

User-Centered Collaboration for Archival Discovery

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Session 403 / #s403

SAA 2017

Portland, Oregon

User-Centered Collaboration for Archival Discovery

10:00 - 10:30 Presentations

- Archival Discovery at NYU
- ArchivesSpace Public User Interface
- ArcLight

10:30 - 11:00 Facilitated group discussion

Presenters and Facilitators

Chair: Mark Matienzo, *Collaboration & Interoperability Architect, Stanford University Libraries*

James Bullen, *Founder, Hudson Molonglo*

Wendy Hagenmaier, *Digital Collections Archivist, Georgia Institute of Technology*

Emilie Hardman, *Research, Instruction, and Digital Initiatives Librarian, Harvard University*

Susan Pyzynski, *Associate Librarian of Houghton Library for Technical Services, Harvard University*

Mike Shallcross, *Assistant Director for Curation, University of Michigan Bentley Historical Library*

Sally Vermaaten, *Manager, Archive Solutions, Gates Archives*

Archival Discovery at NYU

Finding Aids 'Bridge'



Sally Vermaaten
Gates Archive

2013

NEW YORK UNIVERSITY LIBRARIES

Search Finding Aids

Use the search box to search finding aids for any or all of these collections:

- The Fales Library & Special Collections
- The Tamiment Library & Robert F. Wagner Labor Archives
- New York University Archives
- New-York Historical Society

Search for
 in **All Collections** ▼

[Submit Search Query](#)

Tips for Searching

By default, the search engine will return items with ALL of your search terms. If you would like to see finding aids with *either* of two or more search terms, use the OR operator.

NEW YORK UNIVERSITY LIBRARIES

Your query:

Search string:

Archive:
The Tamiment Library ▼

[Re-Submit](#) | [Re-Start](#)

Browse Results by...

Places
New York (State)-New York, (2)
Document Type
Correspondence, (2)

Search results: 1123 Finding Aids: The Tamime

Guide to the Elizabeth Gurley Flynn Joe Hill Case Papers 1915-132.04

Elizabeth Gurley Flynn (1890-1964) was a leading Irish-American Communist, socialist, feminist and campaigner for civil liberties. Joe Hill (1870-1915), labor songwriter and member of the I.W.O., was convicted of murder after a politically charged trial and executed by the State of Utah in 1915. The collection contains prison letters to Flynn, a letter to William D. Haywood, Hill's "My letters from defense attorney O.N. Hilton, lyrics of a song by Hill for Flynn's son, Fred ("To Broke clippings scrapbook about the case, "Joe Hill Murdered," and a memorial program.

Guide to the Women Writing Women's Lives Records 1989-2008 #316


Founded in 1990, Women Writing Women's Lives is an ongoing seminar of about sixty women of length biographies and memoirs, affiliated with the Center for the Study of Women and Society, Humanities at the Graduate Center of the City University of New York. Members meet monthly to discuss, share ideas, and hear about the work of outside presenters. The collection consists of subject files, and notes and lectures from the group's monthly meetings.

Guide to the Sidney Eisenberger Autobiographical Manuscript: Campus: Recollections and Comments of a Former Communist

NEW YORK UNIVERSITY LIBRARIES

Table of Contents

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- [Historical/Biographical Note](#)
- [Scope and Content Note](#)
- [Arrangement](#)
- [Restrictions](#)
- [Access Points](#)
- [Administrative Information](#)
- [Container List](#)

**THE TAMIMENT LIBRARY & ROBERT F. WAGNER LABOR ARCHIVES**

Guide to the Women Writing Women's Lives Records 1989-2008 #316

Elmer Holmes Bobst Library
70 Washington Square South
New York, NY, 10012
(212) 998-2630
gail.malngreen@nyu.edu

Tamiment Library / Wagner Archives
Collection processed by Hillel Arnold
This finding aid was produced using the Archivists' Toolkit 2010-11-02T16:15-0400 UTC

