

OREGON'S DIGITAL COLLECTIONS

PART I: ENVIRONMENTAL SCAN OF EXISTING PROJECTS AND MODELS FOR STATEWIDE COLLABORATION

P R E P A R E D F O R :

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INTRODUCTION

PURPOSE AND BACKGROUND

The Oregon State Library (OSL) administers funds under the Library Services and Technology Act (LSTA) State Grant Program. This federal program is administered by the Institute of Museum and Library Services (IMLS). The program provides funding in support of statewide initiatives and services and competitive grants to legally established libraries, or non-profit entities serving libraries.

The Oregon State Library's (OSL) administration of LSTA funds is guided by the Library Services and Technology Act (LSTA) 5-year plan, and monitored by the LSTA Advisory Council on behalf of the OSL Board of Trustees. The current 5-year plan outlines a specific goal to promote the use of technology to increase capacity to provide library services and expand access to collections. Activities encouraged to meet this goal include collaborative digitization and preservation and increasing capacity by centralization of digitization services.

In recent years, the Oregon LSTA Advisory Council has recommended that the Board fund more and more grants for digital projects. In its discussions, the Council has been concerned about how to prioritize projects, what kind of metadata and access standards should be recommended, and how collaboration can be encouraged to take advantage of economies of scale. During their September 13, 2012 meeting, the Council discussed the need for more specific grant guidelines and best practices regarding digital collection projects. The Council desired a formal report on current and potential models for projects in the state and region in order to allocate LSTA funding for maximum effect.

This environmental scan lays the groundwork for that report. It will review existing collaborative projects and a selection of existing digital projects in Oregon, identifying the governance model used, adherence to metadata and digitization guidelines, and conformance to standards for access and dissemination. In addition, this environmental scan will review models for statewide and multistate collaborative digital projects.

NOTE ON TERMINOLOGY

Many terms used in this environmental scan are of technical origin and many not be familiar to the average reader. A complete glossary and list of common systems used for management of digital collections is included as Appendix 1, but a few key terms will be highlighted here.

- *Metadata:* Structured information that describes, explains, locates, and otherwise makes it easier to retrieve and use an information resource.
- *Dublin Core:* A set of metadata elements created to facilitate the discovery of electronic resources, maintained by the Dublin Core Metadata Initiative (DCMI). The Dublin Core Element Set consists of the original 15 core elements developed for use with HTML and has been defined in ANSI/NISO Standard Z39.85-2012 and ISO standard 15836:2009.
- *Digital Asset Management System:* A software system, frequently in the form of a database, used to organize and process digital assets like images, documents, and audio and video files. See attached list of common systems.
- *Institutional Repository:* Software and associated tools used to capture, structure, provide access to, and preserve digital materials produced by an organization or community. See attached list of common systems.

- *OAI-PMH*: The Open Archives Initiative's Protocol for Metadata Harvesting, an application-independent interoperability framework based on metadata harvesting, maintained by the Open Archives Initiative.

OREGON LIBRARY SYSTEMS AND TECHNOLOGY ACT FIVE-YEAR PLAN

The current Library Systems and Technology Act Five-Year Plan for Oregon was adopted in 2012 for the period 2013-2017. The previous five-year plan was evaluated by Nancy Bolt and Associates in 2012, and the data collected for that evaluation bear on the Council's desire for more specific grant guidelines and best practices regarding digital collection projects. For the plan in effect for 2008-2012, the Oregon State Library LSTA Council had identified the following targets related specifically to digitization in Goal 5, "Using Technology":

Target:	Planning and conducting "Digital Summit"
Target Amount	
2008:	
2009:	
2010:	conduct summit in 2010 (shelved)
2011:	Not done - lack of staff time
2012:	
Methodology:	OSL to investigate coop with BCR, and outsource this with adopting of BCR standard statewide
Target:	Adoption of a set of Oregon library community standards for digitization projects
Target Amount	
2008:	
2009:	
2010:	Awarded FFY2010 grant to OSU for portal to bring Oregon digital collections together
2011:	Digitization guidelines added to 2013 LSTA grant packet
2012:	
Methodology:	OSL to investigate coop with BCR, and outsource this with adopting of BCR standard statewide
Target:	Development of priority list of collections resources that are candidates for digitization as a planning tool
Target Amount	
2008:	
2009:	FFY09 UO collaborative collection dev. for archives
2010:	Have disseminated report from FFY09 grant on archives
2011:	No progress
2012:	
Methodology:	OSL to investigate coop with BCR, and outsource this with adopting of BCR standard statewide
Target:	Awarding of subgrant(s) that enable libraries to participate in open-source projects such as LibraryFind and Plinkit
Target Amount	At least two subgrants awarded during 2008 – 2012
2008:	
2009:	

- 2010:
2011: Oregon State University - Oregon Digital Library Portal
2012:

Methodology:

Some of the reason for the missed targets lies in the plan for the Oregon State Library to work collaboratively with BCR. In 2010, BCR merged with LYRASIS, and the transition was difficult for many institutions. Although the Collaborative Digitization Program (CDP) standards and guidelines maintained by BCR remained useful, it was difficult to find them after they were moved to the LYRASIS website, and the BCR staff that were retained by LYRASIS were assigned new roles and responsibilities.

The missed targets from the previous plan should not ultimately affect the 2013-2017 Five-Year Plan. Adoption of best practices for digitization and metadata can, in fact, be more easily adopted in 2013 than in 2008 due to development of national standards efforts and collaborative digitization projects. Whenever possible, the targets from the previous plan should be included in the current five-year plan.

The 2013-2017 Five-Year Plan already reflects an increased interest in digitization. The goals and strategies relevant to digitization are listed here, although in some cases, specific activities and evaluation methods have been added. Recommended additions are indicated by underlined text.

GOAL #1: PROVIDE ACCESS TO INFORMATION RESOURCES AND LIBRARY SERVICES

Issues Addressed:

- Unserved population
- Delivering quality library services to Oregonians in sparsely-populated areas
- Need for citizens to interact with their government online

LSTA Purposes:

- Expand services for learning and access to information and educational resources in a variety of formats, in all types of libraries, for individuals of all ages in order to support such individuals' needs for education, lifelong learning, workforce development, and digital literacy skills

Outcomes:

- Libraries expand access to multimedia material
- Libraries partner with each other to create programming or information resources
- Libraries partner with community organizations to create programming or information resources

Activities:

- Ideas for competitive grants:
 - Digitization of important historical information.

Evaluation:

- Grants will require participant surveys for outreach programs and ask for user satisfaction surveys for LSTA-funded online resources as feasible.
- Recipients of grants with digitization components will be asked to complete a post-grant report indicating what percentage of materials digitized met state or national best practice recommendations for digitization and metadata.

GOAL #2: USE TECHNOLOGY TO INCREASE CAPACITY TO PROVIDE LIBRARY SERVICES AND EXPAND ACCESS

Issues Addressed:

- Delivering quality library services to Oregonians in sparsely-populated areas
- Unserved population
- Institutional barriers to cooperation
- Knowing how to help patrons with new technologies and implement them in a library setting

LSTA Purposes:

- Expand services for learning and access to information and educational resources in a variety of formats, in all types of libraries, for individuals of all ages in order to support such individuals' needs for education, lifelong learning, workforce development, and digital literacy skills
- Establish or enhance electronic and other linkages and improved coordination among and between libraries and entities for the purpose of improving the quality of and access to library and information services
- Develop library services that provide all users access to information through local, state, regional, national, and international collaborations and networks

Outcomes:

- Libraries create efficient ways to share resources to extend library services to Oregonians
- Libraries create efficient ways to share information resources
- Patrons can access information – libraries make available information resources across multiple platforms
- Technology increases use and accessibility of library services

Activities:

- Ideas for competitive grants:
 - Digital library on a large scale
 - Open-source digital library software
 - Collaborative digitization and preservation
 - Increasing capacity by centralization of digitization services

Evaluation:

- Grant applicants will report current usage of archival materials prior to digitization as part of their application and would provide a one-year follow-up report on usage of archival materials following digitization
- Metadata from existing digital library projects will be reused in additional collaborative projects on a state, regional, or national scale

GOAL #3: DEVELOP A CULTURE IN LIBRARIES THAT PROMOTES EDUCATION AND USE OF EVALUATION RESULTS

Issues Addressed:

- Library services and benefits are not widely known or understood by our communities
- Changing library services to match the changing information needs of our communities

LSTA Purposes:

- Provide training and professional development, including continuing education, to enhance the skills of the current library workforce and leadership, and advance the delivery of library and information services

Outcomes:

- Create learning opportunities for library staff that provide training in assessing the value of services including financial viability, community needs assessment, or other evaluation that furthers the ability of libraries and librarians to better serve their respective communities
- Libraries establish a process to assess community needs
- Libraries evaluate and prioritize services by community needs and financial viability

Activities:

- Ideas for competitive grants:
 - Training in outcomes based evaluation
 - Train library personnel in strategic planning and organizational development
 - Train library personnel in copyright and intellectual property to promote digitization based on fair use and donor agreements
 - Train library personnel in search engine optimization strategies and web analytics to gather necessary data on use of digital materials
 - Conduct focus groups with target users to determine satisfaction with current digital products and need for additional digitization
 - Develop methods for librarians and other cultural heritage professionals to share ideas and best practices. Suggestions include: email lists, regional or statewide meetings, common training sessions.

Evaluation:

- Grants and state projects will require post tests or surveys from trainings
- Usage of digital materials will be included in post-grant reports to compare usage pre- and post-digitization

GOAL #4: DEVELOP INFORMATION LITERACY SKILLS

Issues Addressed:

- Students and teachers not receiving information literacy instruction
- Lack of digital literacy instruction

LSTA Purposes:

- Expand services for learning and access to information and educational resources in a variety of formats, in all types of libraries, for individuals of all ages in order to support such individuals' needs for education, lifelong learning, workforce development, and digital literacy skills

Outcomes:

- Create programs for development of information literacy skills at all ages
- Libraries offer services for children and young adults that prepare them for lifelong success
- Libraries offer lifelong learning activities for Oregonians

Activities:

- Ideas for competitive grants:

- Library staff development, especially in using new technologies, teaching computer software
- Develop digital products targeted at children and young adults promoting reuse of digitized materials

Evaluation:

- For workshops sponsored by LSTA, the grant guidelines will require a pre- and post-test
- Re-use of digital products, including digitized historical materials, will be tracked and reported in post-grant reports

REVIEW OF PREVIOUS WORK

Many studies of the Oregon cultural heritage sector have been performed in the past ten years, though none of them looks exclusively at digital collections. Where appropriate, this environmental scan draws upon those reports and references their recommendations for collaboration and other strategic actions.

ORBIS CASCADE DIGITAL PROJECTS (2008)

In 2007-2009, staff at the Orbis Cascade Alliance conducted a needs assessment to determine member interest in and requirements for digital services provided by the Alliance. In the Fall of 2007, a Survey of Digitizing Initiatives revealed duplication of effort across institutions and structural funding issues that limited the sustainability of digitization efforts at member institutions. The specific recommendations outlined in the final report¹ include:

- “A clear mandate for search engine exposure of any digital content”
- “Very strong interest in pursuing preservation of reformatted and born digital materials as a consortium, including hosting for preservation and training in preservation topics”
- “Support for a joint institutional repository that integrates archives and special collections materials”
- “A notably strong preference for using or adapting existing best practices and guidelines for digital content rather than creating our own”
- “A desire to contract for and/or co-develop training in audio and moving images, overall digitization, preservation of both reformatted and born-digital materials, copyright and intellectual property issues, and metadata standards and applications with a number of possible vendors”
- “Strong support for scanning and reformatting services, closely following the desire for digital preservation services, with some demand for metadata services”

A pilot digital preservation service modeled on a service offered by the Colorado Association of Research Libraries (CARL) was offered to Orbis Cascade Alliance members in 2010-2012, but this pilot is scheduled to be discontinued due to unsatisfactory results and competing Alliance priorities. It does not appear that the Alliance ever adopted best practices for digitization or metadata.

ENVISIONING OREGON (2009)

In 2008, the Oregon State Library awarded an LSTA grant to the University of Oregon to engage in a planning process to create a plan for cooperative collection development activities among cultural heritage repositories in the State of Oregon. This process, which included a survey of repositories and two series of

¹ Allison-Bunnell, J. (2008, October 25). *Digital initiative planning: Institutional needs survey*. Eugene, OR: Orbis Cascade Alliance. Retrieved from http://www.orbiscascade.org/index/cms-filesystem-action?file=nwda/files/institutional_needs_survey_report_20081025.pdf

town hall meetings, resulted in specific recommendations for improving cooperative collection development and inter-repository collaboration:

- **Leadership** - Identifying and securing ongoing program leadership and advocacy.
- **Connections** - Connecting with repositories, local government records keepers, tribal governments, and under-represented communities.
- **Collection Analysis** - Analyzing existing collections to identify strengths and weaknesses and deciding on future documentation needs.
- **Collection Development Policies** - Assisting repositories to write/update and share collection development policies.
- **Training and Support** - Communicating systematically with repositories and providing them with training and support them.
- **Uniform Description** - Promoting access to records through basic arrangement, description, and publicizing of collections.
- **Networks and Shared Storage** - Planning and implementing cooperative archives research networks and regional collection storage centers

Although the *Envisioning Oregon* report focuses on physical collections, it also included some comments regarding digitization. One aspect of digitization not addressed in the Orbis Cascade Alliance needs assessment is the potential for digitization to bring together physically separate items and to reunify fragmented collections. Even more specifically, “Participants hoped that digitization would help repositories and researchers in eastern and central Oregon regain access to those portions of their history that currently reside in western Oregon’s repositories.”²

The *Envisioning Oregon* report includes an appendix with links to online resources for archives and collecting repositories. Unfortunately, many of the links are already out of date, including links to the project website. This illustrates the fragility of digital resources and the ongoing need for maintenance activities.

OREGON CONNECTING TO COLLECTIONS (2011)

In 2010, the Institute of Museum and Libraries Services awarded a *Connecting to Collections* Statewide Planning Grant to the Oregon Museums Association in partnership with the Northwest Archivists, Oregon Heritage Commission, Oregon Historical Society, Oregon Library Association, Oregon State Archives, Oregon State Library, and Tamástslikt Cultural Institute to perform a preservation needs assessment of Oregon collecting institutions. This needs assessment confirmed that Oregon institutions, and particularly institutions in rural areas of the state, faced significant challenges in planning for preservation of collections in their charge. In planning for further work to improve the capacity of collecting institutions, the project Steering Committee recommended focusing on the following elements:

- A coordinated, sustainable, and dynamic virtual resource for staff and volunteers to find specific information, consulting, training, and mentoring for the purposes of preserving Oregon’s heritage collections.
- Placement of computer technology particularly in the rural areas of the state where this technology is absent.
- Face-to-face technical assistance to install computers and to train largely volunteer staff to use the computers and the virtual resource.
- Network support for learning and sharing resources statewide and regionally.

² Carey, G. (2009, August). *Envisioning Oregon: Planning toward cooperative collection development in Oregon’s historical repositories*. Retrieved from <http://hdl.handle.net/1794/9792>.

- A governance structure and collaborative funding plan to implement and sustain an Oregon Heritage Preservation collaborative

The report that was prepared in 2011 offers appendices with Preservation Education Resources, including fee-based training, free online resources, websites and listservs, and mentoring and consulting services, and Preservation Funding Sources at the national, state, and local level.

In 2012, IMLS awarded a *Connecting to Collections* Statewide Implementation Grant to the Oregon Heritage Commission, in partnership with the Confederated Tribes of the Umatilla Reservation, the Oregon Historical Society, the Oregon Library Association, the Oregon Museums Association, the Oregon Secretary of State, and the Oregon State Library. In this project, which is ongoing, the project partners are offering preservation and preparedness trainings and developing regional mentoring networks, supported by online resources, in order to address three major issues challenging cultural heritage organizations in Oregon: collections care, collections management, and disaster preparedness. The trainings are being held in seven regions around the state, and at least three individuals in each region are being trained as mentors. This regional model, which also included regional technology support, offers a model for support for digital projects in the state.

OREGON HERITAGE (2011)

In addition to the *Connecting to Collections* project identified above, the Oregon Heritage Commission released a report in 2011 entitled *Oregon Heritage Vitality 2010: The Challenge of the Past for Oregonians Today and Tomorrow*.³ This report identified eight challenges facing Oregon cultural heritage institutions:

1. Unstable and inadequate government and private funding.
2. Little meaningful coordination and collaboration among heritage organizations and their communities.
3. The inability to measure and articulate the economic value of Oregon heritage.
4. Changing educational requirements have reduced the time and respect given history instruction in primary, secondary and higher education.
5. Shortage of people with the skills and knowledge to address issues of preservation, fund raising, leadership and technology.
6. Changing demographics and expectations, including developing new leadership.
7. Limited use of 21st century communications and advocacy strategies.
8. Uneven development and use of technology.

Interestingly, one of the findings of a survey of Oregon museums conducted in 2009 was that only 78 percent of the museums surveyed had websites, and only 28 percent of those institutions provided any kind of online access to their collections. In contrast, “64 percent of the archival organizations responding to the Heritage Assessment Survey said using digital technologies to expand awareness, support and effectiveness would be one of their most important issues during the next 10 years.”

Two projects identified as models, “Oregon Heritage Walking the Walk,” reflect the importance of digitization: a major photo digitization program at the Lane County Historical Society and Museum, and the Oregon Digital Newspaper Project based at the University of Oregon. In addition, a scanning center pilot at the Oregon State University Libraries (funded by an LSTA grant), which digitized materials from the Lincoln County Historical Society and the Columbia Gorge Discovery Center, is mentioned as a model cooperative technology project.

³ Oregon Heritage Commission, (2011). *Oregon heritage vitality 2010: The challenge of the past for Oregonians today and tomorrow*. Retrieved from website: <http://www.oregon.gov/oprd/HCD/OHC/pages/vitality.aspx>.

Many of the recommendations of the Oregon Heritage Vitality 2010 report require legislative action. However, three of the practical “Short-Term Steps You Can Take” that conclude the report speak to issues relevant to digitization of cultural heritage collections:

- Partner with other organizations, including arts, cultural, educational, tourism, humanities and economic development groups. Find ways to jointly solve challenges and promote heritage.
- Deliver history in a more compelling way that resonates with more people.
- Create a communications plan that effectively uses the print, electronic and digital media in your community.

CURRENT LEVEL OF DIGITAL PROJECT ACTIVITY IN OREGON

Unsurprisingly, given the importance attached to technology and the digitization of cultural heritage materials in the reports reviewed above, Oregon has a substantial history of digital projects. The earliest projects began in the late 1990s, shortly after widespread adoption of the World Wide Web. Oregon institutions have benefitted from grant funding at the state and national level, supporting innovative technology projects.

The digital projects themselves may be divided into two main classes: collaborative (with multiple institutions participating) and single-institution. In addition, there are several types of projects, ranging from collection processing and description (often by means of finding aids) to digitization. Although purely descriptive projects are included, this list of projects attempts to identify collections of digital objects, including photographs, publications, maps, audio, and video, with a minimum of access restrictions.

OVERVIEW OF GRANT FUNDING FOR DIGITAL PROJECTS, 2003-2013

Oregon has benefited from significant grant funding from a variety of sources, including the federal Institute of Museum and Library Services, both through IMLS' competitive grant programs⁴ and through the LSTA appropriation administered by the Oregon State Library⁵; the National Endowment for the Humanities⁶, the National Endowment for the Arts⁷, the National Historic Publications and Records Administration within the National Archives⁸, and by state funders such as the Oregon Heritage Commission⁹ and the Oregon Cultural Trust.¹⁰ Cumulatively, in the eleven-year period from 2003-2013, these sources have provided over \$6 million in support for digitization, development of finding aids, and digital projects (including projects with digital components) to libraries, archives, museums, and other cultural heritage organizations in Oregon.

⁴ Data from <http://www.imls.gov/recipients/grantsearch.aspx> for state:Oregon.

⁵ Data from http://www.oregon.gov/osl/LD/Pages/LSTAcomp.aspx#past_lsta_grants for Competitive Grants (2003-2013).

⁶ Data from <https://securegrants.neh.gov/publicquery/main.aspx?q=1&a=0&n=0&o=0&k=0&f=0&s=1&sv=OR&p=0&d=0&y=1&yt=2003&yt=2014&prd=0&cov=0&prz=0&wp=0&pg=0&ob=year&or=DESC> for all programs (2003-2013)

⁷ Data from <http://apps.nea.gov/GrantSearch/> for state:Oregon and date range: 2003 to 2014.

⁸ Data from <http://www.archives.gov/nhprc/projects/states-territories/or.html>.

⁹ Data provided for Heritage Commission Grants (2004, 2006, 2007, 2009, 2011, 2012) and Museum Grants (2006, 2007, 2009, 2010, 2011, 2012).

¹⁰ Data from Oregon Cultural Trust: Annual Reports available at <http://www.culturaltrust.org/content/annual-reports>.

INSTITUTE OF MUSEUM AND LIBRARY SERVICES (IMLS)

Confederated Tribes of the Umatilla Reservation

Cataloging Histories of the Cayuse, Umatilla, and Walla Walla Tribes	2007	\$47,086
Tamástslikt Tribal Knowledge Database Project.	2010	\$49,628

Coos Historical Museum

Victor C. West collection of maritime images	2010	\$23,938
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Oregon Historical Society

Building Public Access Funding	2003	\$150,000
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Portland Art Museum

Native American art digitization project	2012	\$150,000
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University of Oregon

Don L. Hunter Archive Project	2003	\$240,894
Northwest Digital Archives (NWDA)	2008	\$38,844
Northwest Digital Archives (NWDA) search tool	2011	\$249,904

TOTAL		\$950,294
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LIBRARY SYSTEMS AND TECHNOLOGY ACT – OREGON STATE LIBRARY (LSTA)

Harney County Library

Eastern Oregon Libraries and Museums Working Together	2007	\$5,600
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Lewis & Clark College

Oregon Poetic Voices	2010	\$34,150
Oregon Poetic Voices, Year 2	2011	\$29,803

National College of Naturopathic Medicine

Alternative Medicine Digitization Pilot Project	2005	\$22,773
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Orbis Library Consortium

Data for Local Communities, Year 2	2003	\$66,135
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Oregon City Public Library

Early Oregon Voices: Digitizing Historic Oregon City Newspapers	2013	\$22,905
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Oregon Council of Teachers of English

Libraries as Community Research Centers	2010	\$77,554
Libraries as Community Research Centers	2011	\$76,430

Oregon Historical Society

Preserving the Past: Digitizing for the Future	2003	\$126,192
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Oregon Institute of Technology

Water in the Klamath Basin Digital Library	2004	\$96,633
Klamath Waters Digital Library, Year 2	2005	\$88,183

Oregon State University

Oregon Digital Library Project - Digitizing Center Pilot Project	2009	\$14,999
Oregon Digital Library Project	2010	\$69,373
Development and Management of Building Oregon: Architecture of Oregon and the Pacific Northwest Mobile Project ¹¹	2013	\$68,635

Pacific University

Washington County Digital Library	2011	\$107,925
Washington County Heritage Online, Year 2	2012	\$101,075
Washington County Oral Histories: A Planning Grant ¹²	2013	\$36,809

Portland State University

¹¹ Due to sequestration, funding for this grant was held back until FY14.

¹² Due to sequestration, funding for this grant was held back until FY14.

The Oregon Sustainable Community Digital Library	2005	\$54,900
The Oregon Sustainable Community Digital Library, Year 2	2006	\$45,500
Oregon Public Speakers Preservation and Access Project	2013	\$9,932
Southern Oregon University		
Southern Oregon Digital Archives History Collection	2006	\$46,534
Southern Oregon History Collection: Phase II (Yr. 2)	2007	\$41,854
Images and Education: A Southern Oregon Perspective	2010	\$69,163
University of Oregon		
Oregon Newspapers Index	2004	\$69,738
Oregon Newspaper Index, Year 2	2005	\$86,062
Percent for Art Statewide Digital Collection and Database	2006	\$95,525
Local & Regional Documents Archive for Oregon	2007	\$77,505
Percent for Art Statewide Digital Collection and Database, Year 2	2007	\$77,297
Local & Regional Documents Archive for Oregon Year 2	2008	\$60,625
Oregon Digital Newspaper Project	2009	\$79,883
Oregon Digital Newspaper Project Year 2	2010	\$90,880
Oregon Digital Newspaper Project: Supplementary Funds	2010	\$106,000
Oregon Folklife Collections Access Project	2011	\$37,401
Access to Oregon Folklife Collections Project, Year 2	2012	\$40,573
Historic Oregonian Digitization	2012	\$125,742
Oregon Women's Political History Collection Processing Project	2012	\$13,017
Easy and Affordable Hosted Streaming Media for Libraries	2013	\$47,700
Western Oregon University		
Cooperative Governors' Papers Project: A Planning Grant	2011	\$51,268
Cooperative Governors' Project (Implementation Grant)	2012	\$68,344
TOTAL		\$2,440,617

NATIONAL ENDOWMENT FOR THE ARTS (NEA)

Lewis & Clark College		
To support expansion of an online digital image archive of contemporary ceramic art.	2009	\$9,888
Portland Art Museum		
To support the Northwest Art Initiative.	2012	\$20,000
TOTAL		\$29,888

NATIONAL ENDOWMENT FOR THE HUMANITIES (NEH)

Oregon Historical Society		
Oregon Time Web: A Digital Teaching Resource	2006	\$143,950
Oregon Shakespeare Festival		
Digitizing and Creating Access to the Audiovisual Collection in the Oregon Shakespeare Festival Archives	2013	\$200,000
Oregon State University		
Northwest Digital Archives: A Union Database of Encoded Finding Aids of Idaho, Montana, Oregon, and Washington	2002	\$349,778
The Northwest Digital Archive: Expanding Access to Archival Collections in Idaho, Montana, Oregon, and Washington	2005	\$299,947
Portland Art Museum		
Northwest Art Initiative, Phase II	2013	\$171,765
University of Oregon		

Oregon Digital Newspaper Project, Phase One	2009	\$690,393
Northwest Digital Archives: Expanding Access to Northwest Archival Collections	2011	\$137,756
Willamette University		
Bridging the Gap: Connecting Authors to Museum and Archival Collections	2008	\$49,020
TOTAL		\$2,042,609

NATIONAL HISTORICAL RECORDS AND PUBLICATIONS COMMISSION (NHPRC)

Confederated Tribes of Siletz Indians		
To support a project to process Tribal records	2011	\$31,086
Oregon Historical Society		
To provide online access to 4,500 manuscript collections on the settlement of the West and the development of the Pacific Northwest.	2010	\$84,480
Oregon Secretary of State, Archives Division		
Oregon Records Management Solution	2012	\$134,419
University of Oregon		
Northwest Digital Archives (NWDA)	2010	\$123,118
TOTAL		\$373,103

OREGON CULTURAL TRUST (OCT)

Aurora Colony Historical Society & Museum		
Music library	2007	\$4,000
Clatsop County Historical Society		
Expand access to photographs	2007	\$7,000
Columbia Gorge Discovery Center and Museum		
Native American baskets digital archive	2007	\$4,000
Coos Art Museum		
Victor C. West Collection of Historic Maritime Photography	2006	\$4,146
Eastern Oregon Museum		
Photo Digitization	2008	\$2,380
Jordan Schnitzer Museum of Art		
Collections management system	2010	\$10,000
Lane County Historical Society & Museum		
Photo Digitization	2008	\$5,000
Photo Digitization	2009	\$6,000
Digitization of the museum's nitrate negative collection	2010	\$5,000
Digitization of the museum's nitrate negative collection	2011	\$3,000
Linfield College		
Oregon Wine History Archive	2012	\$8,000
Pacific City dory fleet historic preservation project,	2013	\$5,000
Portland State University		
Portland Chapter of the Japanese American Citizens League Inventory Project	2012	\$5,000
University of Oregon		
Oregon Digital Newspaper Project	2009	\$145,000
Oregon Digital Newspaper Project	2010	\$36,046

TOTAL		\$249,572
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OREGON HERITAGE COMMISSION (OHC)

Aurora Colony Historical Society & Museum		
To catalog, digitize and validate 19th century music	2007	\$10,000
Columbia Gorge Discovery Center and Museum		
Digitization network planning grant	2009	\$11,447
Coos Art Museum		
Digitize Oregon Maritime photography collection	2006	\$4,300
Eastern Oregon University		
Digitization and cataloging of Fred Hill's Union County photographs collection	2009	\$2,666
Fort Rock Valley Historical Society & Homestead Museum		
Collection cataloging	2006	\$1,000
Hood River County Historical Society & Museum		
Digitization of the photo collection	2012	\$6,000
J.O. Hanthorn Cannery Museum		
Website development	2011	\$1,800
Jensen Arctic Museum		
Audio and Video Digitization	2011	\$5,750
Klamath County Museums		
Digitization of photograph collection	2009	\$3,266
Digitize archival collections	2011	\$4,250
Lane County Historical Society & Museum		
Digitize non-volatile safety film negatives and prints	2007	\$2,500
Digitize the museum's 14,000 historic photographs	2007	\$5,000
Digitize approximately 2,500 photographs	2009	\$2,500
Ongoing photographic digitization project	2009	\$6,330
Digitization of the museum's nitrate negative collection	2010	\$2,500
Digitize the Hunter collection	2011	\$8,000
Digitize the Hunter collection	2012	\$11,300
Mission Mill Museum Association		
Inventory and digitization	2010	\$4,784
North Lincoln County Historical Museum		
Collection cataloging	2006	\$1,795
Northwest History Network		
Oregon Woman Suffrage Centennial project	2009	\$9,961
Oregon Council of Teachers of English		
Oregon Encyclopedia of History and Culture	2009	\$20,000
Oregon Historical Society		
Commission 90 entries for the Oregon Encyclopedia Project	2007	\$20,000
Oregon Jewish Museum		
Create an electronic finding aid	2007	\$6,900
Oregon Nikkei Endowment		
Digitize audio and video	2009	\$10,000
Oregon Public Broadcasting		
Video preservation project	2009	\$20,000
Oregon State Hospital Museum of Mental Health		
Catalog the artifacts associated with the Oregon State Hospital.	2011	\$2,700
Salem Library Foundation		
Digitize Bush Family Historic Photo Collection	2004	\$17,400

Talent Historical Society			
Website development	2006	\$2,545	
Troutdale Historical Society			
Digitize photo collection	2006	\$4,500	
Washington County Museum			
Oral history program	2007	\$5,000	
Digitization of William Finley photographs	2012	\$12,700	
TOTAL		\$226,894	

A list of grant-funded projects sorted by institution, including project abstracts and URLs for digital projects (where found) is included as Appendix 1.

EXISTING COLLABORATIVE PROJECTS IN OREGON

Collaborative projects are, in general, a method for well-resourced institutions to provide support to institutions that have less support for infrastructure and less flexibility in hiring staff with the appropriate levels of expertise. Often, though not always, the well-resourced institutions are large academic libraries. The following list of collaborative projects focuses primarily on projects with a history of funding by the Oregon State Library, often in conjunction with other funding agencies.

OREGON DIGITAL LIBRARY (ODL)

Administered by:	Oregon State University Libraries
Primary Contact:	Evviva Weinraub, Director, Emerging Technologies & Services
Funding Sources:	LSTA
Primary URL:	http://odl.library.oregonstate.edu/record/search
Documentation URL:	None identified
Rights URL:	http://odl.library.oregonstate.edu/record/faq
Self-description:	“The Oregon Digital Library Project (ODLP) is built upon previous work done by OSU Libraries, and seeks to build a collaborative portal for the discovery of digital collections created by institutions within the State of Oregon. Utilizing LibraryFind, a previously funded LSTA project, the ODLP creates a centralized portal for information that could be utilized by any library user to locate digital assets created by Oregon's cultural centers and locate them in context to materials that may exist at other institutions.”
System:	LibraryFind
Extent:	19 collections are listed; total extent is unknown
Partners:	Oregon State University University of Oregon NWDA Southern Oregon University Lewis & Clark University Salem Public Library Oregon Health & Science University Whitman College Oregon Institute of Technology Western Oregon University Portland State University Pacific University
Governance:	No formal governance structure.

Comments: The Oregon Digital Library is a metasearch tool. It includes metadata from a wide range of digital collections from institutions in Oregon. Oregon State University does not copy the original digital objects, although in some cases they may harvest item thumbnails. According to the FAQ, “Any collection that supports OAI-PMH can be harvested into the ODL. Additionally, resources that support automated query through an API (Application Programming Interface) may be candidates for inclusion.”

It is unclear when metadata was most recently harvested or how many total items are included in the search indexes. A search on the term “Oregon” identified only 166 results, and it is possible that the metasearch returns only the first 25 results from any collection. In contrast, a search on the term “Oregon” in OregonDigital returned 85,116 results.

Terry Reese, one of the developers of the LibraryFind application, was primarily responsible for the development of ODL. In March 2013, he left OSU and joined the Ohio State University Libraries. OSU does not plan to maintain the LibraryFind application for use in the Oregon Digital Library and other projects. In addition, as discussed below, OSU will be working with the University of Oregon Libraries to move their shared digital collections into a Hydra/Fedora Commons system. Blacklight, a component of many Hydra/Fedora Commons implementations, could be used to provide an alternative metasearch for statewide collections, assuming that OAI-PMH and/or other metadata harvesting could be continued and that the harvested metadata records could be normalized enough to be indexed by Solr, a standard data indexing tool incorporated in Blacklight. However, OSU has no dedicated budget or staff to support either the development of a Blacklight interface for ODL or the normalization of harvested metadata. The total effort required is estimated at 0.25 FTE per year.

OREGON DIGITAL

Administered by:	UO Digital Library Initiatives and OSU Libraries Digital Access Services.
Primary Contact:	Karen Estlund, Head, Digital Scholarship Center, Univ. of Oregon Michael Boock, Head, Center for Digital Scholarship and Services, OSU
Funding Sources:	Institutional, LSTA
Primary URL:	http://oregondigital.org
Documentation URL:	None identified (metadata and digitization practices vary by collection)
Rights URL:	http://oregondigital.org/digcol/rights.php
Self-description:	“The OSU and UO Libraries’ Digital Collections are created to support the teaching and research mission of the Oregon University System. The collections are composed of unique digitized and born digital materials including photographs, journal articles, sheet music, manuscripts, ephemera, and more.”
System:	Currently includes two systems: OregonDigital, a CONTENTdm installation, and Journals at OregonDigital (journals.oregondigital.org), an Open Journal Systems [OJS] installation. In addition, the A-Z list of collections includes non-OregonDigital collections such as the e-Asia Digital Library at the University of Oregon, ScholarsBank, the institutional repository at the University of Oregon Libraries (a DSpace installation), and the Linus Pauling sites and Omeka exhibits system at the Oregon State University Libraries.
Extent:	Approximately 120,000 items in the CONTENTdm system in 55 collections; additional material in other collections.

Scope:	Items include material from and about Oregon, such as the “1993 ODFW Oregon Rocky Shore Aerial Photography Survey,” “Braceros in Oregon Photograph Collection,” “Building Oregon: Architecture of Oregon and the Pacific Northwest,” “Percent for Art” collections. The subjects also include material related to OU/OSU faculty projects, such as the “Petrarch” and “African Political Ephemera and Realia” collections.
Partners:	University of Oregon Oregon State University
Governance:	Developed under an informal agreement between the two partners, with no formal governance structure. A more formal memorandum of understanding is in development.
Included in ODL:	Yes
Comments:	<p>Browsing in OregonDigital varies by collection. Individual collections often have separate browsing categories. One collection, from the Jordan Schnitzer Museum of Art, is limited to OU/OSU access only, although a link is provided to a separate public collection from this museum. A presentation with selected highlights from the collections is available at http://prezi.com/36ddprwoo9_4/oregon-digital-collections.</p> <p>The University of Oregon and Oregon State University Libraries are currently working to migrate all of their collections to a Hydra/Fedora Commons platform maintained by UO Digital Library Initiatives. This migration will be performed in 2013-2014. Individual collections will be reviewed for needed metadata improvements, and linked data will be used for subject and other authority control. Individual Hydra “heads,” or user interfaces, will be created to provide access to collections, with specific heads tailored to specific types of content and user needs. While the main platform will be maintained by UO, both institutions will contribute development resources, and development of individual collections and “heads” will be managed by the responsible institution.</p> <p>As a collaborative project, OregonDigital could serve as infrastructure for additional institutions. The Hydra/Fedora Commons platform provides significant flexibility in terms of metadata, digital object format, and user interface customization. However, storage and development costs would need to be considered carefully to establish a cost-recovery model. At the end of the joint UO/OSU migration project, a cost baseline for development of Hydra heads should be available.</p> <p>UO Digital Library Initiatives is willing to consider hosting access copies of documents and images from other institutions, and in fact is planning to host a collection from the Oregon Historical Society created in cooperation with the Confederated Tribes of Warm Springs, which could serve as a model for future expansion of OregonDigital. Previously, a scanning center pilot at the Oregon State University Libraries (funded by an LSTA grant), which digitized materials from the Lincoln County Historical Society and the Columbia Gorge Discovery Center, enabled those collections to be added to OregonDigital; the scanning center model was, however, abandoned at the end of the grant. UO does not plan to offer preservation services to other institutions, and OSU is similarly reluctant to offer long-term preservation of digital objects to external organizations without a model for ongoing cost-recovery in place.</p>

OREGON DIGITAL NEWSPAPER PROGRAM (ODNP)

Administered by:	University of Oregon Libraries
Primary Contact:	Karen Estlund, Head, Digital Scholarship Center, Univ. of Oregon
Funding Sources:	NEH, LSTA, Oregon Cultural Trust, UO Libraries, Oregon Newspaper Publishers Association
Primary URL:	http://oregonnews.uoregon.edu/
Documentation URL:	http://www.loc.gov/ndnp/guidelines/NDNP_201214TechNotes.pdf
Rights URL:	http://oregonnews.uoregon.edu/about/
Self-description:	"ODNP is an initiative to digitize historic Oregon newspaper content and make it freely available to the public through a keyword-searchable online database. The initial phase of the program will concentrate on newspapers published between 1860 and 1922, with a goal of digitally archiving more than 100,000 pages in the initial two years of the project. The ODNP was also constructed to help facilitate the digitization of Oregon newspapers by outside organizations/individuals. The resulting product will be an open state-wide resource for historic Oregon newspapers online."
System:	The "Historic Oregon Newspapers" website was built using the open-source "LC Newspaper Viewer" application developed by the Library of Congress for the <i>Chronicling America</i> project.
Extent:	Approximately 53 newspaper titles, including over 400,000 pages, many not included in the Library of Congress "Chronicling America" site (188,061 pages available through "Chronicling America," with dates ranging from 1864-1922).
Partners:	Unknown
Governance:	The University of Oregon Libraries administers the ODNP and maintains sole control over the website and its digital content. The ODNP has an Advisory Board whose role is to assist annually in the selection of newspaper titles to be filmed using funds from NEH (see http://library.uoregon.edu/diglib/odnp/advisoryboard.html). Items digitized with NEH funding are submitted to the national project, <i>Chronicling America</i> . Other institutions may become "partners" with no role in ODNP governance or operations by funding digitization of selected newspaper titles; funding from LSTA and the Oregon Cultural Trust has been used to add content to ODNP. The University of Oregon Libraries has committed to long-term preservation of the digital content regardless of the source of funding.
Included in ODL:	Yes
Comments:	The Oregon Digital Newspaper Program (ODNP) began in 2009 with a grant from the National Endowment for the Humanities (NEH), in partnership with the Library of Congress, to digitize Oregon newspapers for inclusion in the National Digital Newspaper Program. The University of Oregon Libraries had previously been the lead institution in the Oregon Newspaper Project (ONP), an effort to microfilm and catalog newspapers, which also received support from NEH. According to the ODNP grant narrative, "The University of Oregon Libraries has the only preservation microfilming operation in the Pacific Northwest" and holds microfilm master negatives for 1,300 Oregon newspaper titles and positive copies of an additional 350 titles filmed by other organizations. ¹³

¹³ University of Oregon Libraries. (2009). *Narrative (National Digital Newspaper Program Grant Application)* (NEH Grant No. PJ-50052-09). Eugene, OR. Retrieved from http://www.neh.gov/files/grants/university_of_oregon_oregon_digital_newspaper_program.pdf.

Currently, the NEH limits the digitization funded by its awards to the chronological timeframe of 1836-1922, and the award supports the digitization of only 100,000 pages of content per funding cycle, although in some cases awardees have hosted additional pages on local systems supported by non-NEH funding. Strict quality controls are in place for both the microfilm used for digitization and the digital images derived from the microfilm. All pages are put through an Optical Character Recognition (OCR) process, resulting in full-text search of the digitized newspapers, though the quality of the OCR varies depending on multiple factors, including language, typeface, whitespace, contrast, and the condition of the newspaper when originally microfilmed. In some cases, UO may re-microfilm original newspapers when the microfilm masters are incomplete or not eligible for digitization on quality grounds. In other states, direct digitization of newspapers from the originals is a possibility, eliminating the microfilm step, but UO lacks the equipment for this type of digitization.

UO has expressed interest in expanding the scope of ODNP, depending on available funding, to include additional newspaper content. Papers still subject to copyright would be candidates depending on the ability to secure necessary permissions from publishers or copyright owners. Of particular interest are papers from tribal communities. Other Oregon institutions have expressed interest in having their regional newspapers added to ODNP, and other states, including Colorado, Texas, and Kentucky, have had success in negotiating copyright permissions from publishers. This is especially true in rural communities, where copyrights are typically owned by publishing families rather than by corporations that publish multiple titles. The costs of digitization and hosting content are well established at this point, although UO has not published a cost schedule.

Although ODNP metadata is available in the ODL metasearch tool, the full-text of the newspapers is not included. For full-text resources, a centralized collection is of significantly greater benefit than distributed indexes. Metadata aggregation is possible because NEH and the Library of Congress have required the development of additional resources in order to increase the reach of the National Digital Newspaper Program. Awardees are required to update bibliographic records of digitized titles in WorldCat to ensure conformity with current cataloging for US newspapers. This metadata is then added to the *Chronicling America* newspaper directory along with historical essays for newspaper titles digitized with NEH funds. These essays are also available through the ODNP site. In addition, ODNP offers a limited number of K-12 lesson plans on the ODNP site. Due to the pre-1923 dates of the digitized newspapers, the lesson plans largely focus on early Oregon history. A blog associated with the site (<http://odnp.wordpress.com/>) offers updates on titles added to the site, with occasional pieces exploring Oregon history through the newspapers.

NORTHWEST DIGITAL ARCHIVES (NWDA)

Administered by:	Orbis Cascade Alliance
Primary Contact:	Jodi Allison-Bunnell, NWDA Program Manager
Funding Sources:	LSTA, NEH, NHPRC, IMLS, membership fees
Primary URL:	http://nwda.orbiscascade.org/
Documentation URL:	http://orbiscascade.org/index/northwest-digital-archives-tools
Rights URL:	NWDA members retain copyright in their finding aids, if so desired, and also retain the right to remove their finding aids from the NWDA database, if so desired. All

	membership policies are listed at http://orbiscascade.org/index/northwest-digital-archives-membership .
Self-description:	"The Northwest Digital Archives (NWDA) provides enhanced access to archival and manuscript collections in Idaho, Montana, Oregon, Alaska, and Washington through a union database of Encoded Archival Description (EAD) finding aids."
System:	Custom XML database and UI
Extent:	Because the NWDA database includes materials from a region, it is not possible to determine how many finding aids from Oregon institutions are included. A search on the term "Oregon" results in 12,182 results. Individual digital items are not listed in the search results, and there is no way to limit search results to finding aids that include links to digitized options. Institutions have the option to include such links, but it is unevenly implemented.
Partners (Oregon):	<p>Central Oregon Community College Concordia University Confederated Tribes of Siletz Indians Eastern Oregon University George Fox University Lane Community College Lewis & Clark College Linfield College Oregon Health & Science University Oregon Historical Society Oregon Institute of Technology Oregon State University Pacific University Portland State University University of Oregon, Special Collections and University Archives University of Oregon, Archives of Northwest Folklore Western Oregon University Willamette University</p>
Governance:	The NWDA has a well-developed governance structure, which consists of a Standing Committee and Steering Team. Details of the governance structure are available at http://orbiscascade.org/index/northwest-digital-archives-governance . The Chair of the NWDA Committee serves as a representative to the Orbis Cascade Alliance Council, but NWDA members do not also need to be members of (and may not be eligible for membership in) the Orbis Cascade Alliance. Annual NWDA membership dues range from \$1,969 per year to \$4,641 per year.
Included in ODL:	Yes
Comments:	<p>The NWDA continues to add new members, and there is discussion about changing the name of the collaboration in 2013 to reflect its expanded charter. Historical program reports are available at http://orbiscascade.org/index/northwest-digital-archives-projects.</p> <p>The NWDA is an established collaborative with a strong history of funding. It has published best practice guidelines that are national models for similar collaborations. Although both individually and collectively NWDA members have expressed interest in expanding the scope of the NWDA service to include digitized images, there are currently no plans to offer hosting or even guidelines for digitization through either NWDA or its parent organization, the Orbis Cascade Alliance (OCA). A Digital Program Needs Assessment conducted for OCA in 2007-2009 documented member interest in such projects, and a pilot digital preservation</p>

service modeled on a service offered by the Colorado Association of Research Libraries (CARL) was offered in 2010-2012, but this pilot is scheduled to be discontinued due to unsatisfactory results and competing OCA priorities.

While NWDA and OCA do not offer centralized hosting of digital content, NWDA is currently completing a three-year IMLS project to develop a Cross-Search and Context Utility (XCU) which will “bring together digitized content from thirty-six systems at twenty-five institutions and detailed metadata from archival and manuscript collections at thirty-three institutions. The result will be access to digitized objects in the context of the collections to which they belong, greatly improving the presentation and usability of digital content and associated metadata and better meeting the needs of users.” According to Jodi Allison-Bunnell (interview 8/15/2013), XCU was developed as a demonstration and there are no plans to make it available to the public at present. Typical challenges included normalization of dates, authorities encoded as text strings, and inconsistent geographic and topical subject use. A screencast of the XCU interface is available at <http://www.screencast.com/t/eXAICzphahp>.

OREGON ENCYCLOPEDIA

Administered by:	Portland State University
Primary Contact:	Ulrich H. Hardt, Portland State University Jeff LaLande, Southern Oregon University Linda Tamura, Willamette University
Funding Sources:	Oregon Heritage Commission, Oregon Cultural Trust, LSTA, Oregon Council on the Humanities, individual institutions (see list of donors and partners at http://www.oregonencyclopedia.org/content/donors/) http://www.oregonencyclopedia.org/ http://www.oregonencyclopedia.org/content/author_guidelines/ http://www.oregonencyclopedia.org/content/permissions/
Primary URL:	http://www.oregonencyclopedia.org/
Documentation URL:	http://www.oregonencyclopedia.org/content/author_guidelines/
Rights URL:	http://www.oregonencyclopedia.org/content/permissions/
Self-description:	“The Oregon Encyclopedia provides definitive, general information about the State of Oregon, its places, culture, institutions, significant events, and the people that shaped them. The user-friendly electronic format is intended for use by students, teachers, researchers, and general information-seekers.”
System:	Custom
Extent:	1,042 articles (images and other items not counted separately)
Partners:	Portland State University Oregon Council of Teachers of English Oregon Historical Society Willamette University
Governance:	None identified. The Oregon Council of Teachers of English has applied for grants to develop resources for the Oregon Encyclopedia, as has the Oregon Historical Society; the website is maintained by Portland State University.
Included in ODL:	No
Comments:	The Oregon Encyclopedia began as a project for Oregon’s Sesquicentennial Celebration. In 2012, it was recognized with a “Gene Autry Public History Award” from the Western History Association. In 2011, it was recognized with a “Leadership in History” award from the American Association for State and Local History. In 2009, it was recognized with a “Multicultural Program Award” from the National Council of Teachers of English.

While not a digital library *per se*, the Oregon Encyclopedia ranks highly in both “Page Authority” as calculated by Open Site Explorer and PageRank as calculated by Google Toolbar when compared to other Oregon history sites. The Categories, Themes, SubThemes, Era, and Region categorization used in the Advanced Search can be used as the basis for a more general taxonomy of digital collections. The “Guidelines for Significance” used to guide development of new articles (<http://www.oregonencyclopedia.org/content/significance/>) could also be adapted as a metric for digitization funding.

Many of the individual articles in the Oregon Encyclopedia include media, primarily digitized photos, from Oregon institutions. Instructions for authors state “Authors are encouraged to submit suggestions for appropriate images (e.g., maps, photographs, artworks), film clips, and audio and video clips that could accompany their entries. Authors should submit captions and credits for all supplementary materials.” No complete list of the media has been identified, but development of such a list would be highly useful. The Oregon Encyclopedia could be the institutional home of a directory of digital and/or physical archival collections in the state, should such development be funded.

SALEM ONLINE HISTORY/OREGON HISTORICAL PHOTOGRAPHS

Administered by:	Salem Public Library
Primary Contact:	Unknown
Funding Sources:	LSTA, Salem Public Library Foundation
Primary URL:	http://www.salemhistory.net
Documentation URL:	None identified
Rights URL:	http://photos.salemhistory.net/cdm/about
Self-description:	“The history of Oregon preserved in six collections of photographs of people, places, and events that provide snapshots of the state’s history from 1840 to more recent times. The collections are statewide but with special emphasis on Salem and other Willamette Valley communities. Included are photographs from numerous sources including the Ben Maxwell estate, the Statesman Journal Newspaper, Oregon State Archives, Marion County Historical Society, the Asahel Bush family, and other contributors.”
System:	CONTENTdm plus website
Extent:	13,704 items in 6 collections
Partners:	Salem Public Library Oregon State Archives Marion County Historical Society
Governance:	Unknown
Included in ODL:	Yes
Comments:	According to the Oregon State Archives, the Oregon Historical Photographs collection included in the Salem Online History began in 1992 as a project by the Salem Public Library to catalog its collection of historic photographs. The project was expanded to include other area repositories, including the State Archives, and digitization was funded by the Oregon State Library. Currently, the site includes 13,700 items, the majority of which are from the Salem Public Library. The Oregon

State Archives and Marion County Historical Society no longer participate in the project.¹⁴

SOUTHERN OREGON DIGITAL ARCHIVES (SODA)

Administered by:	Southern Oregon University Library
Primary Contact:	Teresa Montgomery, Associate Director, Southern Oregon University Library
Funding Sources:	IMLS, LSTA
Primary URL:	http://soda.sou.edu/ http://digital.hanlib.sou.edu/
Documentation URL:	http://soda.sou.edu/technical.html http://soda.sou.edu/project/metadata_guidelines.html http://soda.sou.edu/copyright.html
Rights URL:	
Self-description:	The Southern Oregon Digital Archives includes three collections: the Bioregion Collection, which includes publications from federal and state government agencies; the First Nations Collection; and the Southern Oregon History Collection, a regional collaborative project. In addition, the Hannon Library Digital Collections site includes materials digitized under the “Images and Education: A Southern Oregon Perspective” project funded by an LSTA grant awarded by the Oregon State Library
System:	ArchivalWare, CONTENTdm
Extent:	3,600 items in 3 document collections and 3,956 items in 12 image collections.
Partners:	Southern Oregon University Hannon Library Southern Oregon Historical Society Jackson County Library Services Oregon Shakespeare Festival Archives Josephine County Library System Rogue River-Siskiyou National Forest Curry County Historical Society and Museum, Gold Beach North Curry Libraries: Port Orford Library Coos Historical Society/Coos Historical & Maritime Museum Coos County Library Service District Douglas County Library System Douglas County Museum of Natural & Cultural History
Governance:	Unknown
Included in ODL:	Yes
Comments:	Items included in any of the three SODA document collections may be browsed by title and by author, and the collections may be searched individually. The image collections are not integrated into the main SODA site. The collections continue to grow; a notable recent addition is the “Wine of Southern Oregon” collection developed through a grant awarded to Linfield College by the Oregon Cultural Trust. The National Forest Service is also contributing materials from the Rogue River National Forest; an MOU between the NFS and SOU allows the digitization of archival materials. SODA is included in the Federal Depository Library Program Digitization Projects Registry.

¹⁴ Oregon State Archives. 2012. Oregon Historical Photograph Collection. Retrieved from <http://arcweb.sos.state.or.us/pages/records/historicalphotoslink.html>.

Technical documentation on the site references textual collections only; standards for image collections have not been made publically available. For most collections, materials were sent to SOU for scanning; partners input metadata into spreadsheets for batch upload into CONTENTdm, with the exception of subject headings which were added by the SOU metadata librarian.

WASHINGTON COUNTY HERITAGE ONLINE (WCHO)

Administered by:	Pacific University Library
Primary Contact:	Eva Guggemos, Assistant Professor, Archives/Special Collections
Funding Sources:	LSTA
Primary URL:	http://washingtoncountyheritage.org/cdm/
Documentation URL:	https://sites.google.com/a/pacificu.edu/wchoinfo/wcho-documentation
Rights URL:	http://washingtoncountyheritage.org/cdm/copyright
Self-description:	<p>“Founded in 2011, Washington County Heritage Online (WCHO) seeks to document the unique heritage of Washington County, Oregon. We aim to:</p> <ul style="list-style-type: none">• digitize and display items of historical and cultural importance• celebrate local history• encourage cooperation between archives, historical societies, libraries, museums, and other cultural organizations• allow for wider access to the unique materials found in Washington County• train contributors to adhere to standards that create consistency and allows for WCHO to contribute to regional and national projects”
System:	CONTENTdm
Extent:	7,873 images
Partners:	Pacific University Archives Washington County Museum Banks Historical Society Cedar Mill Community Library Centro Cultural City of Beaverton Cornelius Public Library Community Action Forest Grove City Library Friends of Historic Forest Grove Tigard Public Library
Governance:	An Advisory Committee for WCHO is currently dormant. Pacific University Library maintains the website and digitized items.
Included in ODL:	Yes
Comments:	Washington County Heritage Online grew from a project proposed by the Washington County Museum. The Pacific University Library became the lead partner in a proposal for LSTA support; the Washington County Museum remains a key partner. WCHO uses the CONTENTdm system. Items were digitized at various locations, and CONTENTdm clients were installed at partner sites to enable metadata editing, although bulk upload of metadata through spreadsheets and GoogleDocs was also explored. Project staff state that alternate purely web-based systems, such as Omeka, might allow easier metadata creation by partners.

WCHO has been used as a model by other projects in Oregon, and Pacific

University has been willing to share the metadata guidelines and training manual developed for the project (see Appendix 5). Among the stronger aspects of the project is its focus on local control; the agreements signed by project partners allowed the partners to keep ownership of the digital images and metadata provided to WCHO. Partners were allowed to provide only low-resolution images and to enable watermarks through CONTENTdm.

WCHO could be replicated in a different region or could be expanded to include a larger region. In terms of structure, it is similar to many statewide digitization efforts. The project focused almost exclusively on images, though some textual materials were included (there are 130 items of type “text”).

OREGON SUSTAINABLE COMMUNITY DIGITAL LIBRARY

Administered by:	Portland State University Library
Primary Contact:	Karen Bjork, Digital Initiatives Coordinator
Funding Sources:	LSTA
Primary URL:	http://oscdl.research.pdx.edu/
Documentation URL:	None identified; technical guidelines based on Oregon Historical Society
Rights URL:	None identified
Self-description:	“The Oregon Sustainable Community Digital Library provides a central repository for the collection, accession, and dissemination of key planning documents: grey literature, planning reports, digital images, maps, etc. from the Nohad A. Toulou School of Urban Studies and Planning at Portland State University (PSU), Metro; the regional government, TriMet; the tri-county regional transportation system, the City of Portland Archives, and the City Club of Portland.”
System:	Custom
Extent:	2,267 items
Partners:	Portland State University Metro City of Portland Archives City Club of Portland
Governance:	None identified; control seems to be limited to PSU Library
Included in ODL:	No
Comments:	The OSCDL was developed in 2005 with LSTA grant support through the Oregon State Library. A custom system was designed, with support from the Portland State University Office of Information Technology. The technology used is not specified, but, according to Karen Bjork, the PSU Office of Information Technology has stated that the site is overdue for a refresh. Unfortunately, “it was created without a five-year plan. If we don’t have the funding to bring it up to date, we’ll have to shut it down. It’s becoming an embarrassment” (Karen Bjork, interview 08/06/2013).

