wilder's autobiographical novel.
- Made in Minnesota: Patent Medicine on the Prairie**: This primary source set provides a brief overview of patent medicine with some Minnesota-related resources.

What is a Primary Source Set?

Primary source sets are curated collections of primary source materials.

They provide a topic overview, links to primary source materials, and links to additional resources.

Primary Source Sets are designed to help students understand primary sources and use them with confidence, as well as develop critical thinking skills.

Primary Sources Sets are designed to help teachers use primary sources in the classroom and in their teaching.



Image courtesy of St. Cloud State University.

What makes up a Primary Source Set?

Topic overview

Single block of text

Selection of items from Minnesota Reflections

ELM (Electronic Library for Minnesota)

Selection of articles and online resources for students and teachers to learn more about topic

Additional Resources for Research

Online and print resources

Teaching Guide:

- Primary Source Analysis (same for every Primary Source Set)
- Discussion Questions – open ended questions to add classroom discussion and collaboration
- Classroom Activities



Image courtesy of University of Minnesota Duluth, NEMHC Collections.

Current Titles

- Civilian Conservation Corps in Minnesota
- Discrimination in Advertising Trade Cards
- Excelsior Amusement Park
- Format Highlights: Cabinet Cards
- Format Highlights: Postcards
- Laura Ingalls Wilder's *On the Banks of Plum Creek*
- Made in MN: Patent Medicine on the Prairie
- Mechanization of Farming in Minnesota
- Mining on the Iron Range
- Minneapolis Teamsters Strike of 1934
- Morgan Park: U.S. Steel's Company Town in Duluth
- Motion Picture Theaters in Minnesota
- Motion Picture Theaters in Minnesota
- Natural Disasters in Minnesota
- Seth Eastman: Depictions of Native American Life
- Sinclair Lewis's *Main Street*
- St. Anthony Falls
- Temperance to Prohibition
- Traveling Library Services in Minnesota
- Whaleback Boats on the Great Lakes
- World War I on the Minnesota Home Front



Benefits of Participation

What has partnering with DPLA brought to the Minnesota Digital Library and our contributors?

- Larger reach
- Broader context
- Grant opportunities
- New partnerships

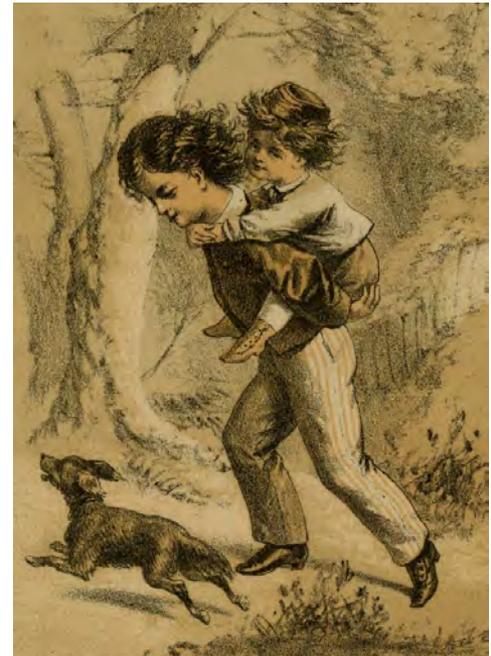


Image courtesy of the Hennepin County Public Library



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