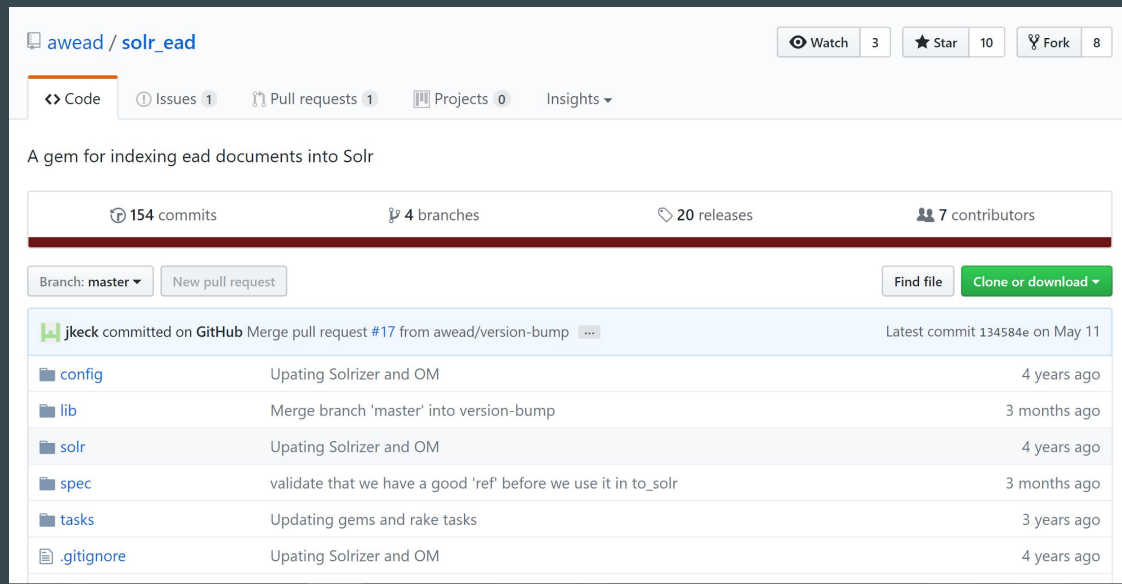
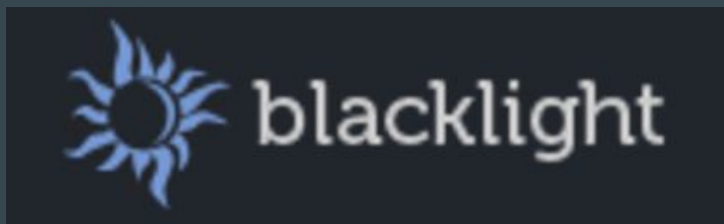
Descriptive Summary

Title: Women Writing Women's Lives Records
Dates: 1989-2008
Abstract: Founded in 1990, Women Writing Women's Lives is an ongoing seminar of length biographies and memoirs, affiliated with the Center for the Study of Women and Society, Humanities at the Graduate Center of the City University of New York. Members meet monthly to discuss, share ideas, and hear about the work of outside presenters. The collection consists of subject files, and notes and lectures from the group's monthly meetings.

2013 - Methods

- Literature review
- Ideation workshop and affinity grouping
- Peer system assessment
- High-level requirements
- Personas (started)

Proof of concept



Prioritizing discovery with other system needs

1. Archival search and browse - Blacklight
2. Collection management - ArchivesSpace
3. Request and workflow management - Aeon
4. Special collections discovery - ???

Bridge to a better user experience

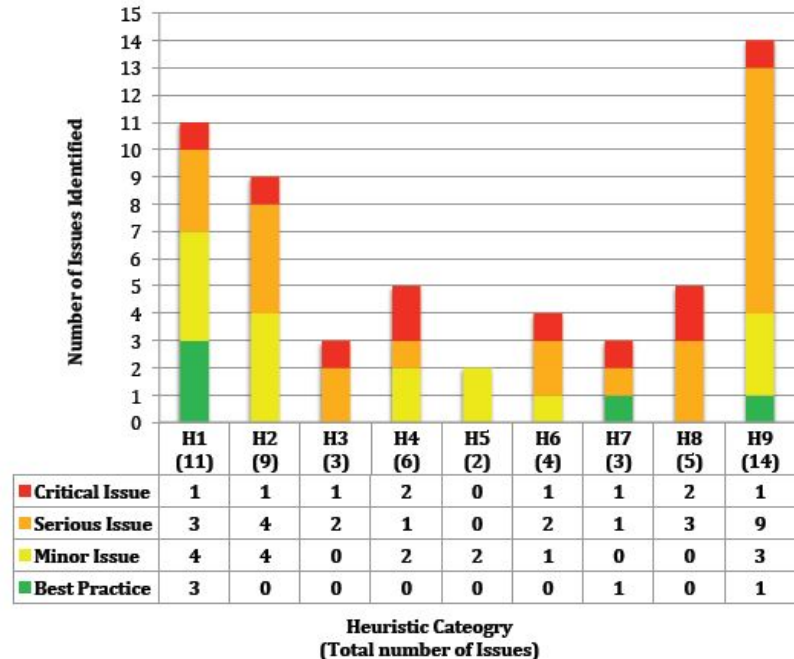
The screenshot shows the NYU Libraries Archival Collections search page. The header is purple with the NYU Libraries logo. Below the header, there's a navigation bar with 'NYU Libraries > BobCat > Archival Collections > Search'. A 'Login' button is in the top right. The main content area is divided into a left sidebar, a central search area, and a right sidebar. The left sidebar, titled 'LIMIT MY RESULTS', has a 'Library' filter set to 'Tamiment Library & Wagner Labor Archives' with 109,223 results. Other filters like 'Digital Content', 'Creator', 'Date Range', 'Subject', 'Name', 'Place', and 'Language' are listed. The central search area, titled 'Archival Collections', has a search bar with 'daily worker negatives' and a 'Search' button. Below the search bar are links for 'Advanced Search' and 'New Search'. The right sidebar has 'My Workspace' with a 'Search History' link and 'Need Help?' with a 'Search Tips' link. At the bottom, there's a result preview for 'The Daily Worker and The Daily World Negatives Collection' with format and date range information.