The content in OSCDL (consisting primarily of textual materials with some maps and other still imagery) would be suitable for inclusion in an institutional repository. The non-standard metadata used in the OSCDL system would have to be mapped to a more standardized scheme. PDXScholar, the DSpace repository of the Portland State University Libraries, is itself being migrated to a hosted DigitalCommons system, and it is not clear whether PSU resources would support the migration of OSCDL content to that system. OSCDL should be considered an endangered collection.

KLAMATH WATERS DIGITAL LIBRARY

Administered by:	Oregon Institute of Technology
Primary Contact:	Karen Kunz, Associate Professor - Information Systems
Funding Sources:	LSTA
Primary URL:	http://digilib.oit.edu/cdm/landingpage/collection/kwl http://digilib.oit.edu/cdm/landingpage/collection/histories
Documentation URL:	None identified
Rights URL:	http://digilib.oit.edu/cdm/copyright/collection/kwl
Self-description:	“Welcome to the Klamath Waters Digital Library, an online repository of information resources related to water issues in the Klamath Watershed. The digital library encompasses a collection of full-text documents, reports, articles, photographs and maps from the 1800s to the present as well as many special collections. Topics covered include water allocation, land and endangered species management, and the history and development of Klamath Reclamation Project.”
System:	CONTENTdm
Extent:	4,612 items
Partners:	None identified
Governance:	Unknown
Included in ODL:	Yes
Comments:	Klamath Waters Digital Library is included in the Federal Depository Library Program Digitization Projects Registry, and portions of the collection are available in the Western Waters Digital Library collaborative project maintained by Colorado State University.

CRATER LAKE DIGITAL RESEARCH COLLECTION

Administered by:	Oregon Institute of Technology
Primary Contact:	Karen Kunz, Associate Professor - Information Systems
Funding Sources:	LSTA
Primary URL:	http://digilib.oit.edu/cdm/landingpage/collection/craterlake
Documentation URL:	None identified
Rights URL:	http://digilib.oit.edu/cdm/copyright/collection/craterlake
Self-description:	“A collaborative project between the Oregon Institute of Technology Library and Crater Lake National Park. It is a research collection of park-related scientific and historical/cultural materials for use by researchers, educators and others.”
System:	CONTENTdm
Extent:	356 items
Partners:	Oregon Institute of Technology Crater Lake National Park
Governance:	Unknown
Included in ODL:	Yes
Comments:	Crater Lake Digital Research Collection is included in the Federal Depository Library Program Digitization Projects Registry, and portions of the collection are available in the Western Waters Digital Library collaborative project maintained by Colorado State University.

PORTAL TO THE PERSONAL PAPERS OF OREGON GOVERNORS

Administered by:	Western Oregon University
Primary Contact:	Erin Paschel, University Archivist and Digital Collections Librarian
Funding Sources:	LSTA
Primary URL:	http://www.wou.edu/provost/library/archives/oregongovernors/
Documentation URL:	http://www.wou.edu/provost/library/archives/oregongovernors/about/
Rights URL:	None identified (varies by collection)
Self-description:	"This portal was created as ... a launchpad for researchers interested in Oregon's post-war political history, and particularly in the legacy of the men—and the woman—who have held Oregon's highest office."
System:	HTML
Extent:	Includes Timeline of Oregon Governors, post-WWII, and links to three collections
Partners:	Portland State University Pacific University Willamette University
Governance:	Unknown
Included in ODL:	No
Comments:	The Oregon Governors Project Portal developed from a project to process the papers of three former Oregon governors. As part of that project, finding aids in EAD were created by the project archivist. Western Oregon University created the "Robert W. Straub Online Beaches Collection" in their DigitalCommons repository and Pacific University created the "Victor Atiyeh Collection" web exhibit in Omeka. The Portal provides access to the various elements of the processing project held by the project partners.

OREGON DIGITAL COLLECTIONS

In addition to the collaborative projects listed above, many institutions in Oregon have developed digital collections to showcase their own collections and to encourage community use of those collections. A list of these digital collections is included below, based on data gathered through a survey distributed to Oregon libraries, archives, and museums in August 2013 along with analysis of the websites of Oregon institutions. In addition to collections made available by Oregon institutions, collections with significant Oregon content from national and regional institutions have also been included. Over 300 collections were identified. However, the list is undoubtedly not comprehensive even at this time and will quickly become out-of-date due to the evolving nature of digital collections. Ongoing maintenance and development of this list is one possible strategy for making Oregon digital collections more findable.

Data compiled for each of these collections includes the name of the collection, the primary collection URL, the name of the host institution, a description of the collection scope (taken from the collection website), an indication of the extent of the collection (where that could be determined), and the source of funding (if known). Complete data is included as Appendix 2.

DIGITAL COLLECTIONS BY INSTITUTION

Government Archives, Libraries, and Records Centers

CITY OF BEAVERTON

Washington County Heritage Online

URL: <http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll13>

Extent:

66

CITY OF PORTLAND ARCHIVES

<i>Portland Timeline Images</i> URL: http://www.portlandonline.com/auditor/index.cfm?c=27928	Extent: 90
<i>Slide Show Images</i> URL: http://www.portlandonline.com/auditor/index.cfm?c=51818	Extent: 37

CONFEDERATED TRIBES OF THE UMATILLA INDIAN RESERVATION

<i>Our History & Culture</i> URL: http://www.ctuir.org/history.html	Extent:
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LIBRARY OF CONGRESS

<i>American Memory</i> URL: http://www.loc.gov/search/?q=oregon&fa=partof%3Aamerican+memory	Extent: 11,468
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MULTNOMAH COUNTY ARCHIVES

<i>YouTube Video Collection</i> URL: http://www.youtube.com/user/MultCoArchives	Extent: 13
<i>Multnomah County Archives</i> URL: https://archon.multco.us/index.php	Extent: 13

NATIONAL ARCHIVES AND RECORDS ADMINISTRATION

<i>Digital Public Library of America</i> URL: http://dp.la/search?partnerID=National+Archives+and+Records+Administration&q=Oregon&utf8=%E2%9C%93	Extent: 3,211
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OREGON STATE ARCHIVES

<i>A 1940 Journey Across Oregon</i> URL: http://arcweb.sos.state.or.us/pages/exhibits/across/index.html	Extent:
<i>A 1940 Oregon Coast Tour</i> URL: http://arcweb.sos.state.or.us/pages/exhibits/coast/index.html	Extent:
<i>Crafting the Oregon Constitution: Framework for a New State</i> URL: http://arcweb.sos.state.or.us/pages/exhibits/1857/index.htm	Extent:
<i>Early Oregonian Database</i> URL: https://secure.sos.state.or.us/prs/personProfileSearch.do?earlyOregonian=true&searchReset=true	Extent:
<i>Echoes of Oregon</i> URL: http://arcweb.sos.state.or.us/pages/echoes/index.html	Extent:
<i>Highlights of the Archives</i> URL: http://arcweb.sos.state.or.us/pages/exhibits/50th/50thintro.html	Extent:
<i>Historical Travel Photographs</i> URL: http://arcweb.sos.state.or.us/pages/records/state/odot/odotphotos/highway/index.html	Extent:
<i>Life on the Home Front: Oregon Responds to World War II</i> URL: http://arcweb.sos.state.or.us/pages/exhibits/ww2/index.htm	Extent:
<i>Oregon at War: World War I and the Oregon Experience</i> URL: http://arcweb.sos.state.or.us/pages/exhibits/war/index.html	Extent:
<i>Pearl Harbor Remembered: Oregonians and the Attack on Pearl Harbor</i> URL: http://arcweb.sos.state.or.us/pages/exhibits/pearl/pearl.htm	Extent:
<i>Salem History Collection</i> URL: http://photos.salemhistory.net/cdm/landingpage/collection/orarc	Extent: 2,211
<i>Scenic Oregon Images and Landscape Photos</i> URL: http://arcweb.sos.state.or.us/pages/records/local/county/scenic/index.html	Extent:
<i>Sold in Oregon: Historical Oregon Trademarks</i> URL: http://arcweb.sos.state.or.us/pages/tm/home.htm	Extent:

<i>YouTube Video Collection</i>	Extent:	5
URL: http://www.youtube.com/user/OregonStateArchives/videos		
OREGON STATE LAW LIBRARY		
<i>Digital Collections</i>	Extent:	
URL: http://digitaLLawLibrary.oregon.gov/		
OREGON STATE LIBRARY		
<i>Building and Street Scenes</i>	Extent:	606
URL: http://photos.lib.state.or.us/exhibit2/vexmain2.htm		
<i>Capitol Anniversary Project</i>	Extent:	
URL: http://www.oregon.gov/osl/GRES/Capitol_Anniversary/Pages/home.aspx		
<i>Oregon Electronic Documents Repository</i>	Extent:	10,000+
URL: http://www.oregon.gov/osl/GRES/pages/REPOS/index.aspx		
<i>Oregon Images</i>	Extent:	435
URL: http://photos.lib.state.or.us/exhibit3/vexmain3.htm		
<i>Oregon National Guard Historical Newsletters</i>	Extent:	203
URL: http://library.state.or.us/databases/subjects/ONGnewsletters.php		
<i>Oregon Voters' Pamphlet Collection</i>	Extent:	205
URL: http://library.state.or.us/databases/subjects/Voters_Pamphlet.php		
<i>Portraits</i>	Extent:	748
URL: http://photos.lib.state.or.us/exhibit4/vexmain4.htm		
<i>Siegmund Collection</i>	Extent:	129
URL: http://photos.lib.state.or.us/exhibit1/vexmain1.htm		
SIUSLAW NATIONAL FOREST		
<i>The Siuslaw National Forest Collection</i>	Extent:	4,816
URL: http://oregondigital.org/digcol/siuslaw/		
<i>Academic Libraries and Archives</i>		
EASTERN OREGON UNIVERSITY		
<i>EOU Historical Photos</i>	Extent:	4,189
URL: http://eou.pastperfect-online.com/36819cgi/mweb.exe?request=advanced;_tkeyword=; t1101=; t1102=; t1103=; t1104=; t1105=; t1106=eou%20historical%20photos; t1107=; t1108=; t1109=; %3E1091=; %3C1092=;dtype=d		
<i>Fred Hill Historical Photographs</i>	Extent:	2,087
URL: http://eou.pastperfect-online.com/36819cgi/mweb.exe?request=advanced;_tkeyword=; t1101=; t1102=; t1103=; t1104=; t1105=; t1106=fred%20hill%20historical%20collection; t1107=; t1108=; t1109=; %3E1091=; %3C1092=;dtype=d		
<i>Oral History of the Grande Ronde</i>	Extent:	30
URL: http://library.eou.edu/ohgr/exhibit1/vexmain1.htm		
<i>Special Collections</i>	Extent:	3
URL: http://library.eou.edu/collections/		
<i>The Fred Hill World War II Photograph Collection</i>	Extent:	1,637
URL: http://eou.pastperfect-online.com/36819cgi/mweb.exe?request=advanced;_tkeyword=; t1101=; t1102=; t1103=; t1104=; t1105=; t1106=%22fred%20hill%20wwii%20collection%22; t1107=; t1108=; t1109=; %3E1091=; %3C1092=;dtype=d		
GEORGE FOX UNIVERSITY		
<i>Bruin Jr. Exhibits</i>	Extent:	47
URL: http://www.georgefox.edu/offices/murdock/Archives/Exhibits/Bruin_Jr/index.html		
<i>May Day Exhibit</i>	Extent:	36
URL: http://www.georgefox.edu/offices/murdock/Archives/Exhibits/May_Day/May%20Day%20Home.html		

<i>Minthorn Hall Exhibit</i>	Extent:	19
URL: http://www.georgefox.edu/offices/murdock/Archives/Exhibits/Minthorn/index.html		
<i>Reminisce With Old Photos</i>	Extent:	36
URL: http://www.georgefox.edu/offices/murdock/Archives/Exhibits/Reminisce/index.html		
<i>The Crescent</i>	Extent:	287
URL: http://www.georgefox.edu/offices/murdock/Archives/Exhibits/Crescent/index.html		
LEWIS & CLARK COLLEGE		
<i>Abigail Scott Duniway Collection</i>	Extent:	15
URL: http://digitalcollections.lclark.edu/items/browse?collection=22		
<i>AccessCeramics</i>	Extent:	285
URL: http://accessceramics.org/		
<i>Albany College Student Newspapers</i>	Extent:	2
URL: http://digitalcollections.lclark.edu/items/browse?collection=25		
<i>Corbett Estate Architectural Drawings</i>	Extent:	7
URL: http://digitalcollections.lclark.edu/items/browse?collection=9		
<i>Erskine Wood Family Collection</i>	Extent:	51
URL: http://digitalcollections.lclark.edu/items/browse?collection=10		
<i>Fir Acres Architectural Sketches</i>	Extent:	8
URL: http://digitalcollections.lclark.edu/items/browse?collection=11		
<i>Gordon Gilkey Prints</i>	Extent:	41
URL: http://digitalcollections.lclark.edu/items/browse?collection=12		
<i>Hugh Deane Collection</i>	Extent:	14
URL: http://digitalcollections.lclark.edu/items/browse?collection=13		
<i>Karl Bodmer Images</i>	Extent:	29
URL: http://digitalcollections.lclark.edu/items/browse?collection=14		
<i>L. Stanley Glarum Collection</i>	Extent:	312
URL: http://digitalcollections.lclark.edu/items/browse?collection=27		
<i>Lewis & Clark Campus Maps</i>	Extent:	20
URL: http://digitalcollections.lclark.edu/items/browse?collection=6		
<i>Lewis & Clark College Historical Photographs</i>	Extent:	2,298
URL: http://digitalcollections.lclark.edu/items/browse?collection=4		
<i>Lewis & Clark College Student Newspaper - Pioneer Log</i>	Extent:	1,623
URL: http://digitalcollections.lclark.edu/items/browse?collection=35		
<i>Lewis & Clark College Student Newspaper - Sacajawea's Voice</i>	Extent:	13
URL: http://digitalcollections.lclark.edu/items/browse?collection=31		
<i>Lewis & Clark College Yearbooks</i>	Extent:	78
URL: http://digitalcollections.lclark.edu/items/browse?collection=1		
<i>Maps of North America</i>	Extent:	11
URL: http://digitalcollections.lclark.edu/items/browse?collection=15		
<i>Oregon Images</i>	Extent:	88
URL: http://digitalcollections.lclark.edu/items/browse?collection=17		
<i>Poetic Voices</i>	Extent:	418
URL: http://oregonpoeticvoices.org/		
<i>Poetry Broadsides</i>	Extent:	31
URL: http://digitalcollections.lclark.edu/items/browse?collection=5		
<i>Portraits of William Stafford</i>	Extent:	61
URL: http://digitalcollections.lclark.edu/items/browse?collection=2		
<i>Special Collections Publications</i>	Extent:	66
URL: http://digitalcollections.lclark.edu/items/browse?collection=16		

<i>Susan B. Anthony Journals</i> URL: http://digitalcollections.lclark.edu/items/browse?collection=23	Extent:	7
<i>The Revolution</i> URL: http://digitalcollections.lclark.edu/items/browse?collection=21	Extent:	214
<i>The William Stafford Archives</i> URL: http://williamstaffordarchives.org/	Extent:	174
<i>WPA Costumes of the World</i> URL: http://digitalcollections.lclark.edu/items/browse?collection=18	Extent:	100
<i>WWII Civilian Public Service Art</i> URL: http://digitalcollections.lclark.edu/items/browse?collection=3	Extent:	4
<i>WWII Civilian Public Service Camp Newsletters</i> URL: http://digitalcollections.lclark.edu/items/browse?collection=7	Extent:	46
<i>WWII Civilian Public Service Camp Photographs</i> URL: http://digitalcollections.lclark.edu/items/browse?collection=8	Extent:	462
LINCOLN COUNTY HISTORICAL SOCIETY		
<i>Lincoln County Historical Society Archive</i> URL: http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Flchsa	Extent:	1,393
LINFIELD COLLEGE		
<i>Digital Commons</i> URL: http://digitalcommons.linfield.edu/	Extent:	2,747
OREGON HEALTH AND SCIENCE UNIVERSITY		
<i>Beauty of the PNW Collection</i> URL: http://drl.ohsu.edu/cdm/landingpage/collection/beauty	Extent:	125
<i>Campus Collection</i> URL: http://drl.ohsu.edu/cdm/landingpage/collection/drl	Extent:	2,325
<i>Classis Article Collection</i> URL: http://drl.ohsu.edu/cdm/landingpage/collection/p16096coll6	Extent:	276
<i>Clinical Outcomes Research Initiative (CORI)</i> URL: http://drl.ohsu.edu/cdm/landingpage/collection/logan	Extent:	1,494
<i>CSETech</i> URL: http://drl.ohsu.edu/cdm/landingpage/collection/csetech	Extent:	346
<i>FDA Drug Approval Documents</i> URL: http://drl.ohsu.edu/cdm/landingpage/collection/fdadrug	Extent:	87
<i>Naturopathic Medicine Historical Collection</i> URL: http://drl.ohsu.edu/cdm/landingpage/collection/nmhc2	Extent:	20
<i>OHSU Historical Collections & Archives</i> URL: http://drl.ohsu.edu/cdm/landingpage/collection/hom	Extent:	3,012
<i>OHSU Oral History Collection</i> URL: http://drl.ohsu.edu/cdm/landingpage/collection/p16096coll1	Extent:	10
<i>Oregon National Primate Research Center Rare Books</i> URL: http://drl.ohsu.edu/cdm/landingpage/collection/p16096coll3	Extent:	11
<i>Student Scholar Archive</i> URL: http://drl.ohsu.edu/cdm/landingpage/collection/etd	Extent:	947
OREGON INSTITUTE OF TECHNOLOGY		
<i>Crater Lake Digital Research Collection</i> URL: http://digitallib.oit.edu/cdm/landingpage/collection/craterlake	Extent:	356
<i>Geo-Heat Digital Library</i> URL: http://digitallib.oit.edu/cdm/landingpage/collection/geoheat	Extent:	523

<i>GLO Survey Notes Mapping</i> URL: http://digitalib.oit.edu/cdm/landingpage/collection/USGS	Extent:	82
<i>Klamath Project Annual Project Histories</i> URL: http://digitalib.oit.edu/cdm/landingpage/collection/histories	Extent:	42
<i>Klamath Waters Digital Library</i> URL: http://digitalib.oit.edu/cdm/landingpage/collection/kwl	Extent:	4,612
<i>Senior Projects</i> URL: http://digitalib.oit.edu/cdm/landingpage/collection/sprojects	Extent:	10
<i>Shaw Oral History Project</i> URL: http://www.oit.edu/shaw/collections/oral-history	Extent:	6
OREGON STATE UNIVERSITY		
<i>1993 ODFW Oregon Rocky Shore Aerial Photography Survey</i> URL: http://oregondigital.org/cdm4/browse.php?CISOROOT=/rockshore93	Extent:	300
<i>Braceros in Oregon Photograph Collection</i> URL: http://oregondigital.org/digcol/bracero/	Extent:	103
<i>Building Oregon: Architecture of Oregon and the Pacific Northwest</i> URL: http://oregondigital.org/digcol/archpnw/	Extent:	21,250
<i>Chinese Disinterment Documents</i> URL: http://scarc.library.oregonstate.edu/omeka/collections/show/41	Extent:	83
<i>Fairbanks Gallery Fine Art Prints Collection</i> URL: http://oregondigital.org/digcol/fairbanks/	Extent:	471
<i>Fighters on the Farm Front</i> URL: http://scarc.library.oregonstate.edu/omeka/collections/show/31	Extent:	102
<i>Gifford Photographic Collection</i> URL: http://oregondigital.org/digcol/gifford/	Extent:	1237
<i>History of Atomic Energy</i> URL: http://scarc.library.oregonstate.edu/omeka/collections/show/6	Extent:	152
<i>Linus Pauling: Awards, Honors, and Medals</i> URL: http://osulibrary.oregonstate.edu/specialcollections/coll/pauling/awards/	Extent:	
<i>Linus Pauling: Awards, Honors, and Medals</i> URL: http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fpawards	Extent:	238
<i>Linus Pauling: Day-by-Day</i> URL: http://osulibrary.oregonstate.edu/specialcollections/coll/pauling/calendar/	Extent:	
<i>Linus Pauling: International Peace Movement</i> URL: http://osulibrary.oregonstate.edu/specialcollections/coll/pauling/peace/	Extent:	
<i>Linus Pauling: It's in the Blood! A Documentary History of Linus Pauling, Hemoglobin and Sickle Cell Anemia</i> URL: http://osulibrary.oregonstate.edu/specialcollections/coll/pauling/blood/	Extent:	
<i>Linus Pauling: It's in the Blood! A Documentary History of Linus Pauling, Hemoglobin and Sickle Cell Anemia</i> URL: http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fssickle	Extent:	97
<i>Linus Pauling: Nature of the Chemical Bond: A Documentary History</i> URL: http://osulibrary.oregonstate.edu/specialcollections/coll/pauling/bond/	Extent:	
<i>Linus Pauling: Nature of the Chemical Bond: A Documentary History</i> URL: http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fchembond	Extent:	858
<i>Linus Pauling: Scientific War Work</i> URL: http://osulibrary.oregonstate.edu/specialcollections/coll/pauling/war/	Extent:	
<i>Linus Pauling: The Race for DNA</i> URL: http://osulibrary.oregonstate.edu/specialcollections/coll/pauling/dna/index.html	Extent:	

<i>Linus Pauling: The Race for DNA</i>	Extent:	179
URL: http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fdna		
<i>Middle East Water Collection</i>	Extent:	10,228
URL: http://oregondigital.org/digcol/mewaters/		
<i>One Hundred Years of OSU Extension</i>	Extent:	157
URL: http://scarc.library.oregonstate.edu/omeka/collections/show/36		
<i>Oregon Explorer</i>	Extent:	
URL: http://www.oregonexplorer.info/		
<i>Oregon Explorer</i>	Extent:	330
URL: http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Foe_explorer		
<i>Oregon Institute of Marine Biology Slides & Photographs</i>	Extent:	7,192
URL: http://oregondigital.org/digcol/oimb		
<i>Oregon Maps</i>	Extent:	199
URL: http://oregondigital.org/digcol/ormaps/		
<i>Oregon Multicultural Archives Digital Collection</i>	Extent:	747
URL: http://oregondigital.org/digcol/cultural/		
<i>Oregon State Baseball</i>	Extent:	1,634
URL: http://oregondigital.org/cdm4/browse.php?CISOROOT=/baseball		
<i>OSU Archives</i>	Extent:	5,141
URL: http://oregondigital.org/digcol/archives/		
<i>OSU Chronological History</i>	Extent:	203
URL: http://scarc.library.oregonstate.edu/omeka/collections/show/61		
<i>OSU Extension Service Oral History Collection</i>	Extent:	
URL: http://osulibrary.oregonstate.edu/digitalcollections/extensionoralhistory/index.html		
<i>OSU Extension Service Oral History Collection</i>	Extent:	30
URL: http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fextension		
<i>OSU Herbarium Type Specimens</i>	Extent:	1,968
URL: http://oregondigital.org/digcol/herbarium/		
<i>Pacific Northwest Stream Survey</i>	Extent:	1,184
URL: http://oregondigital.org/cdm4/browse.php?CISOROOT=/streamsurve		
<i>Rising Flood Waters: 1964 Corvallis</i>	Extent:	59
URL: http://oregondigital.org/digcol/corflood64/		
<i>Scanned Maps</i>	Extent:	82
URL: http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fmismaps		
<i>ScholarsArchive@OSU</i>	Extent:	41,034
URL: http://ir.library.oregonstate.edu		
<i>The Gerald W. Williams Collection</i>	Extent:	1977
URL: http://oregondigital.org/digcol/gwilliams/		
<i>The McDonald Collection</i>	Extent:	110
URL: http://scarc.library.oregonstate.edu/omeka/collections/show/11		
<i>The Roger Hayward Papers</i>	Extent:	432
URL: http://scarc.library.oregonstate.edu/omeka/collections/show/16		
<i>The Seed & Nursery Catalogue in Europe & the U.S., a Short History</i>	Extent:	182
URL: http://osulibrary.oregonstate.edu/specialcollections/omeka/exhibits/show/seed		
<i>The Water Conflict and Cooperation Bibliography</i>	Extent:	
URL: http://osulibrary.oregonstate.edu/digitalcollections/tfdd/		
<i>The Water Conflict and Cooperation Bibliography</i>	Extent:	2,123
URL: http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Ftfdd		
<i>Waldo Hall History</i>	Extent:	281
URL: http://scarc.library.oregonstate.edu/omeka/collections/show/51		

PACIFIC UNIVERSITY

<i>Asian Art at Pacific University</i> URL: http://cdm15925.contentdm.oclc.org/cdm/landingpage/collection/p15925coll2	Extent:	5
<i>CommonKnowledge</i> URL: http://commons.pacificu.edu	Extent:	5,073
<i>Cyrus Walker Papers</i> URL: http://exhibits.lib.pacificu.edu/exhibits/show/walker	Extent:	313
<i>Lyman Family Letters</i> URL: http://exhibits.lib.pacificu.edu/exhibits/show/lyman-papers-test	Extent:	285
<i>Ocular Disease Collection</i> URL: http://cdm15925.contentdm.oclc.org/cdm/landingpage/collection/p15925coll4	Extent:	338
<i>Politics of the AIDS and Gay & Lesbian Movements</i> URL: http://exhibits.lib.pacificu.edu/exhibits/show/aids-gay-lesbian	Extent:	28
<i>Victor Atiyeh Collection</i> URL: http://exhibits.lib.pacificu.edu/exhibits/show/atiyeh	Extent:	570
<i>Washington County Heritage Online</i> URL: http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll2	Extent:	4,118

PORTLAND STATE UNIVERSITY

<i>Finding Aids: Special Collections & University Archives</i> URL: https://archives.pdx.edu/archon/?p=collection/collections	Extent:	52
<i>Oregon Encyclopedia</i> URL: http://www.oregonencyclopedia.org/	Extent:	1,042
<i>Oregon Sustainable Community Digital Library</i> URL: http://oscdl.research.pdx.edu/	Extent:	2,267
<i>PDXScholar</i> URL: http://dr.archives.pdx.edu/xmlui/	Extent:	3,234
<i>University Archives Digital Gallery</i> URL: https://archives.pdx.edu/digitalgallery/pages/home.php	Extent:	8,027

SOUTHERN OREGON UNIVERSITY

<i>Dean & Mary Collins Collection</i> URL: http://digital.hanlib.sou.edu/cdm/landingpage/collection/p16085coll3	Extent:	98
<i>eScholarship@SOU</i> URL: http://140.211.95.2:8080/awweb/main.jsp?ittype=bscs	Extent:	173
<i>Geometry in our World</i> URL: http://digital.hanlib.sou.edu/cdm/landingpage/collection/p16085coll1	Extent:	348
<i>Historic Southern Oregon University</i> URL: http://digital.hanlib.sou.edu/cdm/landingpage/collection/p15013coll6	Extent:	307
<i>Kalmiopsis Wilderness</i> URL: http://digital.hanlib.sou.edu/cdm/landingpage/collection/p16085coll7	Extent:	417
<i>Oregon Shakespeare Festival</i> URL: http://digital.hanlib.sou.edu/cdm/landingpage/collection/p15013coll3	Extent:	319
<i>Pear Packing - A Season of Women's Work</i> URL: http://digital.hanlib.sou.edu/cdm/landingpage/collection/p16085coll4	Extent:	25
<i>Peter Britt Photographs</i> URL: http://digital.hanlib.sou.edu/cdm/landingpage/collection/p15013coll1	Extent:	776
<i>Rogue River National Forest Historic Images</i> URL: http://digital.hanlib.sou.edu/cdm/landingpage/collection/p15013coll4	Extent:	649
<i>Schuman Musical Instruments</i>	Extent:	101

URL: <u>http://digital.hanlib.sou.edu/cdm/landingpage/collection/p16085coll2</u>		
<i>SODA: Bioregion Collection</i> URL: <u>http://soda.sou.edu:8080/soda/search/index.html?awcollection=Bioregion#link/search/new</u>	Extent:	2,192
<i>SODA: First Nations Collection</i> URL: <u>http://soda.sou.edu:8080/soda/search/index.html?awcollection=Tribal#link/search/new</u>	Extent:	544
<i>SODA: Southern Oregon History Collection</i> URL: <u>http://soda.sou.edu:8080/soda/search/index.html?awcollection=History#link/search/new</u>	Extent:	864
<i>Wine of Southern Oregon</i> URL: <u>http://digital.hanlib.sou.edu/cdm/landingpage/collection/p16085coll8</u>	Extent:	35
UNIVERSITY OF OREGON		
<i>African Political Ephemera and Realia</i> URL: <u>http://oregondigital.org/digcol/afpep/</u>	Extent:	66
<i>Artists' Books at the University of Oregon Libraries</i> URL: <u>http://oregondigital.org/digcol/bookarts/</u>	Extent:	643
<i>Chaim Perelman Archives</i> URL: <u>http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fperelman</u>	Extent:	4
<i>Dissertation & Trauma Archives</i> URL: <u>http://oregondigital.org/digcol/diss/</u>	Extent:	53
<i>Doris Ulmann Photographs</i> URL: <u>http://oregondigital.org/digcol/ulmann/</u>	Extent:	1,782
<i>e-Asia Digital Library</i> URL: <u>http://e-asia.uoregon.edu/</u>	Extent:	
<i>Historic Oregon Newspapers</i> URL: <u>http://oregonnews.uoregon.edu</u>	Extent:	
<i>Historic Sheet Music</i> URL: <u>http://oregondigital.org/digcol/sheetmusic/</u>	Extent:	1,060
<i>Historical Photographs</i> URL: <u>http://oregondigital.org/digcol/gh/</u>	Extent:	1,580
<i>Japanese American Student Relocation</i> URL: <u>http://oregondigital.org/digcol/jasr/</u>	Extent:	28
<i>Lesbian Intentional Communities: Ruth Mountaingrove Photographs</i> URL: <u>http://oregondigital.org/digcol/comm/</u>	Extent:	918
<i>Lowenstam Collection of Ancient Western Art and Archaeology</i> URL: <u>http://oregondigital.org/digcol/lowenstam/</u>	Extent:	14,872
<i>Manuscripts and Rare Books</i> URL: <u>http://oregondigital.org/cdm4/browse.php?CISOROOT=%2FManuscripts</u>	Extent:	3
<i>Mongolian Altai Inventory Image Collection</i> URL: <u>http://oregondigital.org/digcol/maic/</u>	Extent:	2,827
<i>Northwest Folklife Digital Collection</i> URL: <u>http://oregondigital.org/digcol/folklore/</u>	Extent:	6,242
<i>Oregon Daily Emerald Archives</i> URL: <u>http://oregondigital.org/digcol/digcol/ode/</u>	Extent:	1,346
<i>Oregon Latino Heritage</i> URL: <u>http://oregondigital.org/digcol/latinoherit/</u>	Extent:	134
<i>Oregon Maps</i> URL: <u>http://oregondigital.org/digcol/ormaps/</u>	Extent:	199
<i>Percent for Art</i> URL: <u>http://oregondigital.org/digcol/oac/</u>	Extent:	3,491
<i>Petrarch</i>	Extent:	8

URL: http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fpetrarch		
<i>Picturing the Cayuse, Walla Walla & Umatilla Tribes</i> URL: http://oregondigital.org/digcol/mh/	Extent:	315
<i>ScholarsBank</i> URL: https://scholarsbank.uoregon.edu/xmlui/	Extent:	11,146
<i>Tribal Legacies</i> URL: http://oregondigital.org/digcol/tlegacies/	Extent:	145
<i>UO Archives Photographs</i> URL: http://oregondigital.org/digcol/univ/	Extent:	1,144
<i>UO Athletics</i> URL: http://oregondigital.org/digcol/athletics/	Extent:	5,773
<i>UO Channel</i> URL: http://media.uoregon.edu/channel/	Extent:	
<i>UO Office of the President</i> URL: http://oregondigital.org/digcol/uopres/	Extent:	617
<i>UO Stock Photos</i> URL: http://oregondigital.org/digcol/uostock/	Extent:	2,003
<i>UO Veterans</i> URL: http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fuovets	Extent:	28
<i>Western Waters Digital Library: Columbia River Basin</i> URL: http://oregondigital.org/digcol/wwdl/	Extent:	254

UNIVERSITY OF PORTLAND

<i>Art in the Clark Library</i> URL: http://up.contentdm.oclc.org/cdm/landingpage/collection/p16472coll2	Extent:	5
<i>Campus Aerial Views and Maps</i> URL: http://up.contentdm.oclc.org/cdm/landingpage/collection/p15458coll2	Extent:	44
<i>The Art of Deception - Theatrical Makeup</i> URL: http://up.contentdm.oclc.org/cdm/landingpage/collection/p15458coll5	Extent:	5
<i>University Presidents</i> URL: http://up.contentdm.oclc.org/cdm/landingpage/collection/p15458coll1	Extent:	151

UNIVERSITY OF SOUTHERN CALIFORNIA LIBRARIES

<i>Digital Public Library of America</i> URL: http://dp.la/search?partner[]=%22University+of+Southern+California.+Libraries%22&q=Oregon&utf8=%E2%9C%93	Extent:	538
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UNIVERSITY OF WASHINGTON

<i>American Indians of the Pacific Northwest Collection</i> URL: http://content.lib.washington.edu/aipnw/index.html	Extent:	3,888
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WASHINGTON STATE UNIVERSITY VANCOUVER

<i>Columbia River Basin Ethnic History Project: Oregon Historical Society Ethnic History Collection</i> URL: http://archive.vancouver.wsu.edu/crbeha/home.htm	Extent:	582
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WESTERN OREGON UNIVERSITY

<i>Robert W. Straub Oregon Beaches Collection</i> URL: http://digitalcommons.wou.edu/straub/	Extent:	56
<i>Cooperative Governor's Papers Portal</i> URL: http://www.wou.edu/provost/library/archives/oregongovernors/	Extent:	
<i>Digital Commons</i> URL: http://digitalcommons.wou.edu/	Extent:	706

WILLAMETTE UNIVERSITY

<i>Academic Commons</i> URL: http://libmedia.willamette.edu/collections/collections.php	Extent: 3,741
<i>Congressional and Political Papers</i> URL: http://library.willamette.edu/archives/collections/congress/	Extent: 0
<i>Pacific Northwest Artists Archive</i> URL: http://library.willamette.edu/archives/collections/pnaa/	Extent: 352
<i>Special Collections</i> URL: http://library.willamette.edu/archives/collections/special/	Extent: 2,181
<i>University Archives and Records</i> URL: http://library.willamette.edu/archives/collections/university/	Extent: 2,564

Public Libraries

ALBANY PUBLIC LIBRARY

<i>Contentdm Title</i> URL: http://cdm16440.contentdm.oclc.org	Extent: 227
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BAKER COUNTY LIBRARY

<i>Historic Photographs</i> URL: http://173.201.75.33/webphoto/	Extent: 7,116
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CEDAR MILL COMMUNITY LIBRARY

<i>Washington County Heritage Online</i> URL: http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll4	Extent: 51
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CORNELIUS PUBLIC LIBRARY

<i>Washington County Heritage Online</i> URL: http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll9	Extent: 144
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CORVALLIS-BENTON COUNTY PUBLIC LIBRARY

<i>Corvallis Gazette-Times index 7-1-1969 through 11-30-1999</i> URL: http://corvallis.libguides.com/gtindex	Extent: 2
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ECHO PUBLIC LIBRARY

<i>Echo Historical photos</i> URL: http://echo-oregon.com/gallery-historical.html	Extent: 12
<i>History of Echo</i> URL: http://echo-oregon.com/index-2.html	Extent: 8

FOREST GROVE CITY LIBRARY

<i>Washington County Heritage Online</i> URL: http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll6	Extent: 89
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HARNEY COUNTY LIBRARY

<i>Claire McGill Luce Western History Room</i> URL: http://www.harneycountylibrary.org/western-history-room/exhibits/claire-mcgill-luce-western-history-room	Extent: 11
<i>Early Day Homes of Burns, Oregon</i> URL: http://www.harneycountylibrary.org/western-history-room/exhibits/historic-homes-of-burns-oregon	Extent: 33
<i>Early Day Threshing Operations in Harney County</i> URL: http://www.harneycountylibrary.org/western-history-room/exhibits/early-day-threshing-operations-in-harney-county	Extent: 19
<i>Edward Hines Lumber Mill</i> URL: http://www.harneycountylibrary.org/western-history-room/exhibits/edward-hines-lumber-mill	Extent: 86

<i>Harney County Pioneers</i>	Extent:	34
URL: http://www.harneycountylibrary.org/western-history-room/exhibits/harney-county-pioneers		
<i>Historic Burns, Oregon</i>	Extent:	15
URL: http://www.harneycountylibrary.org/western-history-room/exhibits/historic-burns-oregon		
<i>Rodeo</i>	Extent:	9
URL: http://www.harneycountylibrary.org/western-history-room/exhibits/rodeo		
<i>Sagebrush Symphony Orchestra</i>	Extent:	8
URL: http://www.harneycountylibrary.org/western-history-room/exhibits/sagebrush-symphony-orchestra		
<i>Unidentified Photographs from the Collection of Agnes Brown</i>	Extent:	7
URL: http://www.harneycountylibrary.org/western-history-room/exhibits/unidentified-photographs-from-the-collection-of-agnes-brown		

MULTNOMAH COUNTY PUBLIC LIBRARY

<i>Centennial Library Collection</i>	Extent:	47
URL: http://cdm16493.contentdm.oclc.org/cdm/search/collection/p16493coll1/collection/p16493coll1		

SALEM PUBLIC LIBRARY

<i>Ben Maxwell</i>	Extent:	5,596
URL: http://photos.salemhistory.net/cdm/landingpage/collection/max		
<i>Bush Family Historic Photographs</i>	Extent:	2,203
URL: http://photos.salemhistory.net/cdm/landingpage/collection/bushhouse		
<i>Special Collections</i>	Extent:	2,277
URL: http://photos.salemhistory.net/cdm/landingpage/collection/specialcol		
<i>Statesman Journal</i>	Extent:	1,089
URL: http://photos.salemhistory.net/cdm/landingpage/collection/sj		

TIGARD PUBLIC LIBRARY

<i>Washington County Heritage Online</i>	Extent:	45
URL: http://washingtoncountyheritage.org/cdm/search/collection/p16047coll5		

Museums and Historical Societies

BANKS HISTORICAL SOCIETY

<i>Washington County Heritage Online</i>	Extent:	93
URL: http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll8		

CLATSOP COUNTY HISTORICAL SOCIETY

<i>Photo Gallery</i>	Extent:	521
URL: http://www.flickr.com/photos/clatsop_county_historical_society/		

COLUMBIA GORGE DISCOVERY CENTER AND WASCO COUNTY HISTORICAL MUSEUM

<i>Columbia Gorge Discovery Center Baskets of the Northwest Catalog</i>	Extent:	748
URL: http://www.gorgediscovery.org/basketarchive/newBrowse.asp?offset=0		
<i>Columbia Gorge Discovery Center Photo Archive</i>	Extent:	8,438
URL: http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fcgdc		

<i>Columbia Gorge Discovery Center Photo Archive</i>	Extent:	1,100
URL: http://www.gorgediscovery.org/photoarchive/newBrowse.asp		

COOS ART MUSEUM

<i>Permanent Collection</i>	Extent:	335
URL: http://www.coosart.org/permanent-collection-with-sizes/#lightbox/0/		

DICKINSON RESEARCH CENTER, NATIONAL COWBOY & WESTERN HERITAGE MUSEUM

<i>Image Archive Database</i>	Extent:	8,491
URL: http://www.dickinson.org/		

URL: <http://imagedb.nationalcowboymuseum.org>

FRIENDS OF HISTORIC FOREST GROVE

Washington County Heritage Online
Extent: 323
URL: <http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll7>

HISTORY MUSEUM OF HOOD RIVER COUNTY

Historic Hood River Photo Blog
Extent: 644
URL: <http://www.historichooodriver.com/>

KLAMATH COUNTY MUSEUMS

Photo Gallery
Extent:
URL: http://www.co.klamath.or.us/museum/Photo_Gallery.htm

LANE COUNTY HISTORICAL MUSEUM

PastPerfect Online
Extent: 3,000
URL: <http://laneounty.pastperfect-online.com/33692cgi/mweb.exe?request=ks>

MARION COUNTY HISTORICAL SOCIETY

Salem History Collection
Extent: 328
URL: <http://photos.salemhitory.net/cdm/landingpage/collection/mchs>

OLD AURORA COLONY HISTORICAL MUSEUM

Exhibits
Extent:
URL: <http://www.auroracolony.org/old/aurora/colony/exhibits>

OREGON HISTORICAL SOCIETY

Artifacts Gallery
Extent: 22
URL: <http://www.ohs.org/research/library/artifacts/>

Collections Online Catalog
Extent: 48,484
URL: <http://librarycatalog.ohs.org/eosweb/opac/>

Meet Me at the Movies
Extent:
URL: <http://www.ohs.org/exhibits/online/meet-me-at-the-movies.cfm>

Native American Basketry
Extent:
URL: <http://www.ohs.org/exhibits/online/native-american-basketry.cfm>

Oregon History Project
Extent:
URL: <http://www.ohs.org/the-oregon-history-project/>

Photograph Gallery
Extent: 244
URL: <http://www.ohs.org/research/library/photograph-gallery/>

Photos (ecommerce site)
Extent: 1,650
URL: <http://shop.ohs.org/>

OREGON JEWISH MUSEUM

Glimpse into the Archives
Extent:
URL: http://www.ojm.org/archives_monthly.htm

OREGON NIKKEI ENDOWMENT

Oregon Nikkei Legacy Center Collections
Extent: 781
URL: <http://www.flickr.com/photos/onlc/>

OREGON STATE HOSPITAL MUSEUM OF MENTAL HEALTH

OHS Research and Artifact News
Extent:
URL: <http://oshmuseum.org/research/>

PORLTAND ART MUSEUM

African Art
Extent: 12

URL: <http://www.portlandartmuseum.us/mwebcgi/mweb.exe?request=advanced;source=1;dtype=i;subset=100>

<i>American Art</i> URL: http://www.portlandartmuseum.org/page.aspx?pid=528	Extent:	92
<i>Ancient Art</i> URL: http://www.portlandartmuseum.us/mwebcgi/mweb.exe?request=advanced;source=4;dtype=i;subset=100	Extent:	100
<i>Asian Art</i> URL: http://www.portlandartmuseum.org/page.aspx?pid=529	Extent:	619
<i>European Art</i> URL: http://www.portlandartmuseum.org/page.aspx?pid=530	Extent:	183
<i>Graphic Arts</i> URL: http://www.portlandartmuseum.org/page.aspx?pid=535	Extent:	952
<i>Modern and Contemporary Art</i> URL: http://www.portlandartmuseum.org/page.aspx?pid=531	Extent:	890
<i>Native American Art</i> URL: http://www.portlandartmuseum.org/page.aspx?pid=532	Extent:	1,255
<i>Northwest Art</i> URL: http://www.portlandartmuseum.org/page.aspx?pid=533	Extent:	2,390
<i>Photography</i> URL: http://www.portlandartmuseum.org/page.aspx?pid=534	Extent:	3,333
<i>Pre-Columbian Art</i> URL: http://www.portlandartmuseum.us/mwebcgi/mweb.exe?request=advanced;source=1024;dtype=i;subset=100	Extent:	24
<i>Silver</i> URL: http://www.portlandartmuseum.org/page.aspx?pid=536	Extent:	71
<i>Western Decorative Art</i> URL: http://www.portlandartmuseum.us/mwebcgi/mweb.exe?request=advanced;source=8192;dtype=i;subset=100	Extent:	78

SMITHSONIAN INSTITUTION

<i>CollectionSearchCenter: Other collections</i> URL: http://collections.si.edu/search/results.htm?q=Oregon&tag.cstype=all	Extent:	7,660
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SMITHSONIAN NATURAL MUSEUM OF NATURAL HISTORY

<i>Anthropology Collections Database</i> URL: http://collections.si.edu/search/results.htm?tag.cstype=all&q=Oregon&fq=data_source%22NMNH+-+Anthropology+Dept.%22	Extent:	7,288
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SOUTHERN OREGON HISTORICAL SOCIETY

<i>Online Catalog</i> URL: http://sohs.pastperfect-online.com/	Extent:	3,915
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SOUTHERN OREGON UNIVERSITY

<i>Southern Oregon Historical Society</i> URL: http://digital.hanlib.sou.edu/cdm/landingpage/collection/p15013coll2	Extent:	801
<i>Southern Oregon University Insect Museum</i> URL: http://digital.hanlib.sou.edu/cdm/landingpage/collection/p16085coll6	Extent:	80

ST. PAUL MISSION HISTORICAL SOCIETY

<i>Photograph and Archival Collections</i> URL: http://spmhs.pastperfect-online.com/collections.html	Extent:	2,578
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TAMASTSLIKT CULTURAL INSTITUTE

<i>Restoring Our Names</i> URL: http://www.digitalcultures.com/ctuirMap/	Extent:	
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UNIVERSITY OF OREGON

<i>Jordan Schnitzer Museum of Art: Americas Collection</i> URL: http://jsma.uoregon.edu/americas	Extent:	3,128
<i>Jordan Schnitzer Museum of Art: Chinese Collections</i> URL: http://jsmacollection.uoregon.edu/info.php?f=CULTURE&type=browse&t=objects&s=Chinese	Extent:	452
<i>Jordan Schnitzer Museum of Art: European Art and Russian Icons</i> URL: http://jsmacollection.uoregon.edu/info.php?f=CULTURE&type=browse&t=objects&s=European	Extent:	575
<i>Jordan Schnitzer Museum of Art: Japanese Art</i> URL: http://jsma.uoregon.edu/japanese	Extent:	1,037
<i>Jordan Schnitzer Museum of Art: Korean Collections</i> URL: http://jsma.uoregon.edu/korean	Extent:	249
<i>Jordan Schnitzer Museum of Art: Northwest Art Collection</i> URL: http://jsma.uoregon.edu/americas	Extent:	1,745
<i>Jordan Schnitzer Museum of Art: Photography Collections</i> URL: http://jsma.uoregon.edu/photography	Extent:	581
<i>Jordan Schnitzer Museum of Art: South & Southeast Asian Art & Art of the Islamic World</i> URL: http://jsma.uoregon.edu/south-southeast-asian-art-art-islamic-world	Extent:	44

WASHINGTON COUNTY MUSEUM

<i>Finley Photographs Exhibit</i> URL: http://wcmuseumexhibits.org/	Extent:	
<i>Washington County Heritage Online</i> URL: http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll1	Extent:	1,924

WRIGHT ARCHIVES

<i>Jackson County Pioneer Index</i> URL: http://www.wrightarchives.com/archive.html	Extent:	
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Other Organizations

CENTRO CULTURAL

<i>Washington County Heritage Online</i> URL: http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll3	Extent:	904
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COMMUNITY ACTION

<i>Washington County Heritage Online</i> URL: http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll10	Extent:	116
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DAVID RUMSEY HISTORICAL MAP COLLECTION

<i>Digital Public Library of America</i> URL: http://dp.la/search?partner%5B%5D=David+Rumsey&q=Oregon&utf8=%E2%9C%93	Extent:	1,137
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FAMILYSEARCH

<i>Oregon, Baker County Records, 1862-1950</i> URL: https://familysearch.org/search/collection/1384963	Extent:	66,538
<i>Oregon, Benton County Records, 1856-1984</i> URL: https://familysearch.org/search/collection/1929994	Extent:	75,599
<i>Oregon, Births and Christenings, 1868-1929</i> URL: https://familysearch.org/search/collection/1675468	Extent:	61,020
<i>Oregon, Civil War Service Records of Union Soldiers, 1861-1865</i> URL: https://familysearch.org/search/collection/1932421	Extent:	53,945
<i>Oregon, Columbia County Records, 1854-1958</i> URL: https://familysearch.org/search/collection/1923992	Extent:	91,013

<i>Oregon, County Marriages, 1851-1975</i> URL: https://familysearch.org/search/collection/1803968	Extent:	104,501
<i>Oregon, Death Index, 1903-1998</i> URL: https://familysearch.org/search/collection/1946790	Extent:	1,447,641
<i>Oregon, Deaths and Burials, 1903-1947</i> URL: https://familysearch.org/search/collection/1675532	Extent:	22,625
<i>Oregon, Douglas County Records, 1852-1952</i> URL: https://familysearch.org/search/collection/1972896	Extent:	184,548
<i>Oregon, Marion County Records, 1849-1976</i> URL: https://familysearch.org/search/collection/2071970	Extent:	406,225
<i>Oregon, Marriages, 1853-1935</i> URL: https://familysearch.org/search/collection/1675533	Extent:	58,915
<i>Oregon, Polk County Records, 1857-1972</i> URL: https://familysearch.org/search/collection/1453591	Extent:	34,823
<i>Oregon, Tillamook County Records, 1854-1967</i> URL: https://familysearch.org/search/collection/2115693	Extent:	64,546
<i>Oregon, Wasco County Records, 1854-1960</i> URL: https://familysearch.org/search/collection/1927592	Extent:	129,959
<i>Oregon, Yamhill County Records, 1857-1963</i> URL: https://familysearch.org/search/collection/1930095	Extent:	83,300

HATHITRUST

<i>Digital Public Library of America</i> URL: http://dp.la/search?partner%I=HathiTrust&q=Oregon&utf8=%E2%9C%93	Extent:	3,605
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INTERNET ARCHIVE

<i>Digital Public Library of America</i> URL: http://dp.la/search?partner%I=Internet+Archive&q=Oregon&utf8=%E2%9C%93	Extent:	230
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MOUNTAIN WEST DIGITAL LIBRARY

<i>Digital Public Library of America</i> URL: http://dp.la/search?partner%I=Mountain+West+Digital+Library&q=Oregon&utf8=%E2%9C%93	Extent:	1,316
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OREGON WOMEN'S HISTORY CONSORTIUM

<i>Century of Action: Oregon Women Vote, 1912–2012</i> URL: http://centuryofaction.org/	Extent:	
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OTHER PROJECTS WITH OREGON CONTENT

Not included in the above list are projects that provide content behind a paywall or authentication system. A partial list of such content is included below, though it generally lacks scope and extent information as well as categorization. Some of the content included in Ancestry.com may eventually become available to the public, either by expiration of contractual limitations on access or due to agreements such as the one announced by Ancestry.com and FamilySearch on September 5, 2013.¹⁵

¹⁵ Ancestry.com. (2013, September 05). *Ancestry.com and FamilySearch to make a billion global records available online*. Retrieved from <http://ir.ancestry.com/releasedetail.cfm?ReleaseID=789127>.

ANCESTRY.COM

Ancestry.com is a for-profit genealogy company that operates a number of subscription-based websites offering genealogical and historical records. Ancestry.com has at times digitized the original source material from libraries and archives; Ancestry.com partners then typically receive copies of the digital files but are prohibited from making them generally available to the public for some period of time (often three or five years).

Ancestry.com lists 85 collections with Oregon-specific content. Some of these collections consist of a single newspaper, book, or other item. The following institutions have partnered with Ancestry.com for digitization:

OREGON STATE LIBRARY

<i>Oregon, Biographical Index Card File, 1900-1986</i>	Extent:	243,885
<i>Oregon Death Index, 1898-2008</i>	Extent:	1,903,430
<i>Oregon, Marriage Indexes, 1906-1924, 1946-2008</i>	Extent:	2,956,060
<i>Oregon, Adoptions and Name Changes, 1876-1918</i>	Extent:	2,425
<i>Oregon, Statesman Index Books, 1850-1866</i>	Extent:	4,350
<i>Members of the Legislature of Oregon, 1843-1967</i>	Extent:	57
<i>Oregon Territory Census, 1850</i>	Extent:	6,554
<i>Pioneer families of the Oregon Territory, 1850</i>	Extent:	67

WILLAMETTE VALLEY GENEALOGICAL SOCIETY

<i>Willamette, Oregon, Death Records, 1850-2006</i>	Extent:	91,346
<i>Marion County, Oregon, Census, 1895</i>	Extent:	568

HISTORIC NEWSPAPERS

Several for-profit companies have digitized historic newspapers, sometimes with the goal of offering access as a subscription service to libraries and other research institutions and sometimes as a consumer-oriented subscription site. Compared to many other states, few Oregon newspapers are available through these sites.

NEWSBANK

Oregonian (newspaper) (1860-1989)
URL: http://nl.newsbank.com/nl-search/we/Archives?p_product=HA-ORG&p_theme=histpaper&p_action=keyword

NEWSPAPERARCHIVE.COM

Daily Oregonian (1869 - 1875)
Morning Oregonian (1861 - 1890)
Portland Oregonian (1850 - 1854)
Portland Weekly Oregonian (1854 - 1862)

NEWSPAPERS.COM

<i>Ashland Tidings (1912 - 1912)</i>	Extent:	3
<i>Daily Capital Journal (1888 - 1916)</i>	Extent:	89
<i>The Daily Morning Astorian (1879 - 1889)</i>	Extent:	30
<i>The Daily Oregonian (1869 - 1875)</i>	Extent:	5
<i>Enterprise News-Record (1909 - 1910)</i>	Extent:	11
<i>The Evening Herald (1908 - 1913)</i>	Extent:	28
<i>Lincoln County Leader (1893 - 1921)</i>	Extent:	1,007
<i>Morning Oregonian (1861 - 1890)</i>	Extent:	8,440

<i>The New Northwest</i> (1871 - 1880)	Extent:	10
<i>The Ontario Argus</i> (1909 - 1921)	Extent:	210
<i>Rogue River Courier</i> (1916 - 1918)	Extent:	12
<i>The Sumpter Miner</i> (1902 - 1905)	Extent:	4
<i>The Times-Herald</i> (1910 - 1919)	Extent:	6
<i>Wallowa Chieftain</i> (1902 - 1902)	Extent:	2
<i>Wallowa County Chieftain</i> (1909 - 1909)	Extent:	2
<i>The Weekly Oregonian</i> (1851 - 1862)	Extent:	519

STRENGTHS AND WEAKNESSES OF IDENTIFIED COLLECTIONS

After more than eleven years of sustained funding and effort in digitization and digital projects, the numbers of digital collections held by libraries, archives, museums, and other cultural heritage institutions in Oregon should not be surprising. However, when looked at as an aggregate, certain strengths and weaknesses of the overall effort are apparent.

COLLABORATION

Oregon has a strong tradition of collaboration and partnership among institutions, particularly among institutions of higher education. This is perhaps in part due to the strong consortial role played by the Orbis Cascade Alliance in the Pacific Northwest. As one interviewee stated it, “Oregon does a better job of partnering than any place I’ve ever been.”

Notable examples of these partnerships include the OregonDigital asset management system shared by the University of Oregon and Oregon State University Libraries and the Northwest Digital Archives shared archival union database. NWDA is particularly strong in the area of shared governance and should be considered a model project in this regard.

Overall, collaborative projects in Oregon would benefit from more shared governance, with the goal of empowering all project partners. Best practices for digitization and metadata should be flexible, not only to accommodate different cataloging practices but also to respect the real financial constraints felt particularly by smaller institutions when creating, storing, and providing access to digitized images.

FORMATS

In reviewing the various digital projects in Oregon, certain formats of original materials are conspicuous, either in their presence or their absence.

- **Newspapers.** The Oregon Digital Newspaper Project is a very strong collaborative effort and has received significant amounts of funding from both state and national grant funders. Oregon is fortunate in that few institutions are attempting to digitize newspapers outside the ODNP; a truth about newspaper digitization that is not often recognized by individual institutions is that a single homogeneous collection is more useful to researchers than multiple distributed collections, partly because most methods for aggregating distributed collections, such as OAI-PMH, rely on metadata alone rather than full-text.

However, a common concern from institutions around the state is that local papers are not being digitized quickly enough. The expense of digitizing to the standards of the National Digital Newspaper Project is certainly a factor in the rate of digitization, as is the sheer quantity of

newspaper pages available for digitization. In some cases the quality or availability of the original microfilm is also a consideration, and institutions in many states are reporting increased difficulties in obtaining the equipment and supplies needed to continue microfilming of original papers, when those can be located. A possible solution is to fund the purchase of a large-format scanner capable of imaging newspapers directly. Another possible solution is to develop a cost schedule for digitization, both from microfilm and from original newspapers, which would permit local institutions to “buy in” to digitization of local papers by the statewide project over time. This distributed approach to funding has been used in the Colorado Historic Newspapers Collection administered by the Colorado State Library (<http://www.coloradohistoricnewspapers.org>) and, to a lesser extent, in the Texas Digital Newspaper Program administered by the University of North Texas (<https://tdnp.unt.edu/>).

- **Government Publications.** Oregon libraries have collectively digitized significant quantities of government publications. Unlike Oregon’s digital newspapers, these publications are not stored in a single system with full-text search capabilities. Moreover, some of the early government publications digitization efforts are now functionally obsolete due to the limitations of the systems used to provide access to the digital materials. Oregonians would benefit significantly from a remediation effort designed to re-house these digital materials into a single system, including not only collections digitized with LSTA funds but also the collections digitized by the Oregon State Library and other state government agencies. One low-cost approach would be to deposit copies of government publications in the Internet Archive’s Text Archive collection, for items which are either in the public domain or for which copyright permissions would permit this type of distribution. If desired, the Oregon State Library could work with Internet Archive staff to establish an Oregon Government Publications sub-collection, much as IA has done for other partners (see listing at <http://archive.org/details/americana>). The Montana State Library moved digital copies of state publications to the Internet Archive in 2010 and has documented their process, which might be replicable.¹⁶
- **Books.** Compared to other states, relatively little true book digitization has been done in Oregon outside of government publications. No Oregon institutions were selected as partners in the Google Books Library project, and no Oregon institutions are currently partners in the HathiTrust Digital Library, formed to preserve the books digitized by the Google Books Library project along with additional books subsequently digitized by community members. While it is difficult to be certain, it does not appear that any Oregon libraries have contributed to the Internet Archives’ Text Archives, either.

Some institutions have suggested that access to a dedicated book scanner would improve book digitization efforts in Oregon; however, long-term storage and preservation of the digitized content would remain a concern. Alternatively, Oregon institutions could outsource book digitization to a vendor, such as the Internet Archive. The LYRASIS Digitization Collaborative, discussed in more detail below, offers a possible approach to group contracting.

- **Photos.** Photo digitization projects, and other digitization projects focusing on still images, are well-understood at this point in time. The primary challenge with photo collections at this time is not scarcity but rather abundance. Researchers struggle to make sense of the sheer number of search results and the variety of digital asset management systems in which the digital objects are available. A focus on rich textual description of photographic collections, rather than a more traditionally

¹⁶ Stockwell, C. (2010, December 30). How Montana State Library uploaded batches of digital objects to the Internet Archive [Blog post]. Retrieved from <http://archive.org/post/340223/how-montana-state-library-uploaded-batches-of-digital-objects-to-the-internet-archive>.

subject-oriented approach to metadata, is one option to reduce this frustration. Museums and archives are increasingly turning to blogs and curated web exhibits rather than relying on photo databases as a primary means of access to photo collections. Several institutions in Oregon are using the Omeka system to build and maintain these types of exhibits, and many smaller institutions currently using variants of the Past Perfect system might be better off switching either to a local installation of Omeka or to a hosted Omeka system through Omeka.net. Development of a statewide hosting platform for cultural heritage collections using a system like Omeka as the basis would be analogous to the Plinkit public library website service administered by the Oregon State Library and might be complementary to that service.

- **Maps.** There is a relative scarcity of map digitization projects in Oregon. This may be partially due to a lack of large-format scanning facilities at institutions in the state. Nationally, many institutions have switched to digital camera systems for digitization of delicate large format materials such as maps. These systems often use high-end scanning back systems such as ones available from Betterlight, PhaseOne, and Mamiya, in order to obtain the necessary resolution. This type of digitization requires dedicated photo studio and trained staff. The development of at least one such facility in the state would be a useful addition to the existing infrastructure; alternatively, this type of digitization could be outsourced to one or more specialty vendors.

One high-reward map collection for potential digitization is the Sanborn collection of fire insurance maps. Many states offer online access to the Sanborn maps through a subscription to the ProQuest Digital Sanborn® Maps (1867-1970) collection. However, in at least three states, Pennsylvania (<http://www.libraries.psu.edu/psul/digital/sanborn.html>), Kansas (<http://cds.lib.ku.edu/sanborn-maps/>) and Texas (<http://www.lib.utexas.edu/maps/sanborn/texas.html>), institutions have digitized the original maps held by archives in the state for public access. Because the original maps are in color, they are in many ways superior to the ProQuest offering, which was digitized from bi-tonal microfilm. However, the maps are large and fragile and require specialized equipment for digitization. There are also copyright considerations with maps published after 1923.

- **Oral histories (audio).** There are few projects in Oregon that have focused on digitization of oral histories and other audio materials. In part, this may be due to the fact that best practices for audio digitization have been slow to develop. However, the fragile nature of cassette and reel-to-reel audio tape makes digitization of these original materials a high priority from a preservation standpoint.
- **Video.** As with audio, video from the last quarter of the twentieth century is generally considered to be at-risk. However, the age of the material is a disadvantage when it comes to copyright clearance, and the amount of storage required for digitized video is problematic for most institutions. Options for providing access to video include the Internet Archive's Moving Image Archive and consumer services such as YouTube. One model for a statewide service to digitize film and video is the Texas Archive of the Moving Image (<http://www.texasarchive.org>), a non-profit organization that has received funding through the Office of the Governor's Texas Film Commission and which provides film digitization and video hosting services not only for cultural heritage institutions but also for community users through the Texas Film Round-Up program (http://www.texasarchive.org/library/index.php/Texas_Film_Round-Up).

TOPICS, REGIONS, AND ERAS

In order to assess the strengths and weaknesses of existing collections on a topical basis, it was first necessary to identify a core set of topics related to Oregon history and culture. Lists of topics provided by the *Oregon Encyclopedia* project and the *Envisioning Oregon* report were most useful in determining topical areas.

Topics

In the case of the *Oregon Encyclopedia*, the list includes both categories and themes (as taken from their advanced search options) but not sub-themes.

OREGON ENCYCLOPEDIA: CATEGORIES

- Biography
- Biota
- Event
- Group
- Institution
- Miscellany
- Place

OREGON ENCYCLOPEDIA: THEMES

- Agriculture
- Architecture & Historic Preservation
- Arts
- Business & Industry
- Education
- Environment & Natural Resources
- Geography & Places
- Government, Law, & Politics
- History & Archaeology
- Institutions
- Literature
- Oregoniana
- Race & Ethnicity
- Religion
- Science, Medicine, & Technology
- Sports & Recreation
- Transportation & Communications
- Women

ENVISIONING OREGON: FRAMEWORK FOR TOPICAL ANALYSIS OF COMMUNITY HISTORY SOURCES

1. Art & Architecture
2. Agriculture
3. Business, Industry & Manufacturing
4. Communications
5. Education
6. Labor
7. Medical & Health Care
8. Military
9. Natural Resources & Environmental Affairs
10. Politics, Government & Law
11. Populations
12. Religion
13. Recreation & Leisure
14. Science & Technology
15. Settlement
16. Social Organization & Activity
17. Transportation

The two lists have a high degree of correspondence. Initial review of the 300 or more digital collections identified in this environmental scan has suggested that there has been a good balance of topics overall in the materials digitized. Categories for “Military” and “Government, Law, and Politics” are well-represented. An additional category for “Newspapers, Yearbooks, & Publications” should be added to represent those types of materials, often found in an institutional context. “Religion” is somewhat under-represented, but this may reflect the nature of the institutions that

responded to the survey or were identified for review rather than accurately indicating a lack of those materials.

Regions

Because region plays an important role in determining overall coverage of the state, collections can also be assigned to particular regions. The 2010 *Connecting to Collections Needs Assessment* prepared by Oregon Heritage Commission staff, offers one possible set of topical regions. Their map corresponds to some degree with the regions identified by the *Oregon Encyclopedia* project as advanced search options.



Figure 1. Oregon Regions¹⁷

OREGON ENCYCLOPEDIA: REGIONS

- Central
- Coast
- Columbia River
- North Central
- Northeast
- Northwest
- Oregon Country
- Oregon Trail
- Portland Metropolitan
- Southeast
- Southwest
- Willamette Basin

Determining the topical region of a collection is complicated by the fact that institutions often hold collections unrelated to their physical location. This is particularly true for institutions in the Portland area and for collections at Oregon State University and the University of Oregon. However, it appears that there is an under-representation of materials from the Coastal region, from Central Oregon, and from Eastern Oregon. Two regions should be added: "North America" and "World," reflecting the international nature of some collections.

¹⁷ From Metz, R. 2011. *Oregon Connecting to Collections project needs assessment report: What archival, library, and museum personnel need to preserve Oregon's heritage collections*. Oregon Museums Association. Retrieved from http://www.oregon.gov/oprd/HCD/OHC/docs/c2c_final.pdf

Eras

OREGON ENCYCLOPEDIA: ERAS

- Pre-contact
- 1792-1845
- 1846-1880
- 1881-1920
- 1921-1949
- 1950-1980
- 1981-present

As in all U.S. states, institutions have tended to focus on digitization of materials in the public domain, which results in a slight over-representation of federal government publications and an enormous under-representation of materials published after 1923.¹⁸ Several institutions have stated that they would benefit from additional opportunities to learn about copyright restrictions and permissions, and approaches such as that promoted by the ARL *Code of Best Practices in Fair Use for Academic and Research Libraries*¹⁹ might result in a more balanced approach to digitization. Other useful resources include the Society of American Archivists' *Orphan Works: Statement of Best Practice*,²⁰ and *Copyright and Cultural Institutions: Guidelines for U.S. Libraries, Archives, and Museums* by Peter Hirtle, Emily Hudson, and Andrew Kenyon.²¹

MODELS FOR STATEWIDE AND MULTISTATE COLLABORATION

As Oregon begins to consider a plan for digital collections in the state, it is worth considering various models for supporting additional collaborative activities. This is particularly true when considering the needs of smaller institutions, many of which have little or no funding for technology and which rely largely on volunteers for historical collections projects. The models below are grouped into two main types: repositories hosted by a single institution and aggregators of materials held in multiple repositories.²²

¹⁸ In the case of most unpublished archival materials, the relevant date for entry into public domain is 1893; however, the 1923 data is more commonly cited. See Peter Hirtle's *Copyright Term and the Public Domain in the United States* (2013), available at <http://copyright.cornell.edu/resources/publicdomain.cfm>, for complete details.

¹⁹ Association of Research Libraries. 2012. *Code of Best Practices in Fair Use for Academic and Research Libraries*. Retrieved from <http://www.arl.org/focus-areas/copyright-ip/fair-use/code-of-best-practices>.

²⁰ Society of American Archivists. 2009. *Orphan Works: Statement of Best Practices* Retrieved from <http://www2.archivists.org/groups/intellectual-property-working-group/orphan-works-statement-of-best-practices>.

²¹ Hirtle, P., Hudson, E., & Kenyon, A. (2009). *Copyright and cultural institutions: Guidelines for U.S. libraries, archives, and museums*. Ithaca, NY: Cornell University Library. Retrieved from <http://ecommons.cornell.edu/handle/1813/14142>.

²² Additional examples of statewide or regional projects can be found at the Library of Congress *State Digital Resources: Memory Projects, Online Encyclopedias, Historical & Cultural Materials Collections* web page, available at <http://www.loc.gov/rr/program/bib/statememory/>. The projects currently listed for Oregon are the *Oregon Blue Book* (<http://bluebook.state.or.us/misc/about/about.htm>), the *Oregon Encyclopedia* (<http://www.oregonencyclopedia.org/>), and the *Oregon History Project* (<http://ohs.org/education/oregonhistory/index.cfm>). The page appears to have been last updated April 18, 2013; corrections can be sent to Christine A. Pruzin. Digital Reference Specialist at the Library of Congress, using the contact form at <http://www.loc.gov/rr/askalib/ask-digital.html>.

REPOSITORIES HOSTED BY A SINGLE INSTITUTION

WASHINGTON RURAL HERITAGE

Administered by:	Washington State Library
Primary Contact:	Evan Robb, Project Manager, Washington State Library
Funding Sources:	LSTA
Primary URL:	http://www.washingtonruralheritage.org/cdm/
Documentation URL:	http://wikihost.statelib.lib.wa.us/wrh/MainPage.ashx (currently requires a login and password, but WA State Library staff plan to move most documentation to an open website in the coming year)
Rights URL:	http://www.washingtonruralheritage.org/cdm/rights
Self-description:	"Washington Rural Heritage gathers historic primary sources documenting the early culture, industry, and community life of Washington State. The collection is an ongoing project of small, rural libraries and partnering cultural institutions, guided by an initiative of the Washington State Library (Office of the Secretary of State), and funded under the provisions of the Library and Services Technology Act (LSTA) from the federal Institute of Museum and Library Services (IMLS). The initiative provides the infrastructure and training to both digitize and serve unique collections to a widespread audience."
System:	CONTENTdm
Extent:	14,953 items in 29 collections
Partners:	See http://www.washingtonruralheritage.org/cdm/aboutwrh
Governance:	Washington Rural Heritage governance consists of an advisory committee which reports to the Library Council of Washington.
Comments:	<p>According to the website, "As of 2013, the Washington Rural Heritage digital repository includes material from the holdings of more than 80 institutions and 200 privately held collections throughout the state. Local project management is coordinated by 30 public libraries administering annual sub-grants from the Washington State Library, or sustaining existing digital collections using local resources and/or other funding."</p> <p>Technical standards and guidelines for digitization are maintained on a project wiki; guest access is available for outside reviewers upon request.²³ Wiki topics include "Project Management," "Selecting Materials for Digitization," "Copyright Research and Documentation," "Scanning and Other Digitization Topics," "Image Optimization and File Editing," "Cataloging/Metadata Creation and CONTENTdm," and "Promoting Your Collections." The wiki also includes access to a series of short video tutorials demonstrating basic scanning, editing, and asset management techniques, plus access to .</p> <p>Digitization is performed at the local level, often with the assistance of WA State Library staff, who also perform quality control on all digitized materials before they are loaded into CONTENTdm. The project uses a local implementation of the CDP Dublin Core Metadata Best Practices Version 2.1 (available on wiki). Individual institutions retain any intellectual property interest in their materials but must grant to the Washington State Library a release to allow perpetual access to low-resolution digital images online and preservation copies of high-resolution</p>

²³ The *Washington Rural Heritage Metadata Guidelines* are attached as Appendix 4, with permission from the Washington State Library.

digital images in a so-called “dark archive.”

The 2008-2012 LSTA evaluation for the Washington State Library indicates that \$896,384 in LSTA funding was dedicated to the Washington Rural Heritage Project over that five-year period. This amount includes staff at the Washington State Library in addition to licensing costs for the CONTENTdm application and grants to participating institutions. \$50,000 per year is currently allocated in grant funding to support new participants; each grant is limited to \$10,000 maximum. Only small and rural public libraries (defined as serving a population of less than 25,000) are eligible for grant funding, although the Washington State Archives and some academic institutions have also contributed materials in support of eligible projects

ILLINOIS DIGITAL ARCHIVES

Administered by:	Illinois State Library
Primary Contact:	Sandra Fritz, Digital Imaging Program Coordinator
Funding Sources:	LSTA
Primary URL:	http://www.idaillinois.org/cdm/
Documentation URL:	None Identified
Rights URL:	http://www.idaillinois.org/cdm/ (see “Copyright information”)
Self-description:	“The Illinois Digital Archives (IDA) was created in 2000, as a repository for the digital collections of the Illinois State Library as well as other libraries and cultural institutions in the State of Illinois.”
System:	CONTENTdm
Extent:	230,989 items in 149 collections
Partners:	Not listed on site
Governance:	Illinois State Library
Comments:	The Illinois Digital Archives is notable largely because it incorporates materials from DigitalPast, a local history digitization initiative undertaken by libraries, historical societies, museums, and other cultural venues throughout Illinois in partnership with the North Suburban Library System (NSLS) in Wheeling, Illinois. Due to cuts in state services in 2010, NSLS closed, and there was some uncertainty about the future of the collections in Digital Past. The Illinois State Library was able to work with OCLC to move materials from Digital Past into an alternate CONTENTdm system. While this type of situation cannot be entirely avoided, it speaks to a fundamental need for partnership agreements that include provisions for succession in the event that a site cannot be sustained.

According to the Illinois State Library’s FY2013-FY2017 “Long Range Plan for the Use of LSTA Grant Funds in Illinois,” “In 2011, there were 17,738,640 hits to the IDA web site, averaging over 51,000 hits every day. On average, 15,066 visitors use the resources of IDA and download about 50GB of data every month.”

METASEARCH ENGINES AND OTHER AGGREGATIONS

DIGITAL PUBLIC LIBRARY OF AMERICA

Administered by:	Digital Public Library of America, Inc.
Primary Contact:	Emily Gore, Director for Content

Funding Sources:	IMLS, NEH, Knight Foundation
Primary URL:	http://dp.la
Documentation URL:	http://dp.la/info/about/policies/
Rights URL:	http://dp.la/info/terms/
Self-description:	"The Digital Public Library of America (DPLA) brings together the riches of America's libraries, archives, and museums, and makes them freely available to the world. It strives to contain the full breadth of human expression, from the written word, to works of art and culture, to records of America's heritage, to the efforts and data of science. The DPLA aims to expand this crucial realm of openly available materials, and make those riches more easily discovered and more widely usable and used."
System:	Custom metadata harvesters and aggregator
Extent:	4,585,301 items; a search on "Oregon" returned 12,160 results
Partners:	http://dp.la/info/about/who/partners/
No Oregon partners	
Governance:	"The inaugural DPLA Board of Directors was established in September 2012 to support the DPLA's goal of creating and maintaining a free, open, and sustainable national digital library resource. The current DPLA Board is composed of public and research librarians, technologists, intellectual property scholars, media studies scholars, and business experts from around the country."
Comments:	<p>The Digital Public Library of America is a relatively new organization dedicated to improving access to digital collections held by America's cultural heritage organizations. They use a custom system for aggregation and display of metadata from various Content and Service Hubs. Content Hubs are institutions that have over 250,000 unique digital items in their collection with metadata that can be harvested and normalized according to the DPLA Metadata Application Profile (MAP). Service Hubs offer hosting and other services, including digitization, to smaller institutions.</p> <p>DPLA is a non-profit corporation governed by a volunteer Board of Directors. A major focus of the effort is outreach and use of digital resources. Hubs agree not only to contribute metadata about digital objects but also to participate in development of exhibits and to perform other types of outreach to make DPLA collections more accessible. After harvesting metadata, DPLA normalizes it and makes it available both by means of an API for developers and by permitting search engines to index the metadata. Most of the major search engines now include DPLA records, which ultimately resolve to local digital objects.</p>

MOUNTAIN WEST DIGITAL LIBRARY

Administered by:	Utah Academic Library Consortium
Primary Contact:	Sandra McIntyre, Program Director
Funding Sources:	Utah Academic Library Consortium, Univ. of Utah, LSTA, IMLS, private foundations
Primary URL:	http://mwdl.org/
Documentation URL:	http://mwdl.org/about.php (see "Policies and Guidelines")
Rights URL:	"Rights" metadata included in collection items
Self-description:	"The Mountain West Digital Library is a portal to digital resources from universities, colleges, public libraries, museums, archives, and historical societies in Utah, [Arizona], Nevada, Idaho, and Hawaii."
System:	Ex Libris Primo

Extent:	Approximately 773,849 items in all collections (source: DPLA); 1,576 results for "Oregon"
Partners:	http://mwdl.org/aboutPartners.php No Oregon partners
Governance:	http://mwdl.org/docs/MWDL_Partnership_Agreement_ver12_2008-03-14.pdf
Comments:	The Mountain West Digital Library (MWDL) is a large distributed aggregation of resources. Originally development using CONTENTdm software, the system was switched to Ex Libris Primo in order to permit development of a larger aggregation of resources. MWDL serves as a regional hub for the Digital Public Library of America project.
	MWDL relies on a three-tiered infrastructure. Collections Partners hold original historic materials suitable for digitization; they may digitize and host their own content and contribute it directly by means of an OAI-PMH compliant system, in which case they are considered to be a Contributing Site. Regional Hosting Hubs host collections from Collections Partners that are not capable of hosting their own content. Full-service Hosting Hubs provide hosting services and also provide digitization services to Collections Partners on a contract basis at standard MWDL prices. MWDL staff based at the J. Willard Marriott Library at the University of Utah then manage the central aggregating server, which harvests collections from the Contributing Sites and Hubs. A full description of these tiers and the responsibilities inherent at each level is described in the MRDL Partnership Agreement, available at http://mwdl.org/docs/MWDL_Partnership_Agreement_ver12_2008-03-14.pdf . Additional policies as well as technical specifications for metadata and digitization are available on the MWDL web site.

[NORTH CAROLINA ECHO: EXPLORING CULTURAL HERITAGE ONLINE](#)

Administered by:	NC LIVE
Primary Contact:	Nitin Arora, Digital Projects Librarian, NC LIVE
Funding Sources:	Unknown
Primary URL:	http://www.ncecho.org/
Documentation URL:	http://www.digitalnc.org/about/nc-digitization-guidelines
Rights URL:	None identified
Self-description:	"NC ECHO enables users to search across thousands of digitized and born-digital historic materials including a wide variety of books, photographs, maps, family histories, state documents, newspapers, and much more from cultural heritage institutions around North Carolina. The collections available through NC ECHO include a diverse array of materials by and about the people, places, and history of North Carolina. All of the collections available through the NC ECHO Search are freely available online to all users, regardless of their location or affiliation. The NC ECHO Search was developed by staff members at NC LIVE, the North Carolina Digital Heritage Center, and the State Library of North Carolina. It is hosted and maintained by NC LIVE."
System:	Custom (see http://www.nclive.org/about/projects/north-carolina-heritage-index-project-poc for system requirements)
Extent:	86,000+ items (metasearch)
Partners:	East Carolina University Johnson C. Smith University New Hanover County Public Library

	<p>North Carolina Digital Collections, Department of Cultural Resources North Carolina Digital Heritage Center University of North Carolina at Chapel Hill The University of North Carolina at Greensboro Wake Forest University Western Carolina University</p>
Governance:	<p>Digital Services Advisory Committee of NC LIVE (http://www.nclive.org/about/committees)</p>
Comments:	<p>From 1999-2012, the State Library of North Carolina administered the NC ECHO program. In its early stages, NC ECHO identified and developed a directory of cultural heritage institutions in the state. By 2005, NC ECHO also served as the State Library of North Carolina's cultural digitization hub, providing guidance on metadata and digitization to cultural heritage institutions in the state. By 2012, cuts in state library funding forced the discontinuation of the NC ECHO program. However, NC LIVE, a consortium of public and academic libraries, was developing a project to index metadata from cultural heritage institutions across the state. NC LIVE, the North Carolina Digital Heritage Center, and the State Library of North Carolina ultimately agreed to keep the NC ECHO brand for the metasearch service. The original NC ECHO institutional directory is now maintained by the North Carolina Office of Archives and History; and the NC ECHO metadata guidelines are being updated by the North Carolina Digital Heritage Center. The State Library of North Carolina continues to provide digitization grants with LSTA funding and to maintain the Digital Preservation Best Practices and Guidelines developed jointly by the State Library of North Carolina's Digital Information Management Program (DIMP) and the State Archives of North Carolina.</p>

DIGITALMETRO

Administered by:	Metropolitan New York Library Council
Primary Contact:	Anne Karle-Zenith, METRO Digital Services Manager
Funding Sources:	METRO, Robert W. Wilson Charitable Trust
Primary URL:	http://nycdigital.org/
Documentation URL:	http://nycdigital.org/about
Rights URL:	http://nycdigital.org/about (see "Directory Ownership and Accuracy of Information")
Self-description:	"A directory of digital collections created and maintained by members of the Metropolitan New York Library Council"
System:	Omeka
Extent:	159 collections
Partners:	http://metro.org/corporatememberships/applications/search/
Governance:	Digital Services Advisory Council, Metropolitan New York Library Council (http://metro.org/digital-services-advisory-council/)
Comments:	digitalMETRO is not, strictly speaking, a metasearch tool. It is a directory of digital collections maintained by METRO member institutions. It provides visibility to these collections; it also offers some exhibits and related resources, particularly resources from digitization projects funded by METRO's grant programs.

OTHER MODELS FOR COLLABORATION

Of the various models for collaboration in cultural heritage institutions, particularly libraries, one of the more robust models is consortial purchasing, which allows multiple institutions to take advantage of a single contract negotiated by a consortial manager. Inspired by the Google Books Library Project, several consortia attempted to negotiate contracts for mass digitization of printed materials. Currently, only one consortium is known to offer this service.

LYRASIS DIGITIZATION COLLABORATIVE

Administered by:	LYRASIS
Primary Contact:	Laurie Gemmill Arp, Digitization Collaborative Program Manager
Funding Sources:	Memberships and fee-for-service
Program URL:	http://www.lyrasis.org/LYRASIS%20Digital/Pages/Content%20Creation%20and%20Management/Digitization-Collaborative.aspx
Access URL:	http://archive.org/details/lyrasis
Documentation URL:	See Appendix 3 for current specifications.
Self-description:	“LYRASIS staff facilitate and provide guidance with all parts of the digitization process, including: selection, packaging, digitization, transportation options, and guidelines for additional/continued use of digital files”
System:	Internet Archive
Partners:	http://www.lyrasis.org/LYRASIS%20Digital/Pages/Content%20Creation%20and%20Management/Digitization%20Collaborative/Participants.aspx
Governance:	LYRASIS
Comments:	The LYRASIS Digitization Collaborative started with a grant from the Alfred P. Sloan Foundation as a means of increasing the number of libraries participating in the Internet Archive’s book digitization project. LYRASIS has since added other vendors, including Creekside Digital, Digital Conversion Solutions, and George Blood Audio and Video. LYRASIS negotiates pricing and coordinates service delivery. Texts are digitized by the Internet Archive, which then hosts the digitized materials; participants are given a copy of the master file to place in local systems, if desired. For audio and video, participants have the option of depositing copies in the Internet Archive. LYRASIS continues to seek grant funding to offset the cost of digitization as much as possible.

While the Oregon State Library is currently an institutional member of LYRASIS and able to extend discounts on library supplies to libraries statewide through that membership, the current funding model for the LYRASIS Digitization Collaborative would require individual institutions to join the Collaborative in order to receive benefits.

CONCLUSION

Compared to some other states, Oregon has an abundance of digital projects in libraries, archives, museums, and historical societies. Some of the digital projects are thriving, adding new collections and partners on a regular basis, while others are stagnant, due perhaps to staff turnover or the need to update projects according to current best practices for digitization and metadata.

What Oregon lacks are two components of a healthy digital library infrastructure: first, a full-service statewide digitization center that is staffed and equipped to handle digitization projects and hosting of digital collections on behalf of smaller institutions and, second, formal common standards for digitization and metadata. The first of these items could be expensive, perhaps prohibitively so, without a sustainable source of funding. The second item can be addressed with minimum fiscal impact but may imply retrospective cataloging and perhaps digitization of some existing collections. A plan for the future of Oregon's digital collections must address these issues and should also address issues related to long-term digital preservation and governance of the digital materials created with public funds.

Part II of this report will provide detailed recommendations for improved outcomes-based assessment of LSTA and other grants involving digitization. It will also review the results of the Oregon Digital Collections Survey, focusing on perceived barriers to digitization, and will provide recommendations for statewide collaborative digital program development in the areas of governance and funding, technological infrastructure (digitization, access, and preservation), training, and promotion of content. While it is unlikely that all of the recommendations will be adopted, they provide the building blocks for a vibrant and sustainable statewide digital collections program.

APPENDIX 1. GRANT FUNDING, 2003-2013, SORTED BY INSTITUTION

Aurora Colony Historical Society & Museum	\$7,000		
Music library	2007	OCT	\$4,000
To revive the unique 19th century music library by inventorying, authenticating and digitizing it for eventual performance.			
URL: http://www.auroracolony.org/old/aurora/city/teachers_students/category/music			
To catalog, digitize and validate 19th century music	2007	OHC	\$10,000
To catalog, digitize and validate 19th century music, and to restore period instruments.			
URL: http://www.auroracolony.org/old/aurora/city/teachers_students/category/music			
Clatsop County Historical Society	\$7,000		
Expand access to photographs	2007	OCT	\$7,000
To expand access to the museum's 35,000 photographs and by purchasing computers, scanners, collections management software, and new public workstations.			
URL: http://www.flickr.com/photos/clatsop_county_historical_society/			
Columbia Gorge Discovery Center and Museum	\$15,447		
Native American baskets digital archive	2007	OCT	\$4,000
To create a digital archive for and internet access to the collection of 2,100 baskets and other ethnographic artifacts from more than 61 tribal groups, among them the Wasco, Umatilla, Klickitat and Chehalis.			
URL: http://www.gorgediscovery.org/basketarchive/newBrowse.asp?offset=0			
Digitization network planning grant	2009	OHC	\$11,447
Cultural heritage organizations of all sizes play an increasingly important role in capturing and preserving local and regional histories within the State. This grant will seek to explore the long-term feasibility surrounding the development of a state-wide digitization network, by which larger cultural heritage institutions, like Oregon's universities, make available their information infrastructure to support the discovery of the State's unique historical collections.			
URL:			
Confederated Tribes of Siletz Indians	\$31,086		
To support a project to process Tribal records	2011	NHPRC	\$31,086
To support a project to process Tribal records, create finding aids to the collections, implement formal accessioning procedures, and plan for selecting documents for digitization.			
URL: http://www.ctsi.nsn.us/chinook-indian-tribe-siletz-heritage/salishan-nehalem-warm-springs-siletz-photos/gallery-ii			
Confederated Tribes of the Umatilla Reservation	\$96,714		
Cataloging Histories of the Cayuse, Umatilla, and Walla Walla Tribes	2007	IMLS	\$47,086
The Confederated Tribes of the Umatilla Indian Reservation will create a comprehensive, organized, and usable catalogue of approximately 3,000 collection objects.			
URL:			
Tamástslikt Tribal Knowledge Database Project.	2010	IMLS	\$49,628
The Confederated Tribes of the Umatilla Reservation in Oregon, led by the tribes' Tamástslikt Cultural Institute (TCI), will begin the Tamástslikt Tribal			

Knowledge Database Project. The overarching purpose of the project is to increase the quality of information contained within TCI's Past Perfect® museum database, making the collections and associated information more accessible to staff, tribal members, and researchers. Staff will identify and remove erroneous object records and information, add to and standardize the lexicon used to identify objects, and work with the tribe's language department to identify indigenous names for tribal and native specific collection objects. A paid internship will be developed to teach a college student the techniques, policies, and procedures used by Tamástslikt to care for and manage collection objects.

URL: <http://www.digitalcultures.com/ctuirMap/>

Coos Art Museum \$8,446

Victor C. West Collection of Historic Maritime Photography To digitize the Victor C. West Collection of Historic Maritime Photography URL:	2006	OCT	\$4,146
Digitize Oregon Maritime photography collection Digitize a 30,000 piece collection of historical Oregon Maritime photography in order to make the collection broadly available to the general public. URL: http://www.coosart.org/permanent-collection-with-sizes/#!lightbox/0/	2006	OHC	\$4,300

Coos Historical Museum \$23,938

Victor C. West collection of maritime images The Coos Historical Museum will fully evaluate the content and scope of its Victor C. West collection and begin storing, indexing, and digitizing the photographs according to archival standards. The Victor C. West collection of maritime images includes more than 60,000 items chronicling the important history of the maritime lumber shipping industry that dominated the West Coast from the 1850s to the 1970s. As a result of this project, the Museum will be able to respond to research requests efficiently and with minimum disturbance to the images. The important collection will be made available for research, will provide a more complete picture of the timber and maritime industries on the West Coast, and can be used for future exhibitions to educate the public about the important role of maritime activities in the development of coastal communities. URL:	2010	IMLS	\$23,938
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Eastern Oregon Museum \$2,380

Photo Digitization To purchase computers, software, digital scanners and copiers so the museum can archive its historical genealogies and local histories, photograph and catalogue its collections. URL:	2008	OCT	\$2,380
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Eastern Oregon University \$2,666

Digitization and cataloging of Fred Hill's Union County photographs collection This project will catalog and metatag photographs and letters of photographer Fred Hill and place them on the web. The focus will be Mr. Hill's Union County photographs, providing viewers with an enriched understanding of northeast Oregon over the last 60 years. URL: http://eou.pastperfect-online.com/36819cgi/mweb.exe?request=advanced; t1106=fred%20hill%20historical%20collection	2009	OHC	\$2,666
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Fort Rock Valley Historical Society & Homestead Museum			\$1,000
Collection cataloging	2006	OHC	\$1,000
Construction of blacksmith shop; Construction of a building for the display of period blacksmith artifacts. Amended 10/17 /06 to purchase of PastPerfect software and digital camera for the cataloging of their collections.			
URL:			
Harney County Library			\$5,600
Eastern Oregon Libraries and Museums Working Together	2007	LSTA	\$5,600
Harney County Library is coordinating training for libraries and museums in Eastern Oregon on how to use Past Perfect software to catalog local history materials. Two 2-day workshops will be held in Burns and in Baker City. Participants will include Arlington Public Library, Baker County Library, Harney County Library, Harney County Museum, Fire Museum of Union County, Oregon Trail Regional Museum, Eastern Oregon Museum and Tamastslikt Cultural Institute.			
URL: http://www.harneycountylibrary.org/western-history-room/exhibits			
Hood River County Historical Society & Museum			\$6,000
Digitization of the photo collection	2012	OHC	\$6,000
Complete the digitization of the photo collection, approximately 5,000 images.			
URL: http://www.historichoodriver.com/			
J.O. Hanthorn Cannery Museum			\$1,800
Website development	2011	OHC	\$1,800
Create a website about Astoria's Hanthorn Cannery Foundation and Museum and its collections.			
URL:			
Jensen Arctic Museum			\$5,750
Audio and Video Digitization	2011	OHC	\$5,750
Digitize the museum's audio and visual collections currently on reel, VHS, 35 mm slides and cassettes.			
URL:			
Jordan Schnitzer Museum of Art			\$10,000
Collections management system	2010	OCT	\$10,000
To provide a state of the art collections/program database management system and web-based search engine to make the collections accessible to all internet users throughout Oregon and beyond.			
URL:			
Klamath County Museums			\$7,516
Digitization of photograph collection	2009	OHC	\$3,266
The Klamath County Museum will digitize the more than 2,000 images in its valuable photo collection. They will be digitized at low resolution for placement on the Museum website, and permanently archived in high resolution for reproduction quality prints. When complete, the cellulose nitrate negatives will be moved to longterm cold storage for safety and preservation			
URL: http://www.co.klamath.or.us/museum/Photo_Gallery.htm			
Digitize archival collections	2011	OHC	\$4,250
Digitize archival collections			

URL: http://www.co.klamath.or.us/museum/Photo_Gallery.htm

Lane County Historical Society & Museum				\$57,130
Digitize non-volatile safety film negatives and prints	2007	OHC	\$2,500	
Provide funding for staff to digitize non-volatile safety film negatives and prints in the first two phases of a digitization project				
URL: http://lanecounty.pastperfect-online.com/33692cgi/mweb.exe?request=random				
Digitize the museum's 14,000 historic photographs	2007	OHC	\$5,000	
Digitize the museum's 14,000 historic photographs				
URL: http://lanecounty.pastperfect-online.com/33692cgi/mweb.exe?request=random				
Photo Digitization	2008	OCT	\$5,000	
To digitize the society's 14,000 historic photos, allowing greater public access to the collection.				
URL: http://lanecounty.pastperfect-online.com/33692cgi/mweb.exe?request=random				
Photo Digitization	2009	OCT	\$6,000	
To complete a multi-year project to digitize the Society's archive of historical negatives and photographs.				
URL: http://lanecounty.pastperfect-online.com/33692cgi/mweb.exe?request=random				
Digitize approximately 2,500 photographs	2009	OHC	\$2,500	
Digitize approximately 2,500 photographs				
URL: http://lanecounty.pastperfect-online.com/33692cgi/mweb.exe?request=random				
Ongoing photographic digitization project	2009	OHC	\$6,330	
The Lane County Historical Society will continue funding two part-time digital archivists for 9 months (April 2010-December 2010) for the ongoing photographic digitization project. Using new processing procedures instituted in August 2009, it is likely that 90 percent of the nitrate negatives will have been digitized by December 2010. Recent developments include an expansion of project scope to include public access to the stored images through the museum website and a "living" exhibit created in response to public interest.				
URL: http://lanecounty.pastperfect-online.com/33692cgi/mweb.exe?request=random				
Digitization of the museum's nitrate negative collection	2010	OCT	\$5,000	
To hire staff to scan the museum's fragile and deteriorating Elizabeth Romane Portrait Collection of photographic negatives in high resolution digital format for the museum archive. The project not only preserves the negatives but also makes the process accessible through the Photo Lab, an educational, interactive exhibit where visitors can observe the scanning process				
URL: http://lanecounty.pastperfect-online.com/33692cgi/mweb.exe?request=random				
Digitization of the museum's nitrate negative collection	2010	OHC	\$2,500	
Support two digital photo specialists for 6 months to continue the digitization of the museum's nitrate negative collection. This will advance the project from 70% completion in October 2010 to 83% completion by April 1, 2011.				
URL: http://lanecounty.pastperfect-online.com/33692cgi/mweb.exe?request=random				
Digitization of the museum's nitrate negative collection	2011	OCT	\$3,000	
To complete the digital conservation of the Elizabeth Romane Portrait Collection's fragile nitrate negatives, and to develop an adjacent exhibition that explains the project.				
URL: http://lanecounty.pastperfect-online.com/33692cgi/mweb.exe?request=random				
Digitize the Hunter collection	2011	OHC	\$8,000	
Digitize the Hunter collection				
URL: http://lanecounty.pastperfect-online.com/33692cgi/mweb.exe?request=random				
Digitize the Hunter collection	2012	OHC	\$11,300	
Digitize, edit and catalog slides from the Don Hunter photographic collection.				
URL: http://lanecounty.pastperfect-online.com/33692cgi/mweb.exe?request=random				

Lewis & Clark College	\$73,841		
To support expansion of an online digital image archive of contemporary ceramic art.	2009	NEA	\$9,888
Undertaken in partnership with other ceramic organizations, the project will focus on the addition of work by master artists selected by a curatorial board of artists and visual resource professionals.			
URL: http://accessceramics.org			
Oregon Poetic Voices	2010	LSTA	\$34,150
The first year of the two-year Oregon Poetic Voices project will digitize existing recordings of Oregon poets available to Lewis & Clark College Special Collections for which there is copyright clearance. The project will also establish two recording studios (one in Portland and the other in Madras/Warm Springs Indian reservation) for the creation of new recordings. Materials will be available to the state's poets, teachers, and students through a web page. In the second year two additional studios will be established to expand the availability of recorded materials. The website is at http://oregonpoeticvoices.org/ .			
URL: http://oregonpoeticvoices.org/			
Oregon Poetic Voices, Year 2	2011	LSTA	\$29,803
This project will create a central archive of recorded poetry by Oregon poets that is accessible to the public. This archive is needed to provide wide-ranging access to Oregon's rich poetic heritage, to maintain a record of poetry in performance and a means for the interpretation of these poems, and to serve as a vital teaching tool for educators across the state. The goals in the second year of "Oregon Poetic Voices" will be to further develop and make permanent the program, to create additional recording "studios" across the state, and to greatly increase the number of recorded materials used for the project. This project will continue to develop and administer poetry workshops around the state; to continue to digitize existing recordings available to Lewis & Clark College Special Collections for which there is copyright clearance; and to continue to update and improve the web page (www.oregonpoeticvoices.org), which allows the state's poets, teachers, and students to have access to all the posted materials, and is also available for access by the visually impaired.			
URL: http://oregonpoeticvoices.org/			
Linfield College	\$13,000		
Oregon Wine History Archive	2012	OCT	\$8,000
To support the processing, accession, and collection of records for four collections from the Oregon Wine History Archive (80-100 linear ft.), which contains materials from seven Oregon wineries/vineyards (Adelsheim, Amity, Erath, Eyrle, Ponzi, Sokol Blosser, and Weber) and the International Pinot Noir celebration. To enhance public access, a finding aid will be contributed to the Northwest Digital Archive with highlights of the digitized materials will be uploaded to Linfield's digital repository.			
URL: http://digital.hanlib.sou.edu/cdm/landingpage/collection/p16085coll8			
Pacific City dory fleet historic preservation project,	2013	OCT	\$5,000
To support the completion of the final phase in the Pacific City dory fleet historic preservation project, including: 1) completion of oral history interviews and collection of artifacts, 2) preparation of new and previously collected materials for inclusion in digital and physical archives, 3) cataloging of materials, and 4) uploading of materials into Linfield's Digital Commons repository.			
URL: http://digitalcommons.linfield.edu/dory_audio_all/?REMOTE_ADDR=208.180.124.133&			

Mission Mill Museum Association				\$4,784
Inventory and digitization	2010	OHC		\$4,784
Inventory the Willamette Heritage Center's objects, complete condition reports, digitally photograph all artifacts not photographed previously, and update the database.				
URL:				
National College of Naturopathic Medicine				\$22,773
Alternative Medicine Digitization Pilot Project	2005	LSTA		\$22,773
This pilot project will make a select number of rare, historically significant books key to the field of naturopathic medicine to digitize and make available to a wide audience via the Web. The National College of Naturopathic Medicine and the Oregon Health and Science University will team up to do the digitization. The website: http://content.ohsu.edu/nmhc/				
URL: http://drl.ohsu.edu/cdm/landingpage/collection/nmhc2				
North Lincoln County Historical Museum				\$1,795
Collection cataloging	2006	OHC		\$1,795
Re-catalogue all of the Museum's collections using updated Past Perfect software, a new computer, one contracted worker and a team of volunteers.				
URL:				
Northwest History Network				\$9,961
Oregon Woman Suffrage Centennial project	2009	OHC		\$9,961
This grant will support the Northwest History Network's 2012: Oregon Woman Suffrage Centennial project. The project will design and develop a web site to publish information about the history of women's political achievements in Oregon, beginning with the right to vote.				
URL: http://centuryofaction.org/				
Orbis Library Consortium				\$66,135
Data for Local Communities, Year 2	2003	LSTA		\$66,135
Orbis members continue developing their project to make local documents and information more available. The project is focusing on statistical sources, historical records, news reporting, maps and digitized mapping data. Orbis members are contributing cataloging for such items as the Web-based resource is built. The Web site is at: http://libweb.uoregon.edu/dlc/				
URL: https://library.uoregon.edu/dc/dlc/				
Oregon City Public Library				\$22,905
Early Oregon Voices: Digitizing Historic Oregon City Newspapers	2013	LSTA		\$22,905
Early Oregon Voices: Digitizing Historic Oregon City Newspapers will digitize the early Oregon newspapers published in Oregon City from territorial days to 1922. The project will contract with the Oregon Digital Newspaper Program (ODNP) at the University of Oregon to microfilm some recently discovered original papers, conserve and improve the readability of some existing microfilm and digitize the papers. The papers will be added to the Historic Oregon Newspapers website and linked via the Library's homepage. The URL: http://oregonnews.uoregon.edu .				
URL: http://oregonnews.uoregon.edu				

Oregon Council of Teachers of English				\$173,984
Oregon Encyclopedia of History and Culture	2009	OHC		\$20,000
<p>This project will identify and commission at least 80 entries on the history and culture of women and under-represented populations for the Oregon Encyclopedia of History and Culture. At least two entries each will come from 35 counties. This is part of the encyclopedia's initiative on women and ignored populations in small-town Oregon. This is phase one of the initiative.</p> <p>URL: http://www.oregonencyclopedia.org/</p>				
Libraries as Community Research Centers	2010	LSTA		\$77,554
<p>Information about Oregon's recent past (1970 to the present) and culture is overlooked and deemed unimportant. This is particularly true for minority and non-mainstream groups, as few efforts have reached out to record their history. Oregon needs an authoritative encyclopedia to document the history of these under-represented people and communities. The Oregon Council of Teachers of English (OCTE) is a partner of The Oregon Encyclopedia (OE), a statewide effort to create an on-line compendium of authoritative information on Oregon history and culture. Through a series of community meetings led by OE staff and hosted by public, academic, and school libraries, the Libraries as Community Research Centers project is committed to focusing on the active recruitment and participation of under-represented populations in the researching, writing and documenting of Oregon history.</p> <p>URL: http://www.oregonencyclopedia.org/</p>				
Libraries as Community Research Centers	2011	LSTA		\$76,430
<p>Much of Oregon's community knowledge, history, and culture is undocumented. This is particularly true for ethnic minorities, women, and rural populations. This project will add to an authoritative publication, The Oregon Encyclopedia, which documents the history of these under-represented people. Through a series of workshops and meetings led by trained historians and hosted by public, academic, and school libraries, the Libraries as Community Research Centers project is committed to providing an opportunity for Oregon students to contribute entries to the Encyclopedia. By working with students, tribal members, teachers and librarians, public, academic and tribal libraries will be strengthened as centers for research. The meetings will also generate 120 Encyclopedia entries that will be posted to the OE web site (http://www.oregonencyclopedia.org/).</p> <p>URL: http://www.oregonencyclopedia.org/</p>				
Oregon Historical Society				\$524,622
Building Public Access Funding	2003	IMLS		\$150,000
<p>Building Public Access Funding will enable the Oregon Historical Society (OHS) to allow 24-hour remote public access to its collections by supporting digitalization efforts and Web enhancement activities. They will select high-profile items and the most heavily used library collections for digitization and digitize at least 20 percent of artifacts and library materials and process them for the Web site by the end of 2004. This technological initiative will be coordinated with the Society's Oregon History Project, a series of teacher training workshops and initiatives throughout the state designed to encourage teachers to discover new ways to engage students in thinking about Oregon history.</p> <p>URL: http://www.ohs.org/the-oregon-history-project/</p>				
Preserving the Past: Digitizing for the Future	2003	LSTA		\$126,192
<p>Since 1898 the Oregon Historical Society has been a depository of Oregon's history, but many of the collections are "building-bound." With the purchase of specialized imaging equipment and the help of a photographer, the Historical Society intends to increase by 75% the amount of digitized artifacts and documents on their Web site.</p>				

URL: http://librarycatalog.ohs.org/EOSWeb/OPAC/Search/AdvancedSearch.asp?SelectUsing=6&selectField1=KW&txtSearch1=[graphic]&GoPressed=true&NotFirstDisplay=1&IsFirstDisplay=false&HyperSearch=true				
Oregon Time Web: A Digital Teaching Resource The creation of an online timeline examining Oregon and Pacific Northwest history, based on the Oregon Historical Society's primary source holdings. URL: http://www.ohs.org/education/oregonhistory/timeweb/	2006	NEH	\$143,950	
Commission 90 entries for the Oregon Encyclopedia Project Commission 90 entries for the Oregon Encyclopedia Project URL: http://www.oregonencyclopedia.org/	2007	OHC	\$20,000	
To provide online access to 4,500 manuscript collections on the settlement of the West and the development of the Pacific Northwest. To provide online access to 4,500 manuscript collections on the settlement of the West and the development of the Pacific Northwest. URL: http://nwda.orbiscascade.org/search/results.aspx?t=a&i=16	2010	NHPRC	\$84,480	
Oregon Institute of Technology \$184,816				
Water in the Klamath Basin Digital Library The Oregon Institute of Technology will provide a central, comprehensive collection of water supply and use-related materials accessible to all via the Internet. They will coordinate with Southern Oregon University and others to gather digitized materials and create metadata for searching. Note: The project website is at: http://klamathwaterlib.oit.edu/ . URL: http://digitallib.oit.edu/cdm/landingpage/collection/kwl	2004	LSTA	\$96,633	
Klamath Waters Digital Library, Year 2 OIT continues a second year of a project to promote the knowledge of the various complex issues associated with water supply and use in the Klamath River Basin. The project will bring together important documents and digitize as necessary to provide access. This grant builds upon the work of the first year, and expands the scope of the collection to the Lower Klamath Basin, adding materials in alternate formats (maps, video, etc.), and promotes use of the site. Note: The project website is at: http://klamathwaterlib.oit.edu/ . URL: http://digitallib.oit.edu/cdm/landingpage/collection/kwl	2005	LSTA	\$88,183	
Oregon Jewish Museum \$6,900				
Create an electronic finding aid Create an electronic finding aid to provide access to the museum's collections URL:	2007	OHC	\$6,900	
Oregon Nikkei Endowment \$10,000				
Digitize audio and video Digitize oral history video- and audio-tape collection, and tag, describe and organize material in collections management database URL:	2009	OHC	\$10,000	
Oregon Public Broadcasting \$20,000				
Video preservation project In partnership with the Oregon Historical Society, OPB will migrate 68 hours of deteriorating television news footage of the rise and fall of the Rajneeshes in Central Oregon from 1981-1985 to an accessible video preservation format. The partners will produce a 1-hour Oregon Experience 1V special, and create DVDs of the footage to be available to the public at OHS. URL:	2009	OHC	\$20,000	

Oregon Secretary of State, Archives Division				\$134,419
Oregon Records Management Solution	2012	NHPRC		\$134,419
To support a two-year project to integrate the Governor's office into the Oregon Records Management Solution and to work with the Washington State Digital Archives to create a regional system of managing electronic records from creation to final disposition				
URL:				
Oregon Shakespeare Festival				\$200,000
Digitizing and Creating Access to the Audiovisual Collection in the Oregon Shakespeare Festival Archives	2013	NEH		\$200,000
The cataloging and digitization of 3,098 items in an audiovisual collection that documents the performance history of the Oregon Shakespeare Festival (OSF), among the oldest and largest professional regional repertory theater companies in the United States. The materials will be cataloged and digitized along with a six-volume, 900-page descriptive finding aid for the audio collection. Digitization of 3,098 deteriorating films, audiotapes and videos that comprise a comprehensive record of Shakespeare and theatrical performance by a single U.S. theater company. The digitized recordings and a descriptive finding aid will be freely accessible on-line. The collection documents the eight-decade history of one of the oldest and largest repertory theaters in the country and holds essential insights into the origin of the Shakespearean festival tradition in the United States and its impact in individual American communities and on a national level.				
URL:				
Oregon State Hospital Museum of Mental Health				\$2,700
Catalog the artifacts associated with the Oregon State Hospital.	2011	OHC		\$2,700
Purchase a computer, digital camera and PastPerfect software to document artifacts and archival storage materials. Catalog the artifacts associated with the Oregon State Hospital.				
URL: http://oshmuseum.org/category/artifacts/				
Oregon State University				\$802,732
Northwest Digital Archives: A Union Database of Encoded Finding Aids of Idaho, Montana, Oregon, and Washington	2002	NEH		\$349,778
The development of an Internet-accessible database of 2,300 finding aids marked up according to encoded archival description, describing archival collections held by institutions in Idaho, Montana, Oregon, and Washington.				
URL: http://nwda.orbiscascade.org/				
The Northwest Digital Archive: Expanding Access to Archival Collections in Idaho, Montana, Oregon, and Washington	2005	NEH		\$299,947
Providing expanded online access to archival and manuscript collections at seventeen institutions in Idaho, Montana, Oregon, and Washington, which includes providing administrative and technical support and training participants in encoding and the use of style sheets.				
URL: http://nwda.orbiscascade.org/				
Oregon Digital Library Project - Digitizing Center Pilot Project	2009	LSTA		\$14,999
In a special end-of-year appropriation, the Oregon State University Library will augment grant 10-09-5a "Oregon Digital Library Project" by training and working with two historical societies in a pilot to demonstrate what a digitizing center can do in training and production.				
URL:				
Oregon Digital Library Project	2010	LSTA		\$69,373
The Oregon Digital Library Project (ODLP) will build upon the previous				

investigations done by OSU Libraries, and seek to build a collaborative portal for the discovery of digital collections created by institutions within the State of Oregon . Utilizing LibraryFind, a previously funded LSTA project, the ODLP would create a centralized portal for information that could be searched by any library user to locate digital assets created by Oregon's cultural centers and locate them in context to materials that may exist at other institutions. Additionally, the ODLP will act as a repository for search engines, exposing all harvested metadata for indexing into the greater WWW. For institutions that already make their materials available for harvest, this would add additional exposure and weight to their page rank. For institutions that currently do not have the ability to make their materials available to the WWW for general indexing, the ODLP will expose those collections to a much wider and diverse audience.

URL: <http://odl.library.oregonstate.edu/record/search>

Development and Management of Building Oregon: Architecture of Oregon and the Pacific Northwest Mobile Project	2013	LSTA	\$68,635
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OSU will create a web-based tool, optimized for use in a mobile environment that takes the University of Oregon's Building Oregon: Architecture of Oregon and the Pacific Northwest collection, and makes it accessible to users in a mobile app, leveraging the tools and capabilities that the mobile environment provide. Building Oregon is a traditional digital collection of approximately 20,000 images representing approximately 5,000 cultural properties from nearly 500 sites. Once the mobile tool has been created, OSU Libraries will release the framework on open source code repositories, like GitHub, for other libraries with digital collections to use to mount their own digital collections or repurpose existing digital collections in a mobile environment. *Note: funding delayed to FY2013 due to sequestration.*

URL: <http://oregondigital.org/digcol/archpnw/>

Pacific University			\$245,809
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Washington County Digital Library	2011	LSTA	\$107,925
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Washington County has many cultural organizations which are collecting or housing materials about the county's history. Use of these unique and valuable materials is limited due to the lack of easy accessibility to the dispersed and often fragile physical collections. Washington County Museum and Pacific University Library, in collaboration with libraries and historical societies throughout the county, propose to build a unified digital collection of historical images related to this region, to be called the Washington County Digital Library (WCDL). The first year objectives are to establish the administrative structure for a sustainable project, build the technical, digital, and metadata infrastructure for WCDL, access collections and develop criteria for digitization and digitize a core collection of 6000 images and build partner capacity through training on standard practices. This project will greatly increase public access to the visual history of Washington County. The URL is <http://washingtoncountyheritage.org/cdm/>.

URL: <http://washingtoncountyheritage.org/>

Washington County Heritage Online, Year 2	2012	LSTA	\$101,075
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Washington County has many organizations which collect and house materials about the county's history. The resources held by this plethora of cultural institutions lack any kind of central organization, which limits access. In addition, many of these collections consist of fragile or uncataloged groups of objects, and this increases the difficulty in accessing the items. Pacific University and Washington County Museum continue organizing these collections by building a unified digital collection of historic images related to this region - Washington County Heritage Online (WCHO). The focus of year two is to enhance partnerships with local organizations, continue digitization and metadata creation, promote WCHO, and ensure that WCHO can be both self-sustaining and expandable for the future. URL:

<http://cdm16047.contentdm.oclc.org/cdm/>.

URL: <http://washingtoncountyheritage.org/>

Washington County Oral Histories: A Planning Grant

2013 LSTA \$36,809

This project will survey Washington County's existing oral history collections and plan for the curation of new oral histories. It will identify under-represented communities within the county whose experiences are not well documented, yet are of vital interest to preserve. The project will involve the communities themselves in selecting the most crucially important stories to record and preserve. Finally, this project will recommend a plan for preserving and making existing oral histories available online. *Note: funding delayed to FY2013 due to sequestration.*

URL: <http://washingtoncountyheritage.org/>

Portland Art Museum

\$341,765

Native American art digitization project

2012 IMLS \$150,000

The Portland Art Museum will digitize and provide online accessibility to its collection of 8,000 works of Native American art for the benefit of scholars, students, and the general public. With objects dating from pre-European contact to the present, the collection features important works from nearly every tribal group in North America, with especially strong representation of tribes from the Northwest Coastal. Records will include high-quality images and authoritative metadata, as well as interactive features such as dynamic gallery views and links to related public programming, interviews, lectures, and interpretive texts. In addition to sharing images and authoritative information on its website, the museum will publish the collection to federated resources and leading scholarly databases including ARTstor.

URL: <http://www.portlandartmuseum.us/mwebcgi/mweb.exe?request=advanced;source=128;subset=100>

To support the Northwest Art Initiative.

2012 NEA \$20,000

The project, designed to offer national and international exposure of Northwest artists, includes digitization and dissemination of works from its permanent collection comprised of objects from the 19th century to the present, including, for Phase 1, paintings, prints, and drawings.

URL: <http://www.portlandartmuseum.us/mwebcgi/mweb.exe?request=advanced;source=256;subset=100>

Northwest Art Initiative, Phase II

2013 NEH \$171,765

Cataloging and digitization of 7,750 works of Northwest regional art, including textiles, baskets, masks, photography, paintings, prints, and drawings.

URL: <http://www.portlandartmuseum.us/mwebcgi/mweb.exe?request=advanced;source=256;subset=100>

Portland State University

\$115,332

The Oregon Sustainable Community Digital Library

2005 LSTA \$54,900

The Oregon Sustainable Community Digital Library will provide a central repository for the collection, accession, and dissemination of key planning documents: grey literature, planning reports, digital images, etc. from the planning department of Portland State University, Metro, TriMet, Oregon Historical Society, and the counties and cities comprising the Portland Metropolitan Area. The project hopes to eventually expand throughout the State of Oregon. Note: The website is at: <http://oscdl.research.pdx.edu/>.

URL: <http://oscdl.research.pdx.edu/>

The Oregon Sustainable Community Digital Library, Year 2

2006 LSTA \$45,500

Portland State University continues to work with regional and local government to develop a central repository for the collection, accession and dissemination of key planning documents, reports, images, etc. These items of grey literature emanate from PSU, Metro, TriMet, and the Oregon Historical Society. Note: The website is at: <http://oscdl.research.pdx.edu/>.

URL: <http://oscdl.research.pdx.edu/>

Portland Chapter of the Japanese American Citizens League Inventory Project	2012	OCT	\$5,000
To inventory, organize, preserve and make accessible the historically important records of the Portland Chapter of the Japanese American Citizens League, the Country's oldest Asian American organization dedicated to preserving our shared civil rights, by organizing 23 boxes of original documents and photos representing over 80 years of Portland's Japanese American community history; identifying and preserving fragile materials; and launching an online searchable inventory, available to the public, to facilitate access for researchers, educators, students and community members.			
URL: https://archives.pdx.edu/archon/?p=collection/controlcard&id=128			
Oregon Public Speakers Preservation and Access Project	2013	LSTA	\$9,932
Portland State University Library holds approximately 250 hours of original reel-to-reel audio recordings, representing over 200 public speaking events recorded on the Portland State campus from the 1950s through the 1970s. As primary documentation of the visits of noted public figures in government, foreign policy, education, science, the arts, and social activism, these unique recordings capture an important moments of contemporary culture. At this time, however, this entire collection of recordings is entirely inaccessible. Playback in the original format may cause irreversible damage and loss due to the fragile nature of the medium. The goal of this project is to preserve these invaluable and unique resources through transfer to a digital format and to make them easily and freely accessible online to a broad range of users.			
URL:			
Salem Library Foundation			\$17,400
Digitize Bush Family Historic Photo Collection	2004	OHC	\$17,400
Collaborate with the Salem Art Association's Bush House Museum to identify, digitize, and make accessible the Bush Family Historic Photo Collection, as more particularly described in the project grant application.			
URL: http://photos.salemhistory.net/cdm/landingpage/collection/bushhouse			
Southern Oregon University			\$157,551
Southern Oregon Digital Archives History Collection	2006	LSTA	\$46,534
Access to key published and unpublished historical material of Southern Oregon is difficult due to geographic isolation. The Southern Oregon University Library will add 250 digitized and searchable history documents to the Southern Oregon Digital Archives (SODA). The Southern Oregon Historical Society, Jackson County Library Services, and Josephine County Library System will assist in material selection.			
URL: http://soda.sou.edu/			
Southern Oregon History Collection: Phase II (Yr. 2)	2007	LSTA	\$41,854
Citizens of Coos, Curry, Douglas, Jackson and Josephine counties will benefit from Southern Oregon University Library's continuing efforts to collect, digitize and publish key regional history documents on the web. Documents will become part of the SODA project, (Southern Oregon Digital Archives), and be searchable. Five public libraries and three historical museums will be providing items. SOU has also identified unpublished documents from the Rogue River National Forest records to digitize. This project offers an excellent example of a regional digital center.			
URL: http://soda.sou.edu/			
Images and Education: A Southern Oregon Perspective	2010	LSTA	\$69,163
The Hannon Library will work with the Southern Oregon Historical Society and the Oregon Shakespeare Festival to create a digital image collection that documents historical, economic, environmental, social, and cultural perspectives in Southern Oregon. The objective of the second year of the grant is to provide			

training to for staff at small local historical associations, public libraries, and non-profits in Southern Oregon area to prepare collections for digitizing services at SOU. The website is <http://soda.sou.edu>.

URL: <http://digital.hanlib.sou.edu/cdm/>

Talent Historical Society				\$2,545
Website development	2006	OHC		\$2,545
Re-catalogue all of the Museum's collections using updated Past Perfect software, a new computer, one contracted worker and a team of volunteers.				
URL:				
Troutdale Historical Society				\$4,500
Digitize photo collection	2006	OHC		\$4,500
Use the Past Perfect computer application to digitize the photo collection, archive records, library resources and photos of exhibits. All entries will have searchable descriptions and a location listed.				
URL:				
University of Oregon				\$2,669,903
Northwest Digital Archives (NWDA)	2008	IMLS		\$38,844
The Orbis Cascade Alliance is a combination of 35 academic libraries in the states of Washington and Oregon. One of the Alliance's programs is the Northwest Digital Archives (NWDA), a 31-institution consortium of archives in Oregon, Washington, Alaska, Idaho, and Montana that currently maintains a database of finding aids for its members' archival collections. The grant, part of a long-range planning process, will support the second stage of planning, in which the group will determine solutions to specific problems that are currently impeding the development of sustainable digital programs. The project will be a collaborative effort of the Alliance, Washington State University, Lewis & Clark College, Whitman College, and Whitworth University.				
URL: http://nwda.orbiscascade.org/				
Northwest Digital Archives (NWDA)	2010	NHPRC		\$123,118
To assist seven small liberal arts colleges in Oregon and Washington with archival program development and to make their collections known to researchers through the Northwest Digital Archives.				
URL: http://nwda.orbiscascade.org/				
Northwest Digital Archives (NWDA) search tool	2011	IMLS		\$249,904
Archives and special collections have developed shared standards for describing their materials. However, these descriptions or "finding aids" are often difficult to combine in a shared searchable system because of the complex descriptions of groupings and items in each archive's various collections. Building upon previous work in other institutions and consortia, the University of Oregon Libraries will build, evaluate, and demonstrate a new tool for searching across large numbers of collection descriptions from 36 different archives, and will link to other regional and national efforts. Partner institutions in this effort are the Orbis Cascade Alliance, Lewis & Clark College, Oregon State University, Pacific University, Seattle Municipal Archives, Western Washington University, Washington State University, and the University of Montana.				
URL: http://nwda.orbiscascade.org/				
Northwest Digital Archives: Expanding Access to Northwest Archival Collections	2011	NEH		\$137,756
The creation of 482 archival finding aids for inclusion in the Northwest Digital Archives, an online union database supported by a consortium of twenty-eight archives and other repositories containing manuscript materials documenting the				

history and culture of the Pacific Northwest.

URL: <http://nwda.orbiscascade.org/>

Oregon Digital Newspaper Project, Phase One

2009 NEH \$690,393

The digitization of 100,000 pages of Oregon newspapers, dating from 1860 to 1922, as part of the National Digital Newspaper Program (NDNP).

URL: <http://oregonnews.uoregon.edu/>

Oregon Digital Newspaper Project

2009 OCT \$145,000

Supports the construction of local digital infrastructure and digital file backup system.

URL: <http://oregonnews.uoregon.edu/>

Oregon Digital Newspaper Project

2009 LSTA \$79,883

The Oregon Digital Newspaper Project will make the history of Oregon accessible to its citizens through the creation of an online historic Oregon newspaper collection. This funding will cover the initial staffing for two years in conjunction with pending Oregon Legislative funds for one-time start-up costs and digitization of 200,000 of historic newspaper pages (approx. 30 years of 16 rural weekly titles). An online newspaper archive will provide a window into the life of local Oregon communities a century or more ago. It will be freely available to anyone who can access the Internet from their home, their business, their school or their library. The project leverages the Oregon Newspaper Program microfilm collection and expertise at the University of Oregon.

URL: <http://oregonnews.uoregon.edu/>

Oregon Digital Newspaper Project

2010 OCT \$36,046

Allows digitization of additional, historically significant Oregon newspaper pages which might otherwise fall outside the scope and guidelines of NDNP.

URL: <http://oregonnews.uoregon.edu/>

Oregon Digital Newspaper Project Year 2

2010 LSTA \$90,880

The Oregon Digital Newspaper Project will make the history of Oregon accessible to its citizens through the creation of an online historic Oregon newspaper collection. This funding covers the initial project with matching funds for digitization of 150,000 of historic newspaper pages (approx. 30 years of 12 rural weekly titles). An online newspaper archive will provide a window into the life of local Oregon communities a century or more ago. It will provide the opportunity to teach young people about the history of their communities and inspire them to research and write about our history. It will be freely available to anyone who can access the Internet from their home. The website is <http://oregonnews.uoregon.edu/>.

URL: <http://oregonnews.uoregon.edu/>

Oregon Digital Newspaper Project: Supplementary Funds

2010 LSTA \$106,000

In May, 2011 the University of Oregon Libraries asked for funding for a high-speed microfilm digitization machine. The machine would be used in conjunction with the Oregon Digital Newspaper Program. The machine would support digitization of smaller historic newspapers as well as personal documents or manuscripts. It extends the University of Oregon's ability to act as a service center and provide digitization services for local libraries and historical societies; linking these processes with set standards of digitization, description, and access recommendations. This grant only has the short proposal that was given directly to the Oregon State Library Board.

URL: <http://oregonnews.uoregon.edu/>

Historic Oregonian Digitization

2012 LSTA \$125,742

The Oregonian is the paper of record for the state of Oregon. Access to its content is restricted by the ability to travel to a library and use microfilm. This content is vital and important for historical, educational, and economic purposes and should be available to all Oregonians. This project will digitize approximately 214,500 pages from the historic Oregonian (1906-1922) and provide free and open access through the Historic Oregon Newspapers website at

http://oregonnews.uoregon.edu/.
URL: <http://oregonnews.uoregon.edu/>

Oregon Newspapers Index

In the first year of a two-year project, the University of Oregon will digitize its Oregonian card index (1930-1987), as well as using Oregon State Library and Multnomah County Library indexing. The project will also do a survey of local newspaper indexing and collect and post information on the Web about Oregon library microform holdings of local papers. The project will also study the feasibility of adding historic indexing for other Oregon newspapers. Year two should see the pre-1930 Oregonian indexing digitized. Note: The project website is at: <http://libweb.uoregon.edu/dc/newspaper/oregonian/>.
URL: <http://library.uoregon.edu/govdocs/indexing/index.html>

2004 LSTA \$69,738

Oregon Newspaper Index, Year 2

This project builds on the success of year one and will finish the digital index of the Oregonian newspaper, providing access to the paper back to December 1850. Note: The project website is at:
<http://libweb.uoregon.edu/dc/newspaper/oregonian/>.
URL: <http://library.uoregon.edu/govdocs/indexing/index.html>

2005 LSTA \$86,062

Don L. Hunter Archive Project

The University of Oregon Library will collaborate with the University's Museum of Natural History to bring the unique work of a local photographer and audio archivist to a wider audience. Mr. Hunter, who began documenting the sights and sounds of Oregon's people and places in the 1930s, created multi-media presentations that combine historic images with unique recorded and collected sounds, including sounds from nature such as rare bird calls. The project will provide a model for the digitization of diverse audio and visual records in a variety of formats.

URL:

2003 IMLS \$240,894

Percent for Art Statewide Digital Collection and Database

The University of Oregon Libraries and Oregon Arts Commission will create a digital collection of images of the works of art funded through Oregon's Percent for Public Art program. The images will be accompanied by contextual information to enable the study, comparison, and general enjoyment of these works. The website is at <http://boundless.uoregon.edu/digcol/oac/index.html>
URL: <http://oregondigital.org/digcol/oac/>

2006 LSTA \$95,525

Local & Regional Documents Archive for Oregon

Depository programs for state and federal documents have been invaluable for scholars, but documents produced by local branches of the federal government, and cities and counties are not well-documented and preserved. This is especially true for documents that were born digital. This project by the University of Oregon Libraries will systematically capture in electronic form, organize and provide access to local government document throughout Oregon.
URL: <https://scholarsbank.uoregon.edu/xmlui/handle/1794/7549>

2007 LSTA \$77,505

Percent for Art Statewide Digital Collection and Database, Year 2

The University of Oregon Libraries continue their project to capture in electronic form, catalog, and publish images and documents relating to the Percent for Public Art program in Oregon.
URL: <http://oregondigital.org/digcol/oac/>

2007 LSTA \$77,297

Local & Regional Documents Archive for Oregon Year 2

This project was begun to archive two categories of government documents that have not historically been well-captured by existing cooperative efforts between libraries and government agencies. These two categories are documents produced by local (city and county) governments, and those produced by the regional offices of Federal government agencies, such as national forests and Corps of Engineers districts. This project systematically captures, in electronic form, and provides centralized access to important categories of endangered

2008 LSTA \$60,625

documents produced by Oregon local governments and the Oregon offices of federal agencies.

URL: <https://scholarsbank.uoregon.edu/xmlui/handle/1794/7549>

Oregon Folklife Collections Access Project

2011 LSTA \$37,401

This project will improve public access to Oregon folklife collections in the Randall V. Mills Archives of Northwest Folklore and the Oregon Folklife Network, formerly the Oregon Folklife Program. These resources document communities that are underrepresented in the cultural record of the region and underserved by cultural heritage organizations. The project will build on a previous collaboration between the Folklife Program and the UO Libraries to implement the Archivists' Toolkit and develop a database for 3,500 fieldwork collections. In the first year the Archives will complete three major activities: 1) Inventory and preservation survey of media materials in the Archives' collections; 2) Publication of findings aids and catalog records for these collections in Northwest Digital Archives (NWDA), and OCLC WorldCat; 3) Development of a Northwest Folklife Digital Collection

URL: <http://oregondigital.org/digcol/folklore/>

Access to Oregon Folklife Collections Project, Year 2

2012 LSTA \$40,573

In the second year of this multi-year project, the Archives of Northwest Folklore will improve access to Oregon Folklife Program (OFP) collections in a project that makes effective use of existing library technologies and programs, notably the Archivists' Toolkit (AT), a free and open-source data management system that facilitates publication of finding aids and catalog records, and Northwest Digital Archives (NWDA), an Orbis Cascade Alliance program that provides access to finding aids through an online database. The collections comprise fieldwork documentation generated by of the OFP, which was located at the Oregon Historical Society (OHS) until 2009, and replaced in 2011 as the state's public folklore organization by the Oregon Folklife Network (OFN), located at the University of Oregon. In this year of the project the Archives will use tools it developed during the first year to minimally reprocess collections, inventory and assess media materials, build a collections database, and publish finding aids and catalog records. The primary goal is to improve public access to Oregon folklife collections.

URL: <http://oregondigital.org/digcol/folklore/>

Oregon Women's Political History Collection Processing Project

2012 LSTA \$13,017

The several manuscript collections that together form the Oregon Women's Political History Collections constitute 284 linear feet of manuscript materials relating to women's political and activist work in Oregon in the latter half of the twentieth century. These collections contain correspondence, reports, photographs, financial papers, and publications and provide a window into the work of the women activists whose efforts focused on achieving equal human rights for all people in Oregon. Unprocessed, these collections are essentially hidden from researchers in Oregon and elsewhere that could benefit from access to these materials. The story of women's political work in Oregon in the mid-to-late twentieth century has not been fully told; these primary source documents, the sources necessary for the writing of history, are essential to that process. Staff will create and publish finding aids for access to this collection.

URL: <http://library.uoregon.edu/node/3532>

Easy and Affordable Hosted Streaming Media for Libraries

2013 LSTA \$47,700

This project will utilize open source software to provide a centralized streaming media service that will allow students, faculty, and other patrons to remotely access sound recordings, musical scores, videos, poetry, performances, oral histories, and other media. In accordance with the Association of Research Libraries Code of Best Practices in Fair Use for Academic and Research Libraries, and the Music Library Association's Statement on Copyright Law and Fair Use in Music, digitization efforts will focus on course reserves, public

domain materials, and materials in need of preservation. The use of cloud-based computing allows this service to serve multiple institutions in a sustainable and cost-effective manner.

URL:

Washington County Museum				\$17,700
Oral history program	2007	OHC	\$5,000	
Purchase digital recording, video and transcribing equipment to conduct 10 oral histories, including research, interviews, follow-up interviews, videotaping and editing, transcription and indexing in printed and digital forms				
URL:				
Digitization of William Finley photographs	2012	OHC	\$12,700	
Scan the photographs of William Finley, create an exhibit of the photos and make them available online.				
URL: http://wcmuseumexhibits.org/				
Western Oregon University				\$119,612
Cooperative Governors' Papers Project: A Planning Grant	2011	LSTA	\$51,268	
A consortium of three public and private higher education libraries (Willamette University, Portland State University, and Western Oregon University) will cooperatively identify, solicit for donation, process, and preserve the non-official and personal papers of the 13 Oregon governors since World War II. Selected portions of the collections will be digitized for access and viewing on the Web. The scope of the proposal is all materials other than those collected by the Oregon State Archives in Salem. This project is an identification and proof-of-concept phase that would set the stage for a larger project dependent on the outcome of the discovery portion of this first effort.				
URL: http://www.wou.edu/provost/library/archives/oregongovernors/				
Cooperative Governors' Project (Implementation Grant)	2012	LSTA	\$68,344	
A consortium of three public and private higher education libraries (Willamette University, Portland State University, and Western Oregon University) will identify, solicit, process, and preserve the non-official and personal papers of three of the Oregon governors since World War II. Information about the collections will be made available online and selected portions of the collections will be digitized for access and viewing on the Web. The scope of the proposal is all materials other than those collected by the Oregon State Archives in Salem. The first part of the project will endeavor to identify the locations and ownership of gubernatorial papers and to create a listing of whose papers are where. A second goal of the project is the cross training among the three institutions on the systematic processing of political papers. This will be followed by a small proof-of-concept project for processing and digitizing of select portions of the Straub collection to determine time and resources needed for a larger initiative that would encompass non-official gubernatorial papers across institutions.				
URL: http://www.wou.edu/provost/library/archives/oregongovernors/				
Willamette University				\$49,020
Bridging the Gap: Connecting Authors to Museum and Archival Collections	2008	NEH	\$49,020	
The creation of an open source link between the digital resources available through the commonly-used asset management system, CONTENTdm, with the multimedia Web authoring application, Pachyderm. This project improves the ability of multimedia authors to interact with the digital collections of museums, archives, and libraries, thereby enhancing experimentation in new forms of humanities scholarship. The project envisions development of an open sources bridge between a widely used digital asset management system (CONTENTdm)				

and applications that support the Open Knowledge Initiative's standard for interoperability, including open source, multimedia authoring tools. In a collaborative scholarly endeavor, we will use this software bridge to develop a multimedia presentation on the Pacific Northwest Artist Carl Hall (1921-1996) that directly incorporates images and audio from museum and archival digital collections.

URL: <http://libmedia.willamette.edu/MUSEUM/CarlHallOregonMaster3/>

APPENDIX 2. OREGON DIGITAL COLLECTIONS

GOVERNMENT ARCHIVES, LIBRARIES, AND RECORDS CENTERS

CITY OF BEAVERTON

Washington County Heritage Online

Scope: The City of Beaverton, incorporated in 1893, holds historic photographs of the town and the surrounding region.

Extent: 66

URL: <http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll13>

Funding Source: LSTA

CITY OF PORTLAND ARCHIVES

Portland Timeline Images

Scope: The City of Portland, Oregon celebrated its 150th anniversary of incorporation in 2001. This chronological timeline presents dates in the development of the City--highlighting the services, responsibilities, and citizen needs that city government serves.

Extent: 90

URL: <http://www.portlandonline.com/auditor/index.cfm?c=27928>

Slide Show Images

Scope: The City of Portland's archival records provide important historical evidence of the development of city government since 1851. Significant research subjects documented by the collection include, but are not limited to, urban planning, parks, land use, public works, economic development, public safety and social issues.

Extent: 37

URL: <http://www.portlandonline.com/auditor/index.cfm?c=51818>

CONFEDERATED TRIBES OF THE UMATILLA INDIAN RESERVATION

Our History & Culture

Scope: Series of pages with information about the history and cultural of the Confederated Tribes of the Umatilla Indian Reservation

Extent:

URL: <http://www.ctuir.org/history.html>

LIBRARY OF CONGRESS

American Memory

Scope: American Memory provides free and open access through the Internet to written and spoken words, sound recordings, still and moving images, prints, maps, and sheet music that document the American experience. It is a digital record of American history and creativity. These materials, from the collections of the Library of Congress and other institutions, chronicle historical events, people, places, and ideas that continue to shape America, serving the public as a resource for education and lifelong learning.

Extent: 11468

URL: <http://www.loc.gov/search/?q=oregon&fa=partof%3Aamerican+memory>

MULTNOMAH COUNTY ARCHIVES

YouTube Video Collection

Scope: A collection of videos, primarily including material from the Multnomah County Sheriff's Department.

Extent: 13

URL: <http://www.youtube.com/user/MultCoArchives>

Multnomah County Archives

Scope: The County Records Management Program maintains archival records for use by county agencies and public researchers. Archival records are records that have been identified for permanent retention on agency records retention schedules, records that are included in the Multnomah County Historical Records Inventory, or records that were created in 1920 or earlier.

Extent: 13

URL: <https://archon.multco.us/index.php>

NATIONAL ARCHIVES AND RECORDS ADMINISTRATION

Digital Public Library of America

Scope: The National Archives and Records Administration (NARA) is the nation's record keeper. Of all documents and materials created in the course of business conducted by the United States Federal government, only 1%-3% are so important for legal or historical reasons that they are kept by us forever. Major NARA collections in DPLA with Oregon content include the National Archives at College Park - Still Pictures Collection (1927), National Archives at College Park - Cartographic Materials Collection (967) and the National Archives at Seattle (245).

Extent: 3211

URL: <http://dp.la/search?partnerfl=National+Archives+and+Records+Administration&q=Oregon&utf8=%E2%9C%93>

OREGON STATE ARCHIVES

A 1940 Journey Across Oregon

Scope: An exhibit matching state tourism photographs with colorful descriptions of an adventure from Ontario to Astoria.

Extent:

URL: <http://arcweb.sos.state.or.us/pages/exhibits/across/index.html>

Primary Theme: Environment & Natural Resources

A 1940 Oregon Coast Tour

Scope: An exhibit blending tourism photographs and vintage WPA tour text describing the attractions along Oregon's striking coastline.

Extent:

URL: <http://arcweb.sos.state.or.us/pages/exhibits/coast/index.html>

Primary Theme: Environment & Natural Resources

Crafting the Oregon Constitution: Framework for a New State

Scope: Learn about the making of the 1857 constitution. Explore issues before, during, and after the convention with over 250 Web pages.

Extent:

URL: <http://arcweb.sos.state.or.us/pages/exhibits/1857/index.htm>

Primary Theme: Geography & Places

Early Oregonian Database

Scope: The Early Oregonian database is a project that attempts to document all individuals who lived in Oregon prior to statehood through 1860. There are approximately 103,000 Early Oregonians represented in the database. No images.

Extent:

URL: <https://secure.sos.state.or.us/prs/personProfileSearch.do?earlyOregonian=true&searchReset=true>

Primary Theme: People

Echoes of Oregon

Scope: An educational resource featuring documents from the Oregon territorial period.

Extent:

URL: <http://arcweb.sos.state.or.us/pages/echoes/index.html>

Primary Theme: Oregoniana

Highlights of the Archives

Scope: An exhibit with over one hundred pages of colorful Oregon history about Prohibition, the Whitman Massacre, a prison breakout, and more.

Extent:

URL: <http://arcweb.sos.state.or.us/pages/exhibits/50th/50thintro.html>

Primary Theme: Oregoniana

Historical Travel Photographs

Scope: View over one hundred photographs of scenes along the Columbia River from ca. 1935 to 1984.

Extent:

URL: <http://arcweb.sos.state.or.us/pages/records/state/odot/odotphotos/highway/index.html>

Primary Theme: Environment & Natural Resources

Life on the Home Front: Oregon Responds to World War II

Scope: Explore the experiences of ordinary Oregonians before, during, and after the war. Includes hundreds of pages of text and images.

Extent:

URL: <http://arcweb.sos.state.or.us/pages/exhibits/ww2/index.htm>

Primary Theme: Military

Oregon at War: World War I and the Oregon Experience

Scope: Experience life on the battlefield and home front. Over one hundred pages with hundreds of images and documents.

Extent:

URL: <http://arcweb.sos.state.or.us/pages/exhibits/war/index.html>

Primary Theme: Military

Pearl Harbor Remembered: Oregonians and the Attack on Pearl Harbor

Scope: An exhibit exploring the experiences of Oregonians in relation to the attack on Pearl Harbor in 1941.

Extent:

URL: <http://arcweb.sos.state.or.us/pages/exhibits/pearl/pearl.htm>

Primary Theme: Military

Salem History Collection

Scope: The Oregon State Archives Collection consists of over 2200 photographs selected from the files of the Oregon State Archives in Salem, Oregon. This collection includes photos from throughout the state of Oregon taken in association with the activities of the various state agencies in Oregon government. As one might expect, there is a strong focus in this collection on the various agricultural activities in the state and the natural attractions the state has to offer.

Extent: 2211

URL: <http://photos.salemhistory.net/cdm/landingpage/collection/orarc>

Funding Source: LSTA

Scenic Oregon Images and Landscape Photos

Scope: Nearly 5,000 photos show scenes from every corner of Oregon. The images illustrate the geographic and cultural context and diversity of the state's 36 counties. Currently, the counties are represented by 80 to 238 images each.

Extent:

URL: <http://arcweb.sos.state.or.us/pages/records/local/county/scenic/index.html>

Primary Theme: Environment & Natural Resources

Sold in Oregon: Historical Oregon Trademarks

Scope: An exhibit of 174 of Oregon's most interesting trademarks from the late 1800s and early 1900s.

Extent:

URL: <http://arcweb.sos.state.or.us/pages/tm/home.htm>

Primary Theme: Business & Industry

YouTube Video Collection

Scope:

Extent: 5

URL: <http://www.youtube.com/user/OregonStateArchives/videos>

Primary Theme: Environment & Natural Resources

OREGON STATE LAW LIBRARY

Digital Collections

Scope: Oregon Supreme Court and Court of Appeals Briefs and Opinions

Extent:

URL: <http://digitallawlibrary.oregon.gov/>

Primary Theme: Government, Law, & Politics

OREGON STATE LIBRARY

Building and Street Scenes

Scope: This exhibit encompasses state and local public buildings, businesses, industrial and agricultural buildings, structures such as dams and lighthouses, historic houses, street scenes, bird's-eye views, and aerial views of towns and cities from many areas of Oregon. In many cases, the photographers and source of the photographs is not known.

Extent: 606

URL: <http://photos.lib.state.or.us/exhibit2/vexmain2.htm>

Primary Theme: Architecture & Historic Preservation

Capitol Anniversary Project

Scope: This exhibit celebrates the 75th anniversary of the Oregon State Capitol Building. The images and digitized documents are all from the collections of the Oregon State Library. We gratefully acknowledge the publishers of the Oregonian and the Statesman-Journal for allowing use of newspaper articles in this exhibit, and to the Oregon State Capitol Foundation for the loan of the Charles Sprague scrapbook.

Extent:

URL: http://www.oregon.gov/osl/GRES/Capitol_Anniversary/Pages/home.aspx

Primary Theme: Government, Law, & Politics

Oregon Electronic Documents Repository

Scope: The Oregon State Library has administered the Oregon Documents Depository Program since 1907, collecting, preserving, and distributing publications of Oregon state government. In 2006, the Library

instituted the Oregon Documents Repository, bringing the Depository program fully into the 21st century. The Repository collects, preserves, and provides access to online publications of Oregon state government.

Extent: 10000+

URL: <http://www.oregon.gov/osl/GRES/pages/REPOS/index.aspx>

Primary Theme: Government, Law, & Politics

Oregon Images

Scope: The Oregon Images Exhibit contains a broad spectrum of subjects. Expect to find here photos of daily life in Oregon in the 2nd half of the 19th century and the 1st half of the 20th.

Extent: 435

URL: <http://photos.lib.state.or.us/exhibit3/vexmain3.htm>

Primary Theme: Oregoniana

Oregon National Guard Historical Newsletters

Scope: The Government Research Services division of the Oregon State Library, as a part of its mission to make government information available to the citizens of Oregon, has digitized a historical run of the newsletters published by the Oregon National Guard (ONG). The project covers all of the issues of the different newsletters the Guard published that the State Library has in its collections.

Extent: 203

URL: <http://library.state.or.us/databases/subjects/ONGnewsletters.php>

Primary Theme: Military

Oregon Voters' Pamphlet Collection

Scope: The Government Research Services division of the Oregon State Library, as a part of its mission to make government information available to the citizens of Oregon, has digitized a historical run of Oregon voters' pamphlets. Initially the project covers pamphlets issued for Marion County. Additional counties may be included at a further date as resources allow.

Extent: 205

URL: http://library.state.or.us/databases/subjects/Voters_Pamphlet.php

Primary Theme: Government, Law, & Politics

Portraits

Scope: Most of these portraits were taken before 1920, with the exception of public figures such as Governors. Also included in this exhibit are group portraits. Some portraits are included for their value as resources for those interested in fashions from the past, and in some cases, the identity of the subject(s) is unknown, or only their last name is known. The State Library also has several hundred portraits taken by local photographic studios in the years between 1920 and 1940, but in the interest of privacy for those who may still be living, these portraits will not be included on our website.

Extent: 748

URL: <http://photos.lib.state.or.us/exhibit4/vexmain4.htm>

Primary Theme: People

Siegmund Collection

Scope: The Jacob Siegmund family settled on a Donation Land Claim in the region above Stayton in the mid-1870s. They were a large family with eleven children, ten of whom survived to adulthood. The Siegmund Collection is a group of photographs taken between 1888 and 1891 by two of the Siegmund brothers, Andrew and Louis, who briefly operated a photography business specializing in outdoor photography. The subjects were predominantly the people and scenes of the area known as the Santiam Canyon east of Salem, Oregon. The brothers used a tripod and a camera with a Voightlander viewing lens. All of their photographs were time exposures, and none of the negatives were retouched. 210 of their original glass plate negatives were donated to the State Library in March, 1953, by Andrew Siegmund, and prints were made from the negatives. Matilda Siegmund Jones, a former director of the Marion County Historical Society and youngest of the Siegmund children,

spent months identifying the people in these photographs, and only six photos remain completely unidentified.

Extent: 129

URL: <http://photos.lib.state.or.us/exhibit1/vexmain1.htm>

Primary Theme: People

SIUSLAW NATIONAL FOREST

The Siuslaw National Forest Collection

Scope: Containing nearly 5,000 digital images from the late 1800s to the present, this collection illustrates changing forest management practices, landscapes, and people over the course of Siuslaw National Forest history. Of particular interest are photographs taken by Corydon Cronk during his time as an assistant ranger in 1910-1911.

Extent: 4816

URL: <http://oregondigital.org/digcol/siuslaw/>

ACADEMIC LIBRARIES AND ARCHIVES

EASTERN OREGON UNIVERSITY

EOU Historical Photos

Scope: Various photographs from the history of Eastern Oregon University. These begin with its first identity as Eastern Oregon Normal School from 1929-1939. Next came Eastern Oregon College of Education from 1939-1956. In 1956, "of Education" was dropped by the state, and it was simply Eastern Oregon College from then until 1973 when it became Eastern Oregon State College. It finally became Eastern Oregon University in 1997. However, currently the collection runs up until about 1995. There are also some local area and Union County photographs, as well as more generalized Oregon state photographs from as early as the late 1800s or early 1900s.

Extent: 4189

URL: <http://eou.pastperfect-online.com/36819cgi/mweb.exe?request=advanced; tkeyword=%t1101=%t1102=%t1103=%t1104=%t1105=%t1106=eou%20historical%20photos; t1107=%t1108=%t1109=%3E1091=%3C1092=dtype=d>

Primary Theme: Institutions

Fred Hill Historical Photographs

Scope: This collection is comprised of copies of all kinds of historical images that were gathered by Fred Hill from a multitude of sources. The majority of the images depict interests and history related to Oregon. However, there are also some photos from other geographic areas included as well. The image dates range from the late 1800s to well into the 1900s. Various topics include: logging and sawmills, railroads, schools, automobiles, towns, counties, and events.

Extent: 2087

URL: <http://eou.pastperfect-online.com/36819cgi/mweb.exe?request=advanced; tkeyword=%t1101=%t1102=%t1103=%t1104=%t1105=%t1106=fred%20hill%20historical%20collection; t1107=%t1108=%t1109=%3E1091=%3C1092=dtype=d>

Primary Theme: Oregoniana

Oral History of the Grande Ronde

Scope: This collection of over 180 voices from the Grande Ronde Valley, reflect life in rural Oregon through the World Wars, during the Great Depression, to the present. The stories reflect the boom and bust of economic flux, the personal recollections of family life, and the hardships and triumphs of hard work in timber, farming, mercantile, and education. Included in this exhibit are photographs, transcripts of oral histories, the sound files for the oral histories, and other ephemera related to the Union County, Oregon History Project and additional oral histories from 1978.

Extent: 30

URL: <http://library.eou.edu/ohgr/exhibit1/vexmain1.htm>

Primary Theme: People

Special Collections

Scope: Links to collection descriptions and indexes of "Ecological Collection of Northeast Oregon," "EOU Alumni Bibliography," and "La Grade Observer Index"

Extent: 3

URL: <http://library.eou.edu/collections/>

Primary Theme: Environment & Natural Resources

The Fred Hill World War II Photograph Collection

Scope: This is a collection of WWII era negatives. Most of the collection occurs between 1943 and 1945. However, there are some earlier images ranging back to about 1940, and a few newer photos of the 17th Recon Squadron photo section reunions and the 5th Air Force Memorial Wall. A large number of these images were taken by Fred Hill himself. Fred served in the Western United States, New Guinea, The Philippines, and on Ie Shima, an island off the coast of Okinawa, Japan. Most of the images depict life, and military life in the South Pacific. Images and captions authored by George Venn, which were used in Fred Hill's book Darkroom Soldier, have been identified.

Extent: 1637

URL: <http://eou.pastperfect-online.com/36819cgi/mweb.exe?request=advanced; tkeyword=%t1101=%t1102=%t1103=%t1104=%t1105=%t1106=%22fred%20hill%20wwii%20collection%22; t1107=%t1108=%t1109=%3E1091=%3C1092=:dtype=d>

Primary Theme: Military

GEORGE FOX UNIVERSITY

Bruin Jr. Exhibits

Scope:

Extent: 47

URL: http://www.georgefox.edu/offices/murdock/Archives/Exhibits/Bruin_Jr/index.html

May Day Exhibit

Scope:

Extent: 36

URL: http://www.georgefox.edu/offices/murdock/Archives/Exhibits/May_Day/May%20Day%20Home.html

Minthorn Hall Exhibit

Scope:

Extent: 19

URL: <http://www.georgefox.edu/offices/murdock/Archives/Exhibits/Minthorn/index.html>

Reminisce With Old Photos

Scope:

Extent: 36

URL: <http://www.georgefox.edu/offices/murdock/Archives/Exhibits/Reminisce/index.html>

The Crescent

Scope: The Crescent newspaper has served as "The voice of the students since 1891" at George Fox University (formerly Pacific College). The GFU Archives has scanned and uploaded hundreds of past issues, and are making them available to you here. The online collection will continue to grow over time.

Extent: 287

URL: <http://www.georgefox.edu/offices/murdock/Archives/Exhibits/Crescent/index.html>

Abigail Scott Duniway Collection

Scope: Includes digitized versions of Abigail Scott Duniway's books including: From the West to the West; David and Anna Matson; Oregon: Land of Promise; Path Breaking; and Captain Gray's Company.

Extent: 15

URL: <http://digitalcollections.lclark.edu/items/browse?collection=22>

Primary Theme: Literature

AccessCeramics

Scope: accessCeramics is a growing collection of images of contemporary ceramics by recognized artists. It is designed for use by artists, arts educators, scholars and the general public, and is intended to fill a void in contemporary ceramics digital image collections on the web. The images are stored within the Flickr photo sharings system, and are accessible through this website as well as the Flickr interface.

Extent: 285

URL: <http://accessceramics.org/>

Funding Source: NEA

Primary Theme: Arts

Albany College Student Newspapers

Scope: This collection includes pdf versions of student newspapers published at Lewis & Clark College's predecessor, Albany College. The items in this collection include papers published between 1930 and 1941.

Extent: 2

URL: <http://digitalcollections.lclark.edu/items/browse?collection=25>

Primary Theme: Newspapers

Corbett Estate Architectural Drawings

Scope: This collection includes seven hand drawn sketches of the Hamilton Corbett estate in the Riverdale neighborhood of Portland, Oregon. The sketches were made by the Olmsted Brothers Landscape Architects in 1928. The estate now houses the Lewis & Clark Graduate School of Education and Counseling.

Extent: 7

URL: <http://digitalcollections.lclark.edu/items/browse?collection=9>

Primary Theme: Architecture & Historic Preservation

Erskine Wood Family Collection

Scope: This collection includes over 300 images from the family papers of Charles Erskine Scott Wood and his son Erskine Wood. The collection includes family photographs, scrapbooks, original C.E.S. Wood watercolors and sketches, and selected manuscript material.

Extent: 51

URL: <http://digitalcollections.lclark.edu/items/browse?collection=10>

Primary Theme: People

Fir Acres Architectural Sketches

Scope: The Fir Acres Estate, which is now the home of Lewis & Clark College, was designed by Herman Brookman in 1924 for Lloyd Frank. This collection includes many of Brookman's sketches for the gardens and manor house.

Extent: 8

URL: <http://digitalcollections.lclark.edu/items/browse?collection=11>

Primary Theme: Architecture & Historic Preservation

Gordon Gilkey Prints

Scope: Gordon Gilkey (1912-2000) was a gifted etcher and printmaker, who taught at Lewis & Clark (Albany College) during the 1930s. He also served as the Dean of Liberal Arts at Oregon State University, and

the curator at the Portland Art Museum. Gilkey's prints are represented in art collections all over the world.

Extent: 41

URL: <http://digitalcollections.lclark.edu/items/browse?collection=12>

Primary Theme: Arts

Hugh Deane Collection

Scope: This collection includes the items from the Hugh Dean Collection of East Asian pamphlets, most relating to China during the 1930s, 40s, and 50s.

Extent: 14

URL: <http://digitalcollections.lclark.edu/items/browse?collection=13>

Primary Theme: Race & Ethnicity

Karl Bodmer Images

Scope: Karl Bodmer was a Swiss painter who accompanied Prince Maximillian on an expedition across the American West in 1832. During this expedition, the party encountered many of the Indians described by Lewis and Clark. Bodmer's detailed sketches and watercolors are an important visual record of these cultures. The images in the collection are hand-colored engravings based on Bodmer's watercolors that appeared in a fifty-copy limited edition set of Lewis and Clark's journals edited by Reuben Gold Thwaites in 1904.

Extent: 29

URL: <http://digitalcollections.lclark.edu/items/browse?collection=14>

Primary Theme: Environment & Natural Resources

L. Stanley Glarum Collection

Scope: A collection of photographs, audio recordings, sheet music, and ephemera documenting the career and legacy of Lewis & Clark College Choir director (1947-1975).

Extent: 312

URL: <http://digitalcollections.lclark.edu/items/browse?collection=27>

Primary Theme: Arts

Lewis & Clark Campus Maps

Scope: The collection includes maps showing the development of the Fir Acres campus of Lewis & Clark College (1940-2000).

Extent: 20

URL: <http://digitalcollections.lclark.edu/items/browse?collection=6>

Primary Theme: Architecture & Historic Preservation

Lewis & Clark College Historical Photographs

Scope: This collection includes over 2,000 images dating back to the founding of the college as Albany Collegiate Institute in 1867, and continuing into the modern era as Lewis & Clark College in 1940. The collection also includes faculty portraits and campus scenes from 1940 to present.

Extent: 2298

URL: <http://digitalcollections.lclark.edu/items/browse?collection=4>

Primary Theme: Institutions

Lewis & Clark College Student Newspaper - Pioneer Log

Scope: This collection includes complete issues in pdf format of Lewis & Clark College student newspaper the Pioneer Log.

Extent: 1623

URL: <http://digitalcollections.lclark.edu/items/browse?collection=35>

Primary Theme: Newspapers

Lewis & Clark College Student Newspaper - Sacajawea's Voice

Scope: This collection includes complete issues in pdf format of Lewis & Clark College alternative student newspaper Sacajawea's Voice.

Extent: 13

URL: <http://digitalcollections.lclark.edu/items/browse?collection=31>

Primary Theme: Newspapers

Lewis & Clark College Yearbooks

Scope: The collection includes all of the yearbooks for Lewis & Clark College, and its predecessor Albany College. The first yearbook was issued in 1904. The most recent yearbook was issued in 2004.

Extent: 78

URL: <http://digitalcollections.lclark.edu/items/browse?collection=1>

Primary Theme: Newspapers

Maps of North America

Scope: This collection includes maps from the Special Collections. The collection includes maps associated with overland and Pacific Exploration, as well as maps documenting settlement and urban growth in the Pacific Northwest.

Extent: 11

URL: <http://digitalcollections.lclark.edu/items/browse?collection=15>

Primary Theme: Geography & Places

Oregon Images

Scope: This collection includes postcards, engravings, and other artworks that depict scenes around the state of Oregon.

Extent: 88

URL: <http://digitalcollections.lclark.edu/items/browse?collection=17>

Primary Theme: Environment & Natural Resources

Poetic Voices

Scope: Recognizing the need for poetry in our lives, the Oregon Poetic Voices Project (OPV) has begun to create a comprehensive digital archive of poetry readings that will complement existing print collections of poetry across the state. This sound archive will be available online to Oregonians of all ages and geographic locations at libraries, in schools, at home, or visiting the State Library Poetry Room. Oregon Poetic Voices will draw from three major collections of recorded Oregon poetry: the two decades of sound archives of the Fishtrap Writers' Gathering in Wallowa County, collected by Rich Wandschneider; the fifteen years of weekly interviews conducted by Barbara LaMorticella and Walt Curtis at KBOO radio; and the recorded archives at Sandra Williams's long-running Mountain Writers project. Between them, these three archives contain recordings of almost every significant Oregon poet of the last quarter of the twentieth century, along with a good selection of recent innovators and creative spirits in the increasingly diverse world of Oregon poetry. We will also be soliciting from across the State recordings of Oregon Poets. We hope to be as inclusive as possible.

Extent: 418

URL: <http://oregonpoeticvoices.org/>

Funding Source: LSTA

Primary Theme: Literature

Poetry Broadsides

Scope: This collection includes twentieth century poetry broadsides, most by William Stafford, but some of Stafford's peers like Robert Bly, Charles Simic, and Primus St. John.

Extent: 31

URL: <http://digitalcollections.lclark.edu/items/browse?collection=5>

Primary Theme: Literature

Portraits of William Stafford

Scope: This collection includes portraits of the American poet, William Stafford (1914-1993) from the William Stafford Archives.

Extent: 61

URL: <http://digitalcollections.lclark.edu/items/browse?collection=2>

Primary Theme: Literature

Special Collections Publications

Scope: This collection includes exhibit catalogs, bibliographies, books, exhibit posters, and poetry broadsides that have been produced by the Lewis & Clark College Special Collections department and its publishing venture, the Berberis Press.

Extent: 66

URL: <http://digitalcollections.lclark.edu/items/browse?collection=16>

Primary Theme: Literature

Susan B. Anthony Journals

Scope: Journals from Susan B. Anthony's three visits to Oregon in 1871, 1896, and 1905. Originals are held by the Library of Congress, MS #175559.

Extent: 7

URL: <http://digitalcollections.lclark.edu/items/browse?collection=23>

Primary Theme: Women

The Revolution

Scope: This collection includes PDF versions of the weekly women's rights newspaper, The Revolution, which was published in New York by Susan B. Anthony and Elizabeth Cady Stanton from 1868-1872.

Extent: 214

URL: <http://digitalcollections.lclark.edu/items/browse?collection=21>

Primary Theme: Women

The William Stafford Archives

Scope: The William Stafford Archives, donated to Lewis & Clark College by the Stafford family in 2008, contain the private papers, publications, photographs, recordings, and teaching materials of the poet William Stafford. The Lewis & Clark College Special Collections actively add to this collection by acquiring unique Stafford related materials.

Extent: 174

URL: <http://williamstaffordarchives.org/>

Funding Source: Aubrey Watzek Library, Lewis & Clark College President's Strategic Initiative fund

Primary Theme: Literature

WPA Costumes of the World

Scope: This collection includes a set of images created by the Museum Extension Project of the WPA Pittsburgh Pennsylvania Unit depicting various world costumes from ancient Egypt to the 1890s.

Extent: 100

URL: <http://digitalcollections.lclark.edu/items/browse?collection=18>

Primary Theme: Race & Ethnicity

WWII Civilian Public Service Art

Scope: This collection includes original artwork created by conscientious objectors from U.S. Civilian Service camps World War II.

Extent: 4

URL: <http://digitalcollections.lclark.edu/items/browse?collection=3>

Primary Theme: Arts

WWII Civilian Public Service Camp Newsletters

Scope: This collection includes camp newsletters produced in U.S. Civilian Service camps for conscientious objectors during World War II.

Extent: 46

URL: <http://digitalcollections.lclark.edu/items/browse?collection=7>

Primary Theme: Newspapers

WWII Civilian Public Service Camp Photographs

Scope: This collection includes photographs documenting the activities in U.S. Civilian Service camps for conscientious objectors during World War II.

Extent: 462

URL: <http://digitalcollections.lclark.edu/items/browse?collection=8>

Primary Theme: People

LINCOLN COUNTY HISTORICAL SOCIETY

Lincoln County Historical Society Archive

Scope:

Extent: 1393

URL: <http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Flchsa>

LINFIELD COLLEGE

Digital Commons

Scope: DigitalCommons@Linfield promotes the discovery, sharing, and preservation of the intellectual and creative works of the faculty, students, and staff of Linfield College, as well as the history and development of the College.

Extent: 2747

URL: <http://digitalcommons.linfield.edu/>

OREGON HEALTH AND SCIENCE UNIVERSITY

Beauty of the PNW Collection

Scope: This collection features images of natural features and landmarks in Oregon and Washington including Portland.

Extent: 125

URL: <http://drl.ohsu.edu/cdm/landingpage/collection/beauty>

Primary Theme: Environment & Natural Resources

Campus Collection

Scope: The Campus Collection houses images and video related to the multiple missions of the campus of Oregon Health & Science University.

Extent: 2325

URL: <http://drl.ohsu.edu/cdm/landingpage/collection/drl>

Primary Theme: Institutions

Classic Article Collection

Scope: The Classic Article Collection contains citation information on historically significant articles held by OHSU Library as identified in Morton's Medical Bibliography: An Annotated Check-list of Texts Illustrating the History of Medicine. Articles published before 1923 (public domain) are freely accessible.

Extent: 276

URL: <http://drl.ohsu.edu/cdm/landingpage/collection/p16096coll6>

Primary Theme: Science, Medicine, & Technology

Clinical Outcomes Research Initiative (CORI)

Scope: This collection contains gastrointestinal endoscopy images from the National Endoscopic Databases produced by CORI (Clinical Outcomes Research Initiative).

Extent: 1494

URL: <http://drl.ohsu.edu/cdm/landingpage/collection/logan>

Primary Theme: Science, Medicine, & Technology

CSETech

Scope: Browse or search this collection for electronic copies of reports generated by faculty, staff and students of the OGI Department of Computer Science and Engineering (now referred to as the Biomedical Computer Science Division of the Department of Science & Engineering, OHSU School of Medicine), from 1982 - 2005.

Extent: 346

URL: <http://drl.ohsu.edu/cdm/landingpage/collection/csetech>

Primary Theme: Institutions

FDA Drug Approval Documents

Scope: This collection contains documents from Drug Approval Packages generated by the US Food and Drug Administration (FDA). The collection currently contains documents regarding two drug classes - antipsychotics and antidepressants.

Extent: 87

URL: <http://drl.ohsu.edu/cdm/landingpage/collection/fdadrug>

Primary Theme: Science, Medicine, & Technology

Naturopathic Medicine Historical Collection

Scope: Browse this collection for images of digitizations of objects from the National College of Natural Medicine's Library.

Extent: 20

URL: <http://drl.ohsu.edu/cdm/landingpage/collection/nmhc2>

Primary Theme: Science, Medicine, & Technology

OHSU Historical Collections & Archives

Scope: Browse this collection for digital objects created to support Historical Collection & Archive (HC&A) programs and activities. These include images of materials in the HC&A collections, digital photographs taken at the History of Medicine Society Lectures, and digital photographs of HC&A exhibits.

Extent: 3012

URL: <http://drl.ohsu.edu/cdm/landingpage/collection/hom>

Primary Theme: Institutions

OHSU Oral History Collection

Scope: Selected transcripts from the OHSU Oral History Program.

Extent: 10

URL: <http://drl.ohsu.edu/cdm/landingpage/collection/p16096coll1>

Primary Theme: People

Oregon National Primate Research Center Rare Books

Scope: ONPRC's Isabel McDonald Library holds a collection of rare books on monkeys, apes and other non-human primates published between the 18th and early 20th centuries. The collection includes books of valuable scientific content, historic value, and artistic merit owned by few libraries in the USA or worldwide.

Extent: 11

URL: <http://drl.ohsu.edu/cdm/landingpage/collection/p16096coll3>

Funding Source: LSTA

Primary Theme: Institutions

Student Scholar Archive

Scope: Browse or search the Student Scholar Archive for electronic copies of theses, dissertations, portfolios, presentations and other scholarly work produced by students at OHSU.

Extent: 947

URL: <http://drl.ohsu.edu/cdm/landingpage/collection/etd>

Primary Theme: Institutions

OREGON INSTITUTE OF TECHNOLOGY

Crater Lake Digital Research Collection

Scope: This digital library is a collaborative project between the Oregon Institute of Technology Library and Crater Lake National Park. It is a research collection of park-related scientific and historical/cultural materials for use by researchers, educators and others.

Extent: 356

URL: <http://digitallib.oit.edu/cdm/landingpage/collection/craterlake>

Funding Source: LSTA

Primary Theme: Environment & Natural Resources

Geo-Heat Digital Library

Scope: The Geo-Heat digital library is a collection of documents relating to geothermal energy. This collection is a partnership between the OIT Libraries and the Geo-Heat Center.

Extent: 523

URL: <http://digitallib.oit.edu/cdm/landingpage/collection/geoheat>

Primary Theme: Environment & Natural Resources

GLO Survey Notes Mapping

Scope: This project is comprised of General Land Office original public land survey notes manually transcribed onto the respective U.S. Geological Survey topographic 7.5' quadrangle maps. These notes contain valuable information regarding site conditions at the time of the survey (mid-1800's – early 1900's), including vegetative cover, location of streams and other hydrologic features, and soil conditions. Although public information, these data have been largely inaccessible to the general public due to legibility and lack of readily visualized spatial referencing.

Extent: 82

URL: <http://digitallib.oit.edu/cdm/landingpage/collection/USGS>

Funding Source: Oregon Watershed Enhancement Board

Primary Theme: Environment & Natural Resources

Klamath Project Annual Project Histories

Scope: The annual project histories included in the Klamath Waters Digital Library are digitized versions of the Annual Histories published by the U.S. Bureau of Reclamation from 1903-1964. The Klamath Project Annual Histories, Oregon - California provide descriptions of the management of the project including: canal and dam issues and projects, fiscal year financials, contracts, land acquired, land leased, project organization charts, litigations, photographs, maps, and hydroographies. These documents help explain social, economic and agricultural changes over time in the Klamath River watershed of Oregon and California.

Extent: 42

URL: <http://digitallib.oit.edu/cdm/landingpage/collection/histories>

Funding Source: LSTA

Primary Theme: Environment & Natural Resources

Klamath Waters Digital Library

Scope: Welcome to the Klamath Waters Digital Library, an online repository of information resources related to water issues in the Klamath Watershed. The digital library encompasses a collection of full-text

documents, reports, articles, photographs and maps from the 1800s to the present as well as many special collections. Topics covered include water allocation, land and endangered species management, and the history and development of Klamath Reclamation Project.

Extent: 4612

URL: <http://digitallib.oit.edu/cdm/landingpage/collection/kwl>

Funding Source: LSTA

Primary Theme: Environment & Natural Resources

Senior Projects

Scope: Many of the programs at Oregon Tech require a senior capstone project. Students must also complete a detailed report on their project. This collection provides access to some of these senior projects dating back to 2009.

Extent: 10

URL: <http://digitallib.oit.edu/cdm/landingpage/collection/sprojects>

Primary Theme: Institutions

Shaw Oral History Project

Scope: The Shaw is now placing some of our oral history collection online. This includes interviews both of people who went to school at Oregon Tech and people who have lived in the Klamath Basin.

Extent: 6

URL: <http://www.oit.edu/shaw/collections/oral-history>

Funding Source: LSTA

Primary Theme: People

OREGON STATE UNIVERSITY

1993 ODFW Oregon Rocky Shore Aerial Photography Survey

Scope: In 1993, the Oregon Department of Fish and Wildlife commissioned a aerial survey of Oregon's intertidal zone for two primary reasons: assess kelp stocks and document Snowy Plover habitat. The infrared photos were taken at low tide and form a fairly complete mosaic of Oregon's coast. The photographs in this collection were digitized from originals held at the Guin Library, Hatfield Marine Science Center, and are presented here with the permission of the ODFW.

Extent: 300

URL: <http://oregondigital.org/cdm4/browse.php?CISOROOT=/rockshore93>

Braceros in Oregon Photograph Collection

Scope: The 102 photographs in this collection document the activities of Oregon's Bracero workers - their cultivation and harvesting work in the fields and orchards as well as the farm labor camps in which they lived. Most of the photographs were taken by Oregon State College Extension staff members as part of a larger effort to document the various groups that contributed to alleviate the state's severe shortage of farm labor. <http://oregondigital.org/bracero/>

Extent: 103

URL: <http://oregondigital.org/digcol/bracero/>

Building Oregon: Architecture of Oregon and the Pacific Northwest

Scope: This collection provides over 15,000 images and documentation about the architectural heritage of the Pacific Northwest with special emphasis on Oregon's built environment.

Extent: 21250

URL: <http://oregondigital.org/digcol/archpnw/>

Chinese Disinterment Documents

Scope:

Extent: 83

URL: <http://scarc.library.oregonstate.edu/omeka/collections/show/41>

Fairbanks Gallery Fine Art Prints Collection

Scope: Selections From the OSU Department of Art Fine Arts Print Collection.
Extent: 471
URL: <http://oregondigital.org/digcol/fairbanks/>

Fighters on the Farm Front

Scope:
Extent: 102
URL: <http://scarc.library.oregonstate.edu/omeka/collections/show/31>

Gifford Photographic Collection

Scope: Consisting primarily of photographs taken by four Gifford Family photographers, this collection documents Oregon landmarks, agriculture and scenic views throughout the state as well as Native Americans, especially of the Columbia Plateau.
Extent: 1237
URL: <http://oregondigital.org/digcol/gifford/>

History of Atomic Energy

Scope: The collection consists primarily of book covers, government documents and assorted illustrations documenting the scientific, political and cultural elements of the atomic age, beginning with the first published account of the discovery of radioactivity in 1896 and spanning the twentieth century.
Extent: 152
URL: <http://scarc.library.oregonstate.edu/omeka/collections/show/6>

Linus Pauling: Awards, Honors, and Medals

Scope: Linus Pauling, an OSU alum, was among the most decorated of American scientists. This digital collection is a record of the medals, citations, diplomas and other recognitions awarded to Pauling. See also Linus Pauling Online (<http://pauling.library.oregonstate.edu/>).
Extent:
URL: <http://osulibrary.oregonstate.edu/specialcollections/coll/pauling/awards/>

Linus Pauling: Awards, Honors, and Medals

Scope:
Extent: 238
URL: <http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fpawards>

Linus Pauling: Day-by-Day

Scope: An unprecedented accounting of Pauling's life from 1930 to 1962, presented in searchable, easy-to-use calendar form. Includes document summaries, scanned images and full-text transcripts. See also Linus Pauling Online (<http://pauling.library.oregonstate.edu/>).
Extent:
URL: <http://osulibrary.oregonstate.edu/specialcollections/coll/pauling/calendar/>

Linus Pauling: International Peace Movement

Scope: Linus and Ava Helen Pauling forcefully spoke out against Cold War militarism, nuclear proliferation and radioactive fallout. For his work as an activist, Linus Pauling received the 1962 Nobel Peace Prize. See also Linus Pauling Online (<http://pauling.library.oregonstate.edu/>).
Extent:
URL: <http://osulibrary.oregonstate.edu/specialcollections/coll/pauling/peace/>

Linus Pauling: It's in the Blood! A Documentary History of Linus Pauling, Hemoglobin and Sickle Cell Anemia

Scope: "It's in the Blood!" explores Linus Pauling's research into how the blood works at the molecular level in addition to other vital discoveries about immunology, sickle-cell anemia, genetics, evolution, and human health. See also Linus Pauling Online (<http://pauling.library.oregonstate.edu/>).

Extent:

URL: <http://osulibrary.oregonstate.edu/specialcollections/coll/pauling/blood/>

Linus Pauling: It's in the Blood! A Documentary History of Linus Pauling, Hemoglobin and Sickle Cell Anemia

Scope:

Extent: 97

URL: <http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fsickle>

Linus Pauling: Nature of the Chemical Bond: A Documentary History

Scope: Linus Pauling & the Nature of the Chemical Bond chronicles Linus Pauling's discoveries and investigations of the chemical bond with a forty-nine page Narrative that tells the story as it happens and other primary materials. See also Linus Pauling Online (<http://pauling.library.oregonstate.edu/>).

Extent:

URL: <http://osulibrary.oregonstate.edu/specialcollections/coll/pauling/bond/>

Linus Pauling: Nature of the Chemical Bond: A Documentary History

Scope:

Extent: 858

URL: <http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fchembond>

Linus Pauling: Scientific War Work

Scope: A groundbreaking look at Pauling's scientific war research during World War II - a collection of projects that included artificial blood, invisible inks, and a device to measure oxygen levels in airplanes and submarines. See also Linus Pauling Online (<http://pauling.library.oregonstate.edu/>).

Extent:

URL: <http://osulibrary.oregonstate.edu/specialcollections/coll/pauling/war/>

Linus Pauling: The Race for DNA

Scope: Utilizing over 800 scanned documents, photographs, audio clips and video excerpts, this website narrates the breathless details of the pursuit of the discovery of the double helix structure of DNA. See also Linus Pauling Online (<http://pauling.library.oregonstate.edu/>).

Extent:

URL: <http://osulibrary.oregonstate.edu/specialcollections/coll/pauling/dna/index.html>

Linus Pauling: The Race for DNA

Scope:

Extent: 179

URL: <http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fdna>

Middle East Water Collection

Scope: 9000 items on the subjects of politics and water in the Middle East. Items not digitized; located at Oregon State University Valley Library.

Extent: 10228

URL: <http://oregondigital.org/digcol/mewaters/>

One Hundred Years of OSU Extension

Scope:

Extent: 157

URL: <http://scarc.library.oregonstate.edu/omeka/collections/show/36>

Oregon Explorer

Scope: Information to help local citizens and policymakers make better decisions about Oregon's natural resources. Map-based data exploration.

Extent:

URL: <http://www.oregonexplorer.info/>

Oregon Explorer

Scope:

Extent: 330

URL: http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Foe_explorer

Oregon Institute of Marine Biology Slides & Photographs

Scope: The collection contains a variety of images of marine and terrestrial organisms including vascular plants, diatoms, invertebrates, birds, mammals and fishes. Also included are images of land and water use, OIMB history and research.

Extent: 7192

URL: <http://oregondigital.org/digcol/oimb>

Oregon Maps

Scope: Collaborative collection with Oregon State University Libraries and University of Oregon Libraries highlighting maps of Oregon.

Extent: 199

URL: <http://oregondigital.org/digcol/ormaps/>

Oregon Multicultural Archives Digital Collection

Scope: The Oregon Multicultural Archives Digital Collection consists of images that document the lives and activities of ethnic minorities in Oregon.

Extent: 747

URL: <http://oregondigital.org/digcol/cultural/>

Oregon State Baseball

Scope: Photographs, video, ephemera, essays and statistics documenting more than 100 years of OSU baseball players, coaches, and teams.

Extent: 1634

URL: <http://oregondigital.org/cdm4/browse.php?CISOROOT=/baseball>

OSU Archives

Scope: The “Best of the OSU Archives” is a digital collection consisting of frequently requested items as well as others that are not so well known. The collection is representative of the breadth and depth of the University Archives’ photographic holdings, which consist of 275,000 images in more than 240 distinct photographic collections.

Extent: 5141

URL: <http://oregondigital.org/digcol/archives/>

OSU Chronological History

Scope:

Extent: 203

URL: <http://scarc.library.oregonstate.edu/omeka/collections/show/61>

OSU Extension Service Oral History Collection

Scope: Interviews with emeritus OSU Extension Service faculty who tell the story of extension in Oregon during the 50 years after World War II, including agriculture, 4-H, home economics, community development, Sea Grant and energy. This collection was created as part of the Extension 100 (centennial) anniversary in 2011.

Extent:

URL: <http://osulibrary.oregonstate.edu/digitalcollections/extensionoralhistory/index.html>

OSU Extension Service Oral History Collection

Scope:

Extent: 30

URL: <http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fextension>

OSU Herbarium Type Specimens

Scope: The OSU Herbarium has digitized the original descriptions (known as protogues) and pressed specimens of 750 Oregon plant taxa represented in their type collection.

Extent: 1968

URL: <http://oregondigital.org/digcol/herbarium/>

Pacific Northwest Stream Survey

Scope: This collection comprises 1000+ photographs taken between 1934 and 1945 by the U.S. Department of Commerce Bureau of Fisheries. The researchers who took these photos inventoried Spring Chinook Salmon spawning and rearing habitat in 390 Columbia River Basin streams.

Extent: 1184

URL: <http://oregondigital.org/cdm4/browse.php?CISOROOT=/streamsurve>

Rising Flood Waters: 1964 Corvallis

Scope: The “1964 Corvallis Flood” features 59 oblique photographs flown by Western Ways, Inc. on Dec. 23, 1964. These images were taken when the Willamette River stood at 23' and document the extensive flooding in Corvallis area.

Extent: 59

URL: <http://oregondigital.org/digcol/corflood64/>

Scanned Maps

Scope:

Extent: 82

URL: <http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fmismaps>

ScholarsArchive@OSU

Scope: ScholarsArchive@OSU is Oregon State University's digital service for gathering, indexing, making available and storing the scholarly work of the Oregon State University community. It also includes materials from outside the institution in support of the university's land, sun, sea and space grant missions and other research interests.

Extent: 41034

URL: <http://ir.library.oregonstate.edu>

The Gerald W. Williams Collection

Scope: The collected historic photographs, personal papers, and research library of Gerald “Jerry” Williams, former national historian for the U.S. Forest Service.

Extent: 1977

URL: <http://oregondigital.org/digcol/gwilliams/>

The McDonald Collection

Scope: This collection contains historically significant artifacts, incunabula, rare books and fine bindings collected and donated by Mary McDonald and through the McDonald Endowment.

Extent: 110

URL: <http://scarc.library.oregonstate.edu/omeka/collections/show/11>

The Roger Hayward Papers

Scope: Content from the Roger Hayward Papers

Extent: 432

URL: <http://scarc.library.oregonstate.edu/omeka/collections/show/16>

The Seed & Nursery Catalogue in Europe & the U.S., a Short History

Scope: This exhibit offers a look at the history of seed and nursery catalogues in Europe and the United States, exploring items from the "Nursery and Seed Trade Catalogues collection" (<http://osulibrary.oregonstate.edu/specialcollections/coll/seed/index.html>), held in Special Collections, Oregon State University Libraries.

Extent: 182

URL: <http://osulibrary.oregonstate.edu/specialcollections/omeka/exhibits/show/seed>

The Water Conflict and Cooperation Bibliography

Scope: Interest in the issue of water conflict and cooperation is increasing around the world. In order to provide access to the current literature on the topic in a searchable format, the Transboundary Freshwater Dispute Database has developed this Water Conflict and Cooperation Bibliography.

Extent:

URL: <http://osulibrary.oregonstate.edu/digitalcollections/tfdd/>

The Water Conflict and Cooperation Bibliography

Scope:

Extent: 2123

URL: <http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Ftfdd>

Waldo Hall History

Scope:

Extent: 281

URL: <http://scarc.library.oregonstate.edu/omeka/collections/show/51>

PACIFIC UNIVERSITY

Asian Art at Pacific University

Scope: The collection contains representations of Asian artwork found in Pacific University Permanent Art Collection and Museum collections. The collection focuses on several Chinese paintings in the form of hand scroll and hanging scrolls.

Extent: 5

URL: <http://cdm15925.contentdm.oclc.org/cdm/landingpage/collection/p15925coll2>

Primary Theme: Arts

CommonKnowledge

Scope: CommonKnowledge is the home of the collected scholarship and creative works of Pacific University faculty, staff and students - and of their collaborators from around the world. These open collections, organized and made accessible by the Pacific University Libraries, demonstrate Pacific's commitment to the idea that shared information and academic collaboration are essential to the "progress of knowledge" in our global community. CommonKnowledge also supports excellence among all members of our University community through our collections of open educational resources for faculty, students and staff.

Extent: 5073

URL: <http://commons.pacificu.edu>

Cyrus Walker Papers

Scope: Cyrus Walker was the oldest son of the early Oregon Territory missionaries Elkanah and Mary Richardson Walker. He grew up at Tshimakain in the 1830s-40s, where he learned the native Spokane language. After joining the U.S. army during the Civil War and then attempting to make a living as a farmer, he worked for many years at Warm Springs Indian Agency. In his last years, he became deeply involved in memorializing Oregon's early pioneer history. These letters, documents and clippings shed light on his experiences, with rich descriptions of life at Warm Springs in the 1880s-1890s. This collection was donated to Pacific University by Betty Thorn, a descendant of the Walkers

Extent: 313
URL: <http://exhibits.lib.pacificu.edu/exhibits/show/walker>
Primary Theme: People

Lyman Family Letters

Scope: The Lymans were a family of early Oregon settlers who were active as missionaries, teachers and writers. Several of their family members were teachers or students at Pacific University in Forest Grove. This online exhibits includes letters between the Lyman family and their friends between the years of 1846 to 1883. The transcriptions are courtesy of current history majors at Pacific.

Extent: 285
URL: <http://exhibits.lib.pacificu.edu/exhibits/show/lyman-papers-test>
Primary Theme: People

Ocular Disease Collection

Scope: Since the late 1980s, Pacific University has been building an extensive collection of retinal and corneal photographs used to study ocular disease. This collection contains images of ocular diseases that correspond to International Statistical Classification of Diseases and Related Health Problems (ICD) codes.

Extent: 338
URL: <http://cdm15925.contentdm.oclc.org/cdm/landingpage/collection/p15925coll4>
Primary Theme: Science, Medicine, & Technology

Politics of the AIDS and Gay & Lesbian Movements

Scope: This exhibit displays material from the Pacific University Archives related to the AIDS epidemic and Gay and Lesbian politics from the 1970s-1990s. The fliers, newsletters, book covers and other items show how various communities -- both pro- and anti- -- reacted to these emerging political issues.

Extent: 28
URL: <http://exhibits.lib.pacificu.edu/exhibits/show/aids-gay-lesbian>
Primary Theme: Government, Law, & Politics

Victor Atiyeh Collection

Scope: Victor Atiyeh served as Oregon's 32nd governor from 1979-1987. Serving at a time when budget crises were at the forefront, he took a challenging situation and created his legacy: a more efficient government and a more diversified Oregon economy. His governorship, his public service, and his private life tell of a second-generation immigrant success story, of a native Oregonian devoted to his home state, and of a leader who led in trying times, emerging widely admired. This exhibit provides an overview of Atiyeh's life and a sampling of the rich documentary history within the Victor Atiyeh Papers at the Pacific University Archives. The complete collection includes more than fifty boxes of letters, photographs, documents and memorabilia. A guide to the complete archive is also available.

Extent: 570
URL: <http://exhibits.lib.pacificu.edu/exhibits/show/atiyeh>
Funding Source: LSTA
Primary Theme: People

Washington County Heritage Online

Scope: Located in Forest Grove, Oregon, the Pacific University Archives contain records of the University, papers of its alumni and faculty, photographs and other material related to the Pacific community since its founding in 1848. It supports the educational mission of the University and is open to researchers.

Extent: 4118
URL: <http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll2>
Funding Source: LSTA
Primary Theme: Institutions

PORTLAND STATE UNIVERSITY

Finding Aids: Special Collections & University Archives

Scope: Finding aids are guides that help researchers understand the contents of an archival collection, its background or provenance, and how it is organized. At Portland State University Library, our finding aids range from brief descriptions to detailed inventories. Our goal is to make core information for a collection available as soon as possible. As opportunity allows, our finding aids will be expanded to best serve our researchers. If you need more information on any of our listed collections, please do not hesitate to contact us.

Extent: 52

URL: <https://archives.pdx.edu/archon/?p=collections/collections>

Oregon Encyclopedia

Scope: The Oregon Encyclopedia, a partnership of Portland State University, the Oregon Council of Teachers of English, and the Oregon Historical Society, and a project of the Oregon Sesquicentennial Celebration, is a comprehensive and authoritative compendium of information about Oregon's history and culture.

Extent: 1042

URL: <http://www.oregonencyclopedia.org/>

Funding Source: LSTA, OHC, OCT

Oregon Sustainable Community Digital Library

Scope: The Oregon Sustainable Community Digital Library provides a central online repository for the collection, accession, and dissemination of key urban planning documents on the Portland Metropolitan area. Literature, planning reports, digital images, maps, RLIS (Regional Land Information System) geographical data, and more from Portland State University, Metro, TriMet, and other municipal and non-profit agencies are being collected and added to the database. The Oregon Historical Society contributed standards and specifications for the management and design of this project.

Extent: 2267

URL: <http://oscdl.research.pdx.edu/>

PDXScholar

Scope: Portland State University's Digital Repository, PDXScholar, is a system that brings together and preserves the University's research, unique resources, and other scholarly output, with the goal to provide persistent, open access to that work

Extent: 3234

URL: <http://dr.archives.pdx.edu/xmlui/>

University Archives Digital Gallery

Scope: The Digital Gallery features images from the University Archives photograph collection documenting Portland State's rich history. The image collections, highlighting campus buildings and events, student life, and portraits of faculty and staff, can be searched and browsed by dates and keywords. Users can assemble their own collections from the Gallery, email stable URLs, and download JPGs for research or educational use.

Extent: 8027

URL: <https://archives.pdx.edu/digitalgallery/pages/home.php>

SOUTHERN OREGON UNIVERSITY

Dean & Mary Collins Collection

Scope: Photographs of 100 representative artifacts from the Collins collection of Native American artifacts, donated to SOU by Mary Collins, provide information into the material culture of many Native nations, primarily of the Southwest.

Extent: 98

URL: <http://digital.hanlib.sou.edu/cdm/landingpage/collection/p16085coll3>

eScholarship@SOU

Scope: Scholarship@SOU collects, preserves, and distributes, in digital format, the scholarly accomplishments of the university.

Extent: 173

URL: <http://140.211.95.2:8080/aweb/main.jsp?ittype=bscs>

Geometry in our World

Scope: Examples of symmetry found in natural settings as well as in natural and man-made objects, the collection was originally produced as a slide collection by John Engelhardt, SOU Emeritus Professor Mathematics.

Extent: 348

URL: <http://digital.hanlib.sou.edu/cdm/landingpage/collection/p16085coll1>

Historic Southern Oregon University

Scope: Photographs from the Southern Oregon University Archives reflect the evolution of SOU from its humble beginning as a normal school into a robust contemporary liberal arts university.

Extent: 307

URL: <http://digital.hanlib.sou.edu/cdm/landingpage/collection/p15013coll6>

Kalmiopsis Wilderness

Scope: Includes photographs of the Kalmiopsis Wilderness area and environs taken during retired ranger Rene Casteran's career (1986-2008) as a wilderness ranger on the Siskiyou National Forest (later Rogue River-Siskiyou National Forest) in Oregon and California. Added to Rene Casteran's photographs are others contributed by the United States Forest Service and other photographers covering a broader range of years, or showing Rene Casteran at work as a wilderness ranger. Many of the photographs appeared in the book Kalmiopsis Wilderness -- taking away only memories (2010), which may be accessed online through the Southern Oregon Digital Archives Bioregion Collection at: <http://soda.sou.edu/Data/Library1/Bioregion/110707a1.pdf>

Extent: 417

URL: <http://digital.hanlib.sou.edu/cdm/landingpage/collection/p16085coll7>

Oregon Shakespeare Festival

Scope: Pictures from the archives of the Oregon Shakespeare Festival include production stills, sets of Shakespearean and other plays, backstage teams, and theaters from OSF's beginnings in 1935 through 2009.

Extent: 319

URL: <http://digital.hanlib.sou.edu/cdm/landingpage/collection/p15013coll3>

Pear Packing - A Season of Women's Work

Scope: Pear Packing: A Season of Women's Work, from the Susan J. Reid Collection in Special Collections, consists of historic photographs of pear packing in Southern Oregon, and poems Reid authored about area women who provided labor for seasonal pear packing. The collection was assembled by Reid to accompany her 1988 SOU graduate thesis of the same title.

Extent: 25

URL: <http://digital.hanlib.sou.edu/cdm/landingpage/collection/p16085coll4>

Peter Britt Photographs

Scope: This selection of photographs by the famous Jacksonville photographer and his son, Emil, depict portraits and landscapes as well as the social, cultural, and economic life of southern Oregon between 1880 and 1930.

Extent: 776

URL: <http://digital.hanlib.sou.edu/cdm/landingpage/collection/p15013coll1>

Rogue River National Forest Historic Images

Scope: Images selected from the Historical Records Collection of Rogue River National Forest trace 100 years of forest history, economy, landscapes, and recreation from its founding as Crater National Forest in 1908.

Extent: 649

URL: <http://digital.hanlib.sou.edu/cdm/landingpage/collection/p15013coll4>

Schuman Musical Instruments

Scope: Images of 100 wind, string, and percussion instruments, from the larger Schuman Collection of Musical Instruments donated by Jack and Dorinda Schuman to SOU, represent musical traditions of the Americas, Europe, Africa, and Asia.

Extent: 101

URL: <http://digital.hanlib.sou.edu/cdm/landingpage/collection/p16085coll2>

SODA: Bioregion Collection

Scope: Over the past 30 years the Southern Oregon University Library has actively collected hundreds of federal and state government publications relating to the Southern Oregon Klamath-Siskiyou bioregion. Along with those publications we receive through the U.S. Government Printing Office and the Oregon State Library, we have made special efforts to collect “fugitive” and “gray” documents, those materials not normally distributed through these channels. Many are written by researchers that are not regular staff members of the state or federal government, but who contract with regional government offices to do environmental research. Through contacts with local offices of the U.S. Forest Service, U.S. Bureau of Land Management, U.S. Bureau of Reclamation, National Park Service, Fish and Wildlife, U.S Geological Survey and others we have developed a unique collection of materials relating to this bioregion. In addition, we have selected Oregon state publications from agencies such as the Departments of Energy, Environmental Quality, Forestry, Fish and Wildlife, and Water Resources Board to add to the Bioregion Collection. Primary authors of publications not written by employees of the federal or state governments have been consulted for copyright permission. We have concentrated on digitizing those Federal and State government publications we own which cover Curry, Josephine, Jackson or Klamath Counties and also materials covering the area immediately south of the California border. You can find volumes on Crater Lake; the Rogue and Klamath Rivers; Winema, Siskiyou, Klamath and Rogue River National Forests; watershed assessments from many of the local watershed councils, and much other research from a variety of local, federal and state agencies. We have taken newer documents from the websites of these agencies with the goal of permanently preserving what can be very ephemeral material.

Extent: 2192

URL: <http://soda.sou.edu:8080/soda/search/index.html?awcollection=Bioregion#link/search/new>

SODA: First Nations Collection

Scope: The First Nations Tribal Collection of the Southern Oregon Digital Archives consists of documents, books, and articles relating to the indigenous peoples of this bioregion. We have begun to collect and mount materials about many tribes in southwestern Oregon and northern California. Some of these nations include the Coos, Hupa, Karuk, Klamath, Modoc, Takelma, Shasta, Siuslaw, Cow Creek Band of Umpqua, Yahooskin, and Yurok nations. In the future, we hope to expand the collection by continuing to add materials on these and other tribes whose homelands were in, or adjacent to, the Siskiyou-Cascade-Klamath bioregion. In creating the First Nations Collection of tribal materials, Southern Oregon University Library has attempted to bring together a comprehensive body of documents dealing with the inhabitants of this bioregion. The purpose of the collection is to provide an educational resource about the First Nations who were the caretakers of this unique region. Indeed, the story of these nations is inextricably interwoven with the environment and land of Southern Oregon. In our efforts we have consulted with tribes and tribal representatives to determine scope and appropriateness of material. This is a work-in-progress, and in collaboration with tribes, we hope to create a comprehensive database of texts on the history and culture of the indigenous peoples of this region.

Extent: 544

URL: <http://soda.sou.edu:8080/soda/search/index.html?awcollection=Tribal#link/search/new>

SODA: Southern Oregon History Collection

Scope: The Southern Oregon History Collection brings together books, maps, government documents, oral histories, correspondence and miscellaneous materials that document the unique historical experience of Southern Oregon. Most materials focus on historic era settlement or economic development in Coos, Curry, Douglas, Jackson, and Josephine Counties. Agriculture, mining, forestry, commerce, education, government, and politics, religious organizations, and social life of the region are among the aspects represented. Local booster organizations published colorful promotional booklets that encouraged settlement from the 1890's to around 1915, several of which are included. Complete early histories of Oregon have been digitized and added to show the place of Southern Oregon in the broader context at the time these works were written. Several early biographical reference works for the region are included. While the collection is not primarily genealogical, family name searches may find biographical accounts or mentions in books or oral histories of people who lived in Southern Oregon from the 1840's to the mid-1900's. Most materials digitized for this online collection are in the public domain, although copyright permissions have been obtained for any copyrighted materials included.

Extent: 864

URL: <http://soda.sou.edu:8080/soda/search/index.html?awcollection=History#link/search/new>

Funding Source: LSTA

Wine of Southern Oregon

Scope: This growing collection contains wine bottle labels, photographs, and miscellanea contributed by participating area vineyards, wineries, and individuals connected to Southern Oregon's wine industry. These materials document the important history of grape growing and wine production in the Rogue Valley American Viticultural Area (AVA), including the Bear Creek Valley, Applegate Valley, and Illinois Valley.

Extent: 35

URL: <http://digital.hanlib.sou.edu/cdm/landingpage/collection/p16085coll8>

UNIVERSITY OF OREGON

African Political Ephemera and Realia

Scope: Collaboration with the African Studies Program to provide images of ephemera and realia related to modern politics in Africa.

Extent: 66

URL: <http://oregondigital.org/digcol/afpep/>

Artists' Books at the University of Oregon Libraries

Scope: The collection at the Architecture and Allied Arts Library, which is supported and extended by artists' books in Knight Library's Special Collections, spans the history of these works of art in book form from 1957 to books by artists today with special emphasis on artists working in the Pacific Northwest. The collection is represented here with images and data describing binding style, structure type, technique, literary style and materials.

Extent: 643

URL: <http://oregondigital.org/digcol/bookarts/>

Chaim Perelman Archives

Scope:

Extent: 4

URL: <http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fperelman>

Dissociation & Trauma Archives

Scope: Full text searchable articles and case studies relating to Dissociation & Trauma published in the 1800s and early 1900s.

Extent: 53

URL: <http://oregondigital.org/digcol/diss/>

Doris Ulmann Photographs

Scope: Ulmann's photographs represent important primary source material for historical and ethnographic studies of Appalachian and Gullah culture as well the subject of folk arts and craft traditions.

Extent: 1782

URL: <http://oregondigital.org/digcol/ulmann/>

e-Asia Digital Library

Scope: A library of digital books, documents, texts, articles, maps, images, and audio from China, Japan, Korea, Taiwan, and more.

Extent:

URL: <http://e-asia.uoregon.edu/>

Historic Oregon Newspapers

Scope: Selections of historic Oregon newspapers digitized as part of the Oregon Digital Newspaper Program. This site provides access to titles from around the state from 1846-1923.

Extent:

URL: <http://oregonnews.uoregon.edu>

Historic Sheet Music

Scope: Selections from UO's historic sheet music collections currently emphasizing Oregon Music and Women Composers.

Extent: 1060

URL: <http://oregondigital.org/digcol/sheetmusic/>

Historical Photographs

Scope: Selections from over 16 photograph collections from Special Collections & University Archives photograph collections ranging from the 19th century to current times

Extent: 1580

URL: <http://oregondigital.org/digcol/gh/>

Japanese American Student Relocation

Scope: Records from the Office of the Dean of Personnel Administration, which assisted in relocating UO Japanese American students during WWII. The collection includes correspondence, newsletters, speeches, minutes of meetings, and ephemera.

Extent: 28

URL: <http://oregondigital.org/digcol/jasr/>

Lesbian Intentional Communities: Ruth Mountaingrove Photographs

Scope: Collection of photographs by Ruth Mountaingrove from intentional community of women in southern Oregon.

Extent: 918

URL: <http://oregondigital.org/digcol/comm/>

Lowenstam Collection of Ancient Western Art and Archaeology

Scope: The 35mm slide collection of University of Oregon Classics professor Steven Lowenstam (1945-2003) was compiled over a lifetime of scholarship and inquiry into the visual culture of the Classical world. It is composed primarily of ceramics in European and American museums, architecture and archaeological sites across southern Europe. The collection contains diverse views and details, many of which are unusual or not easily obtained.

Extent: 14872

URL: <http://oregondigital.org/digcol/lowenstam/>

Manuscripts and Rare Books

Scope:

Extent: 3

URL: <http://oregondigital.org/cdm4/browse.php?CISOROOT=%2FManuscripts>

Mongolian Altai Inventory Image Collection

Scope: The image collection presents approximately 1,500 images supporting the Archaeology and Landscape in the Altai Mountains of Mongolia (<http://img.uoregon.edu/mongolian/>) website.

Extent: 2827

URL: <http://oregondigital.org/digcol/maic/>

Northwest Folklife Digital Collection

Scope: Collection includes materials relating to folklife in the Pacific Northwest drawn from collections in the Randall V. Mills Archives of Northwest Folklife, the UO Folklore Program's repository of multi-format, ethnographic collections documenting the customary beliefs, social practices, and material traits of cultural, religious, occupational, and ethnic groups throughout Oregon and the Northwest.

Extent: 6242

URL: <http://oregondigital.org/digcol/folklore/>

Oregon Daily Emerald Archives

Scope: Archives of issues of the student newspaper, Oregon Daily Emerald, from Sept. 2005-. Current issues are available within a few days.

Extent: 1346

URL: <http://oregondigital.org/digcol/digcol/ode/>

Oregon Latino Heritage

Scope: The Oregon Latino Heritage digital collection showcases materials Latino heritage collections from University of Oregon Special Collections & University Archives. The foundation of the collection is from student collected and created materials as part of the Latino Roots courses (<http://latinoroots.uoregon.edu/our-course/>) taught by Professors Lynn Stephen and Gabriela Martinez.

Extent: 134

URL: <http://oregondigital.org/digcol/latinoherit/>

Oregon Maps

Scope: Collaborative collection with Oregon State University Libraries and University of Oregon Libraries highlighting maps of Oregon.

Extent: 199

URL: <http://oregondigital.org/digcol/ormaps/>

Percent for Art

Scope: Images of artwork, visual narratives of the creative process, and documentation created as part of Oregon's Percent for Art program.

Extent: 3491

URL: <http://oregondigital.org/digcol/oac/>

Petrarch

Scope:

Extent: 8

URL: <http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fpetrarch>

Picturing the Cayuse, Walla Walla & Umatilla Tribes

Scope: From 1888 to 1916 Major Lee Moorhouse produced over 9,000 images which document urban, rural, and Native American life in the Columbia Basin, and particularly Umatilla County, Oregon.

Extent: 315

URL: <http://oregondigital.org/digcol/mh/>

ScholarsBank

Scope: Scholars' Bank is the open access repository for the intellectual work of faculty, students and staff at the University of Oregon. Open access journals, student projects, theses, dissertations, pre and post-print articles, instructional resources and university archival material are all candidates for deposit.

Extent: 11146

URL: <https://scholarsbank.uoregon.edu/xmlui/>

Tribal Legacies

Scope: This collection presents a first step in providing extended access to materials pertaining to Native American ethnography and history in the University of Oregon Libraries. The digital collection brings together information from UO Libraries' documents, maps, photographs, and manuscript collections. Focusing on the Pacific Northwest, the collections feature archival materials that contain either brief references to indigenous people or are completely dedicated to their coverage.

Extent: 145

URL: <http://oregondigital.org/digcol/tlegacies/>

UO Archives Photographs

Scope: The UO Archives Photographs contains selections of modern and vintage photographic prints related to the University of Oregon. The photographs depict a variety of buildings, historic scenes, events, students, faculty and staff, and scenes of campus life.

Extent: 1144

URL: <http://oregondigital.org/digcol/univ/>

UO Athletics

Scope: The purpose of this project is to use the historical archives of the University: documents, photographs, physical objects, and audiovisual materials – to tell the story of athletics at the University of Oregon. View exhibit site: Leadership and Legacy (<http://sportshistory.uoregon.edu>).

Extent: 5773

URL: <http://oregondigital.org/digcol/athletics/>

UO Channel

Scope: Streaming video and audio of lectures and talks on the UO campus.

Extent:

URL: <http://media.uoregon.edu/channel/>

UO Office of the President

Scope: Selected documents from the Office of the President records and their personal papers.

Extent: 617

URL: <http://oregondigital.org/digcol/uopres/>

UO Stock Photos

Scope: Online resource of stock photographic images of the people, places, and happenings of the University of Oregon.

Extent: 2003

URL: <http://oregondigital.org/digcol/uostock/>

UO Veterans

Scope:

Extent: 28

URL: <http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fuovets>

Western Waters Digital Library: Columbia River Basin

Scope: Collection of historical and contemporary resources focused on the Columbia River Basin. Part of the collaborative larger Western Waters (<http://www.westernwater.org/>) project.

Extent: 254

URL: <http://oregondigital.org/digcol/wwdl/>

UNIVERSITY OF PORTLAND

Art in the Clark Library

Scope: The Clark Library at the University of Portland holds a permanent collection of artworks displayed for viewing by the University Community and public visitors. In addition to its aesthetic importance, the Library's art collection supports multidisciplinary studies in the Humanities. Most of the Library's art collection has come to the University of Portland through the generous support of University friends and donors. The University takes care to preserve and maintain the artworks and has been assisted in that endeavor through a grant from the Institute of Museum and Library Services.

Extent: 5

URL: <http://up.contentdm.oclc.org/cdm/landingpage/collection/p16472coll2>

Campus Aerial Views and Maps

Scope: Aerial images and maps of campus from 1914 to 2010 offer a visual history of the University of Portland and highlight the overall development of campus through the years.

Extent: 44

URL: <http://up.contentdm.oclc.org/cdm/landingpage/collection/p15458coll2>

The Art of Deception - Theatrical Makeup

Scope: A major element of theatre production is the visual presentation of the characters envisioned. In a series of videos, University of Portland Performing and Fine Arts faculty member Jill Hoddick presents the basics on applying theatrical makeup and techniques for specific scenarios and character types.

Extent: 5

URL: <http://up.contentdm.oclc.org/cdm/landingpage/collection/p15458coll5>

University Presidents

Scope: Selected photographs and images of artifacts sketch the history of the University of Portland and illustrate the work of the men who have served as University President.

Extent: 151

URL: <http://up.contentdm.oclc.org/cdm/landingpage/collection/p15458coll1>

UNIVERSITY OF SOUTHERN CALIFORNIA LIBRARIES

Digital Public Library of America

Scope: USC has provided content including the California Historical Society Collection, 1860-1960, to DPLA.

Extent: 538

URL:

<http://dp.la/search?partner%5B%5D=University+of+Southern+California.+Libraries&q=%E0%9C%93>

UNIVERSITY OF WASHINGTON

American Indians of the Pacific Northwest Collection

Scope: This site provides an extensive digital collection of original photographs and documents about the Northwest Coast and Plateau Indian cultures, complemented by essays written by anthropologists, historians, and teachers about both particular tribes and cross-cultural topics. These cultures have

occupied, and in some cases still live in parts of Alaska, British Columbia, Washington, Oregon, Idaho, and Montana. Maps are available that show traditional territories or reservation boundaries.

Extent: 3888

URL: <http://content.lib.washington.edu/aipnw/index.html>

WASHINGTON STATE UNIVERSITY VANCOUVER

Columbia River Basin Ethnic History Project: Oregon Historical Society Ethnic History Collection

Scope: Welcome to the Columbia River Basin Ethnic History Archive (CRBEHA), a project of Washington State University Vancouver, the Idaho State Historical Society, Oregon Historical Society, Washington State Historical Society, and Washington State University Pullman. Funded by a grant from the Institute for Museum and Library Services (2002-2004), the collaborative project sought to create a database with thematic coherence that would engage online researchers in thinking more deeply about the significance of the rich primary resources available in museums, libraries, and historical societies. We also hoped the project would serve as a model for other institutions that wanted to share collections and stimulate public interest in and use of those collections.

Extent: 582

URL: <http://archive.vancouver.wsu.edu/crbeha/home.htm>

WESTERN OREGON UNIVERSITY

Robert W. Straub Oregon Beaches Collection

Scope: This digital collection contains a selection of documents, photographs, and video recordings related to Oregon's beaches from 1965-1979. Special areas of interest include the fight over the Nestucca sand spit, ballot petitions for keeping Oregon's beaches publicly accessible, his work with the non-profit organization Beaches Forever, Inc., and materials related to Robert F. Kennedy's visit to the Oregon coast before the Oregon Democratic Primary in 1968.

Extent: 56

URL: <http://digitalcommons.wou.edu/straub/>

Funding Source: LSTA

Cooperative Governor's Papers Portal

Scope: In 2011, three Oregon university libraries (Western Oregon University, Portland State University, and Willamette University) received a Library Services and Technology (LSTA) planning grant from the Institute of Museum and Library Services (IMLS). The proposed Cooperative Governors' Papers Project sought to "cooperatively identify, solicit for donation, process, and preserve the non-official and personal papers of the 13 Oregon governors since World War II." In 2012, those same Oregon universities, along with Pacific University, received another LSTA grant to begin implementation of the project, with the goal of processing the personal papers collections of three former Oregon governors and making finding aids and other access points available online.

Extent:

URL: <http://www.wou.edu/provost/library/archives/oregongovernors/>

Funding Source: LSTA

Digital Commons

Scope: Welcome to the Digital Commons @ WOU. This institutional repository is managed by Hamersly Library. We provide open access to published and unpublished scholarly and creative works, research, publications, and reports contributed by WOU faculty, staff, students, and others. The repository includes digital materials from University Archives and campus departments. Digital Commons @ WOU promotes the collaboration, ongoing development, and discovery of knowledge. Members of the WOU community are invited to share materials for long-term preservation and worldwide accessibility.

Extent: 706

URL: <http://digitalcommons.wou.edu/>

WILLAMETTE UNIVERSITY

Academic Commons

Scope: The Academic Commons is home to digital materials related to the academic life, history and mission of Willamette University. By offering a reliable and permanent way for digital publications and data to be found, accessed and cited, the Academic Commons enhances the value of faculty and student research and university publications.

Extent: 3741

URL: <http://libmedia.willamette.edu/collections/collections.php>

Congressional and Political Papers

Scope: Papers, photographs, memorabilia and audiovisual materials of elected individuals representing Oregon at the state and national level with topics of local and regional interest such as: conservation and environmental issues; women's rights; and trade issues.

Extent: 0

URL: <http://library.willamette.edu/archives/collections/congress/>

Pacific Northwest Artists Archive

Scope: A collaborative project of the Willamette University Archives and the Hallie Ford Museum of Art, the Pacific Northwest Artists Archive is a collection of materials related to the careers of artists who are or were active in Oregon and Washington for the major portion of their careers. Developed as a complement to the permanent collection of the Hallie Ford Museum and housed at Willamette University's Hatfield Library, the Archive contains artists' correspondence and writings, exhibition catalogues and brochures, press clippings, photographs, slides of artworks, business files, and other materials related to the life work of particular artists.

Extent: 352

URL: <http://library.willamette.edu/archives/collections/pnaa/>

Special Collections

Scope: Manuscript collections, diaries, and the correspondence with a focus on individuals involved in regional missionary work, settling Salem, and developing Willamette University.

Extent: 2181

URL: <http://library.willamette.edu/archives/collections/special/>

University Archives and Records

Scope: Publications, images, administrative records, research materials, and scrapbooks dating from Willamette's beginnings. Also available are materials relating to Freshman Glee, one of Willamette's longest running – and most beloved – traditions.

Extent: 2564

URL: <http://library.willamette.edu/archives/collections/university/>

PUBLIC LIBRARIES

ALBANY PUBLIC LIBRARY

Contentdm Title

Scope: Includes newspapers, some photos, and other materials related to library history in a CONTENTdm trial collection.

Extent: 227

URL: <http://cdm16440.contentdm.oclc.org>

BAKER COUNTY LIBRARY

Historic Photographs

Scope: Gallery #1--BAKER CITY--2,028 photographs.
Gallery #2--SMALL TOWNS & GHOST TOWNS--959 photographs.
Gallery #3--MINES--1,084 photographs.
Gallery #4--391 total photographs: TRANSPORTATION (309) & FOREST INDUSTRY (54)
Gallery #5--1,807 total photographs: PEOPLE (1135), SCHOOLS (430), ORGANIZATIONS (150), and CHURCHES (76)
Gallery #6--847 Total photographs: SCENIC (396), AGRICULTURE (210), MILITARY (110), FIRE DEPARTMENT (92), SPORTS (28), MUSIC (11)

Extent: 7116

URL: <http://173.201.75.33/webphoto/>

CEDAR MILL COMMUNITY LIBRARY

Washington County Heritage Online

Scope: Cedar Mill Community Library opened in 1976. It has since grown to become one of the top ten libraries in Oregon in terms of attendance and circulation.

Extent: 51

URL: <http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll4>

Funding Source: LSTA

CORNELIUS PUBLIC LIBRARY

Washington County Heritage Online

Scope: Founded in 1912, the Cornelius Public Library offers historic documents and photographs from the city's administrative, library, fire and police departments.

Extent: 144

URL: <http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll9>

Funding Source: LSTA

CORVALLIS-BENTON COUNTY PUBLIC LIBRARY

Corvallis Gazette-Times index 7-1-1969 through 11-30-1999

Scope: Local history content includes digitized copies of Corvallis Magazine with index, an index to the Corvallie Gazette-Times newspaper (separate full and obituary indexes), and links to other local history content held by outside institutions.

Extent: 2

URL: <http://corvallis.libguides.com/gtindex>

ECHO PUBLIC LIBRARY

Echo Historical photos

Scope: Here you'll find an archived collection of historical photos and media of Echo.

Extent: 12

URL: <http://echo-oregon.com/gallery-historical.html>

History of Echo

Scope: Echo is known for its rich history and many historic sites. The Oregon Trail passes through Echo. Emigrants crossed the Umatilla River and camped at a site called the Lower Crossing. Sometimes the emigrants would camp here for a few days to refresh their animals, do laundry or trade before starting across the dry, dusty desert to the west. This campsite is now the site of the Fort Henrietta Park, a National Historic Oregon Trail site. Exhibits at the park include a covered wagon display, interpretive panels with historic information on the trail and town history, Oregon Trails signs, antique fire equipment and RV Park and campground.

Extent: 8

URL: <http://echo-oregon.com/index-2.html>

FOREST GROVE CITY LIBRARY

Washington County Heritage Online

Scope: Forest Grove City Library, first established in 1908, documents the historic and architectural heritage of the city in its Stewart History Room.

Extent: 89

URL: <http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll6>

Funding Source: LSTA

HARNEY COUNTY LIBRARY

Claire McGill Luce Western History Room

Scope: Claire McGill Luce Western History Room houses a variety of resources available to the public.

Extent: 11

URL: <http://www.harneycountylibrary.org/western-history-room/exhibits/claire-mcgill-luce-western-history-room>

Early Day Homes of Burns, Oregon

Scope: This collection illustrates the variety of architecture styles found throughout Burns, Oregon. Many of these homes were built by the earliest residents and businessmen of the city.

Extent: 33

URL: <http://www.harneycountylibrary.org/western-history-room/exhibits/historic-homes-of-burns-oregon>

Early Day Threshing Operations in Harney County

Scope: Equipment used in early day threshing operations in Harney County is detailed in these photographs from the personal collection of long-time resident Alice Shepard. More information about the threshing operations pictured here is available in the Western History Room.

Extent: 19

URL: <http://www.harneycountylibrary.org/western-history-room/exhibits/early-day-threshing-operations-in-harney-county>

Edward Hines Lumber Mill

Scope: This collection depicts the dismantling of the historic L1 building of the Edward Hines Lumber Mill. Photos by Terry Keim.

Extent: 86

URL: <http://www.harneycountylibrary.org/western-history-room/exhibits/edward-hines-lumber-mill>

Harney County Pioneers

Scope: These images of early day Harney County pioneers are a sampling from the Harney County Pioneer Album. The album, compiled in the 1930's, contains over 200 portraits and group photos of many of the area's earliest families. For more information about these or other photos in the collection, contact the staff of the Western History Room.

Extent: 34

URL: <http://www.harneycountylibrary.org/western-history-room/exhibits/harney-county-pioneers>

Historic Burns, Oregon

Scope: This is a collection of photos depicting the historic buildings of Burns, Oregon. For more information about these photos, or to share information about these photos contact staff at the Western History Room.

Extent: 15

URL: <http://www.harneycountylibrary.org/western-history-room/exhibits/historic-burns-oregon>

Rodeo

Scope: These photos, many by famed rodeo photographer Devere Helfrich, are a sampling from the collection of more than 150 rodeo photographs from the collection of Doug and Cathy Jory. Rodeos featured in this collection include Sisters, Redmond, Prineville, Crawfordsville, Eugene, Portland, Tygh Valley. The majority of the photos were taken during the 1940's. In addition, the Western History Room archives include a collection of Harney County rodeo photographs. For more information about these photos or others in the collection, contact staff at the Western History Room.

Extent: 9

URL: <http://www.harneycountylibrary.org/western-history-room/exhibits/rodeo>

Sagebrush Symphony Orchestra

Scope:

Extent: 8

URL: <http://www.harneycountylibrary.org/western-history-room/exhibits/sagebrush-symphony-orchestra>

Unidentified Photographs from the Collection of Agnes Brown

Scope: These photos were found in an old photo album belonging to Agnes Brown and may be members of the Poujade, Davis or Brown families. If you can identify anyone in these photos, please contact Karen at the Western History Room.

Extent: 7

URL: <http://www.harneycountylibrary.org/western-history-room/exhibits/unidentified-photographs-from-the-collection-of-agnes-brown>

MULTNOMAH COUNTY PUBLIC LIBRARY

Centennial Library Collection

Scope: Central Library, Multnomah County Library's downtown Portland branch, opened to the public in 1913, during the tenure of Head Librarian Mary Frances Isom. Central Library was designed by renowned Portland architect A.E. Doyle. This collection of historic Central Library photographs contains images of the building, staff and patrons over the years. It also includes a few photographs of earlier downtown Portland public libraries. Central Library: Historic Photographs was released to coincide with Central Library's 100th birthday celebration in 2013. Additional photographs will be added throughout the Central Library Centennial celebration, July-September 2013.

Extent: 47

URL: <http://cdm16493.contentdm.oclc.org/cdm/search/collection/p16493coll1/collection/p16493coll1>

SALEM PUBLIC LIBRARY

Ben Maxwell

Scope: The Ben Maxwell Collection consists of more than 5000 photographs donated to the Salem Public Library by the estate of Mr. Ben Maxwell, a noted Salem photographer and historian who died in 1967. Mr. Maxwell was a native of Salem where he was born in 1898. He attended college at Oregon State University where he studied history and journalism. He started working with the Capitol Journal newspaper in 1939. Because he packed his camera on every quest for historical stories, he was able to illustrate his articles for readers of the Capitol Journal, the Oregon Journal, the Oregonian, and several magazines. He recorded on film at least 13 governors, old-timers now gone, covered bridges now missing, and buildings and homes no longer standing. The collection includes copies of rare early Oregon photographs taken by others which have in turn been copied over and over by later researchers and feature story writers. This collection is a work in progress and many additional photographs remain to be scanned.

Extent: 5596

URL: <http://photos.salemhistory.net/cdm/landingpage/collection/max>

Bush Family Historic Photographs

Scope: The Bush Family Historic Photograph Collection includes photographs of early Salem, particularly in and around the family home, the Historic Bush House and the Oregon Coast taken primarily by members of the Asahel Bush family. Asahel Bush, a publisher, banker and political leader, who was raised on the East coast, came west in 1850 and settled in Oregon City. He founded the Oregon Statesman newspaper and moved the paper and himself to Salem in 1853. The Bush family played a major role in the political, business and social history of Salem. He and his wife Eugenia had four children and later in 1877 built the Bush House. More than half of the photographs in this collection were taken by their daughter, Miss Sally Bush, including many portraits and candid photographs of family and friends. The collection also includes a large number of rare panoramic photographs of the region taken by A.N. Bush, the son of Asahel Bush.

Extent: 2203

URL: <http://photos.salemhistory.net/cdm/landingpage/collection/bushhouse>

Funding Source: OHC

Special Collections

Scope: The Special Collections group is a collection of photographs from almost twenty distinct sources and events including local exhibits, documentaries, and private collections, most characterized by specific themes or purposes. These collections contain as few as six to as many as 588 images from individual contributors for a total of almost 1900 photographs. The Koval Collection, the largest collection in this group, consists of 588 photographs of Salem homes taken by photographer Robert Koval in 1978 as part of a CETA grant project to make a photographic record of historic Salem homes. The Koval Collection is owned by the Salem Public Library.

Extent: 2277

URL: <http://photos.salemhistory.net/cdm/landingpage/collection/specialcol>

Statesman Journal

Scope: The Statesman Journal Collection consists of almost 1000 photographs of the Salem and the Willamette Valley areas selected from the files of the Statesman Journal Newspaper, including photographs from predecessor newspapers - the Oregon Statesman and the Statesman Publishing Company. The collection includes photographs of people, places, events, natural disasters, etc, primarily from the late 1930's through the 1980's but also rare photos from the late 1800's and early 1900's. Notable is a series of early 1900's photos of the Statesman Newspaper offices and facilities for the preparation of a newspaper, a series of photos of damage from the infamous 1962 Columbus Day Storm and other natural disasters, and a large number of aerial views of the Salem area from 1949 through 1981.

Extent: 1089

URL: <http://photos.salemhistory.net/cdm/landingpage/collection/sj>

TIGARD PUBLIC LIBRARY

Washington County Heritage Online

Scope: Tigard Public Library serves the city of Tigard, Oregon. Their contributions to WCHO were collected by the Tigard Historical Association, which is dedicated to the preservation of local heritage.

Extent: 45

URL: <http://washingtoncountyheritage.org/cdm/search/collection/p16047coll5>

Funding Source: LSTA

MUSEUMS AND HISTORICAL SOCIETIES

BANKS HISTORICAL SOCIETY

Washington County Heritage Online

Scope: The Banks Historical Society seeks to celebrate the history and heritage of this small community in western Washington County, Oregon.

Extent: 93

URL: <http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll8>

Funding Source: LSTA

CLATSOP COUNTY HISTORICAL SOCIETY

Photo Gallery

Scope: The Clatsop County Historical Society not only operates three museum showplaces, it provides cultural resources for the entire North Coast region. Under the guidance of staff and volunteers, it offers educational tours to students and adults on a daily schedule and by appointment; publishes significant historical data, and arranges public programs and events of historical interest. Researchers find a wealth of material in the museum's collections which include over 30,000 photographs and 15,000 three-dimensional artifacts as well as 20,000 documents.

Extent: 521

URL: http://www.flickr.com/photos/clatsop_county_historical_society/

COLUMBIA GORGE DISCOVERY CENTER AND WASCO COUNTY HISTORICAL MUSEUM

Columbia Gorge Discovery Center Baskets of the Northwest Catalog

Scope: Explore the baskets from the Pacific Northwest. Conservation and online access to the basket collection is supported by grants from Oregon Heritage Commission and Oregon Cultural Trust, both of which invest in preserving Oregon's arts, humanities and heritage.

Extent: 748

URL: <http://www.gorgediscovery.org/basketarchive/newBrowse.asp?offset=0>

Columbia Gorge Discovery Center Photo Archive

Scope:

Extent: 8438

URL: <http://oregondigital.org/cdm4/browse.php?CISOROOT=%2Fcgdc>

Columbia Gorge Discovery Center Photo Archive

Scope: Explore images of Celilo Falls, the Gorge, and area communities from the mid-1800s through the 20th century. With the generous assistance of Northern Wasco County People's Utility District, the Columbia Gorge Discovery Center offers photo archive over one thousand photos for viewing by researchers, students, and the general public.

Extent: 1100

URL: <http://www.gorgediscovery.org/photoarchive/newBrowse.asp>

COOS ART MUSEUM

Permanent Collection

Scope: Comprising over 550 works, CAM's Permanent Collection is focused on contemporary fine art prints and original works in all media by Pacific Northwest artists. The Collection continues to grow through donation. The fine art print collection contains many works by major American artists including Alexander Calder, Warrington Colescott, Red Grooms, Robert Rauschenberg, James Rosenquist, and Larry Rivers. The Collection was augmented in 1972-73 when 94 prints were purchased with support from the National Endowment for the Arts. Currently the Collection contains over 235 prints.

Extent: 335

URL: <http://www.coosart.org/permanent-collection-with-sizes/#!lightbox/0/>

Funding Source: IMLS, OCT

DICKINSON RESEARCH CENTER, NATIONAL COWBOY & WESTERN HERITAGE MUSEUM

Image Archive Database

Scope: Major collections include the Ralph R. Doubleday Rodeo Photographs collection (97 photos of Oregon rodeos), the DeVere Helfrich Rodeo Photographs Collection (7621 photos of Oregon rodeos), and the Bruce McCarroll Collection of the Bonnie & Frank McCarroll Rodeo Archives (103 photos of Oregon rodeos). Also includes the Glenn D. Shirley Western Americana Collection, consisting primarily of 20th century popular culture materials.

Extent: 8491

URL: <http://imagedb.nationalcowboymuseum.org>

FRIENDS OF HISTORIC FOREST GROVE

Washington County Heritage Online

Scope: The Friends of Historic Forest Grove was organized by enthusiastic individuals who recognized the distinct and important place Forest Grove has in the history of Oregon and the Pacific Northwest. In addition to operating many public programs, the Friends hold a substantial collection of original photographs, documents and artifacts related to local history.

Extent: 323

URL: <http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll7>

Funding Source: LSTA

HISTORY MUSEUM OF HOOD RIVER COUNTY

Historic Hood River Photo Blog

Scope: These images are provided from the photo archive at The History Museum of Hood River County. This site has three goals: To share the rich cultural and historic heritage of Hood River County with the world... as seen through these wonderful images, to raise the community's awareness of the diverse and unique collection at The History Museum... including over 5000 photographs and 15,000 artifacts, to provide a forum for the community to explore local history and share stories and knowledge.

Extent: 644

URL: <http://www.historichoodriver.com/>

KLAMATH COUNTY MUSEUMS

Photo Gallery

Scope: Show below are a variety of photos from the archives of the Klamath County Museum. Galleries include "Looking Back," "Mystery Photos," "Maud Baldwin," "Aerial photos of Klamath Falls and surrounding area," and "Altamont Junior High, 1946"

Extent:

URL: http://www.co.klamath.or.us/museum/Photo_Gallery.htm

LANE COUNTY HISTORICAL MUSEUM

PastPerfect Online

Scope: The Lane County Historical Museum was created to collect, preserve and interpret Lane County's rich heritage. It is the only county-wide historical museum in Lane County. Lane County was a destination point for emigrants crossing the Oregon Trail in the mid-1800s. The museum houses collections of national and local significance dating from the early 1800s to the present.

Extent: 3000

URL: <http://laneounty.pastperfect-online.com/33692cgi/mweb.exe?request=ks>

Primary Theme: History & Archaeology

MARION COUNTY HISTORICAL SOCIETY

Salem History Collection

Scope: The Marion County Historical Society Collection includes several hundred photographs of the Salem and Marion County area from the 1880's to the 1950's. These photographs are selections from the Historical Society collections of more than 200,000 negatives and prints, as well as others loaned to the society by a private donor for this Salem photo project.

Extent: 328

URL: <http://photos.salemhistory.net/cdm/landingpage/collection/mchs>

OLD AURORA COLONY HISTORICAL MUSEUM

Exhibits

Scope: The Old Aurora Colony Museum offers a variety of museum exhibitions throughout the year, displaying lively displays, artifacts and collections that bring the Colony's history alive nearly every month.

Extent:

URL: <http://www.auroracolony.org/old/aurora/colony/exhibits>

OREGON HISTORICAL SOCIETY

Artifacts Gallery

Scope: The Oregon Historical Society's Artifact Collections comprise some 85,000 objects preserving the broadest and most in-depth material culture representation of Oregon history in the state. Early collecting activities focused on exploration, the Oregon Trail, and the pioneer experience. Currently, collecting activities have evolved to reflect, document, and illustrate the history and development of the Oregon Country before 1859 and the State of Oregon since.

Extent: 22

URL: <http://www.ohs.org/research/library/artifacts/>

Primary Theme: History & Archaeology

Collections Online Catalog

Scope: Oregon Historical Society--Davies Family Research Library catalog. Sample search:
[http://librarycatalog.ohs.org/EOSWeb/OPAC/Search/AdvancedSearch.asp?SelectUsing=6&selectField1=KW&txtSearch1=\[graphic\]&GoPressed=true&NotFirstDisplay=1&IsFirstDisplay=false&HyperSearch=true](http://librarycatalog.ohs.org/EOSWeb/OPAC/Search/AdvancedSearch.asp?SelectUsing=6&selectField1=KW&txtSearch1=[graphic]&GoPressed=true&NotFirstDisplay=1&IsFirstDisplay=false&HyperSearch=true)

Extent: 48484

URL: <http://librarycatalog.ohs.org/eosweb/opac/>

Funding Source: NHPRC, Gladys Krieble Delmas Foundation, Carl L. George

Primary Theme: People

Meet Me at the Movies

Scope: Portland's movie houses reflect the rise of media culture in America.

Extent:

URL: <http://www.ohs.org/exhibits/online/meet-me-at-the-movies.cfm>

Primary Theme: Oregoniana

Native American Basketry

Scope: This online exhibit illustrates the broad range of Native peoples' artistry, both ancient and contemporary.

Extent:

URL: <http://www.ohs.org/exhibits/online/native-american-basketry.cfm>

Primary Theme: Race & Ethnicity

Oregon History Project

Scope: The Oregon History Project is an online resource for learning about Oregon's past. In these pages, the work of historians and writers will help you explore the history of Oregon through the perspectives of people who helped shape the state.

Extent:

URL: <http://www.ohs.org/the-oregon-history-project/>

Funding Source: Ford Family Foundation

Primary Theme: Oregoniana

Photograph Gallery

Scope: Browse the galleries below for a sample of the hundreds of categories within our Photograph Collection.

Extent: 244

URL: <http://www.ohs.org/research/library/photograph-gallery/>

Primary Theme: Oregoniana

Photos (ecommerce site)

Scope: You can now order high-quality digital prints and instant downloads from the Oregon Historical Society's Research Library's historical photographs collection online. Choose from nearly 1650 digital images of the beautiful Pacific Northwest landscape and rivers from some of the Pacific Northwest's most famous photographers including Carleton E. Watkins, Fred H. and Oscar Kiser, Benjamin Gifford, and many more.

Extent: 1650

URL: <http://shop.ohs.org/>

Primary Theme: Environment & Natural Resources

OREGON JEWISH MUSEUM

Glimpse into the Archives

Scope: The Oregon Jewish Museum houses the largest collection of the history of the Jewish experience in Oregon. It includes archival documents, photographs, sound and video recordings, books, and artifacts. The collection illustrates the history of individuals, families, and organizations that encompass the Jewish community of Oregon from its earliest history in 1850 to the present. To help you get acquainted, each month we will share a small sample from the Museum's archives and collections.

Extent:

URL: http://www.ojm.org/archives_monthly.htm

OREGON NIKKEI ENDOWMENT

Oregon Nikkei Legacy Center Collections

Scope: The Legacy Center houses original manuscripts, government documents and publications, as well as historical and contemporary artifacts. Thousands of photographs are housed in our institutional archives and digital database. Oral histories are also in the archives and are available on both video and audio tapes.

Extent: 781

URL: <http://www.flickr.com/photos/onlc/>

OREGON STATE HOSPITAL MUSEUM OF MENTAL HEALTH

OHS Research and Artifact News

Scope: The Oregon State Hospital (OSH) is Oregon's primary state-run psychiatric facility for adults. The hospital was started in 1880, when the Oregon Legislature passed an act to create a public insane asylum. Prior to that, the state contracted with private individuals to care for "lunatics," as defined by the Provisional Goverment in 1843. Today, OSH is an operating hospital administered by the Oregon State Department of Human Services (DHS) with two campuses in Salem and Portland. In

April 2009, the Oregon State Department of Human Services authorized a steering committee comprised of concerned citizens to explore the possibility of creating a museum at the Oregon State Hospital.

Extent:

URL: <http://oshmuseum.org/research/>

PORTLAND ART MUSEUM

African Art

Scope:

Extent: 12

URL: <http://www.portlandartmuseum.us/mwebcgi/mweb.exe?request=advanced;source=1;dtype=i;subset=100>

Primary Theme: Arts

American Art

Scope: Since its founding in 1892, the Museum has amassed a significant collection of American paintings and sculptures. Located on the second level of the Belluschi Building, the collection has grown primarily through gifts and key purchases of works by artists of national acclaim. Arranged chronologically, the collection provides an overview of the history of American art. Early portraits by Gilbert Stuart and Erastus Salisbury Field join acknowledged late 19th-century masterworks such as the magnificent Mount Hood by Albert Bierstadt, The Sculptor and the King by George de Forest Brush, and Thomas Moran's The Grand Canal, Venice. The collection also features paintings by the great 19th-century landscape painter, George Inness. The collection is rich in works by American Impressionists Childe Hassam and J. Alden Weir, including paintings created during their visits to Portland in the early 1900s and Weir's portrait of Museum founder C.E.S. Wood. Other works from the first half of the 20th century include paintings by artists ranging from Modernists Milton Avery and Marsden Hartley to John Sloan, George Luks, and other members of the Eight, a group of American artists that united to oppose academism.

Extent: 92

URL: <http://www.portlandartmuseum.org/page.aspx?pid=528>

Primary Theme: Arts

Ancient Art

Scope:

Extent: 100

URL: <http://www.portlandartmuseum.us/mwebcgi/mweb.exe?request=advanced;source=4;dtype=i;subset=100>

Primary Theme: Arts

Asian Art

Scope: Portland has a long history of trade and cultural interchange with East Asia, and this engagement is reflected in the Portland Art Museum's Asian art collection. The origins of the collection can be traced to work donated by some of the Museum's founding trustees. The collection has grown steadily, especially in Chinese, Japanese, and Korean artworks, the majority of which have been gifts from Portland individuals and families. Exhibited on the main floor of the Belluschi Building, the Asian art collection today totals nearly 4,000 objects. Since 1932, when the Museum received the gift of the Mary Andrews Ladd collection of nearly 800 Japanese prints, the institution has been renowned for the depth and breadth of its holdings in this ever-popular medium. Subsequent gifts have expanded the Japanese print collection to more than 1,800 examples and broadened its range to include contemporary art. The Museum's Japanese collection is also rich in painting and decorative arts of the Edo (1615–1868) and Meiji (1868–1912) periods.

Extent: 619

URL: <http://www.portlandartmuseum.org/page.aspx?pid=529>

Primary Theme: Arts

European Art

Scope: Since the Museum's founding in 1892, European art has been at the core of the permanent collection. Museum founder Henry Corbett gave \$10,000, which helped purchase the first acquisitions to the permanent and European collections: 100 plaster casts of Greek and Roman sculptures. The sculptures were chosen by Museum founder Winslow B. Ayer, who spent several months selecting works for the Museum from galleries and museums in Europe. In 1895, the Corbett Collection, as the casts were known, was installed. An instant success, the collection was considered Portland's most important and popular cultural resource. Today, the collection occupies a sequence of galleries on the Belluschi Building's second floor allowing visitors to follow the works from the 17th century back to Classical Antiquity or forward to the 19th century. A gallery of classical antiquities displays a selection of Greek, Roman, and Etruscan objects, including red- and black-figure vases, small bronzes, and glass drawn from the Sally Lewis Collection donated to the Museum in 1926.

Extent: 183

URL: <http://www.portlandartmuseum.org/page.aspx?pid=530>

Primary Theme: Arts

Graphic Arts

Scope: The Portland Art Museum's Vivian and Gordon Gilkey Center for Graphic Arts is dedicated to the collection, exhibition, preservation, and study of works of art on paper. Housed in the lower level of the Belluschi Building, the collection of more than 26,000 prints, drawings, and photographs is an invaluable resource for scholars, artists, collectors, and visitors. The holdings range from the 12th century to the present. The Adams Foundation Foyer and Helen Copeland Gallery feature rotating special exhibitions highlighting graphic art from the collection. The Museum received its first significant gift of works on paper from Henrietta E. Failing in 1916. This donation included more than 100 etchings by Giovanni Battista Piranesi, followed in 1932 by the gift of the Mary Andrews Ladd collection of nearly 800 Japanese prints. During the 1940s and 1950s, gifts and purchases added a substantial number of works by German Expressionists and Northwest artists to the collection. Robert Rauschenberg's 1976 donation of 30 prints added important contemporary holdings.

Extent: 952

URL: <http://www.portlandartmuseum.org/page.aspx?pid=535>

Primary Theme: Arts

Modern and Contemporary Art

Scope: From its earliest days, the Museum has closely followed and supported contemporary art. In 1908, the Museum acquired its first original painting, created by the American Impressionist Childe Hassam in the same year. In 1905 and 1913, exhibitions of avant-garde art were presented at the Museum, including Marcel Duchamp's Nude Descending a Staircase and other momentous works from the controversial 1913 Armory Show in New York. The Museum began building a collection of 20th-century art in the late 1940s. A 1971 gift of funds in Evan H. Roberts' name allowed a series of sculpture purchases by artists such as Henry Moore and Mark Di Suvero. In 2000, the Museum acquired the Clement Greenberg Collection of 159 paintings, prints, drawings, and sculptures by some of the most important American artists of the mid-20th century. The acquisition, supported by Tom and Gretchen Holce, and Carol and John Hampton, along with a number of major gifts, resulted in a quantum leap in the collection. Today, the collection includes works that date back to World War I and originate from North and South America, Asia, and Europe.

Extent: 890

URL: <http://www.portlandartmuseum.org/page.aspx?pid=531>

Primary Theme: Arts

Native American Art

Scope: The Museum's collection of Native American art is housed in the Confederated Tribes of Grand Ronde Center for Native American Art. The collection, remarkable for both its depth and diversity, consists of more than 5,000 prehistoric and historic objects created by some 200 cultural groups from throughout North America. Included are outstanding works by Native American masters such as Allan Houser, Charles Edenshaw, and Maria Martinez, in addition to regional contemporary artists

such as Lillian Pitt, Joe Feddersen, Pat Courtney Gold, Rick Bartow, and James Lavadour. The Center is located on the second and third floors of the Hoffman Wing in the Museum's Belluschi Building; each gallery is devoted to art from a specific cultural region. The second-floor galleries focus on the Museum's world-renowned collection of Northwest Coast art as well as galleries dedicated to the Arctic, Plains, Woodlands, Southwest, and California regions. Also located on the second floor is the Phil and Sue Bogue Gallery, dedicated to the display of the Museum's excellent collection of Pre-Columbian art from Meso and South America. Two additional galleries featuring work from our own region, western Oregon and the Columbia Plateau, are located on the third floor. The majority of the Museum's collection of Native American art comes from two sources. In 1948, the Museum purchased Axel Rasmussen's collection of Northwest Coast art, and in 1986, Elizabeth Cole Butler began donating her encyclopedic collection of Native American art of North America. The Center is named in honor of the Confederated Tribes of Grand Ronde and the Spirit Mountain Community Fund and is dedicated to all the Native American tribes of Oregon.

Extent: 1255

URL: <http://www.portlandartmuseum.org/page.aspx?pid=532>

Primary Theme: Arts

Northwest Art

Scope: Established in 2000, the Arlene and Harold Schnitzer Center for Northwest Art brings the Museum's regional collection to the forefront, tracing the history of Northwest art from the late 19th century to today. The two-floor Center is home to works from the collection, and historic and contemporary art exhibitions that celebrate the Northwest's history and culture. Works are arranged chronologically, with pre-1960s works on the third floor and post-1960s and contemporary art on the fourth floor. This vast collection of Northwest art distinguishes the Portland Art Museum from other cultural institutions in the region. The collection is rich in a variety of works by past and present artists living and working in Oregon, Idaho, Montana, Washington, and Wyoming. Together, these historical and contemporary objects depict a visual narrative of the Northwest while providing insight to significant works by artists such as Northwest School members Carl Morris, Morris Graves, and Mark Tobey, legendary Oregon artist C.S. Price, and the acclaimed Jacob Lawrence, who is best known for depicting important moments in African American history.

Extent: 2390

URL: <http://www.portlandartmuseum.org/page.aspx?pid=533>

Primary Theme: Arts

Photography

Scope: In October 2005, the Portland Art Museum unveiled the region's largest permanent exhibition space dedicated to photography within a museum. Located on the mezzanine floor of the Jubitz Center for Modern and Contemporary Art, this 2,200-square-foot gallery is home to a rotating display of photographs from the Museum's permanent collection. The collection ranges from 1850s daguerreotypes to contemporary inkjet prints and spans the history of the medium as fine art in the 19th and 20th centuries, specifically highlighting 20th-century photography in Oregon. Established early in the Museum's history, the photography holdings then consisted of only a few works. With the addition of a permanent curator of photography in the early 1980s, the collection began to rapidly expand. Today, there are approximately 5,000 works in the collection, which is part of the Vivian and Gordon Gilkey Center for Graphic Arts. The majority of images were acquired as gifts, so in a very real sense the collection is a product of the Museum's community. These images reflect the varied photographic interests of hundreds of individuals whose efforts and gifts have helped shape the collection. One of the earliest acquisitions was a complete 20-volume set of Edward Sheriff Curtis's masterpiece, *The North American Indian*. In 1942, the Works Progress Administration of the Federal Art Projects placed a large collection of Minor White's photographs of Portland on permanent loan. Over the past 20 years, the Museum has also accepted gifts from various donors of more than 50 postwar photographs by White.

Extent: 3333

URL: <http://www.portlandartmuseum.org/page.aspx?pid=534>

Primary Theme: Arts

Pre-Columbian Art

Scope:

Extent: 24

URL: <http://www.portlandartmuseum.us/mwebcgi/mweb.exe?request=advanced;source=1024;dtype=i;subset=100>

Primary Theme: Arts

Silver

Scope: The Portland Art Museum's silver collection is the result of the generosity of Portland community members. William H. Nunn and his wife Alice gave their private silver collection to the Museum and, in 1955, established a fund to support ongoing acquisitions. Henry Failing Cabell's 1972 bequest added considerable depth to the collection, with rare treasures such as an Elizabethan silver-gilt bell salt. In 1982, Anna Wheeler Hayes gave the Museum her collection of the intriguing sauce vessels known as "argylls." Updating the impressive historical collection are the more recent gifts of Margo Grant Walsh, whose extensive collection focused on the Arts and Crafts movement.

Extent: 71

URL: <http://www.portlandartmuseum.org/page.aspx?pid=536>

Primary Theme: Arts

Western Decorative Art

Scope:

Extent: 78

URL: <http://www.portlandartmuseum.us/mwebcgi/mweb.exe?request=advanced;source=8192;dtype=i;subset=100>

Primary Theme: Arts

SMITHSONIAN INSTITUTION

CollectionSearchCenter: Other collections

Scope: Major collections with Oregon materials include the Art Inventories Catalog, Smithsonian American Art Museum (3513), Smithsonian Institution Libraries (1800), National Anthropological Archives (685), Archives of American Gardens (435), Field Book Registry (262), Archives Center - NMAH (188), National Museum of the American Indian (172), Pre-1877 Art Exhibition Catalogue Index (114), Catalog of American Portraits, National Portrait Gallery (105) NMNH results were excluded.

Extent: 7660

URL: <http://collections.si.edu/search/results.htm?q=Oregon&tag.cstype=all>

SMITHSONIAN NATURAL MUSEUM OF NATURAL HISTORY

Anthropology Collections Database

Scope: The Collections Database includes 97% of the cataloged specimens that are currently in the Ethnology and Archaeology collections, and provides information most commonly requested by researchers. Over 203,000 digital images of objects are currently available, with more added regularly. Ethnology records usually include an image of the original catalog card.

Extent: 7288

URL: http://collections.si.edu/search/results.htm?tag.cstype=all&q=Oregon&fq=data_source:%22NMNH+-+Anthropology+Dept.%22

SOUTHERN OREGON HISTORICAL SOCIETY

Online Catalog

Scope: Our searchable catalog provides a glimpse of artifacts, photos and documents in the SOHS collection. Please remember this is not a complete catalog, but we are adding to it regularly!

Extent: 3,915

URL: <http://sohs.pastperfect-online.com/>

SOUTHERN OREGON UNIVERSITY

Southern Oregon Historical Society

Scope: Photographs, selected from the vast holdings the Southern Oregon Historical Society's Research Library, show people working, traveling, and raising families in rural lands and towns of the Rogue Valley since the late 1800s.

Extent: 801

URL: <http://digital.hanlib.sou.edu/cdm/landingpage/collection/p15013coll2>

Southern Oregon University Insect Museum

Scope: The SOU Insect Museum Digital Image Collection showcases images and field collection data of preserved insect specimens that were collected by students, researchers, and amateur collectors from the unique and diverse Klamath-Siskiyou Forests ecoregion as well as from many other places around the world.

Extent: 80

URL: <http://digital.hanlib.sou.edu/cdm/landingpage/collection/p16085coll6>

ST. PAUL MISSION HISTORICAL SOCIETY

Photograph and Archival Collections

Scope: Preservation of the history of early Oregon and the French Prairie region of the Willamette Valley. Preservation includes establishment of a historical trust for artifacts, written and spoken history of the St. Paul and French Prairie area, and publication of historical records of early Oregon.

Extent: 2578

URL: <http://spmhs.pastperfect-online.com/collections.html>

Primary Theme: History & Archaeology

TAMASTSLIKT CULTURAL INSTITUTE

Restoring Our Names

Scope: Newcomers to our land, from Lewis and Clark to the pioneers who crossed the Oregon trail, did not notice that this land was already known by its First People. And it already had names! Elder Jay Minthorn When these newcomers overlooked our names they missed out on something special, because our names and our languages are ancient and beautiful. Today, all of us who live here have the opportunity to rediscover the beauty of these ancient first names of our homeland. Explore the site and enjoy!

Extent:

URL: <http://www.digitalcultures.com/ctuirMap/>

Funding Source: OHC, OCT

UNIVERSITY OF OREGON

Jordan Schnitzer Museum of Art: Americas Collection

Scope: The JSMA's collection of Art from the Americas is broad and diverse, ranging from works on paper to paintings, sculpture, ceramics, new and mixed media. Work by 20th and 21st century nationally and internationally recognized U.S. artists includes pieces by Leonard Baskin, George de Forest Brush, William Merritt Chase, Arthur Wesley Dow, Helen Frankenthaler, Ellsworth Kelly, Robert Motherwell, Louise Nevelson, and Robert Rauschenberg. The JSMA is also the repository for nearly 300 WPA works allocated by the U.S. Government that were commissioned through the New Deal art projects. The museum also collects and presents Latin American art and is developing a strong collection of contemporary Cuban and Mexican art that reflects academic and community interests. The Harold and Arlene Schnitzer Gallery of Art from the Americas displays works from the permanent collection as well as select loans. The influences of local, regional, national and international ideas and cultures, the growing importance of technology, response to demographic change, and the professional training of artists are particularly relevant to the work on view.

Extent: 3128

URL: <http://jsma.uoregon.edu/americas>

Jordan Schnitzer Museum of Art: Chinese Collections

Scope: Renowned for its large and important assemblage of Chinese art, the JSMA's holdings include one of America's most impressive collections of court textiles, along with superlative examples of traditional Chinese painting, sculpture, ceramics, jade, glass, lacquer, metalwork, furniture, and a small, but growing selection of contemporary Chinese objects. When the museum first opened in 1933, founder Gertrude Bass Warner (1863-1951) dedicated its largest gallery to the display of a core selection of superb Chinese works evoking the splendor of the Qing-dynasty (1644-1911) imperial court. With the renovation, expansion, and reopening of the museum in 2005, the exquisitely updated Betty and John Soren Gallery of Chinese Art still features many of the same objects, in addition to more recently acquired artwork. One highlight is a modern interpretation of a traditional Chinese treasure wall featuring an array of precious decorative objects in various media spanning over six hundred years. Also on view are examples from the museum's sumptuous collection of imperial court garments and accessories, a rare nine-foot-tall jade pagoda, Buddhist sculptures, paintings, and brightly colored ceramic roof tiles from the Forbidden City.

Extent: 452

URL: <http://jsmacollection.uoregon.edu/info.php?f=CULTURE&type=browse&t=objects&s=Chinese>

Jordan Schnitzer Museum of Art: European Art and Russian Icons

Scope: This small but growing collection includes old master and 20th prints by Dürer, Goya, Kollwitz, Rembrandt, and others; paintings by Max Pechstein and Le Corbusier; and a delicate watercolor by Paul Cézanne.

Extent: 575

URL: <http://jsmacollection.uoregon.edu/info.php?f=CULTURE&type=browse&t=objects&s=European>

Jordan Schnitzer Museum of Art: Japanese Art

Scope: The JSMA houses a large and distinguished Japanese collection including more than three thousand Edo-period (1615-1868) ukiyo-e as well as modern and contemporary Japanese prints, traditional paintings in screen, scroll and album formats, Buddhist sculptures, ceramics, lacquer, metalwork, textiles, arms & armor, dolls, and assorted other decorative objects. While living in China, museum founder Gertrude Bass Warner (1863-1951) made the most of her proximity to Japan to travel, study, and collect objects intended to represent Japanese culture to a Western audience. With the renovation, expansion and reopening of the JSMA in 2005, the now beautifully updated Fay Boyer Preble and Virginia Cooke Murphy Galleries of Japanese Art feature many of the same objects selected by Mrs. Warner, augmented with more recent acquisitions. Each year the galleries are rotated to coincide with UO art history courses.

Extent: 1037

URL: <http://jsma.uoregon.edu/japanese>

Jordan Schnitzer Museum of Art: Korean Collections

Scope: The JSMA houses a small, but impressive collection of 350+ Korean paintings, calligraphy, ceramics, metalwork, textiles, furniture, prints, and photographs, selections of which are featured in successive rotations in the museum's attractive Wan Koo and Young Ja Huh Wing and Jin Joo Gallery. One of only two university museums in the United States with specialized galleries devoted to the arts of Korea, the JSMA is proud to feature rotations of historic and contemporary objects for the edification and appreciation of UO students and museum visitors. Thanks to founder Gertrude Bass Warner (1863-1951), the JSMA also boasts a large collection of drawings, paintings, and prints by the Scottish artist Elizabeth Keith (1887-1956), who lived and traveled in Asia for many years, recording scenes of everyday life.

Extent: 249

URL: <http://jsma.uoregon.edu/korean>

Jordan Schnitzer Museum of Art: Northwest Art Collection

- Scope:** The collection is especially strong in Pacific Northwest art thanks to generous gifts from arts patron and collector Virginia Haseltine, during the 1970s, and a continued commitment since that time to supporting and showcasing the art produced in and by artists from the Northwest. Works by Morris Graves, Sally Haley, Charles Heaney, Maude Kerns, David McCosh, Carl Morris, C.S. Price, and Mark Tobey are among the highlights of that collection. - See more at:
<http://jsma.uoregon.edu/americas#sthash.5Xz37Zfn.dpuf>
- Extent:** 1745
URL: <http://jsma.uoregon.edu/americas>
-

Jordan Schnitzer Museum of Art: Photography Collections

- Scope:** The JSMA's collection of photography began with the acquisitions of prints by Edward Weston (1886-1958) in 1965. Since that time, the collection has grown significantly in depth and diversity and now includes work by important American photographers Ruth Bernhard (1905-2006), Imogen Cunningham (1883-1976), Alfred Stieglitz (1864-1946), Minor White (1908-76), and others, as well as many examples by contemporary international artists including Binh Danh (Vietnamese-American, born 1977) and Elsa Mora (Cuban, born 1971). Historical photographic processes are well-represented by vernacular tintypes, ambrotypes, and daguerreotypes, as well as a 19th century cliché-verre by Jean-Baptiste-Camille Corot (French, 1796-1875). Recent acquisitions of works by nationally and internationally recognized contemporary artists such as Chris Jordan, Isaac Layman, and Susan Seubert have strengthened the collection even further. Every fall term, a selection of original prints are exhibited in conjunction with Art History 359: History of Photography so that students will have the opportunity to study actual works of photography first-hand.
- Extent:** 581
URL: <http://jsma.uoregon.edu/photography>
-

Jordan Schnitzer Museum of Art: South & Southeast Asian Art & Art of the Islamic World

- Scope:** The JSMA's small South and Southeast Asian teaching collection includes a few representative works from India, Afghanistan, Pakistan, Nepal, Thailand, Cambodia, and Vietnam, in a range of media and with particular strength in sculpture. Holdings include stone Buddhist reliefs and statues from Gandhara, architectural fragments from Cambodia's Khmer empire, Southeast Asian bronze drums, a luminous Thai Buddha, and South Indian Hindu bronzes. Two-dimensional objects includes Rajasthani and Mughal paintings and a variety of mid-twentieth-century works on paper by Jamini Roy (1887-1972) and M.F. Hussain (1915-2011), as well as powerful photographs by Vietnamese-American artist Binh Danh (born 1977). The JSMA houses a small study collection of Islamic art including Persian manuscript paintings from the collection of Edwin Binney 3rd.
- Extent:** 44
URL: <http://jsma.uoregon.edu/south-southeast-asian-art-art-islamic-world>
-

WASHINGTON COUNTY MUSEUM

Finley Photographs Exhibit

- Scope:** The Washington County Museum provides a stunning and unique glimpse through the lens of William L. Finley, a nationally known naturalist and wildlife conservationist. Forty of Finley's black-and-white bird photographs will be on display to celebrate his tireless advocacy for wildlife preservation. The original glass plates and lantern slides created by Finley between 1902 and 1920 were donated to the museum in 1980 by Dr. Amo DeBernardis, founding president of Portland Community College. The museum used the process of platinum printmaking, the most durable of all photographic processes, to expose the tonal range of Finley's photographs. The metals used in this process are very stable against chemical reactions that might degrade the print, even more stable than gold. It is estimated that the museum's prints will last thousands of years
- Extent:**
URL: <http://wcmuseumexhibits.org/>
-

Washington County Heritage Online

Scope: The Washington County Museum in Hillsboro, Oregon, exhibits and collects the region's heritage. Hosting educational programs, lectures and outreach, its archives are open to researchers.

Extent: 1924

URL: <http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll1>

Funding Source: LSTA

WRIGHT ARCHIVES

Jackson County Pioneer Index

Scope: The Jackson County Database is the most comprehensive, well documented, and up-to-date surname database in southern Oregon. Wright Research & Archives has taken years to create the database from over 90 different sources to compile records on over 20,000 early residents of the region. Our sources come from several libraries, historical, and genealogical societies and include vital records, newspapers, diaries and other hard to find sources. The Jackson County Database contains extracted information for more than 20,000 people. No images.

Extent:

URL: <http://www.wrightarchives.com/archive.html>

OTHER ORGANIZATIONS

CENTRO CULTURAL

Washington County Heritage Online

Scope: Founded by immigrant families in 1972, Centro Cultural supports the Latino community of Washington County through educational programs, cultural events and outreach.

Extent: 904

URL: <http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll3>

Funding Source: LSTA

COMMUNITY ACTION

Washington County Heritage Online

Scope: Founded in 1965, Community Action is the largest private nonprofit social service agency serving residents of Washington County. Its collection includes issues of the newspaper, The Rural Tribune, and photographs of their activities.

Extent: 116

URL: <http://washingtoncountyheritage.org/cdm/landingpage/collection/p16047coll10>

Funding Source: LSTA

DAVID RUMSEY HISTORICAL MAP COLLECTION

Digital Public Library of America

Scope: The historical map collection has over 42,000 maps and images online. The collection focuses on rare 18th and 19th century North American and South American maps and other cartographic materials. Historic maps of the World, Europe, Asia, and Africa are also represented.

Extent: 1137

URL: <http://dp.la/search?partner%20=%20David+Rumsey&q=Oregon&utf8=%E2%9C%93>

FAMILYSEARCH

Oregon, Baker County Records, 1862-1950

Scope: This collection includes naturalization, military, deed and mortgage records from the county clerk's office in Baker County.

Extent: 66538

URL: <https://familysearch.org/search/collection/1384963>

Oregon, Benton County Records, 1856-1984

Scope: This collection includes digital images of land and property records, old age pensions, naturalization records, military records, and a few probate records. More records will be added to the collection as images become available. Other Benton County records are available on microfilm through the Family History Library and family history centers.

Extent: 75599

URL: <https://familysearch.org/search/collection/1929994>

Oregon, Births and Christenings, 1868-1929

Scope: Name index to birth, baptism and christening records from the state of Oregon. Microfilm copies of these records are available at the Family History Library and FamilySearch Centers. Due to privacy laws, recent records may not be displayed. The year range represents most of the records. A few records may be earlier or later. No images.

Extent: 61,020

URL: <https://familysearch.org/search/collection/1675468>

Oregon, Civil War Service Records of Union Soldiers, 1861-1865

Scope: Union service records of soldiers who served in organizations from Oregon. The records include a jacket-envelope for each soldier, labeled with his name, his rank, and the unit in which he served. The jacket-envelope typically contains card abstracts of entries relating to the soldier as found in original muster rolls, returns, rosters, payrolls, appointment books, hospital registers, prison registers and rolls, parole rolls, inspection reports; and the originals of any papers relating solely to the particular soldier. For each military unit the service records are arranged alphabetically by the soldier's surname. The Military Unit field may also display the surname range (A-G) as found on the microfilm. This collection is a part of RG 94, Records of the Adjutant General's Office, 1780's-1917 and is National Archive Microfilm Publication M1816. Index courtesy of Fold3.

Extent: 53,945

URL: <https://familysearch.org/search/collection/1932421>

Oregon, Columbia County Records, 1854-1958

Scope: This collection includes digital images of land and property, marriage, and other miscellaneous records and indexes digitally captured at the Columbia County Courthouse in St. Helens, Oregon. This collection is being published as images become available.

Extent: 91013

URL: <https://familysearch.org/search/collection/1923992>

Oregon, County Marriages, 1851-1975

Scope: Index and images of marriage records from counties in Oregon. These records include licenses and marriage certificates and are arranged by county, volume, and date. Currently this collection is 49% complete. Additional records will be added as they are completed.

Extent: 104,501

URL: <https://familysearch.org/search/collection/1803968>

Oregon, Death Index, 1903-1998

Scope: Death index from the Oregon State Archives and Record Center. Index provided by Ancestry.com. No images.

Extent: 1,447,641

URL: <https://familysearch.org/search/collection/1946790>

Oregon, Deaths and Burials, 1903-1947

Scope: Name index to death and burial records from the state of Oregon. Microfilm copies of these records are available at the Family History Library and Family History Centers. This set contains 29,035

records. Due to privacy laws, recent records may not be displayed. The year range represents most of the records. A few records may be earlier or later. No images.

Extent: 22,625

URL: <https://familysearch.org/search/collection/1675532>

Oregon, Douglas County Records, 1852-1952

Scope: This collection includes deed records and indexes, 1852-1920. It also includes marriage records and indexes from 1913-1952. This collection is being published as images become available.

Extent: 184,548

URL: <https://familysearch.org/search/collection/1972896>

Oregon, Marion County Records, 1849-1976

Scope: Includes marriage, birth, land and property, probate, naturalization, tax and old age pension records from the Marion County Clerk.

Extent: 406,225

URL: <https://familysearch.org/search/collection/2071970>

Oregon, Marriages, 1853-1935

Scope: Name index to marriage records from the state of Oregon. Microfilm copies of these records are available at the Family History Library and Family History Centers. Due to privacy laws, recent records may not be displayed. The year range represents most of the records. A few records may be earlier or later. No images.

Extent: 58,915

URL: <https://familysearch.org/search/collection/1675533>

Oregon, Polk County Records, 1857-1972

Scope: This collection includes digital images of records from the Polk County Courthouse in Dallas, Oregon. More records will be added to this collection as images become available. At present, many other Polk County records can be viewed on microfilm at the Family History Library and family history centers.

Extent: 34,823

URL: <https://familysearch.org/search/collection/1453591>

Oregon, Tillamook County Records, 1854-1967

Scope: Images of Tillamook County records including marriages and land and property records.

Extent: 64,546

URL: <https://familysearch.org/search/collection/2115693>

Oregon, Wasco County Records, 1854-1960

Scope: This collection includes digital images of land and marriage records filmed at the office of the Wasco County Clerk in The Dalles, Oregon. This collection is being published as images become available.

Extent: 129,959

URL: <https://familysearch.org/search/collection/1927592>

Oregon, Yamhill County Records, 1857-1963

Scope: This collection includes images of deeds, mortgages, and military service records from Yamhill County. It also includes 6 volumes of "Miscellaneous Records" dated 1899-1957. The miscellaneous records include some land transactions, licensing records and other items. Records will be added to this collection as images become available. At present, many other county records are available on microfilm at the Family History Library and family history centers.

Extent: 83,300

URL: <https://familysearch.org/search/collection/1930095>

HATHITRUST

Digital Public Library of America

Scope: HathiTrust is a partnership of academic & research institutions, offering a collection of millions of titles digitized from libraries around the world. Of HathiTrust's nearly 11 million volumes, the metadata records associated with the almost 3.5 million that are freely available are available through DPLA.

Extent: 3605

URL: <http://dp.la/search?partner%20=%20HathiTrust&q=Oregon&utf8=%E2%9C%93>

INTERNET ARCHIVE

Digital Public Library of America

Scope: The Internet Archive Text Archive contains a wide range of fiction, popular books, children's books, historical texts and academic books.

Extent: 230

URL: <http://dp.la/search?partner%20=%20Internet+Archive&q=Oregon&utf8=%E2%9C%93>

MOUNTAIN WEST DIGITAL LIBRARY

Digital Public Library of America

Scope: The Mountain West Digital Library is a central search portal for digital collections about the Mountain West region. We provide free access to nearly 800,000 resources from universities, colleges, public libraries, museums, historical societies, and government agencies, counties, and municipalities in Utah, Nevada, Idaho, Arizona, Hawaii, and other parts of the U.S. West. Major MWDL collections in DPLA with Oregon content include collections from the Utah State Historical Society (328), the University of Utah - J. Willard Marriott Library (285), Brigham Young University - Harold B. Lee Library (272), and Weber State University - Stewart Library (102).

Extent: 1316

URL: <http://dp.la/search?partner%20=%20Mountain+West+Digital+Library&q=Oregon&utf8=%E2%9C%93>

OREGON WOMEN'S HISTORY CONSORTIUM

Century of Action: Oregon Women Vote, 1912–2012

Scope: Century of Action: Oregon Women Vote, 1912–2012 is a project of the Oregon Women's History Consortium (OWHC), a new organization formed to lead the centennial celebration of woman suffrage and to promote women's history beyond 2012. As a small organization, the Consortium's board members also serve as the steering committee for Century of Action. Century of Action is also advised by several Oregon women leaders. (See Advisory Board below.)

Extent:

URL: <http://centuryofaction.org/>

**APPENDIX 3. WASHINGTON COUNTY HERITAGE ONLINE
TRAINING MANUAL**

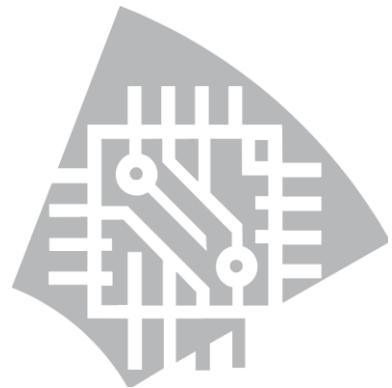


Training Manual

Version 2.0, updated September 2012



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Metadata Quick Start Guide

This information is here as a guide to the minimum requirements needed to add items to WCHO. All of the fields listed on this page also have more detailed entries in the cataloging guide. There are 25 total fields for WCHO – only the 9 listed below are required for submission. Be sure to read the cataloging guide so that you know all of your options.

Required fields to be entered

For all other fields enter only if information is known, otherwise leave blank or set to the default setting.

- Identifier
- Title
- Description
- Digital Publisher
- Type
- Date digital
- Digitization specifications
- Cataloged by
- Cataloged date

Identifier:

This is the same as the base of your file names.

Examples: PUApic_008001
WCMtxt_ms45

Title:

Sentence case. Stay under 30 characters when possible. No period necessary at end of title.

Examples: Portrait of George Atkinson
Main Street, Forest Grove, Oregon, 1986
Smith, George. Letter to John Smith

Description:

No format. Use full sentences and punctuation.

Examples: Two unidentified female Pacific University students playing badminton in front of McCormick Hall, 1913.
Letter from George Smith to his brother John Smith. In the letter, he is requesting that his brother join him in Oregon.

Digital Publisher:

The name of the entity submitting the item to WCHO. If an individual, use Library of Congress Authority format/entry.

Example: Pacific University Archives
Washington County Museum

Type:

Use DCMI Type Vocab [more at: <http://dublincore.org/documents/dcmi-type-vocabulary/>]

Common Terms:

Still Image
Text

Date Digital:

The date the item was digitized. Use W3C standard, YYYY-MM-DD.

Digitization Specifications:

For item in brackets, enter the actual dpi of the TIFF. Make sure to change this statement to reflect the equipment you are using.

Scanned at [#] dpi using an Epson v700 scanner. Images enhanced in Photoshop CS5. Saved at the highest resolution TIFF and as a derivative JPEG.

Catalogued By:

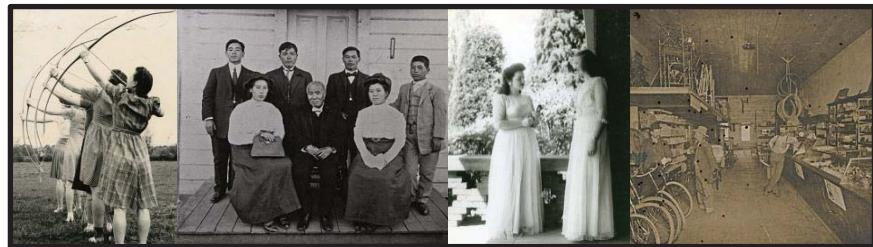
The initials of the person who wrote the metadata, no punctuation.

Catalogued Date:

The date the metadata was written. Use W3C standard, YYYY-MM-DD.

Best Practices Guide

Washington County Heritage Online



Prepared by:
Lindsay Zaborowski, Project Manager

Last Revised:
August 2012

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Purpose

This best practices guide has been created by the members of Washington County Heritage Online (WCHO) project. One of the goals of WCHO is to create a standard for digitization and metadata that can be used by institutions throughout Washington County (and Oregon). The following guidebook will help you to understand the rationale behind the chosen standards, and will aid you as you contribute historic materials to the project.

Background

Washington County Heritage Online is a collaborative project between historical and cultural institutions in Washington County, Oregon. Founded in 2011, it seeks to document the unique heritage of Washington County. At this stage, we are seeking to collect, digitize and display photographs and textual items of historic importance. Washington County Heritage Online principally wants to:

- collect items of historical and cultural importance
- celebrate local history
- encourage cooperation between archives, historical societies, libraries, museums, and other cultural organizations
- allow for wider access to the unique materials found in Washington County
- train contributors to adhere to standards that create consistency and allow for WCHO to contribute to regional and national projects

After consulting with citizens of Washington County and reading several histories, professionally created or otherwise, we were able to compile a list of topics which would be pertinent to cover for WCHO. We encourage you to do this for your own organization; each institution will know best what events, people, and activities are most important to represent. Below is a list of possible topics:

- Agricultural history
- Women's suffrage
- Prohibition
- Missionary activities
- Urbanization
- Leisure activities (bands, sports teams, fraternal organizations etc.)
- Pioneer heritage
- Military activities

Scanning Standards

The following charts outline **the minimum requirements** for digitization of images and text items. These standards were derived from American Library Association, Western States Digital Standards Group, National Archives and Records Administration, and Library of Congress best practices.

Creating Derivate files

- Each photo will be scanned to create a Master file (preservation copy) in the TIFF format. That preservation copy will then be opened in Photoshop (or similar photo editing program), where it will be edited and then saved as second file in TIFF format. There will then be a raw Master TIFF (the preservation copy) and an enhanced TIFF (cleaned up for online viewing).
- A derivative file, optimized for viewing online, will be created using imaging software. It is not necessary to rescan items to create derivatives. The derivative file will be made from the edited TIFF, not the raw Master TIFF.
- For text items, you may use this method of creating a TIFF and a derivative file. If you do not want to go through this process for your text items, you may scan your items and create PDF files. These PDF files are not recommended for digital preservation surrogates, but will be perfectly acceptable for online and reference use.

The following is a chart of basic guidelines for creating TIFFs for multiple item types – more specific guidelines for photographs, slides, and text items are on the following pages:

	Min. Resolution	Minimum Color	Notes for creation of preservation TIFF
Printed Materials (standard books, pamphlets, etc.)	300 dpi	Grayscale OK; capture in color if possible	Use higher resolution (400-600 dpi) if the text is very small or if there are illustrations.
Manuscripts / Rare Books	400 dpi	Color	Use higher resolution (600+ dpi) if the text is very small or hard to read.
Photographs	400-600 dpi	Color; Grayscale is OK for black & white photos	400 dpi is usually fine; You may need a higher resolution (600+ dpi) for small photographs. The final image should measure at least 6000 pixels on the longest side.
Slides/negatives	600 dpi	Color for color slides, grayscale for black & white slides	Slides and negatives typically require a high resolution (1200+ dpi). The final image should measure at least 6000 pixels on the longest side.
Maps	300-600 dpi	Color or grayscale, depending on original	600 dpi will capture highly detailed information and is good for reprinting. Lower resolutions may be appropriate if detail is limited.

For more detailed documentation on scanning different types of materials, go to <http://connect.ala.org/node/185648> to view the Minimum Digitization Capture Recommendations developed by the Preservation and Reformatting Section of the Association for Library Collections and Technical Services. **NOTE: these Guidelines have not been officially adopted by the American Library Association. This is expected to happen in the next year.**

Photographic Prints

A print of an image produced by any photographic process, either originally in black and white or in color

- Start with 600 dpi image resolution.
- If image pixel count on the longest side is smaller than 3000 pixels, double the dpi from 600 to 1200 or from 1200 to 2400, etc., to increase the pixel size to at least 3000 pixels.
- **Scan backs of print if there is information written on the back. Also scan any documents that accompany the photo.**

	Image Types	Bit Depth	Resolution (dpi)	Pixel dimension/ Image Size	File Format
Master Files	B&W, toned, and color prints	24-bit color (RGB)	600 dpi Adjust dpi to achieve 3000 pixels across the longest side; For square images try for 2700 x 2700 pixels	100% (1:1)	TIFF (uncompressed)
Derivative Files	Access	24-bit color (RGB)	150 dpi	600 pixels on the longest side	JPEG (low)

Photographic Negatives and Slides

Any image produced on a transparent plastic film or medium, either in a negative or positive color or black and white image.

- Start with 600 dpi image resolution.
- If image pixel count along the longest side is smaller than 3000 pixels, double the dpi from 600 to 1200 or from 1200 to 2400, etc., to increase the pixel size to at least 3000 pixels.

	Image Types	Bit Depth	Resolution (dpi)	Pixel dimension/ Image Size	File Format
Master File	Text on transparent media	1-bit bitonal	Adjust dpi to achieve 3000 pixels across the longest side.	100 % (1:1)	TIFF(uncompressed)
	B&W negatives & positives	8-bit grayscale	Adjust dpi to achieve 3000 pixels across the longest side.	100 % (1:1)	TIFF(uncompressed)
	Color negatives & positives	24-bit color (RGB)	Adjust dpi to achieve 3000 pixels across the longest side.	100 % (1:1)	TIFF(uncompressed)
Derivative Files	Access	1-bit bitonal 8-bit grayscale 24-bit color	150 dpi	600 pixels on the longest side	JPEG (low)

Textual Items

Any printed text, whether it is handwritten with low contrast or a high contrast text in a standard font.

- Be sure to scan all sides where writing is present
- To prevent 'bleeding through' of text from the reverse of an item, you can place archival paper between sheets of the item (as in a book or a multi-page letter, for instance)
- You may either create a high resolution TIFF and JPEG of your textual items, for preservation, or you may scan a PDF and create a digital copy which is for access and research only.

	Image Types	Bit Depth	Resolution (dpi)	Pixel dimension/ Image Size	File Format
Master Files	Manuscripts, prints, maps, other text items	24-bit color (RGB) for items with color/8-bit grayscale for items with no color/images	600 dpi (Adjust dpi to achieve 4,000 pixels across longest edge)	100% (1:1)	TIFF (uncompressed)
Derivative Files	Access size	Same as above	300 dpi	100% (1:1)	JPEG (low)
PDF Files	Access Size	Same as above	300 dpi		PDF

Metadata Guidelines

Washington County Heritage Online has based its record structure on the Dublin Core metadata schema. The collection was built through scanning the historic photos and textual items using digitization standards adapted from the standards used by leading institutions like the Library of Congress and the National Archives.

The metadata schema for Washington County Heritage Online is as follows:

WCHO Field	Maps to Dublin Core field:	Format	Example
Identifier	Identifier	WCHO File Naming Schema	PUApic_008001
Title	Title	Sentence case	The Smith family stands in front of their house
Creator	Creator	LoC Authority File or Format	Smith, A. T. Brown, Charles L.
Description	Description		The five members of the Smith family of Forest Grove stand in front of their house, 1880s.
Extent	Extent		12 pages
Transcription	Description	Do not use quotation marks. Use single quotes instead.	Charles Smith A.T. Smith Katherine Smith Sally Smith William Smith outside the house in 1913
Contributors	Contributors		John Milton, photographer
Digital Publisher	Publisher		Pacific University Library
Subject.Topic	Subject	Library of Congress Subject Headings	Students College trustees
Subject.Place	Subject	Uses names taken from Oregon Geographic Names	Hillsboro, Oregon Buxton, Oregon
Subject.Person	Subject	Use Library of Congress Authority File or AACR2 format	Smith, A. T.
Subject.Theme	Subject	Subject terms taken from the American History and Life database	State & Local History
Language	Language	Use ISO639-2 MARC code list for languages	[eng] = English [spa] = Spanish
Rights & Usage	Rights	WCHO Copyright	Online access to this

		boilerplates	image is for research and educational purposes only. To inquire about permissions, order a reproduction, or for more information, please contact [institution name and point of contact information].
Type	Type	DCMI Type vocabulary	Still Image
Date.Created	Date-Created	W3C date standard for specific dates	circa 1900s 1903-09-18
Date.Range	Coverage.Temporal	Date	1890-1899 1987 1800-1899
Format.Original	Format-Medium	AAT Vocabulary	photographic prints slides
Shelf.Location	Source		RG.124
Source	Source		Photo Collection, Pacific University Archives
IsPartOf	IsPartOf		Sidney Harper Marsh Collection
Date.Digital	[none]	W3C date standard	2011-09-08
Digitization Specifications	[none]	You may adjust this based on what you actually use.	Scanned at [##] dpi using an Epson V700. Images enhanced in Photoshop CS5. Saved as the highest resolution TIFF and also a derivative JPEG.
Catalogued By	[none]	Initials in all-caps	LAP
Catalogued Date	[none]	W3C date standard	2011-09-10

***REQUIRED FIELDS**

Example Metadata Records



Field	Metadata
Identifier	PUApic_008608
Title	A new class of Native American students pose for a picture
Creator	
Description	New students at the Forest Grove Indian Training School, posing as a group. The eleven children are dressed in traditional Native American clothing. See also: PUApic_008035.
Extent	
Transcription	Davidson, Photo. Davidson, Photo, No. 43. New Recruits---Spokane Indians. Portland, Oregon.
Contributors	
Digital Publisher	Pacific University Library
Subject.Topic	Indians of North America Students Vocational education Acculturation Off-reservation boarding schools Fashion
Subject.Place	Forest Grove, Oregon
Subject.Person	Davidson, I. G.
Subject.Theme	History of the Americas Native American Studies United States History Western United States History
Language	[eng]
Rights & Usage	Online access to this image is for research and educational purposes only. To inquire about permissions, order a reproduction, or for more information, please contact the Pacific University Archives at archives@pacificu.edu .
Type	Still Image
Date.Created	1880-1885
Date.Range	1880-1885
Format.Original	photographic prints
Shelf.Location	

Source	Photo Image Collection, Pacific University Archives
isPartOf	
Date.Digital	2011-07-28
Digitization Specifications	Scanned at 600 dpi using an Epson V700. Images enhanced in Photoshop CS5. Saved as the highest resolution TIFF and also a derivative JPEG.
Catalogued By	EAV
Catalogued Date	2011-08-01

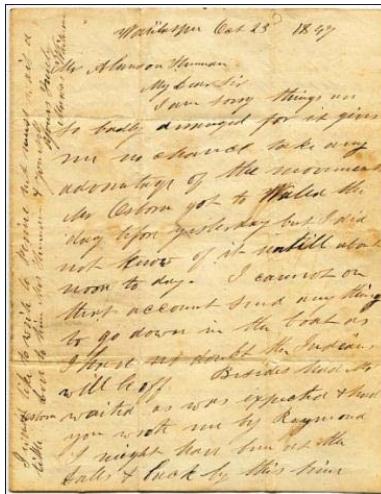
Example Two



Field	Metadata
Identifier	WCMPic_000045
Title	Robert Weatherred, High Jump
Creator	
Description	A young man, Robert Weatherred, in white shorts and tank-top is attempting a high-jump while a number of men and boys watch in a grassy field.
Extent	
Transcription	Robert Weatherred doing jump
Contributors	
Digital Publisher	Washington County Museum
Subject.Topic	Athletics Jumping
Subject.Place	Hillsboro, Oregon
Subject.Person	Weatherred, Robert
Subject.Theme	Art & Entertainment Local & State History Social History
Language	[eng]
Rights & Usage	Online access to this image is for research and educational purposes only. To inquire about permissions, order a reproduction, or for more information, please contact the Washington

	County Museum at Librarian@WashingtonCountyMuseum.org.
Type	Still Image
Date.Created	circa 1930s
Date.Range	1930-1939
Format.Original	photographic prints
Shelf.Location	
Source	Robert L. Benson Research Library, Washington County Museum
isPartOf	
Date.Digital	2011-07-28
Digitization Specifications	Scanned at 600 dpi using an Epson v700 scanner. Images enhanced in Photoshop Elements. Saved at the highest resolution TIFF and as a derivative JPEG.
Catalogued By	LMD
Catalogued Date	2011-09-01

Example Three



Field	Metadata
Identifier	PUAman_MS69
Title	Letter, Marcus Whitman to Alanson Hinman
Creator	Whitman, Marcus, author
Description	Marcus Whitman writes to Alanson Hinman about his trials and tribulations as a missionary and doctor among the Native Americans. This letter was written roughly one month before the Whitman Massacre.
Extent	4 pages
Transcription	
Contributors	
Digital Publisher	Pacific University Archives
Subject.Topic	Missionaries Indians of North America
Subject.Place	Wailatpu, Washington
Subject.Person	Whitman, Marcus

	Hinman, Alanson
Subject.Theme	Social History
Language	[eng]
Rights & Usage	Online access to this image is for research and educational purposes only. To inquire about permissions, order a reproduction, or for more information, please contact the Pacific University Archives at archives@pacificu.edu .
Type	Text
Date.Created	1847-10-23
Date.Range	1847
Format.Original	letters
Shelf.Location	MS.69
Source	Pacific University Archives
isPartOf	Marcus Whitman letters to Alanson Hinman
Date.Digital	2012-06-22
Digitization Specifications	Scanned at 600 dpi using an Epson v700 scanner. Images enhanced in Photoshop Elements. Saved at the highest resolution TIFF and as a derivative JPEG.
Catalogued By	LPZ
Catalogued Date	2012-08-17

Project Glossary

Administrative metadata: n. Data that is necessary to manage and use information resources and that is typically external to informational content of resources. Administrative metadata often captures the context necessary to understand information resources, such as creation or acquisition of the data, rights management, and disposition.

Anglo-American Cataloging Rules 2: n. (AACR2) A standard for creating library catalog records, especially library collections, including the consistent description of those materials and the formation and assignment of access points under which those descriptions are arranged.

Archives: n. 1. Materials created or received by a person, family, or organization, public or private, in the conduct of their affairs and preserved because of the enduring value contained in the information they contain or as evidence of the functions and responsibilities of their creator, especially those materials maintained using the principles of provenance, original order, and collective control; permanent records. 2. The division within an organization responsible for maintaining the organization's records of enduring value. 3. An organization that collects the records of individuals, families, or other organizations; a collecting archive. 4. The professional discipline of administering such collections and organizations. 5. The building (or portion thereof) housing archival collections. 6. A published collection of scholarly papers, especially as a periodical.

Archival Image: an image held within an archive. The image tends to be in its original form.

Compression: n. A process that reduces the amount of space necessary for data to be stored or transmitted.

Art and Architecture Thesaurus: n. (AAT) A controlled vocabulary that includes terms useful for describing and indexing collections of fine art, architecture, decorative arts, archival materials, and material culture. Created by the Getty Research Institute.

DCMI: (Dublin Core Metadata Initiative) The Dublin Core Metadata Initiative is an open organization engaged in the development of interoperable metadata standards that support a broad range of purposes and business models. DCMI's activities include work on architecture and modeling, discussions and collaborative work in DCMI Communities and DCMI Task Groups, annual conferences and workshops, standards liaison, and educational efforts to promote widespread acceptance of metadata standards and practices.

CONTENTdm: is digital collection management software that allows for the upload, description, management and access of digital collections. It is Unicode and Z39.50 compatible. CONTENTdm can handle documents, PDFs, finding aids (including Encoded Archival Description, or EAD), images, videos, and audio files. It can also handle content so that multipage documents, scores, or books can be uploaded and organized into chapters, books or by page number. CONTENTdm is also able to display six-sided, multidimensional objects. CONTENTdm is owned by OCLC.

Controlled Vocabulary: n. A limited set of terms and phrases used as headings in indexes and as access points in catalogs.

Descriptive metadata: n. Information that refers to the intellectual content of material and aids discovery of such materials. Descriptive metadata allows users to locate, distinguish, and select

materials on the basis of the material's subjects or 'aboutness.' It is distinguished from information about the form of the material, or its administration.

DPI (dots per inch): a measurement related to resolution. It measures the number of pixels per inch in a digital image. Generally speaking, the more pixels per inch, the higher the quality.

Dublin Core: n. (DC, abbr.) A standard (ISO 15836, ANSI Z39.85) that defines metadata elements used to describe and provide access to online materials.

ISO639-2: codes for the representation of names of languages. List controlled by the Library of Congress.

JPEG (Joint Photographic Experts Group): n. A standard (ISO/IEC 10918) that specifies a digital graphic file format that can reproduce a large color space and that can compress the data to minimize the file size.

Library of Congress Authority File: The Library of Congress has a vocabulary for more than just subjects. The Library of Congress Authorities, as the collective group is known, includes the Subject Headings, Name Authorities, and the Thesaurus of Graphic Materials. For this project, we will use the Subject Headings (LCSH) and the Name Authority File (LCNAF), if it is available. If the Name is not included, we will use the LCNAF format.

Library of Congress Subject Headings (LCSH): n. A controlled vocabulary typically used to provide topical access points for catalog records.

MARC: n. A data communications format that specifies a data structure for bibliographic description, authority, classification, community information, and holdings data.

Metadata: n. A characterization or description documenting the identification, management, nature, use, or location of information resources (data).

Pixels: n. 1. An element in an array that forms an image. 2. A unit of measure used to describe the size or resolution of an image.

Metadata harvesting: Enables uses of data objects by organizations and services other than the creator/owner, and allows for objects to be shared within a larger community. For example, our metadata is harvestable so that it can eventually be incorporated into the library catalog WorldCat and projects like the Oregon Digital Library.

Oregon Geographic Names: a book produced by the Oregon Historical Society. It includes a complete listing of geographic locations in Oregon's history. The full citation is: MacArthur, Lewis A. and Lewis L. MacArthhur. *Oregon Geographic Names*, 5th Edition. Portland, OR: Oregon Historical Society Press, 2003.

Resolution: n. A measure of the sharpness and detail in an image or optical system.

TIFF (Tagged Image File Format): n. A standard (ISO 12234-2) for storing a raster graphic and metadata that describes the image content and characteristics.

W3C: The World Wide Web Consortium (W3C) is an international community where Member organizations, a full-time staff, and the public work together to develop Web standards.

**Taken from the Society of American Archivist's Glossary of Archives and Records Terminology.
Found at www.archivists.org/glossary.**

Washington County Heritage Online Guides and Workflows

The following documents are supplied for your use when you join WCHO. These provide step by step directions for all steps of the project, including scanning, writing metadata, and uploading. The guides and workflows will duplicate some of the information in this guide. If you are missing any of these guides, or have suggestions for clarifications and/or improvements, please contact the Project Manager at lindsay.prescott@pacificu.edu.

- Metadata Quick Start Guide
- Best Practices Guide
- Collection Criteria Guide
- WCHO File Naming Schema
- Scanning Procedures
- Readying Digital Files
- Collection Building Overview
- WCHO Cataloging Guide

Resources

American Library Association. Minimum Digitization Capture Recommendations, June 2012:
<http://connect.ala.org/node/185648>.

Arizona Memory Project's Digital Project Guidelines and Metadata Guidelines:
<http://azmemory.lib.az.us/cdm4/index.php#5>.

BCR's CDP Digital Imaging Best Practices v.2.0 June 2008:
<http://www.bcr.org/dps/cdp/best/digital-imaging-bp.pdf>.

Dublin Core Metadata Initiative. <http://dublincore.org/>.

Getty's Art and Architecture Thesaurus:
<http://www.getty.edu/research/tools/vocabularies/aat/index.html>.

Idaho Digital Memories' Metadata Best Practices: <http://idig.lili.org/node/74>.

Library of Congress Authorities and Vocabularies. <http://id.loc.gov/>.

Peterson, Kit A. (2005). *Introduction to basic measures of a digital image for pictorial collections*. Washington DC: Library of Congress. <http://www.loc.gov/rr/print/tp/IntroDgtlImage.pdf>.

Peterson, Kit A. (2004). *Digital master images – sample technical specifications for photographic collections*. Washington DC: Library of Congress.
http://www.loc.gov/rr/print/tp/DgtlMastersSamplSpecsSelctdRcmndFinal7_2004.pdf.

Society of American Archivists. Glossary of Archives and Records Terminology.
<http://www.archivists.org/glossary>.

Technical Guidelines for Digitizing Archival Materials for Electronic Access: Creation of Production Master Files – Raster Images, U.S. National Archives and Records Administration (June 2004).
<http://www.archives.gov/preservation/technical/guidelines.html>.

Workflows

Collection Criteria Guide

Washington County Heritage Online is a collaborative project between historical and cultural institutions in Washington County, Oregon. Founded in 2011, it seeks to document the unique heritage of Washington County. In this stage of the project we are seeking to collect, digitize and display photographs and textual items of historic importance. Washington County Heritage Online principally wants to:

- collect items of historical and cultural importance
- celebrate local history
- encourage cooperation between archives, historical societies, libraries, museums, and other cultural organizations
- allow for wider access to the unique materials found in Washington County
- train contributors to adhere to standards that create consistency and allow for WCHO to contribute to regional and national projects

When choosing items, particularly textual items, it is important to consider the relative uniqueness and importance of the document to the overall history of the county. For more specific guidelines, we have highlighted a few themes and events from Washington County's history that we feel would be good contributions to the collection. This collection will of course encompass all manner of items, but the following list highlights some of the themes and topics that we would like to cover:

1. Traditional Farm Life and other Labor
 1. Fairs, festivals, etc.
 2. The transition into new types of farming
 3. The move away from agriculture
 4. Union activity
 5. Natural disasters and/or wonders - Tillamook Burn and Columbus Day Storm
 6. Document other important industries in the county, i.e. logging, nurseries, etc.
2. Oregon Women
 1. Suffrage
 2. WCTU and similar groups
 3. Political action and participation
 4. Work outside the home
3. Missionary Work
 1. Indian Training School, Forest Grove
 2. Development of Pacific University and Forest Grove
4. Urbanization/Suburbanization
 1. Politics/dissent
 2. WWI/WWII: bond drives, drafts, CCC and WPA activities
5. Leisure Activities
 1. Clubs and Groups: bands, Templars, Granges, Masons, Order of Odd Fellows
 2. Technology: electricity, phone, TV, electric rail lines, technology companies
 3. Sports and equestrian activities
6. Diversity and Growth in the second half of the 20th Century
 1. The dramatic changes in diversity and building in the post-WWII period
 2. Variety of different immigrant groups coming into the county, for differing reasons

File Naming Schema

Partner's coding:

PUA	=	Pacific University Archives
WCM	=	Washington County Museum
FHFG	=	Friends of Historic Forest Grove
BHS	=	Beaverton Historical Society
BCL	=	Beaverton City Library
FGL	=	Forest Grove City Library
HPL	=	Hillsboro Public Library
CMS	=	Cedar Mill Historical Society
CML	=	Cedar Mill Community Library
THS	=	Tualatin Historical Society
NPL	=	North Plains Public Library
SPL	=	Sherwood Public Library
TPL	=	Tigard Public Library
TUL	=	Tualatin Public Library
TPR	=	Tualatin Hills Parks and Recreation
CC	=	Centro Cultural

Archives

pic	=	Photo/Image Collection
txt	=	Textual Items

Photo/Image Collection

Number/label your photos according to whatever system you use for your collection. If you do not have an organizational system, you will want to start something so you can be sure that you will know which photo goes to which digital file in the future.

Text Collections

Use whatever identifier you have for the collection to which the item belongs, followed by a numerical sequence as you add items from that collection. This will help you locate the original file that the item lives in if you need to locate the item via the digital file in the future.

Master TIFFs

PUApic_photo#a.tif

WCMpic_photo#b.tif

PUAtxt_collection#_1a.tif

These files will simply end with the "a" or "b" designation. These indicate different parts of the object [i.e. front and back]

JPEG:

PUApic_008001ad.jpg

WCMtxt_MS1_003d.jpg

PUAtxt_MS5_005ad.pdf

Add a "d" to denote the derivative file

Add an "h" to denote the high-resolution image that has been corrected in Photoshop

TIFFs

PUApic_008001ah.tif

PUApic_008001bh.tif

WCMtxt_ms5_002ah.tif

File Making Schema Template

Structure:

iiipic #####sf.ext

iii = three letter institution code
pic = denotes that the file is a picture/image
= The accession number, cataloging number, etc. used by your institution. Be sure to add leading zeroes in order to insure that your file names have the same character numbers throughout this process
S = side of the photo. For the image of the front, put "a" on the end. For the back, if you scan it, put "b." Even if you only scan the front, you must still put the "a."
F = file type. For the Master TIFFs, nothing will be added. For edited TIFFs, an "h" will be added to the end. For the Access Size JPEGs, a "d" will be added.

iiitxt ###_##Pf.ext

iii = three letter institution code
txt = denotes that the file is text based
= The accession number, cataloging number, etc. used by your institution.
= number assigned to individual item within the collection
P = part of the object. Use 'a,' 'b,' 'c,' etc. to denote each part of an item
F = file type. For the Master TIFFs, nothing will be added. For edited TIFFs, an "h" will be added to the end. For the Access Size JPEGs or PDFs, a "d" will be added.

Examples:

PUApic_008001a.tif

The Master TIFF of the front side of photo 8001 from Pacific University's collection

WCMPic_012003b.tif

The Master TIFF of the back side of photo 12003 from WCM's collection

PUApic_008001ah.tif

The TIFF of the front side of photo 8001 from Pacific University's collection, which has been edited in Photoshop

WCMPic_012003bh.tif

The TIFF of the back side of photo 12003 from WCMs collection, which has been edited in Photoshop

PUApic_008001ad.jpeg

The Access Size JPEG of the front side of photo 8001 from Pacific University's collection

WCMPic_012003bd.jpeg

The Access Size JPEG of the back side of photo 12003 from WCM's collection

PUAtxt_MS1_005a.tif

The Master TIFF for the front page of the fifth item added from manuscript group 1

WCMtxt_MS6_003ad.pdf

The access size PDF for the front of the third item added from manuscript group 6

WCHO Scanning Procedures

Preparation before scanning

Preparing work space

1. Prepare work spaces and surfaces before beginning.
2. Clear working space around scanning area of objects, especially those that could mark or damage the materials.
3. Clean area before removing documents for scanning with canned air and brush.
4. Clean scanner bed with soft anti-static cloth and compressed air. Make sure any residue, especially sticky residue, has been removed completely before setting items on bed.

General Guidelines for safe handling of archival items

1. No food or drink is allowed near the work area.
2. Wash hands before handling materials.
3. Do not use pens, markers, or sharp objects near the materials.
4. Do not use rubber bands, paper clips, or self-sticking notes on the materials.
5. Don't slide documents around on top of each other because they may abrade or damage each other.
6. Don't lift documents tightly by their edges.
7. Don't fold or roll documents to make them easier to handle, or close scanner top to flatten items.

Safe Handling of documents and flat materials

1. Use lint-free cotton gloves when handling vulnerable documents.
2. Keep original items on a flat, well-supported surface. Do not place items on your lap or let them hang off the side of a table.
3. Support fragile paper documents by placing a piece of stiff archival board behind them, if necessary, and to aid in turning them over.
4. Do not stack objects of varying sizes or weights. Do not make stacks too high.

Safe Handling of Photographs

1. Do not touch the surfaces of photographic emulsions.
2. Wear clean, lint-free cotton gloves when handling photographs and film transparencies.
3. Do not try to flatten curled or curved photographs.

Flatbed Scanning Procedures

- Be sure to scan all sides of documents where relevant writing is present. Also be sure to scan any separate documents which describe or identify objects/people in the photo.
 - This guide shows you how to scan using an EPSON scanner. If you are using your own equipment, please consult your scanner's guide and make sure you comply with the guidelines listed here.
 - If the matting of a photo is too big to scan, but the image itself will fit on the scanner, scan the item and crop around the image alone. Then be sure to note that it is a photo on matting in the metadata.
 - If the only writing on the back of the photo is information from the museum/archive/etc. and is simply for organizational purposes (such as accession numbers, ID numbers, etc.), do not worry about scanning the back. This information will be in the metadata anyway.
 - Do not allow items to hang off side of scanning area without a support.
 - Do not remove items that are encapsulated in a frame etc.
1. Open **EPSON Scan** on the desktop.
 2. Before you start, check scanner setting.
 - Set scanner on **Professional Mode**
 - **Document Type:** "Reflective" for non-transparent media.
"Film with Film Area Guide" for negatives and transparent media.
 - **Auto Exposure Type:**
 - **Photo:** photographs & historical handwritten/typed documents (w/ stains, discoloring).
 - **Transparent items:** Choose B&W Negative or Color Negative.
 - At the bottom of the window, click on **Configuration:**
 - Select the Color tab.
 - Select either ICM or ColorSync.
 - For the Target, select **ColorMatch RGB**.
 - If **Colormatch RGB** profile is unable to sync, select **No Color Correction**.
 - Refer to **Best Practices Guide** for bit depth, Resolution (dpi), pixel size and file type to use.
 - Adjust dpi if necessary to meet the minimum pixel length standard.
 - To find the pixel size, check the lower left corner of the Preview window after you do the Preview scan.
 3. **Setting filename and saving instructions:**
 1. Click the icon next to the Save button on the lower right of the toolbox menu.
 2. Click **Browse** and select the location of where to save items. You should have a folder with three folders within it: Master TIFFs, TIFFs and Access Size. Save scans in the Master TIFFs file. Save PDFs in the Access Size folder.
 3. Create a file name using the **WCHO File Naming Schemas** sheet or create a place holder filename while scanning and adjust the names later.
 - i. Filenames may need to be adjusted after scanning. Most scanner programs will automatically numbered -01, -02 and those number need to be deleted

Positioning items:

1. For negatives:
 - i. Remove white cover on top lid.
 - ii. Use correct size film holder and place negative face down.
 - iii. Position tray so that corner white triangle is touching top/right triangle on scanner.
2. For photos:
 - i. Lay item flat in center of scanner.
 - ii. Do not try to force items flat.
 - iii. If item will not flatten, use a white archival board to lightly hold over item while scanning.
3. For text items:
 - i. Only invert books smaller than 8.5" x 11"
 - ii. Never force the spine of a book open
 - iii. support the pages with your whole hand with lifting a manuscript or turning the pages of a book
 - iv. Support items with a stiff archival board if they are larger than the scanner bed

Preview item:

1. Click **Preview** to do a preview scan of the item
2. Check position of item so that all edges are visible with a slight margin, if not, carefully reposition item and preview again.
3. Select the part of the scan that you want included in the file
 - v. For documents and prints allow for a slight margin around entire document.
 - vi. For negatives, select visible area.
 - vii. Don't worry about being too careful; you can crop and straighten in Photoshop later
4. Click on **Scan** and save to **Master TIFF** folder
 - a. If doing a **PDF**, save the PDF to the Access Size folder

Readyng Images

1. Adjust filename
 - a. Refer to the **WCHO File Naming Schemas** if needed
 - b. Remove any unnecessary numbers or characters in the filename, such as "-01" or "-02" for images with multiple files attached. Add the "a", "b", etc.
 - c. For PDFs, save as PDF with correct file name. No other steps are necessary.
2. Open up file in the imaging software Photoshop.
 - a. Refer to **Readyng Digital Images** for instructions.

Saving Tiffs and Access Size files

1. Make sure to refer to the **File Naming Schema** to make sure you are labeling everything correctly.
2. Save Master TIFFs with no compression.
3. For the Photoshop procedures and directions for saving the edited TIFFs and Derivative files, see the **Readyng Digital Files** document. By the end you will have saved three different files: the Master TIFF, the TIFF (adjusted in Photoshop), and the JPEG.

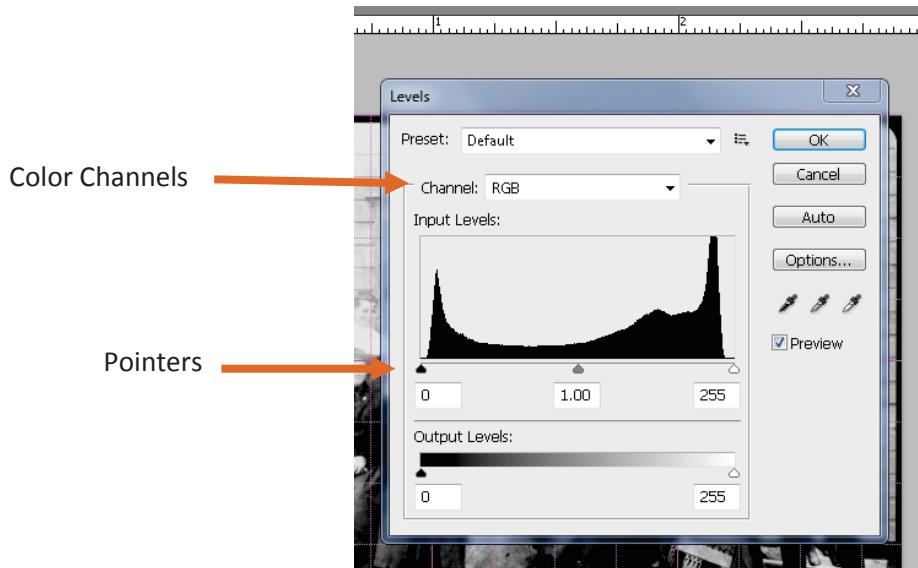
WCHO: Readyng Digital Files

Readyng Images

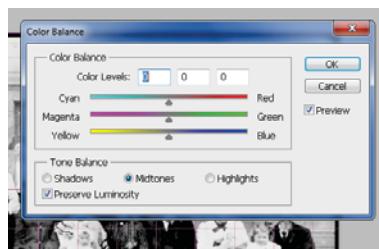
How to create TIFFs and display images using Photoshop. This guide is for Photoshop CS5. If you are using an older version of Photoshop, or Photoshop Elements, please consult the Help guide on your program for instructions on how to complete each of these steps.

Creating Tiffs

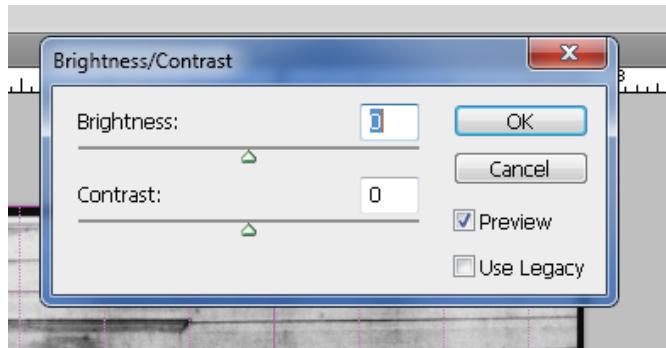
1. Open image in Photoshop.
2. For color photos or text items:
 - a. Go to **Image/Adjustment/Levels**
 - b. In **Levels**, adjust the RGB color channel so that the darks and highlights pointer is reading the histogram. If the color of the photo looks like it needs adjustment, check each color channel (Red, Green, Blue) and adjust the darks and highlights pointer so it is reading the histogram.



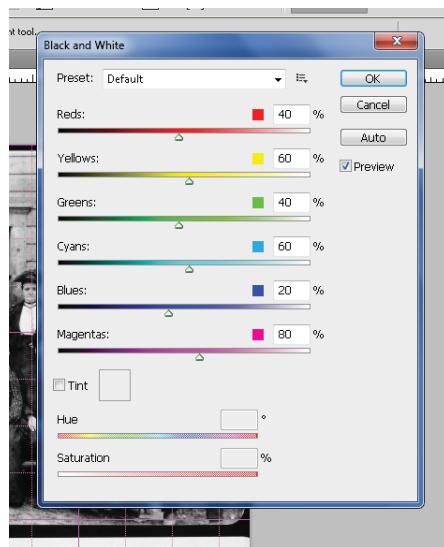
3. If necessary, also adjust lighting in **Image/Adjustments/Brightness & Contrast**
4. Check **Color Balance** for obvious color casts.
5. To adjust color, go to **Image/Adjustments/Color Balance**
 - a. Move levels to the opposite side of the color cast visible to correct.
 - b. Avoid extreme color adjustments.



6. For black and white photos, go to **Image/Adjustments/Brightness & Contrast**
 - Check the **Contrast & Brightness** and adjust if necessary



- You can also go to **Image/Adjustments/Black & White** and adjust levels there



7. Adjust image alignment using **Edit/Free Transform**
 - Make a new layer by right-clicking the background and making a copy
 - To gauge the alignment, use **Rulers** to pull down guides.
 - Find them under: **View/Rulers**
 - For guides, go to **View>Show/Grids**.
 - Rotate the layer with the dual-ended, curved arrow that appears when you hover near the bottom of the box that appears when you choose **Free Transform**
 - Hit Enter when you are satisfied with the image's alignment
- For photos, crop the image so that the edge of the photo is showing. For slides and negatives, crop as close to the edge of the image as possible.
- Anytime you do something you do not like, you can use the **History** to undo actions. Photoshop will save a list of your last 20 actions in the history panel on the right.

10. Sharpen image using **Unsharp Mask**

- Go to **Filter/Sharpen/Unsharp mask**
- Use settings: Amount 50%; Radius 0.9 pixels; and Threshold of 0.
- Slowly sharpen in these increments; avoid over sharpening.

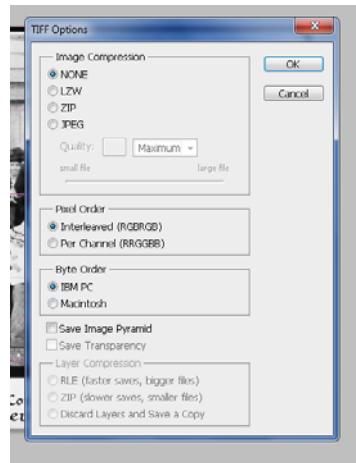


11. Save new image to the external hard drive or server you have been using.

- File/Save as**
- See **File Naming Schema** document for file name. Edited TIFFs should have an "h" on the end of the file name
 - Example: PUApic_8001ah.tif

12. Save as a Tiff with

- Image Compression = None
- Pixel Order = Interleaved
- Byte Order = IBM PC



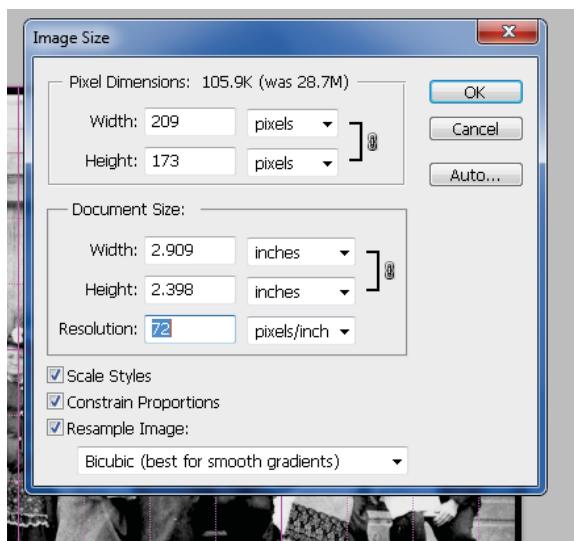
If you have created any additional layers, such as when you create a layer to do a Free Transform or rotate, choose the option to "Discard Layers and Save a Copy"

Creating a Display Image

1. Change Image Size: **Image/Image Size**

- a. Make sure Scale Styles, Constrain Proportions, and Resample Image are **all checked** before making any adjustments.
- b. Change to **Resolution** first to 72 pixels/inch
- c. Pixel dimensions should be 600 pixels on images longest side
 - i. **Only** go above 150 dpi if it is impossible to achieve 600 pixels along the longest size
 - ii. Once you click OK, view the re-sized image at 100% and determine if the size looks acceptable to online viewing. Adjust if necessary.

Make sure these are
ALL checked



2. Sharpen once with **Unsharp Mask** filter.

3. Save the file on the external hard drive or server you have been using.

- a. **File/Save as**
- b. See **File Naming Schema** document for file name. JPEGs should have an "d" on the end of the file name (for Derivative)
 - i. Example: PUApic_8001ad.jpeg

Always use "Save As" for the TIFFs and JPEGs so you are saving a NEW file, and not saving over the Master TIFF

Useful keyboard short-cuts:

CTRL+Zoom In

CTRL- Zoom Out

CTRL-z Undo

CTRL-' Show Gridlines

Collection Building Overview

Before you begin

These are the minimum requirements for the CONTENTdm Project Client: Microsoft Windows® XP with SP2 or SP3 32-bit, Windows Vista 32- or 64-bit, or Windows 7 32- or 64-bit.

Understand Collections and Projects within CONTENTdm:

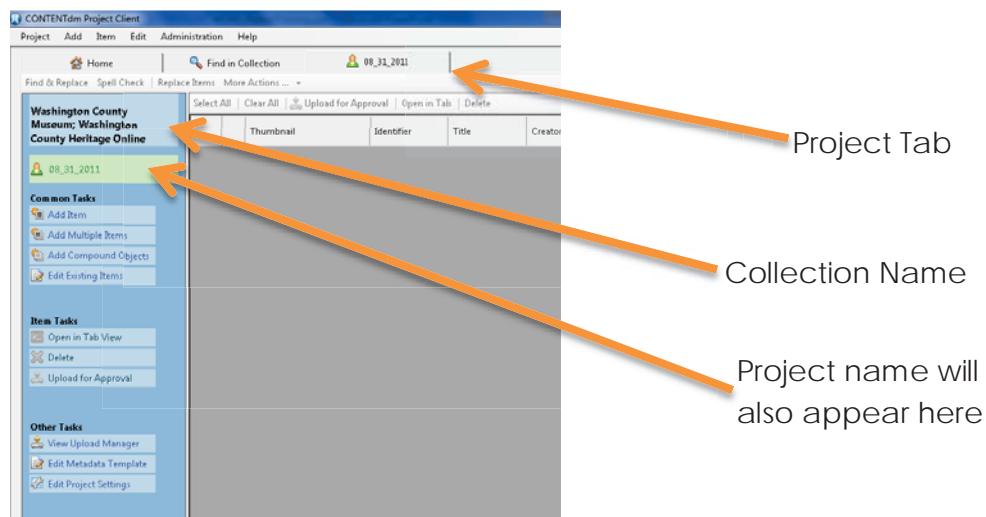
Collections: Each institution has one collection, and projects are contained in collections. Each project can contain many items, and each collection can contain many projects.

Projects: In the Project Client items are processed in a project. When a project is created, a project is linked to a single collection. You will already have a project set up; below you will learn how to add items to the project, upload items to a collection on the server, and view those items with your Web browser.

Work with a project

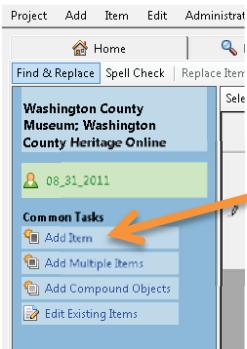
Create a new project

1. When you open the Project Client, you will have a collection for your institution set up. This collection will also already have a 'Project' for you to work in. Open your project and you can add items.



Add a single item

1. Navigate to the Home tab or Project tab.
2. On the left task pane under Common Tasks, click Add item or select Item from the Add menu. The Add Item wizard opens.
3. Click **Browse** to locate the file you want to add.
4. Click **Add** once you have selected your file.
5. A summary screen displays confirmation or any errors or warnings.
6. Click **Close**. The item is displayed in the project spreadsheet.



Add a single PDF file

*To view the PDF in the Project Client, confirm that Adobe Reader is installed on your machine.

1. Confirm that the file extension is .pdf.
2. If your PDF file contains more than one page, check your project settings and make sure that PDF conversion is disabled for multiple-page PDF files. You can also choose to enable the conversion of multiple page PDFs into multiple files. See the screenshots below for more explanation about the difference between these two methods.
 - a. This setting can be turned on and off in Project>Project Settings Manager>Processing
3. Confirm that the PDF file is not encrypted or locked (If it is encrypted or locked, a thumbnail may not be generated and text is not extracted).
4. Follow the above instructions for adding an item.

*Note: You can import multiple, single-PDF files using the Add Multiple Items wizard.

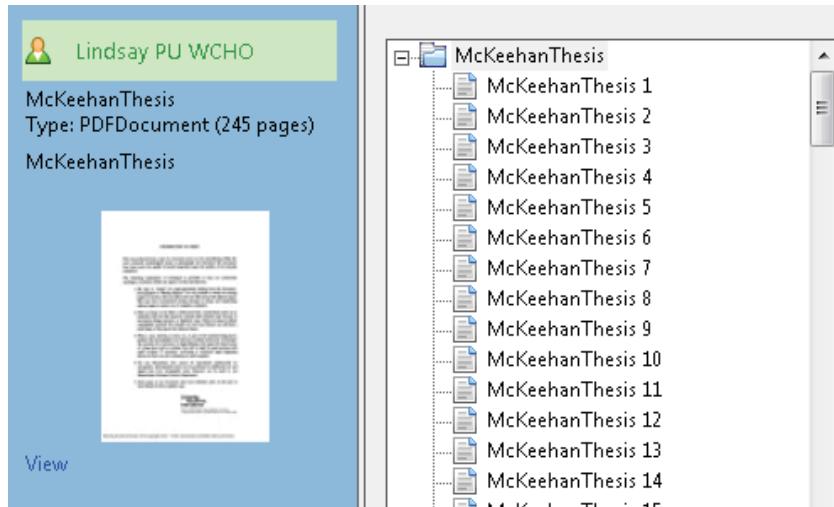
When the file is added, a thumbnail is automatically generated. (Alternatively, you can use Images & Thumbnails settings to select a custom thumbnail for all PDF files.)

Click link to view
the item

A screenshot of the Project Client interface. On the left, a list of items shows 'Lindsay PU WCHO' with 'MS5_JohnsonDiary' and 'Type: PDF'. An orange arrow points from the 'View' link next to this item to a larger screenshot on the right. The right side shows a 'Save' dialog with a table of field values:

Field Name	Field Values
Identifier	
Title	MS5_JohnsonDiary
Creator	
Description	
Transcription	
Contributors	
Digital Publisher	Pacific University Library
Subject:Topic	
Subject:Place	
Subject:Person	

This is a single PDF file that is comprised of one page. Single PDF files with multiple pages will also look like this, but when you view the file all of the pages will be viewable when the user scrolls down.

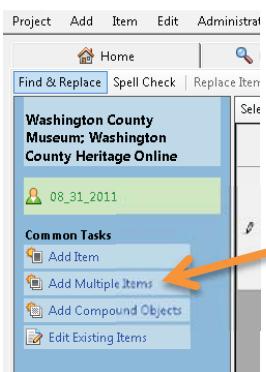


This is a single PDF file with multiple pages that has been loaded with the multiple-page PDF File Conversion setting turned on. There is a top-level for the object, but then each page of the object stands alone and can have its own metadata entry.

******You may put transcriptions in the Transcription field, which can be done using an OCR program or by hand. OCR is not available as part of the CDM Project Client. However, you may find more information about OCR software online. Many tools are available for free. WCHO staff will not be able to support your OCR software

Add multiple items (a folder-full)

1. Navigate to the Home tab or Project tab.
2. On the left task pane under Common Tasks, click Add multiple items or select Multiple Items from the Add menu. The Multiple Items wizard opens.
3. Select Import from a directory.
4. Click **Browse** to locate the directory containing the items that you want to add. Click **OK** then click **Next**.
5. Select the option to generate display images.
6. Click **Next**. The Confirm Settings screen displays. Review the settings and click Add Items or click Back to change your settings.
7. A summary screen displays confirmation or any errors or warnings.
8. Click **Close**. The items are displayed in the project spreadsheet.



Add metadata

1. Double-click a thumbnail image in the project spreadsheet. The item opens in a new tab.
2. Type your metadata into the form.

Note: When typing multiple terms in a controlled vocabulary field, separate them with a semicolon.

Note: You can also click in the spreadsheet fields and type metadata. It is up to you whether you like working in the spreadsheet view or the form view. Keep in mind that in the form you will be able to see the controlled vocabulary lists; you will not see them as you work directly in the spreadsheet.

3. When finished, click **Save** before closing the Item tab.

Spreadsheet view

Select All Clear All Upload for Approval Open in Tab Delete										
	Thumbnail	Identifier	Title	Creator	Description	Transcription	Contributors	Digital Publisher	Subject.Topic	Subject.Place
		WCMpic_001010	Men in a butcher shop					Washington County Museum		Yamhill County, Oregon

This is the spreadsheet view, where you can double-click in the boxes and enter your metadata.

Form View

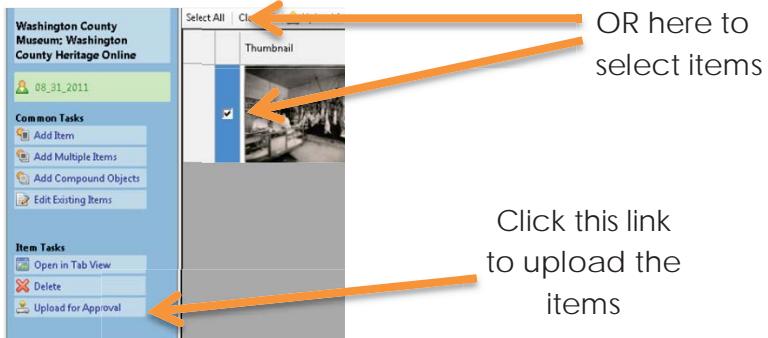
Your auto-fill fields will appear here. You will also be able to see the controlled vocabulary for a field when you click on it.

A new tab will appear with the object's title

Use these three buttons to navigate

The screenshot shows the CONTENTdm Project Client in Form View. At the top, there's a toolbar with Project, Add, Item, Edit, Administration, and Help. Below the toolbar, the title 'Lindsay WCM WCHO' is displayed. In the center, there's a table with columns for Field Name and Field Values. One row is selected, showing 'Title' and 'PLApic_00642ad'. To the right of the table, a 'Controlled Vocabulary' window is open, listing various terms such as 'Acculturation', 'Advertising--Coffee', 'Agriculture', etc. Arrows point from the text descriptions on the left to specific elements in the interface: one arrow points to the 'Field Name' column header, another points to the 'Title' field in the table, and a third points to the 'Close' button in the top right corner of the client window.

4. On the Project tab, select the items you want to upload from the project by selecting the checkbox in each item row or click Select All.
4. Click **Upload for Approval**. Selected items are uploaded and the status bar at the bottom of the Project Client indicates progress.



Click here
OR here to
select items

Click this link
to upload the
items

- When the upload is complete, the administrator can review the pending queue and approve the items. Erica Findley will be the administrator checking the metadata.

[View items](#)

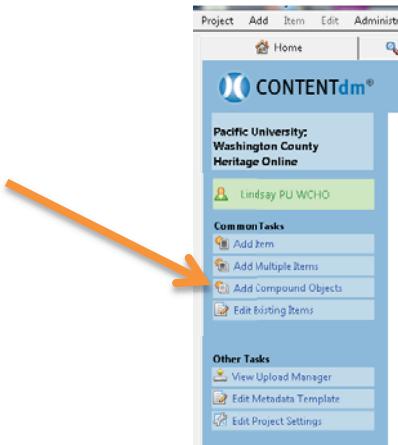
Browse collections *

- In your browser's address bar, go to the CONTENTdm Website URL for WCHO.
- The site is <http://washingtoncountyheritage.com>.
- Select your institution in the Advanced Search to view only objects from your institution.

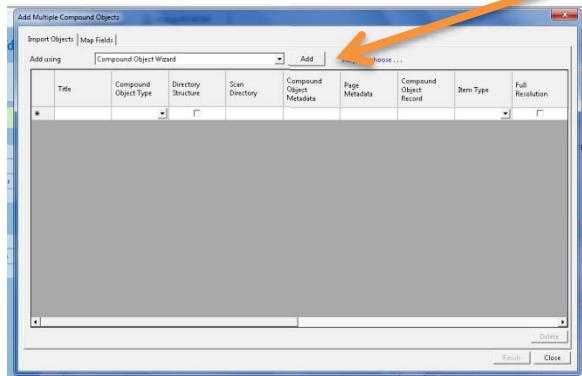
*There will be a lag between uploading for approval and the items appearing on the WCHO website.

[Adding Compound Objects](#)

- Navigate to the Home tab or Project tab.
- On the left task pane under Common Tasks, click **Add Compound Object** from the Add menu. The Multiple Compound Objects window opens.



3. In the Add Multiple Compound Object window, select **Add** using the **Compound Objects Wizard**.



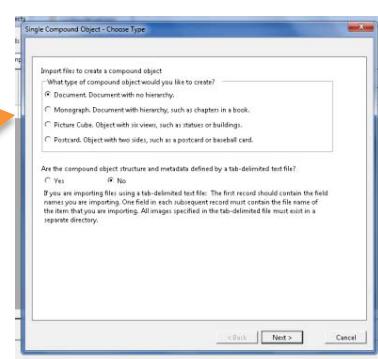
4. A window will appear. Choose the type of compound object you are going to add.

Document lets you create multiple sequential pages of a report, journal, photo album, or related image sets.

Monograph allows you to retain the hierarchical structure of documents, including sections, chapters, and pages.

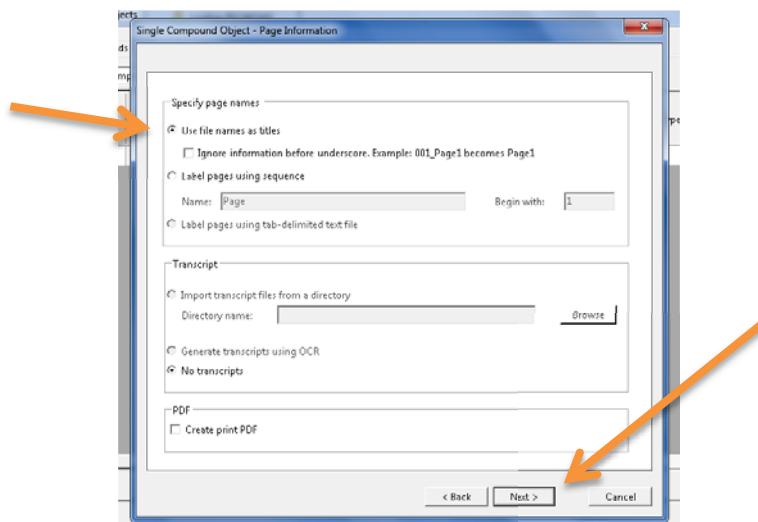
Picture Cube lets you select up to six images to link together views of a three-dimensional object.

Postcard holds both the front and back images of two-sided items, such as tickets, flyers, and baseball cards.

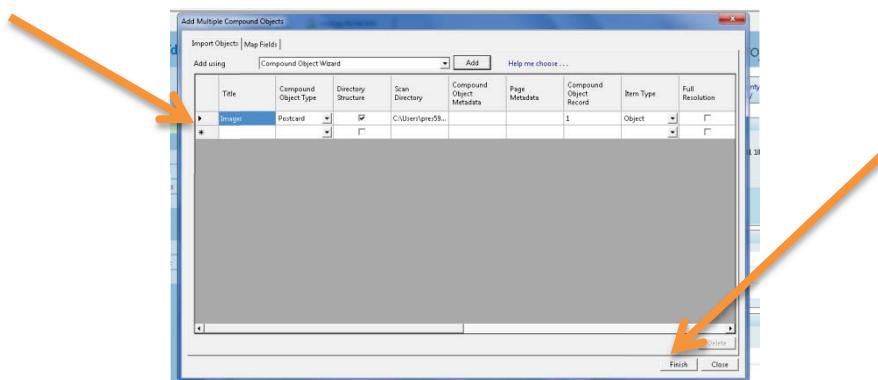


5. Click **Browse** to locate the directory containing the items that you want to add. Click **Next**. All parts of each compound object will need to be in separate folders on your computer.

6. Use the file names as titles for now. They can be changed when writing the metadata.



7. After clicking **Next**, the compound object will appear in the Add Multiple Compound Objects window. Repeat process as many times as needed to add more Compound Objects. Then click **Finish**.



To import a multiple-page PDF files as a compound object

1. Confirm that the file extension is .pdf.
2. Check your project settings and confirm that PDF conversion is enabled for multiple-page PDF files.
 - a. The setting is under Project>Project Settings Manager>Processing
3. Confirm that the PDF file is not encrypted or locked (if it is encrypted or locked, a thumbnail may not be generated, text is not extracted, and it is added as a single-item PDF file. You cannot create a PDF compound object from an encrypted or locked PDF file).
4. Follow the instructions for adding the compound object item.

Note: You can import a batch of multiple-page PDF files by using the Compound Object Wizard.

A screenshot of a software interface for managing compound objects. On the left, there's a preview window showing a page from a PDF named "WCHOnewsletterIssueFive". The preview includes a thumbnail of the page and some descriptive text. On the right, there's a file tree structure under a folder named "TEST". The tree shows four items: "WCHOnewsletterIssueFive", "WCHOnewsletterIssueSeven", "WCHOnewsletterIssueSix", and "WCHOnewsletterV2issue1". Each item has a small icon next to its name.

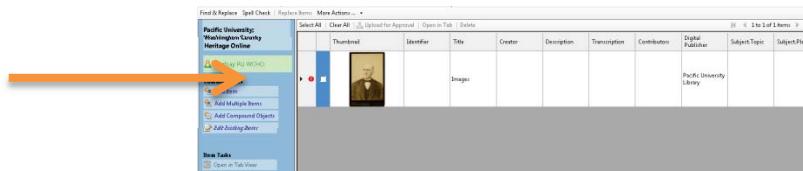
This is a compound object consisting of four multiple page PDFs. Each of the sections can have its own metadata, along with top level metadata for the items as a whole. For example, this is an option for items such as books, where each file could be a multi-page PDF of a chapter or section.

When the file is added, thumbnails are automatically generated (alternatively, you can use Images & Thumbnails to select a custom thumbnail for all PDF files).

** You may put transcriptions in the Transcription field, which can be done using an OCR program or by hand. OCR is not available as part of the CDM Project Client. However, you may find more information about OCR software online. Many tools are available for free. WCHO staff will not be able to support your OCR software

Writing Metadata for Compound Objects

1. The summary window will appear saying the objects have been uploaded. They will appear in the spreadsheet. Metadata should be written in the Spreadsheet View for Compound Objects. This is the item level metadata. In this view, you can right-click on each field and choose 'Fill Compound Object' to make sure all parts of the object have the metadata you've written attached to it.



2. If you double-click the object and enter the Form View, you can change the titles for the different parts of the object. Use 'front,' 'back,' and 'note.' If you have more than three parts, or if these terms are not applicable, write in different terms and stay consistent to the pattern you set down for yourself.

Title will need to be changed for all parts of the object.
Metadata you write in the Spreadsheet View will appear on all pages of the Form View.

A screenshot of the Project Client interface. On the left, there's a card for an item named 'Lindsay PU WCHO' with a thumbnail of a man in a suit. It says 'Type: Document (2 pages)' and 'front'. On the right, there's a 'View Structure' panel with a tree view showing 'Images' expanded, with 'front' and 'back' listed under it. Below the tree is a table with columns 'Field Name' and 'Field Values'. The table rows are: Identifier (Value: Lindsay PU WCHO), Title (Value: front), Description, Transcription, Contributors, Digital Publisher (Value: Pacific University Library), Subject.Topic, Subject.Place, Subject.Person, and Subject.Theme. An orange arrow points from the text 'Title will need to be changed for all parts of the object.' to the 'Title' field in the table. Another orange arrow points from the text 'Metadata you write in the Spreadsheet View will appear on all pages of the Form View.' to the 'Title' field in the table.

10. Check the box next to the objects in the Spreadsheet View once you are done writing metadata. Click **Upload for Approval**. Selected items are uploaded and the status bar at the bottom of the Project Client indicates progress.

Editing Metadata that is in CONTENTdm

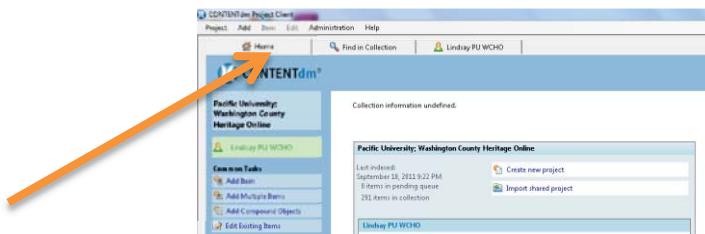
Using the Project Client, you can retrieve and edit items from your CONTENTdm collection.

First, search for the items and download them from the collection into the Project Client project. Next, edit the items. Then, upload the items to the pending queue for approval and addition to the collection database.

Note: When you download items from a collection into your project, the items are locked from editing by other users but are still available for viewing in the web interface.

To edit items:

1. Open the Project Client project that is associated with your collection.
2. Click the **Find in Collection** tab.



3. Browse for the items in the collection by clicking **Browse Collection** or conduct a search by typing keywords in the search box and clicking **Search** (or construct a more detailed search by clicking **Advanced Search**).

The screenshot shows the 'Find in Collection' screen. On the left is a sidebar with 'Pacific University: Washington County Heritage Online' and 'Common Tasks' including 'My Advanced Search', 'Browse All', and 'Browse by Controlled Vocabulary'. The main area has a search bar with dropdowns for 'Search' (set to 'Fields') and 'Find in fields' (with three dropdowns all set to 'All of the words'). Arrows point from the text 'This is the Advanced Search Box. This allows a lot of customization, and you can save searches' to the search and field selection areas. Other buttons in the main area include 'Select All', 'Clear All', 'Add to Project (edit)', and 'View Item on Web'.

This screenshot shows the 'Find In Collection - Advanced Searching' dialog box. It includes fields for 'Search' (set to 'Fields'), 'Find in fields' (multiple dropdowns for fields and operators), 'Enter terms or dates' (text input), 'Edit Search Preferences' (link), '1000 results per page' (dropdown), 'Search' (button), 'Name and save your search' (checkbox), 'Search name:' (text input), 'Save & Search' (button), and 'Delete this search from my saved searches' (button). Arrows point from the text 'Tip: You can change the number of search results shown per page. Click the drop-down list next to the Search button to select from 100, 500, 1000 or 5000 results per page.' to the '1000 results per page' dropdown and the 'Search' button.

Tip: You can change the number of search results shown per page. Click the drop-down list next to the Search button to select from 100, 500, 1000 or 5000 results per page.

- Search and browse results are displayed.

- Locate the item(s) to edit, and select the checkbox. Then click **Add to Project (Edit)**.

The selected items are added to the Project Spreadsheet and a locked icon displays and the item rows change color on the Find in Collection tab.

Note: Although you can add more than 10,000 items at a time, we recommend downloading less than 10,000 items at a time from the server to maintain acceptable download times.

- Click the project tab and edit the items(s). When you have finished editing the items, select the items and click **Upload for Approval**. Items will be sent to the pending queue for approval.

Editing Notes:

- If you exit the current project while still editing items, your items are saved until they are uploaded to the pending queue.
- If you download and then delete an item from your project (whether or not you make any changes), the item is unlocked and returns to its original state within the collection.

- Project additions, updates, and deletions are automatically saved to your project when you close it.

User and network support

If you have problems with CONTENTdm, please contact the support center. Only contact Erica Findley if you have problems directly related to WCHO.

Help Files: www.contentdm.org/help6/

User Support Center: www.contentdm.org/USC/

Tech Support: 1-877-797-0887

Support is available 7:00 am–9:00 pm U.S. Eastern Time, Monday through Friday.

E-mail: contentdmsupport@oclc.org

Cataloging Objects for the Washington County Heritage Online digital collection

General Notes when entering information in CONTENTdm:

1. Replace quotation marks within fields with apostrophes.
2. Include the file extension for the digital filenames. (.jpg)
3. Remove special characters from file names. Special characters are: \ : * ? " < > |
 - a. Special characters are OK in your metadata fields if they are necessary, such as in the transcription field

Required fields to be entered**

For all other fields enter only if information is known, otherwise leave blank or set to the default setting.

- Identifier
- Title
- Description
- Digital Publisher
- Type
- Date digital
- Digitization specifications
- Cataloged by
- Cataloged date

****Note:** The Date-Created and Date.Range fields are not required, but if you fill in one, you MUST fill in the other.

Identifier (A) REQUIRED

- An unambiguous reference to the resource conforming to a formal identification system within a given context.
- Can be the accession or catalog number assigned to the object.

Examples: PUApic_009718
WCMtxt_012031

Title (B) REQUIRED

- The collection or item-level name of a resource; a caption.
- Descriptive yet brief, no more than 30 characters when possible.
- For a text item, transcribe the title from the item itself.
- Any written evidence on the front or back of a photograph should be placed in the Transcription field.
- If no information is found, then devise a title using following format:
Format titles (*Graphic Materials* - rules 1.C.2):

- Main Subject(s) – depicted (persons, events, activities, or objects)
- Geographical location(s) depicted, if known and significant

- Date or date spans of what is being depicted, if different from the publication or execution dates.

Examples: New York Pilots' Association membership certificate
 Portrait of Cyrus Patten
 Gen. Emiliano Zapata and his staff, Puebla, Mexico, 1911
 Whitman, Marcus. Letter to Alanson Hinman
 Board of Trustees meeting minutes, 1922

Creator (C) OPTIONAL

- Names of persons and corporate bodies having contributed to the creation of the resource.
- Formatting: *Last name, First name, Middle name or initial. Place spaces between initials.*
- When in doubt, do not invert; give the name as it appears.
- List multiple *Creators* in order of their appearance or importance.
- Separate each entry with a semicolon.
 - Include brief biographical information, if known, of birth-death dates, and function or role of the creator/contributor.
 Use standardized values to indicate function:
 - photographer
 - editor
 - illustrator
 - publisher
- To determine correct format of names and years, if available:
 1. First check the local database or source information for listed names.
 2. Then look for names at *Library of Congress Name Authority* (<http://id.loc.gov>)
 3. If they are a known photographer, check *Getty Union List of Artists Names for artwork* (<http://www.getty.edu/research/tools/vocabulary/ulan/>).
- List secondary contributors in the **Contributors** field.
- If the creator is **unknown**, leave the field blank.

Examples: Jackson, Michael Smith, author
 Jackson, William Henry, 1843-1942, photographer
 Unidentified photographer with a studio in Forest Grove, Oregon

Description (D) REQUIRED

- Description of the content of the resource, not the resource itself.
- Enter descriptive text, remarks, and comments about the digital object. This information can be taken from the object or through other sources. Use full punctuation.
- Enter here specialized information not included in other elements, for example, description, technique, and distinguishing features if observable in the digital object.

Examples: Photograph originally published in the University Catalogue, 1925.
 Diary kept by Louis Parsons of Burlington, Iowa. Parsons grew up in Burlington during the 1870s and 1880s. His father, Albion, owned a general store, while his mother, Mary, raised Louis and older sister Ella. Louis' father died when he was 13.

A woman and a child in a horse-drawn buggy; they are identified on the back as Mrs. Merrick and Charlotte. They drive on Garden of the Gods Road, by White House Ranch.

Transcription (E) OPTIONAL

- Use this field to add a transcription of text documents.
- For photographs, transcription of handwritten or typed notes on the item.
- For photographs, use only when there are notes added to the item. Use the description field to transcribe signs or other text in a photo.
- For photos, indicate if the writing is on the front or back.

Examples: The beautiful croquet set you sent me, arrived this morning in fine condition. Oh how good of you, to re-member so generously! Had you heard the exclamations of surprise and delight, when the pkg. [package] was opened, you would know how fully, your choice gift is appreciated.

[back] For Pacific University Archives

[front] To President Richie. Thanks for all the neckties.

Extent (F) OPTIONAL

- Use this field to describe the length in volumes, pages, leaves, minutes, or seconds of an item.

Examples: 2 volumes bound together
25 leaves
3 pages
3:16 (3 minutes 16 seconds)

Contributors (G) OPTIONAL

- The person(s) or organization(s) that made significant contribution to the resource but whose contribution is secondary to any person(s) or organization(s) already specified in a **Creator** field.
- Follow the same formatting guidelines as the **Creator** field.
- Examples of a contributor include editor, publisher, transcriber, illustrator, photography studio, etc.

Examples: Detroit Photographic Co., publisher
Heart of Oaks Yearbook, publisher
Bronson, Danni, editor

Digital Publisher (H) REQUIRED

- Person or Corporate/ Organizational entity responsible for producing a resource or a digital copy of a resource.

Examples: Pacific University Library
Washington County Museum

Subject.Topic (I) OPTIONAL

- Significant topics, events, or activities depicted or described in the item.
- Use as specific a heading as possible
- Do not mix broad and specific terms.
- Separate each entry with a semicolon.
- Subject terms are derived from this authority source:
 - *Library of Congress Subject Headings:* <http://id.loc.gov/authorities/subjects.html>

Examples: Students
Baseball teams
Badminton
Pioneers

Subject.Place (J) OPTIONAL

- The location depicted or described in the item.
- Use as specific a heading as possible. A full list of places in Washington County is included with the WCHO information. If you need a place name outside Washington County, check an authoritative source for spelling and use the same format.
- Separate each entry with a semicolon.
- Subject terms are derived from this authority source:
 - *McArthur, L. A., & McArthur, L. L. (2003). Oregon Geographic Names. Portland: Oregon Historical Society Press.*

Examples: Forest Grove, Oregon
Beaverton, Oregon
Washington County, Oregon
[example for outside Washington County] Tacoma, Washington

Subject.Person (K) OPTIONAL

- Any people depicted or described in the item.
- Separate each entry with a semicolon. Put a space between initials.
- Name headings are derived from this authority source:
 - *Library of Congress Name Authority File:* <http://id.loc.gov/>
- If a name cannot be found in the authority source use: Last name, First name, Middle Name or Initial
- Do not invert the name if it is unclear which name is the surname; use the name as it appears.
- There is a list of names entered into this field. If you would like to consult the list to see if the person depicted or described in your object has already been entered you may do so. This is optional.

- For text items; enter the author in the Creator field. Enter names in the Subject.Person field for works about that person.

Examples: Ritchie, M. A. F. (Miller Alfred Franklin), 1909-2000
 Toth, A. J.
 Moses, Grandma
 Madonna

Subject.Theme (L) OPTIONAL

- Themes that correspond to Oregon curriculum standards or other vocabularies relevant to educators.
- Separate each entry with a semicolon.
- Name headings are derived from this authority source:
 - *America History and Life subjects:* <http://www.ebscohost.com/titleLists/31h-subject.htm> look in the subject column [only available at Pacific University – but all terms are on the printed list]

Examples: United States History
 Local & State History
 African American History

Language (M) OPTIONAL

- A language of the intellectual content of the resource.
- Visual images do not usually have a language unless there is significant text in a caption or in the image itself.

Formatting:

- Use the ISO 639-2 scheme: Codes for the Representation of Names of Languages Part 2
<http://www.loc.gov/standards/iso639-2/englangn.html>
- In addition to using language codes, if needed, a textual description of the nature of the language may be included in the **Description** element.

Examples:

[chi]	Chinese
[eng]	English
[fre]	French
[ger]	Germany
[jpn]	Japanese
[spa]	Spanish

Rights & Usage (N) OPTIONAL

- Information about rights held in and over the resource.
- Copyright & intellectual property permissions concerning legal use, access and reproduction of a resource can be determined by the holding institution on a case by case basis.
- Can be different for each institution. Indicates where item is held, who to contact for fulfillment, and contact information. Rights statements should provide references or contact information. Additional clarification can be indicated via linking to an institutional policy statement or other web resource.
- **Use this boilerplate for photos:** Online access to this image is for research and educational purposes only. To inquire about permissions, order a reproduction, or for more information, please contact [institution name and point of contact information].
- **Use this boilerplate for text:** Online access to this item is for research and educational purposes only. To inquire about permissions, order a reproduction, or for more information, please contact [institution name and point of contact information].

Example: Online access to this image is for research and educational purposes only. To inquire about permissions, order a reproduction, or for more information, please contact the Pacific University Archives at archives@pacificu.edu.

Type (O) REQUIRED

- The characteristic that identifies a resource genre.
- Use DCMI Type Vocabulary for controlled list of authorized terms:
<http://dublincore.org/documents/dcmi-type-vocabulary/>.

Examples: Still Image
Text
Moving Image
Sound

Date-Created (P) OPTIONAL

- A concise description of the date or range of dates associated with the creation of the object. If using circa, do not capitalize. Use YYYY-MM-DD format for exact dates.
- **If you fill in this field, you must also fill in the Date.Range field.**
- Use guidelines provided for determining how to format a date or date range.

Examples: 1889
circa 1895
circa 1920s
1991-12-01
1880-1885

Date.Range (Q)

- The year or range of years expressed in the Date-Created field.
- **If you fill in this field, you must also fill in the Date-Created field.**
- Use only the format yyyy for a single year or yyyy-yyyy for a range of years.
- See table used to associate ranges of years with ranges of dates.

Date Created	Date.Range
circa 1990	1990
circa 1990s	1990-1999
circa early 1990s	1990-1994
circa mid 1990s	1993-1997
circa late 1990s	1995-1999
1990	1990
1990-1992	1990-1992
1990-09-13	1990
1990-09	1990
Twentieth Century	1900-1999
circa1990s-2000s	1990-2009
circa late 1990s-2000s	1995-2009

Format.Original (R) OPTIONAL

- The physical manifestation of the resource.
- Use as many terms as applies to the resource.
- Subject terms are derived from this authority source:
 - *Getty Art and Architecture Thesaurus (AAT):*
<http://www.getty.edu/research/tools/vocabularies/aat/index.html>

Examples: photographic prints
gelatin silver prints
card photographs
copy prints
cartes-de-visite
tintypes
drawings
engravings
personal papers
scrapbooks
diaries

Shelf Location (R) OPTIONAL

- A call #, classification #, or other identifier that would aid in the location of the physical item on the shelf or in the institution that holds it.

Examples: MS95
N 3361 .R5 1554
Larry Oglesby Collection, Morro Bay FT, bin #8

Source (S) OPTIONAL

- Text description including Collection Name, Accession Number, Physical Dimensions for graphic materials and Repository information. Or collection name and location.
- Enter information about the original item before digitization as follows: collection name, name of box, number of bin.

Examples: Photo Image Collection, Pacific University Archives
Larry Oglesby Collection

IsPartOf (T) OPTIONAL

- A citation or other reference to the work that the item is a part of.

Examples: First chapter of: Diary of a Sea Voyage to San Francisco and Commonplace Book of an Immigrant to Oregon, 1852
Sidney Harper Marsh Collection

Date.Digital (U) REQUIRED

- Date that the item was digitized.
- Prefer ISO 8601 W3C Date/Time Format YYYY-MM-DD

Examples: 2011-07-05
2009-10-14

Digitization Specifications (V) REQUIRED

- Scanner settings, software used, and specifics about file format. For dpi, insert the actual dpi of the Master TIFF.

Boilerplate*: Scanned at [###] dpi using an Epson V700 scanner. Images enhanced in Photoshop CS5. Saved as the highest resolution TIFF and also a derivative JPEG.

Scanned at [###] dpi using an Epson V700 scanner. Saved as a PDF.

*Be sure to adjust this if you are using your own equipment

Cataloged By (W) REQUIRED

- The initials of the individual(s) creating the metadata record. It will facilitate administrative functions including workflow and quality control.
- Enter initials in capitals without punctuation.

Examples: JAD (Jane A. Doe)
JS (John Smith)

Cataloged Date (X) REQUIRED

- Used to enter the date the digital item was cataloged.
- Enter the date the record is cataloged in YYYY-MM-DD format.

Examples: 2001-10-12
2011-09-28

Controlled Vocabulary Lists

Please see the Wiki for the most up-to-date lists for:

Subject.Topic

Subject.Name

Subject.Theme

Format Original

<http://washingtoncountyheritageproject.pbworks.com>

Forms for Participants

WCHO Participant Agreement

Name of Institution: _____

Address: _____

Phone: _____ Fax: _____

I hereby providing the collection described in the Washington County Heritage Online (WCHO) Project Worksheet for inclusion in WCHO. I understand and acknowledge this collection of digital objects (metadata and scanned images) will be hosted by OCLC (Online Computer Library Center) under the terms of the Pacific University installation of CONTENTdm. The collection will be stored in the WCHO digital repository and made accessible to both researchers and casual users searching WCHO. I also understand that the contribution of these digital objects enhances the overall value of the regional repositories (i.e. Northwest Digital Archives, WorldCat Local, Oregon Digital Library) and therefore will make every attempt to allow and foster continued access through WCHO of my organization's collection(s). My institution will be given access to the support materials at the online CONTENTdm Support Center, but will continue to receive live CONTENTdm support from Pacific University and the Washington County Museum (WCM).

My institution will contribute and maintain this collection in accordance with WCHO Best Practices Guide, including any enhancements, updating and/or revision of metadata to ensure its continued accuracy and quality. My institution also agrees to self-submit our materials. WCHO will provide my institution with a customized CONTENTdm Project Client for this purpose.

I have ascertained that my institution holds the necessary access rights to make this digital collection accessible to searchers of WCHO. My institution will also make a reasonable effort to ensure copyright compliance for items in our collection. WCHO, the Washington County Museum, and Pacific University will not be held responsible for any direct, indirect, consequential, or incidental damages arising out of or relating to the use of the information and materials linked to or found on the WCHO website. My institution will be fully responsible for the content of our collections in WCHO and indemnify and hold harmless the Library, Pacific University, WCM, and the employees and agents thereof, from any claims, losses, damages or legal actions incurred by the Library, Pacific University, WCM, or the employees or agents thereof, and arising from the content or dissemination of the content.

Please sign a copy of this agreement, and return to the WCHO Project Manager. She will then sign it and return a copy for your files. Return to: Lindsay Zaborowski, Pacific University Library #A124, 2043 College Way, Forest Grove, OR 97116.

Washington County Heritage Online

Lindsay Zaborowski, Project Manager

Date

Contributing Institution

Signature and Date

Printed Name and Position/Title at your Institution

WCHO Project Worksheet

Who will be working on your Project?

Schedule:

Projected Project Length: _____

Goals:

Activities:

WCHO Metadata Worksheet CONTENTdm Project Client Prep

Institution: _____

Filling out the following form will enable us to set up some of your Project Client fields to auto-fill. The Digital Publisher, Type, and Source fields will be auto-filled unless you direct otherwise. Filling in your identifier format will help us insure compliance with the File Naming Schema. The contact name and e-mail for the rights statements will help us to make personalized Rights and Usage boilerplates for your institution.

You will have the option at any point to have other metadata fields auto-filled.

1. Identifier format: _____
2. Digital Publisher: _____
3. Rights and Usage:
 - i. Online access to this image is for research and educational purposes only. To inquire about permissions, order a reproduction, or for more information, please contact the _____ [your institution] at _____ [e-mail].
4. Source: _____

OCLC Holding Symbol Form

CONTENTdm is run by OCLC (this stands for Online Computer Library Center). For your collection to be in CONTENTdm, and for the collection to be able to be part of library search engines like WorldCat, you will need an OCLC Holding Symbol. **If you already have one, just check the box at the bottom. You can write the symbol in the space provided if you know it.**

Library Name [40 characters max including space and punctuation]

Address _____

City _____

Zip Code _____

Contact Name _____

Contact E-mail _____

Associated Library* _____

Telephone _____

Fax _____

Library OPAC url _____

IP Range (All) _____

I already have an OCLC Holding Symbol _____

APPENDIX 4. WASHINGTON RURAL HERITAGE METADATA GUIDELINES

Washington Rural Heritage Metadata Guidelines

Updated May 2012

Local Implementation of CDP Dublin Core Metadata Best Practices Version 2.1

Page | 1

Metadata for the Washington Rural Heritage (WRH) initiative *mostly* follows best practices as set forth by the Collaborative Digitization Program (CDP) in ***CDP Dublin Core Metadata Best Practices Version 2.1*** (September 2006).

Exceptions and local implementations are noted here. WRH participants are strongly encouraged to read the included CDP documentation prior to cataloging for the first time. The entire CDP publication can be viewed at: <http://www.sos.wa.gov/quicklinks/CDP>

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Resource Identifier

Attributes:

- Mandatory
- Non-repeatable
- Public, Searchable

Dublin Core equivalent: Resource Identifier [CDP pg. 48]

Definition: Often called the *Resource ID*, this unique identifier refers to the digital objects you create within your CONTENTdm collection, but it will also serve as referent for the digital files you create.

The **Resource identifier** is the file name, *without the extension*, common to all derivatives of the original item. It should consist of a three or four letter prefix followed by a four digit number indicating the scan sequence.

Example: THS0023 for *THS0023.tif, THS0023.jpg, etc.*

WRH staff will work with you on assigning your project a unique prefix for your resources.

Two caveats.....

Compound Objects:

If a single resource has multiple "parts" (e.g., a postcard for which you want to capture both sides; a booklet or pamphlet, etc.), then file you will add a secondary number following a hyphen to the initial Resource ID:

- IRIS0001-001.tif** for the first side/page/part
 - IRIS0001-002.tif** for the second side/page/part
 - IRIS0001-003.tif** for the third side/page/part
- and so on...

Large items:

For single resources that will need to be captured in two or more parts and then stitched together later (e.g., large maps, panoramic photographs, newspaper pages, etc.),

- IRIS0001a.tif** for the first section you scan
 - IRIS0001b.tif** for the second section you scan
- and so on...

Title

Attributes:

- Mandatory
- Non-repeatable (see Title (alternative))
- Public, Searchable

Dublin Core equivalent: Title [CDP pg. 19]

Definition: A name given to a resource.

Create a title using this order of reasoning:

- a) Transcribe the title from the physical item if such title exists or is known (e.g., book title page or image caption).
- b) Use a title assigned by holding institution (e.g., the item's title in your local catalog).

c) If an items' title is not known, construct a descriptive title using the guidelines in Cataloging Cultural Objects: http://vraweb.org/ccoweb/cco/parttwo_chapter1.html).

Style guidelines:

- Avoid using creative or colloquial interpretation in your title.
- Omit initial articles, if possible (e.g., *The, A, An*).
- Capitalize only the first word in the title.
- If title includes a proper name, capitalize the proper name.
- If an unknown person, building, or location is depicted in an image, use *unidentified* rather than *unknown*

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Tip: Titles in CONTENTdm are displayed alphabetically in search results and browse displays. It may therefore be useful to collocate similar items by assigning titles which begin in the same way.

Example:

- Washington coast at Cape Johnson...
- Washington coast at First Beach...
- Washington coast from the ocean near...

Title (alternative)

Attributes:

- Optional
- Non-repeatable
- Public, Searchable

Dublin Core equivalent: Title [Alternative] [CDP pg. 19]

Definition: This is any form of the title used as a substitute (e.g., spelling out numbers, roman numerals, special characters, etc.). This may also be used when varying forms of title appear on item.

Style guidelines:

- Omit initial articles, if possible (e.g., *The, A, An*).
- Capitalize only the first word in the title.
- If a title includes a proper name, capitalize the proper name.

- If an unknown person, building, or location is depicted in an image, use the word ***unidentified*** rather than *unknown*
- If multiple titles exist, enter them here and separate each title with a semicolon and space.

Example:

Title: 125 years Olga: memories and potlucks

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Title (alternative): One hundred twenty five years Olga: memories and potlucks

Example:

Title: Nor'wester

Title (alternative): Nor'wester. A little magazine of the Pacific Northwest

Creator

Attributes:

- Mandatory
- Repeatable
- Public, Searchable

Dublin Core equivalent: Creator [CDP pg. 22]

Definition: Entity (person or corporate body) primarily responsible for making the content of the original resource.

Source: Whenever possible, the form of name should be taken from the Library of Congress Authorities (<http://authorities.loc.gov>). If the creator's name exists as an authority file, enter it exactly as it appears in the Authorized Heading. If the creator is unknown, state that accordingly.

Style guidelines:

- Enter names as *last name, first name* and *initial(s)*, followed by the birth and death dates ***only if those dates are known***.
- If you cannot determine the creator, enter ***Unknown*** in the field.
- Do not include salutations in this field (e.g., *Dr.*, *Ms.*, *Mrs.*, etc.).
- For multiple creators, separate each with a semicolon and space.

Example: Doe, John G., 1967-1999

If birth date is known but death date is not known (or the person is still living), only enter the birth date followed by a hyphen:

Example: Doe, Jane, 1967-

If birth date is unknown but death date is known, enter a question mark followed by a hyphen and the death date:

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Example: Doe, John G., ?-1999

If neither birth nor death date is known, simply enter the name:

Example: Doe, John G.

Contributor

Attributes:

- Optional
- Repeatable
- Public, Searchable

Dublin Core equivalent: Contributor [CDP pg. 33]

Definition: An entity (individual or corporate body) with a *secondary* (i.e., NOT primary) responsibility for the creation of a resource. Examples include: *interviewer, transcriber, compiler, editor, photography studio name*, etc.

Style guidelines: Use the same guidelines as the **Creator** field, *AND* place the contributor's role in brackets following each name.

Example: Gardner, Kim [*interviewer, transcriber*]; Doe, John [*editor*]; LaRouche Studio

NOTE: This field should not be confused with **Contributing institution**, which is used to identify organizations and/or individuals responsible for providing material for digitization and/or inclusion in the digital collection.

Subject

Attributes:

- Mandatory (unless no appropriate term exists)
- Repeatable
- Public, Searchable

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Dublin Core equivalent: Subject [CDP pg. 25]

Definition: Terms representing what the resource is *about*, or *depicts*; the specific subject content of a resource.

Source: Terms are taken from the Library of Congress **Thesaurus for Graphic Materials: Subject Terms (TGM I)**: <http://www.loc.gov/rr/print/tgm1>.

Style guidelines: Enter multiple subjects in the same field, clearly separating each by a semicolon and space. Try to pick three terms from the controlled vocabulary. You may also select terms that describe what the object *is* (e.g., *maps, ink drawings, group portraits, totem poles*).

NOTE: Names (personal or corporate) and places as subjects are entered in different fields.

Topic

Attributes:

- Mandatory (unless no appropriate term exists)
- Repeatable (apply at least one but no more than four terms to a resource)
- Public, Searchable

Dublin Core equivalent: Subject [CDP pg. 25]

Definition: Terms representing the subject content of a resource at a broad level.

Source: This is a relative short list of terms created and controlled by WRH staff. Its aim is to create a browse point based on broad subjects for WRH collections.

Terms List/Definitions:

- **Agriculture & Natural Resources** – Items pertaining to farming, agricultural, fishing, logging, etc. (including activities, facilities, tools, equipment, and people).

- **Architecture** – Images of the built environment (houses, buildings, bridges, etc.) and items depicting or documenting the design/construction of architectural structures.
- **Art & Music** – Actual works of art or music (paintings, sculptures, musical sound recordings, sheet music) and items about the performance or creation of art or music (including advertisements for performances).
- **Business, Labor & Commerce** – Materials related to a business or industry (photographs, correspondence, records, and documents), people engaged in activities at work, documents and artifacts of commerce and industry.
- **Community & Events** – Items of or about community organizations, celebrations, parades (photographs, documents), and other regional events, or everyday life within a community. Can apply to natural disasters' and their effects on a community.
- **Domestic Life** – Items related to work and life in or around the home, the family, household duties or chores. (e.g. cookery, gardening, life around the house).
- **Education** – Class photographs, images of teachers and students working, school sports teams, educational facilities, documents (e.g. commencement announcements).
- **Environment & Conservation** – Materials about regional environmental and conservation issues and activities.
- **History & Genealogy** – Typically, but not limited to, *textual* materials created for and/or focused on history and genealogy (local history books, memoirs, timelines, oral histories, personal or family history documents, family trees, family symbols and crests, indexes of names, cemetery records).
- **Immigration & American Expansion** – Material about immigrants, emigration, the push westward, or material promoting areas and regions for inhabiting and development.
- **Landscape & Nature** – Images depicting nature scenes (including images of animals) and landscape photography and art, landscape postcards.
- **Military & War** – Items about military activities, facilities and people (wars, parades, soldiers, training, medals, uniforms, documents).
- **People, Race, Ethnicity & Culture** – Images of groups of people or persons, individual portraits, group portraits. Use for items that are primarily about a person or groups of people (ethnic groups, race, civil rights, women's movement, etc.).
- **Politics, Government & Law** – Material about or depicting local, state or federal government, politicians, government organized projects, laws, law enforcement, etc.

- **Recreation & Social Life** – Items about people's recreational activities including sports, parks, picnics, families, socializing, and brochures/announcements for recreational activities.
- **Religion** – Items about religious ceremonies and services (photographs of churches, priests, congregations, cemeteries, church records, and other documents).
- **Science, Medicine & Technology** – Items related to chemistry, physics, and biology, computers, communications, medicine, machines, electricity, other inventions, astronomy, paleontology, space, etc.
- **Transportation & Travel** – Items that are specifically about or depict various modes of transportation (airplanes, trains, ships, buggies, railroads, etc.).

Location (subject)

Attributes:

- Mandatory
- Repeatable
- Public, Searchable

Dublin Core equivalent: Subject [CDP pg. 25]

Definition: The geographical place or feature a resource depicts, represents, was created in, or is about.

Source: Getty Thesaurus of Geographic Names (TGN):

<http://www.getty.edu/research/tools/vocabularies/tgn/index.html>

Style / usage guidelines:

- Terms are drawn from the TGN, but WRH staff will need to enter new terms manually to each project's controlled list as they arise. Please email staff when you need a new location name added.
- Enter multiple locations in the same field, separating each with a semicolon and space.
- Locations need not always be within the state of Washington.
- Terms will always be shown in a hierarchical order.
- **Example:** *United States – Washington – Whitman county – Colfax*

Location (coordinates)

Attributes:

- Optional, but recommended whenever possible
- Non-repeatable
- Public, Non-Searchable (but used for map integration)

Dublin Core equivalent: Coverage-Spatial [CDP pg. 59]

Definition: The combined latitude & longitude coordinates, *in decimal format*, of the location the resource represents and/or depicts (i.e., in maps, photos, paintings, drawings). This information is used in the creation of an interactive map application on the WRH website.

Required format: Coordinates must be entered as a single string, *without any spaces between any characters*. Locations within Washington state will always have a positive latitude between 45 and 49, and a negative longitude between -116 and -124.

Example: The reading **46.98658, -122.90695** would be entered as: **46.98658,-122.90695 (no spaces!).**

Usage:

- Coordinates should be as accurate as possible. Use your judgment; if you cannot determine coordinates within several hundred meters of your subject, reconsider entering coordinates for that item.
 - For images depicting a building or landmark, center coordinates on the subject *depicted* in the image, rather than where you think the photographer was stationed.
 - For maps and aerial photographs, locate your coordinates based on the center of the map/photo or the most prominent landmark depicted in the item.
-

Name(s) (subject)

Attributes:

- Optional

- Repeatable
- Public, Non-Searchable

Dublin Core equivalent: Subject [CDP pg. 25]

Definition: Name(s) of persons depicted in a resource, or for which the resource is primarily about (e.g., biographies).

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Style guidelines: Enter names last name first with birth & death dates, as described in the ***Creator*** element instructions.

Example: Doe, John G., 1967-1999

If birth date is known but death date is not known (or the person is still living), only enter the birth date followed by a hyphen:

Example: Doe, Jane, 1967-

If birth date is unknown but death date is known, enter a question mark followed by a hyphen and the death date:

Example: Doe, John G., ?-1999

If neither birth nor death date is known, simply enter the name:

Example: Doe, John G.

If multiple subjects appear, separate each subject with a semicolon. If a person's name is unknown, type an underscore (_), separating it with a semicolon and space from the next person. Include nicknames in double quotes and married names in parenthesis if maiden name is included.

Example: Doe, John G., 1967-1999; _(Doe), Jane "Janey" Jones 1967-;

Note: Include instructions to help users read the names in the ***Description*** field.

Example (for *Description* field): "Note: names read left to right, front to back as subjects appear."

Description

Attributes:

- Mandatory

- Non-repeatable
- Public, Non-Searchable

Dublin Core equivalent: Description [CDP pg. 29]

Definition: A brief narrative including contextual information and/or information that is not represented in other fields.

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Style / usage guidelines: Enter a description of what the object is about or depicts, including any relevant contextual or background information. If relatively little is known about an image, it is appropriate to include other information describing its general depiction(s).

Example: *Man crossing street, St. John, Washington. House in background.*

Enter other specialized information, preceded by the word “*Note*:”.

In describing a group photo, give instructions for how to read the **Name(s)** field.

Example: *Note: names read as subjects appear, left to right, front to back.*

Include other descriptive details as appropriate.

Example: *Remarks on back in pencil: “Our cabin before it was painted, 1938.”*

Note: See the **Cataloguing Cultural Objects**’ Description/Descriptive Notes for additional guidelines on writing descriptions: http://vraweb.org/ccoweb/cco/parttwo_chapter8.html.

Publisher (digital)

Attributes:

- Mandatory
- Non-repeatable
- Public, Non-Searchable

Dublin Core equivalent: Publisher [CDP pg. 31]

Always enter **Washington State Library** as publisher of digital object.

Publisher (original)

Attributes:

- Optional
- Repeatable
- Public, Non-Searchable

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Dublin Core equivalent: Source [CDP pg. 51]

Definition: Agent (person or corporate) responsible for publication of the original physical (or born-digital) item.

Style / usage guidelines: Enter multiple publishers of the original item in the same field and separate each entry using a semicolon and space. Names of photography studios should be entered in the **Contributor** field.

Note: Check the **Library of Congress Authorities** (<http://authorities.loc.gov>) utility to see if the publisher's name exists as an authorized heading. If so, enter the name as it appears.

Date (digital)

Attributes:

- Mandatory
- Non-repeatable
- Public, Non-Searchable

Dublin Core equivalent: Date Digital [CDP pg. 38]

Definition: The date on which the resource was digitized (scanned, transferred, or photographed).

Style guidelines: You must enter date in W3C-DTF format: YYYY-MM-DD.

Example: 2011-12-22

Note: If you are cataloging a compound object scanned over multiple days, each "page" record should include actual date digitized. For the entire compound object record, use the last of those dates.

Date (original)

Attributes:

- Mandatory, if known
- Non-repeatable
- Public, Searchable

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Dublin Core equivalent: Date [CDP pg. 36]

Definition: Creation date of the original document, object, or item. Dates may be expressed in this field as either exact dates (if known), or approximate dates and/or date ranges.

Usage guidelines: Enter known dates in W3C-DTF format:

- a. **Year:** YYYY ("1897" for the year 1897)
- b. **Year and month:** YYYY-MM ("1897-07" for July 1897)
- c. **Complete date:** YYYY-MM-DD ("1897-07-16" for July 16, 1897)

For relatively accurate year (*circa*), place a question mark directly after the date (no spaces):

Example: 1924?

See **Date (hidden)** field instructions when using a *circa* date here – you will need to use both fields in tandem.

For less accurate *circa* dates or estimated date ranges, enter dates on the same line, separating them with a space, hyphen, space. Include a question mark after both dates.

Example: 1940? – 1949? (Item created sometime in the 1940s)

Example: 1941? – 1947? (Item created sometime between 1941 and 1947)

For a *known* publication date range, simply omit question marks. This is rare in a collection like WRH, but might be used for a group of materials published between specific dates.

Example: 1965 – 1970

NOTE: WRH participants previously using a **Date range (original)** field—this field has been deprecated. Use **Date (original)** for date ranges.

Date (hidden)

Attributes:

- Mandatory, if known
- Repeatable
- Hidden, Searchable

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Dublin Core equivalent: Date [CDP pg. 36]

Justification: This field was developed as a workaround to address limitations of some existing digital asset management systems, including CONTENTdm. It allows for accurate searching across exact dates, circa dates, and date ranges. The field is hidden from public view, but will yield results when the collection is searched for a specific year.

Usage guidelines: All dates in this field must conform to W3C-DTF format: "YYYY-MM-DD"

If an exact (known) date was entered in the **Date (original)** field, re-enter that date.

Example: Enter "1930" as **1930**. Enter "1930-04-01" as **1930-04-01**. Enter "1930-04" as **1930-04**.

If a single-year circa date was entered in the **Date (original)** field, simply re-enter that date without the question mark.

Example: Enter "1930?" as **1930**.

If a date range was entered in the **Date (original)** field, enter all years in the date range, separating each with a semicolon and space.

Example: Enter "1930? – 1939?" as **1930; 1931; 1932; 1933; 1934; 1935; 1936; 1937; 1938; 1939**

Type

Attributes:

- Mandatory
- Repeatable
- Public, Searchable

Dublin Core equivalent: Type [CDP pg. 40]

Definition: Identifies the nature or general format of the *original* item, object, or resource (for identifying the format of the digital surrogate file you create through the digitization process, see *Access file format* below).

Usage guidelines: WRH directly uses the Dublin Core Metadata Initiative Type Vocabulary. If cataloging at compound object level and dealing with various types, enter multiple types, separating each type with a semicolon and space.

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NOTE: When using CONTENTdm Project Client, pick term from available list. Delimiters are automatic when you double-click on terms in list.

Options are:

- Collection
- Dataset
- Event
- Interactive Resource
- Moving Image
- Physical Object
- Service
- Software
- Sound
- Still Image
- Text

For Dublin Core Metadata Initiative definitions of these terms, visit:

<http://dublincore.org/documents/dcmi-type-vocabulary/>

Language (iso code)

Attributes:

- Optional
- Repeatable

- Public, Non-searchable

Dublin Core equivalent: Language [CDP pg. 53]

Definition: The written and/or spoken language or languages of a resource.

Usage guidelines: If an item is mostly text, or a recording of spoken language, enter the appropriate three-letter ISO-639-2 language code: http://www.loc.gov/standards/iso639-2/php/code_list.php. If there are multiple languages, enter each language in the same field, clearly separating each with a semicolon and space.

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Example: eng; ger; sal (for English, German, Salish, respectively)

Related item(s)

Attributes:

- Optional
- Repeatable
- Public, Searchable

Dublin Core equivalent: Relation [CDP pg. 55]

Definition: Refers only to related items *within* your sub-collection or the Washington Rural Heritage collection as a whole.

Usage guidelines: Simply enter the **Resource identifier** of each related item, separating each with a semicolon and space. Once the collection is published, WRH staff will return to the record and add the related item's reference URL to the field, allowing for immediate linking to the item.

NOTE: As some degree of "relatedness" will likely exist between many or all of the items in your collection, this field should only be used for demonstrating *direct* and *explicit* relationships between items (e.g., one item references another; one item is a different view of the same subject). The purpose of the field is to help users of your collection to discover strongly-related materials.

Example: REEF017A in Lummi Island Heritage is an oral history in which the interviewee references a sweater worn by a particular fisherman. Its related item, waRN0006, is a photo showing that fisherman wearing the sweater.

NOTE: It is almost always necessary to demonstrate a reciprocal relationship for related items, making it necessary to input correct metadata for each item. This is a good reason for using this field sparingly.

Contributing institution

Attributes:

- Mandatory
- Repeatable
- Public, Non-searchable

Dublin Core equivalent: Contributing Institution [CDP pg. 64]

Definition: The institution(s) that contributed the item to the digital collection. This is most typically the holding institution.

Usage Guidelines: If an institution facilitated the digitization of a privately-held item through outreach or project coordination efforts, you may enter that institution in this field.

Example: San Juan Island Library digitizes a privately-held item during a community digitization event, but the item remains in the private collection of its owner. Enter *San Juan Island Library* in **Contributing institution** field. Enter name of private contributor in **Source item specifications** field (see below).

Separate multiple entries using a semicolon and space. **NOTE:** When using CONTENTdm Project Client, pick term from available list (new institutions may be added). Delimiters are automatic when you double-click on terms in the list.

Example: *Enumclaw Plateau Historical Society; Enumclaw Public Library*

Collection

Attributes:

- Mandatory
- Non-repeatable
- Public, Non-searchable

Dublin Core equivalent: Relation-Is Part Of [CDP pg. 55]

Definition: The name of your Washington Rural Heritage sub-collection to which the item belongs.

Examples: *Orcas Island Heritage*

Whitman County Heritage -- Tekoa Museum

Ellensburg Heritage

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Enumclaw Heritage -- Despain Collection

NOTE: When using CONTENTdm Project Client pick a collection from the available list. New collections may be added or renamed—contact WRH staff to do so.

FAQs

What constitutes a sub-collection?

Ideally, a sub-collection in Washington Rural Heritage will take one of several forms:

- A distinct set of materials already comprising a physical collection in the contributing institution's holdings (e.g., a collection of photos created by one photographer; a set of materials comprising an archival record series, etc.). The key idea here is that the materials all have the same provenance.

Example: Enumclaw Heritage -- Enumclaw Courier-Herald Collection

- More generally, a sub-collection can be all the materials scanned from a given institution.

Example: Whitman County Heritage -- Tekoa Museum

- A set of materials from disparate sources, compiled to create a new collection with a unifying theme. Often part of a grant-funded project.

Example: Lummi Island Heritage -- Reef Net Fishing Collection

Note: Sub-collections should generally not be created for items simply sharing the same subject (e.g., baseball); genre (e.g., postcards); or geographic location. These materials will already be collocated in your collection by means of controlled headings.

Access file format

Attributes:

- Mandatory
- Repeatable
- Public, Searchable

Dublin Core equivalent: Format [CDP pg. 42]

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Definition: The format of the digital file displayed (or available for download) to end-users of your collection. Access files are generally lower-resolution, compressed versions of the archival master file.

Usage guidelines: Use terms from the IMT list: <http://iana.org/assignments/media-types/>

Example: *image/jp2*

Access file requires

Attributes:

- Optional
- Repeatable
- Public, Non-searchable

Dublin Core equivalent: Relation-Requires [CDP pg. 55]

Definition: The application or other software resource that the access file requires to support its functionality or delivery.

Usage guidelines: Use only when necessary; otherwise, leave blank. When entering multiple applications, clearly separate each with a semicolon and space.

NOTE: This field is generally only necessary for audio, video, and PDF file formats.

Examples:

Access file format: *video/mp4*

Access file requires: *mp4 compliant video player (e.g. Apple QuickTime, Real Player)*

Access file format: *application/pdf*

Access file requires: *pdf-viewing software (e.g., Adobe Reader, Foxit Reader, PDF-XChange Viewer)*

Access file specifications

Attributes:

- Mandatory (completed by WRH staff)
- Non-repeatable
- Public, Non-searchable

Dublin Core equivalent: Format [CDP pg. 42]

Definition: Describes the extent, quality, and compression information about the digital access file.

Usage guidelines: Record the filesize, duration (if necessary), bit depth, color mode, pixel dimensions, resolution, and compression software. Precede each specification with its uniform title, a colon and space. Delimit each specification with a semicolon and space.

Example: *filesize: 125,376 bytes; bit depth: 8; color mode: grayscale; pixel dimensions: 983 x 695; resolution: 150 ppi; compression software: Adobe Photoshop CS4*

NOTE: If cataloging a compound object, leave access file specifications blank at the object level, and enter specifications only at the page level.

NOTE: Disregard the CDP guidelines which say the file size should only be recorded as You may enter file size as bytes, kilobytes, or megabytes. ***Do not use abbreviations such as KB or MB.***

Digitization specifications

Attributes:

- Mandatory
- Non-repeatable
- Public, searchable

Dublin Core equivalent: Digitization Specifications [CDP pg. 45]

Definition: Describes the extent, quality, capture hardware, and compression information about the ***archival master file***.

Usage guidelines: Record the following appropriate information: format, extent, file size, duration, bit depth, color mode, threshold (for black and white scans), pixel dimensions, resolution, capture hardware, and optimization software. Precede each specification with its uniform title, a colon and space. Delimit each specification with a semicolon and space.

Example: *master file format: image/tiff; master file size: 30,000,000 bytes; bit depth: 8; color mode: rgb; pixel dimensions: 5392 x 3925; resolution: 800 ppi; capture hardware: Epson Perfection V750-M Pro; optimization software: Adobe Photoshop CS4*

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NOTE: If cataloging a compound object, only put information common to all files at the object level, and include the number of files comprising the entire object (e.g., *extent: 5 files; capture hardware: Epson Perfection V750-M Pro*).

NOTE: Disregard the CDP guidelines which say the file size should only be recorded as You may enter file size as bytes, kilobytes, or megabytes. ***Do not use abbreviations such as KB or MB.***

Source item specifications

Attributes:

- Mandatory (if applicable)
- Non-repeatable
- Public, searchable

Dublin Core equivalent: Source [CDP pg. 50]

Definition: Information about the physical source item such as location, format, extent, medium, and other physical details.

Catalog the following elements as applicable:

- **holding institution:** name of institution that physically holds the item. This may also be used for privately-held items. **Examples:** *holding institution: private collection of Jerry Anderson; holding institution: private collection of Smith Family, Colfax, WA; holding institution: Asotin County Museum.*
- **location:** physical location where the source item can be found. May be as general as: *museum library, bookshelf, north wall.* Not necessary for private collections.
- **call number:** shelf location number often assigned to items in a library.
- **accession number:** unique id given to museum items as they are donated.

- **object id, barcode, etc.**: unique identifiers that help an institution keep track of its resources.
- **extent and medium**: the number of physical units, and an indication of the medium or format of the item. Try to stick to material terms from the [LCTGM controlled vocabulary](#) used in the **Subject** field. If there is a support medium pictured, you may also want to indicate the material with a preposition.
 - **Example:** *1 painting in wooden frame*
 - **Example:** *2 cassette tapes*
 - **Example:** *1 paper document, 5 pgs.*
- **dimensions**: record *width x height* (as item should be viewed), diameter if round, etc. Abbreviate measurements using the standard for that particular medium (e.g., mm. for film). If measuring both item and support item, indicate this. **Example:** *photograph 8 x 10 in., frame 10 x 12 in.*
- **other physical details**: This could be the color, techniques, processes, number of pages in a document, or more specific indication of material. **Example:** *oil on canvas; b&w; color*

Full example: *holding institution: Enumclaw Public Library; location: west wall; barcode number: 8899664899; extent and medium: 1 drawing on paper; dimensions: 16 x 27 cm.; other physical details: pen and India ink*

NOTE: If cataloging a compound object, enter only the common information at the object level, and the page-level source item description at the page level record.

Rights and Use

Attributes:

- Mandatory
- Non-repeatable
- Public, Non-searchable

Dublin Core equivalent: Rights Management [CDP pg. 62]

Definition: Information about the intellectual property and/or copyright held in and over the resource.

Guidelines: WRH staff will work with you to develop rights statements appropriate for each project. It may be appropriate to draft both item and collection-level statements depending on the nature of your collection.

Example: This image is provided for education and research purposes. Rights may be reserved. Responsibility for securing permissions to distribute, publish, reproduce or otherwise use rests with the user. For additional information see our [Copyright and Use Statement here](#). *From New York State Archives.*

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Example: The materials in this collection are made available for use in research, teaching, and private study. If you have questions about the materials or would like to obtain digital copies of them, contact the North Carolina Collection at the Durham County Library. *From Durham (NC) County Library.*

Project

Attributes:

- Mandatory
- Non-repeatable
- Hidden, Searchable

Dublin Core equivalent: N/A

Definition: An administrative metadata field used by WRH staff and participants to organize, filter, and track projects and item types within the Washington Rural Heritage collection. Not displayed in public view.

Guidelines: Select the appropriate term from the controlled vocabulary.

Examples:

- *2011grant*. An item digitized to meet requirements for the 2011 WRH grant cycle. Note: The year reflects the grant cycle's fiscal year, so an item scanned in early 2012 should be labeled *2011grant*.
- *2011onsite*. An item digitized by WRH staff during a visit to your institution. Year should reflect the date the item was digitized, even if cataloging is taking place at a later time.
- *2012continuing*. An item digitized by your institution, not for the purpose of meeting a grant requirement. Typically used by institutions who already have a published WRH collection.

- *Cmpd.* Include this on the **item-level** record for all compound objects.
 - *Page.* Include this on all **page-level** records within each compound object.
 - *Cmpst.* Use this abbreviation for ***Composite*** on records in which the original item was stitched together from two or more files. For example, a panoramic photo that had to be captured with two scans and merged into one using Photoshop.
 - *Swap.* Include this term whenever the original digital image or file has to be swapped out with a replacement. Include administrative notes in the ***Notes*** field where applicable.
-

Transcript

Attributes:

- Optional
- Non-repeatable
- Hidden, Searchable

Dublin Core equivalent: N/A

Definition: This is the full text of an item.

Usage guidelines: If the item is a relatively brief document (e.g., a handwritten letter), transcribe the text of the document into this field.

NOTE: If the item is printed/typed text (e.g., a newspaper article), its full text can be processed, and the field filled automatically. Contact WRH staff to run OCR (optical character recognition) on the item.

If you have a separate electronic file containing the text of a document (e.g., a Microsoft Word file) you may copy and paste appropriate text into this field ONLY after saving it in ***plain text*** format.

If you would like to import the transcript of an item as a stand-alone digital item within the collection, please contact WRH staff for assistance.

APPENDIX 5. LYRASIS DIGITIZATION COLLABORATIVE TECHNICAL SPECIFICATIONS

PHOTOGRAPHIC PRINTS

- All photographic prints will be scanned in 24-bit color, unless 8-bit grayscale is specifically requested by the member. Prints will be digitized at 400dpi true optical resolution. Full-color TIFFs will be converted to the Adobe 1998 RGB ICC profile upon output. For each scan, the following files will be created:
 - 400dpi archival master TIFF (24-bit color or 8-bit grayscale, uncompressed, lossless)
 - JPEG2000 derivative, lossy, compressed to 1/8 the size of the TIFF master file
- Images will be cropped to the edge of the print (retaining the visible edge of the paper) and deskewed.
- By default, the Service Provider will only scan the front (image side) of each print. The Service Provider will also scan the back of each print if such service is requested. Prints requiring recto / verso scanning must be clearly designated by the Customer. For purposes of compensation, the Service Provider will count the back of the print as an additional scan.

NON-MICROFILM TRANSMISSIVE FILM

- All non-microfilm transmissive materials will be scanned in 48-bit color unless a lower color depth is requested by the Customer. Film will be digitized at the following resolutions:
 - 35mm mounted slides and negatives: 5,000 dpi true optical resolution
 - 60mm (medium format) negatives / transparencies: 3,200 dpi true optical resolution
 - 4x5 negatives / transparencies: 2,040 dpi true optical resolution
 - 5x7 & 8x10 negatives / transparencies: 2,000 dpi true optical resolution
- TIFF master files will be converted to the Adobe 1998 RGB ICC profile upon output. For each scan, the following files will be created:
 - Archival master TIFF (resolution as above, 48-bit color, uncompressed, lossless)
 - JPEG2000 derivative, lossy, compressed to 1/8 the size of the TIFF master file
- Images will be cropped to the edge of the film frame (retaining the visible edge of the frame) and deskewed. By default, no automated dust / scratch removal algorithms will be used.

MICROFILM BOOKS AND NEWSPAPERS

- Each roll of microfilm will be scanned in 8-bit grayscale at the maximum optical resolution possible, between 300 and 400dpi, relative to the physical dimensions of the original item rather than the microfilm. The following files will be created:
 - 300-400dpi archival master TIFF (8-bit grayscale, uncompressed)
 - JPEG2000 derivative
 - Searchable PDF with hidden text (compatible with Acrobat 5.0, downscaled to 150dpi and using a “Medium” or 40 quality setting)
 - Text file of OCR output

ARCHIVAL DIGITIZATION

(manuscripts, loose items, scrapbooks, maps, oversize bound books/newspapers, fragile books):

- Highest native dpi (300-600 dpi) achievable based on physical size of item and digitization equipment capabilities
- 24-bit color output (bitonal/grayscale can be provided instead upon request)
- 4 formats for deliverables:
 - Tiff
 - JP2 (highest level lossy)
 - PDF w/ OCR
 - OCR to text for printed materials (can be provided for photographs/manuscripts upon request)

REGULAR PRINTED BOOKS

- DPI is relative to size of item
 - 8.75" (21.5cm) x 5.5" (14cm) - 500 PPI or greater
 - 10.75" (27cm) x 8.75" (17cm) - 400 PPI or greater
 - 16" (40cm) x 9.25" (23cm) - 300 PPI or greater
- Largest: 9.25" page width x 16" page height; Smallest: 3" x 3"

OTHER MATERIALS

- Specifications for audio and video are determined on a project basis, but general specifications are available from:
 - American Library Association, Association for Library Collections & Technical Services, *Minimum Digitization Capture Recommendations* (2013). Available from <http://www.ala.org/alcts/resources/preserv/minimum-digitization-capture-recommendations>
 - Federal Agencies Digitization Guidelines Initiative, Audio Visual Working Group. Draft guidelines (under development as of September 2013) available from <http://digitizationguidelines.gov/guidelines/>

Digitization Collaborative

Digitize your archival materials and save

There has never been a better time to carefully and affordably digitize your manuscripts, archives, photographs, maps and large format materials. LYRASIS also offers preservation-quality microfiche scanning services to members.

Let Us Do the Work

Our LYRASIS experts guide you through the entire process and your collections are carefully digitized by a trained staff member from our expert service provider partners.

High-Quality Digitization

Materials are digitized in high quality and full color, optimal for zooming in. Printed materials are OCRed for keyword searching.

Program Benefits

Participating in the Collaborative saves time and money. LYRASIS member support and economies of scale enable the collaborative to provide these important benefits to participants:

- ◆ Centralized Coordination: staff facilitates all phases of digital projects including selection, shipping and digitization.
- ◆ Digital files:
Contributors may receive a variety of file formats:
 - TIFF Uncompressed
 - JPEG2000 derivative
 - Searchable pdf
 - Text file of OCR output
- ◆ Ease of Billing: Members can use their funds deposited with their My LYRASIS account or be invoiced.
- ◆ Members have exclusive control over how they make their content available.



Alabamian Oct 1938, image courtesy of the Milner Archives, University of Montevallo

"Partnering with LYRASIS'
Digitization efforts, we (University of Montevallo) were able to scan three decades worth of college newspapers efficiently and affordably. Previously lacking any index or access point, this resource has been transformed, overnight, from a researcher's headache to a valuable tool for exploring our campus."

Carey W. Heatherly

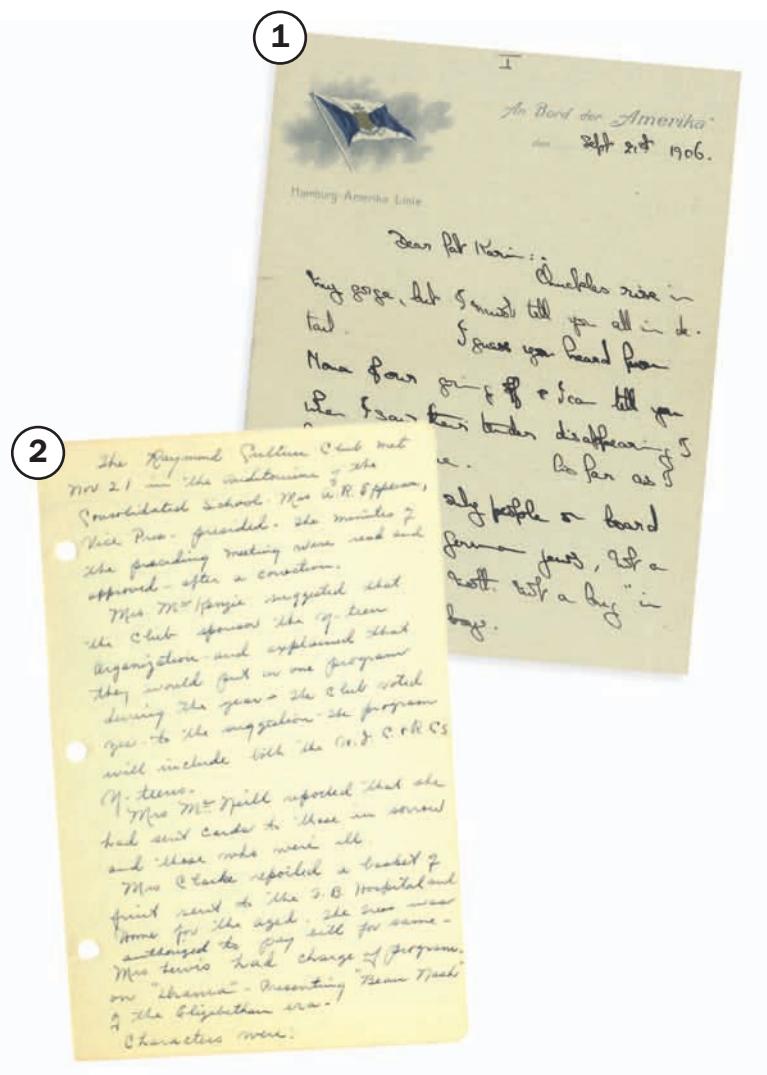
Assistant Professor
Reference Librarian and Archivist
Carmichael Library
University of Montevallo



To learn more about the Digitization Collaborative use your QR Reader app.

Learn more about the LYRASIS Digitization Collaborative by using the keywords to the right at www.lyrasis.org.

To learn more about the LYRASIS Digitization Collaborative and digitizing archival collections, visit www.lyrasis.org/digitize or contact Laurie Gemmill Arp at laurie.arp@lyrasis.org, or **800.999.8558 x 2908**.



(1) Scanned page of a letter from the collection of Mary Whitall Worthington, 1906, image courtesy of Bryn Mawr College Special Collections

(2) Raymond Culture Club minutes, image courtesy of Raymond Culture Club and Hinds Community College

Visit www.lyrasis.org/diginfo to register for free info sessions.

digitization collaborative



Digitization Collaborative

Digitization is now EASY and AFFORDABLE

There has never been a better time to digitize

Let Us Do the Work

Our experts guide you through the entire process and your collections are carefully digitized by a trained staff.

Pricing

The Collaborative makes digitization more affordable for all sizes of projects and offers member and non-member pricing.

High-Quality Digitization

Books are digitized cover to cover in full color, optimal for zooming in. Books and microfilm are OCRed for keyword searching.

Fast Turnaround Time

In many cases your collections are scanned and available on the Internet Archive in a few weeks. This is especially important for sharing results with stakeholders and funding sources.

Share Your Collections with the World

Your valuable content is hosted, preserved, and available in multiple formats through a partnership with the Internet Archive. With a comprehensive and user-friendly interface, the Archive lets you share your library's collections with historians, researchers, and the general public from across the globe.



(1) Scanned page from The Dart 1932, image courtesy of Lycoming College, Snowden Library

(4) Scanned page from The Triangle 1939, image courtesy of the Southern Adventist University McKee Library

(2) Scanned page from Dominici Macri Melitensis Hierolexicon, image courtesy of the Gumberg Library, Duquesne University

(5,6) Scanned pages from Magee's Illustrated Guide of Philadelphia

(3) Scanned page from North Georgia College Undergraduate Bulletin, image courtesy of the North Georgia College & State University, Library Technology Center

(7) Scanned page from Memoirs Illustrative of the Art of Glass-Painting, images courtesy of the Philadelphia Museum of Art Library

Program Benefits

Participating in the Collaborative saves time and money. LYRASIS project management support and negotiated pricing from partners enables the Collaborative to provide these important benefits to participants:

- ◆ **Centralized Coordination:** Staff facilitates all phases of digital projects including selection, shipping, and digitization.
- ◆ **Visibility:** A separate collection is available on the Internet Archive website.
- ◆ **Digitization:** Internet Archive and Creekside Digital perform the digitization of content.
- ◆ **Preservation:** If content is loaded into the Internet Archive after digitization, files are backed up and migrated as necessary to ensure bit preservation and accessibility.
- ◆ **Digital Files:** Contributors download copies of the digital files.
- ◆ **Ease of Billing:** Members can use funds deposited with their My LYRASIS Account.

Sample Contributor Landing Page

This screenshot shows a sample contributor landing page for the Carnegie Library of Pittsburgh on the Internet Archive. The page displays a list of recently added items, including titles like "Railway master mechanis" and "The street railway review (Volume 10)". It also includes links for browsing by title or author, and a section for recently reviewed items.

Item Metadata and View Options

This screenshot shows a detailed view of an item from the Internet Archive, specifically "Railroad digest (1901)". It provides extensive metadata including author (Car. Journal Publishing Co.), volume (Volume 11), subject (Railroads; Locomotives; Railroad cars), publisher (New York : Car. Journal Pub. Co.), and language (English). It also shows the call number (B2441020), collection (American Libraries), and book contributor (Carnegie Library of Pittsburgh).

Services/benefits for each project include:

- ◆ Project coordination
- ◆ Selection assistance
- ◆ Deposit accounts for ease of billing
- ◆ Full online functionality: including digitization, OCR, file hosting, bit preservation, and tools

LAURIE GEMMILL ARP
Digitization Program Manager
laurie.asp@lyrasis.org
800.999.8558 x2908

Visit our website at:
www.lyrasis.org/digitize

Sign up for a free online infomation session at:
www.lyrasis.org/diginfo

See collection online at:
www.archive.org/details/lyrasis

Learn more about the LYRASIS Digitization Collaborative by using the keyword to the right at www.lyrasis.org.

digitization collaborative



GLOSSARY

For additional terms not defined here, see:

Pearce-Moses, R. (2012). *Society of American Archivists: Glossary of archival and records terminology*. Retrieved from <http://www2.archivists.org/glossary>

ADMINISTRATIVE METADATA

metadata used for the administration of a collection or digital object. May include acquisitions information, provenance, use restrictions, access restrictions, copyright ownership, citation information, and general processing information.

API (APPLICATION PROGRAMMING INTERFACE)

a set of functions or routines that can be used to allow communication between applications. In a Web environment, published APIs allow the creation of “mashups” incorporating elements of one Web service into another unrelated site.

ARCHIVAL OBJECT

a digital object intended for long-term preservation. Current best practices for archival objects with respect to still images call for uncompressed TIFF (Tagged Image/Interchange File Format) or another uncompressed, nonproprietary format, such as JPEG2000. Sometimes called the “digital master” or “master image.”

COLLECTION

a group of resources brought together by shared content, provenance, ownership, subject, etc. Digital objects can simultaneously belong to multiple collections.

COMPRESSION

the re-encoding of data to make it smaller. May be “lossy,” discarding information from the original file, or “lossless,” which preserves the original information.

CONTENT STANDARD

community-specific guidelines for metadata creation. Content standards may address the type of information included in specific metadata elements as well as the format and punctuation of those elements. Examples include the AACR2r (Anglo-American Cataloging Rules, 2nd edition, revised), RDA (Resource Description and Access), and DACS (Describing Archives: A Content Standard).

CONTROLLED VOCABULARY

a list of terms that may be used to describe resources in order to ensure consistency and improve information retrieval. Examples of controlled vocabularies include Library of Congress Subject Headings and Name Authorities, the Getty Art and Architecture Thesaurus, and the Nomenclature for Museum Cataloging. Controlled vocabularies can also be developed and maintained at a local level.

DERIVATIVE IMAGE

an image that has been created from another image. Usually involves a loss of information. Techniques to create derivative images include sampling to a lower resolution, using lossy compression techniques, or altering an image with image manipulation software during image processing.

DESCRIPTIVE METADATA

metadata primarily intended to serve the purposes of discovery, identification, and selection. Includes elements similar to traditional bibliographic information, such as author/creator, title, subject, and date, but may also include descriptions, transcriptions, coordinates, and user-generated elements such as tags.

DIGITAL ASSET MANAGEMENT SYSTEM (DAMS)

a software system, frequently in the form of a database, used to organize and process digital assets like images, documents, and audio and video files. See attached list for common systems.

DIGITAL OBJECT

an item or resource in digital format. May be the result of digitization or may be “born digital.”

DIGITIZATION

the conversion from printed paper, film, or other media formats to an electronic format where an object is represented as either black and white dots, color or grayscale pixels, or 1s and 0s.

DPI (DOTS PER INCH)

a measure of print resolution, i.e., how many individual dots are produced within one linear inch.

DUBLIN CORE

set of metadata elements created to facilitate the discovery of electronic resources, maintained by the Dublin Core Metadata Initiative (DCMI). The Dublin Core Element Set consists of the original 15 core elements developed for use with HTML and has been defined in ANSI/NISO Standard Z39.85-2012 and ISO standard 15836:2009. Additional metadata terms are defined at
<http://dublincore.org/documents/dcmi-terms/>

ENCODED ARCHIVAL DESCRIPTION (EAD)

a standard used to mark up (encode) archival finding aids in a manner that reflects the hierarchical nature of archival collections and that provides a structure for describing the whole of a collection, as well as its components

FILE FORMAT

the underlying structure of a digital file, often characterized by its extension (e.g., .pdf, .jpg, etc.).

Different types of files, such as text, images, audio, etc. require different formats. Some formats use compression to minimize file size, while others preserve all the information in the original.

GRAYSCALE

an image mode that captures 256 shades of gray (8-bit). Every pixel of a grayscale image has a brightness value ranging from 0 (black) to 255 (white). Grayscale mode is commonly used in scanning black and white photographs.

HARVESTER

a client application that issues OAI-PMH requests. A harvester is operated by a service provider as a means of collecting metadata from repositories.

INSTITUTIONAL REPOSITORY

software and associated tools used to capture, structure, provide access to, and preserve digital materials produced by an organization or community.

INTEROPERABILITY

the ability of multiple systems, using different hardware and software platforms, data structures, and interfaces, to communicate, exchange, and share data. See also OAI-PMH and Z39.50.

JPG, JPEG

Joint Photographic Experts Group, or an image file format commonly used for photographs, based on a standard developed by that group. JPEG2000 is a newer standard based on different technologies.

MARC

Machine-Readable Cataloging. Data structure standard used in Integrated Library Systems (ILS) for Online Public Access Catalogs (OPACs).

METADATA

structured information that describes, explains, locates, and otherwise makes it easier to retrieve and use an information resource.

METADATA CROSSWALK

a authoritative mapping from the metadata elements of one scheme to the elements of another.

METADATA HARVESTING

a technique for extracting metadata from individual repositories and collecting it in a central catalog to facilitate search interoperability. See also OAI-PMH

METADATA SCHEME

a set of metadata elements and rules for their use that has been defined for a particular purpose. A metadata scheme only dictates what metadata elements are allowed, not what they contain, and so is necessary but not sufficient to ensure interoperability. Examples include MARC, MODS, Dublin Core, EAD, and many others.

MIGRATION

a digital preservation technique to preserve the integrity of digital files by transferring them across hardware and software configurations and subsequent generations of computer technology.

OAI-PMH

The Open Archives Initiative's Protocol for Metadata Harvesting, an application-independent interoperability framework based on metadata harvesting, maintained by the Open Archives Initiative.

OCR

Optical Character Recognition, a process that produces a page of text from an image file. Accuracy rates vary greatly depending on the quality of the image.

PERSISTENT URL (PURL)

a Uniform Resource Locator (URL) associated with a service that will redirect the URL to a resource, even if the resource's location changes.

PIXEL

short for picture element, the building block of digital images. Each pixel can represent a number of different shades or colors, depending on how much storage space is allocated for it.

PPI (PIXELS PER INCH)

resolution of a computer display, image scanner or digital camera, measured in terms of the number of pixels displayed per linear inch of display.

PRESERVATION METADATA

metadata primarily intended to help manage the process of ensuring the long-term preservation and usability of digital information resources.

QUALITY CONTROL

techniques used to ensure that high quality is maintained through the various stages of digitization.

REPOSITORY

a storage system for digital resources and/or metadata, such as a DAMS. In OAI-PMH, a network accessible server that can process OAI-PMH requests.

RESOLUTION

the number of pixels (in both height and width) making up an image. The more pixels, the higher the resolution; the higher the resolution, the greater the file size. Can be expressed as a ratio (640 x 480 pixels) or in terms of pixels per inch (ppi).

RIGHTS METADATA

metadata primarily intended to enable the management of rights related to information resources; a type of administrative metadata.

STRUCTURAL METADATA

metadata that describes the internal organization of a resource and its place in an external organization, including any relationships it has with other resources.

SURROGATE

a secondary object meant to substitute for the original, such as a metadata record used in place of the original physical object or a digital image used in place of a three-dimensional object.

TECHNICAL METADATA

metadata primarily intended to document the creation and characteristics of digital files.

TIF, TIFF

Tagged Image File Format, an industry standard image file format. Uncompressed, originally developed for desktop publishing. 1 to 64 bit depth, used mostly for high quality imaging and archival storage.

UNIQUE IDENTIFIER

a name or number that unambiguously identifies an item within a repository or database. Unique identifiers can be self-describing (e.g., ISBNs) or assigned.

URI

Uniform Resource Indicator, a formatted string that serves as an identifier for a resource, typically on the Internet. The most common type of URL is the URL (Uniform Resource Locator) used in HTML.

COMMON DIGITAL ASSET MANAGEMENT SYSTEMS

ArchivalWare

Web-based, full-text search and retrieval system for digital libraries. Proprietary. Developed and sold by Progressive Technology Federal Systems, Inc. (PTFS). Previously licensed by SirsiDynix and sold under the names SirsiDynix Digital Library and Horizon Digital Library.

URL: <http://www.archivalware.net/>

ArchivesSpace

Web application to manage descriptive information for archives, manuscripts, and digital objects designed to incorporate the best features of Archivist's Toolkit (AT) and Archon. Open source; currently in alpha release (version 1.0 originally scheduled for delivery in September 2013). Primary institutional partners are the New York University Libraries, UC San Diego Libraries, and the University of Illinois Urbana-Champaign Libraries. Management services provided by LYRASIS. Hosting options are expected to be provided by LYRASIS.

URL: <http://www.archivespace.org/>

Archon

Archon is a unified platform for archival description and access. It provides both a way to record descriptive information about collections and digital objects and a means to view, search, and browse that information in a fully-functional public web site. Open source. Developed by the University of Illinois at Urbana-Champaign Library. As of 2013, scheduled to be deprecated in favor of ArchivesSpace.

URL: <http://www.archon.org/>

Blacklight

An open source Ruby on Rails gem that provides a discovery interface for any Solr index. Blacklight provides a default user interface which is customizable via the standard Rails (templating) mechanisms. Blacklight accommodates heterogeneous data, allowing different information displays for different types of objects. The University of Virginia, Stanford University, Johns Hopkins University, and WGBH are the principal contributors to the code base. Active user community.

URL: <http://projectblacklight.org/>

CONTENTdm

High-performance storage and retrieval software for multimedia collections. Proprietary. Developed and sold by OCLC. Active user community.

URL: <http://www.contentdm.org/>

DigitalCommons

Hosted institutional repository software for universities, colleges, law schools, and research centers. Proprietary. Developed and sold by bepress.

URL: <http://digitalcommons.bepress.com/>

DSpace

Turnkey institutional repository software. Open source. Available as a local installation or, as of 2013, as a hosted service (DSpaceDirect) supported and sold by DuraSpace. Active user community.

URL: <http://www.dspace.org/>

URL: <http://www.dspspacedirect.org/>

Fedora Commons

Framework for building institutional repositories. Open source. Available as a local installation; interface options include Hydra and Islandora. Supported by DuraSpace. Active re-development in progress as part of the Fedora Futures project. Active user community.

URL: <http://www.fedora-commons.org/>

Hydra

Components that let institutions deploy robust and durable digital repositories (the body) supporting multiple “heads”: fully-featured digital asset management applications and tailored workflows. Its principle platforms are the Fedora Commons repository software, Solr, Ruby on Rails and Blacklight. Available as a local installation. Open Source. Key partners include DuraSpace, Stanford University, the University of Hull, the University of Virginia, and MediaShelf.

URL: <http://projecthydra.org/>

Islandora

Institutional repository system based on Fedora Commons, Drupal, Solr, and additional applications. Open source. Available as a local installation. Originally developed by the University of Prince Edward Island's Robertson Library. Active user community.

URL: <http://islandora.ca/>

MWeb

Family of products for creating online catalogs of data, images, and media, with searching optimized for complex cultural data. Proprietary. Developed and sold by Selago Design, Inc. Licensed to Museum Software, Inc. and re-sold as PastPerfect Online.

URL: <http://www.systemsplanning.com/mweb/default.asp>

OpenJournalSystems (OJS)

Journal management and publishing system developed by the Public Knowledge Project. Open source. Available as a local installation; hosted options available from PKP Publishing Services. Key participating institutions include Simon Fraser University, the School of Education at Stanford University, the University of British Columbia, the University of Pittsburgh, the Ontario Council of University Libraries, and the California Digital Library.

URL: <http://pkp.sfu.ca/?q=ojs>

Omeka

Web-publishing platform for the display of library, museum, archives, and scholarly collections and exhibitions. Open source. Available as a local installation; hosted options available from the Corporation for Digital Scholarship (omeka.net). Developed by the Roy Rosenzweig Center for History and New Media, George Mason University. Active user community.

URL: <http://omeka.org/>

PastPerfect

Collection management and cataloging software primarily developed for museums. Proprietary. Includes four separate catalog options - Objects, Photos, Archives, Library. The PastPerfect Basic Program does not include the ability to attach images. The Multi-Media upgrade must be purchased separately.

Developed and sold by PastPerfect Software, Inc. A partnership with the American Association for State and Local History allows the *Nomenclature 3.0* object classification system to be incorporated in the software, and AASLH members receive a discount on software licenses. Active user community.

URL: <http://www.museumsoftware.com/>

PastPerfect Online

Web publishing export tool that allows PastPerfect catalogs to be exported to hosted MWeb websites. Proprietary. Setup fee plus annual hosting fee.

URL: <http://www.museumsoftware.com/pponline.html>

PastPerfect Virtual Exhibit

Virtual Exhibit converts selected collection records and images from PastPerfect into HTML pages for posting online.

URL: <http://www.museumsoftware.com/ve5.html>

Plinkit

Template-based web site creation toolkit based on Plone content management system. Open source.
Available as a local installation; hosted options are available from various state library collaborative.
Online Photography Exhibits can be included.

URL: <http://www.plinkit.org>