The screenshot shows a finding aid page for the Tamiment Library & Robert F. Wagner Labor Archives. The header is white with a red logo and the text 'THE TAMIMENT LIBRARY & ROBERT F. WAGNER LABOR ARCHIVES'. Below the header is a 'Guide to the Daily Worker and Daily World Negatives Collection PHOTOS.223.001'. The page is divided into a left sidebar and a main content area. The left sidebar, titled 'Table of Contents', lists various sections: Descriptive Summary, Historical/Biographical Note, Scope and Content Note and Arrangement, Access Points, Administrative Information, and Container List. The main content area has a 'Print / View Finding Aid as Single Page' link. It contains a 'Descriptive Summary' section with fields for 'Creator', 'Title', 'Dates [inclusive]', 'Dates [bulk]', and 'Abstract'. The 'Abstract' field contains a long text describing the collection's history and its role as the official organ of the Communist Party, USA.

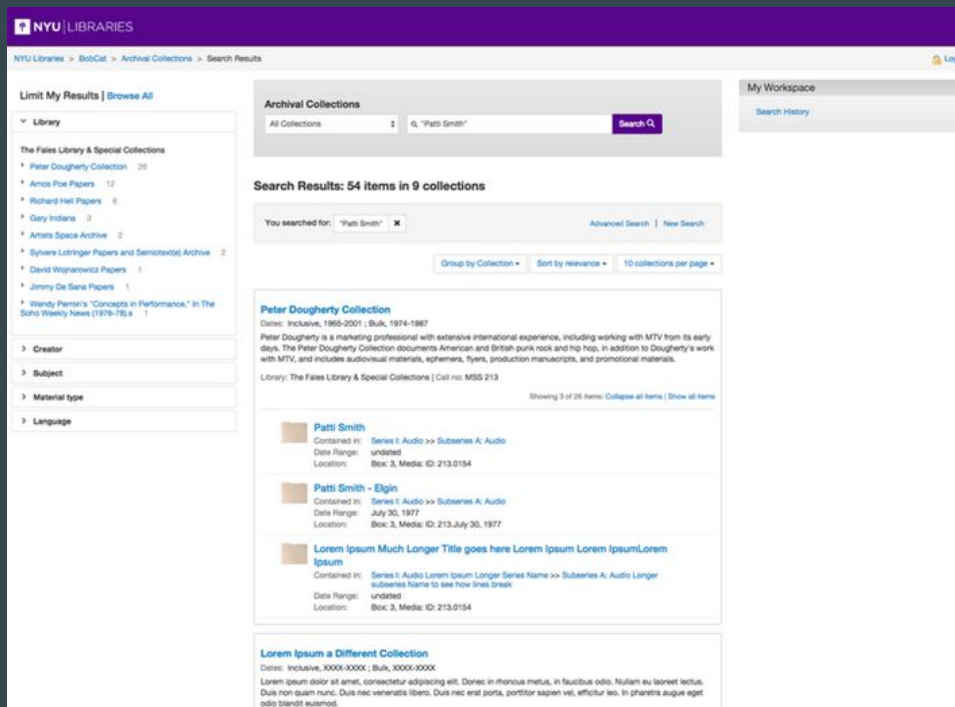
Methods - Heuristic evaluation

H2	Language The interface should speak the users' language, with words, phrases, and concepts familiar to the user rather than system-oriented terms. Follow real-world conventions, making information appear in a natural and logical order.	Q1: Is the language used on the site easy to understand? Q2: Is the terminology consistent, both within the Archival Collections Finding Aid and compared with BobCat?
H3	User Control Users often choose interface functions by mistake and will need a clearly marked "emergency exit" to leave the unwanted state without having to go through an extended dialogue. Supports undo and redo.	Q1: When the user makes errors, is it easy to exit the unwanted state without going through unnecessary dialogue?
H4	Cognitive Load The user should not have to remember information from one part of the dialogue to another. Instructions for the use of the system should be visible or easily retrievable whenever appropriate.	Q1: Are actions, options and objects always visible without the user having to remember them? (e.g. list of previous searches).
H5	Flexibility & Efficiency Accelerators improve efficiency for interactions performed frequently (e.g. redo a previous search).	Q1: Are accelerators used on the site?
H6	Aesthetic Dialogues should not contain information that is irrelevant or rarely needed.	Q1: Is irrelevant or unnecessary information minimized?
H7	Errors Dialogues should not contain information that is irrelevant or rarely needed.	Q1: Are errors prevented by confirmation options? Q2: Are error messages constructive and in plain language?
H8	Help Error messages should be expressed in plain language (no codes), indicate the problem precisely, and suggest a solution constructively.	Q1: Is help documentation easy to find and focused on the task at hand? Q2: Does it contain concrete steps, and is it not too large?

Severity Distribution of Issues per Heuristic Category



Methods - Wireframing and feedback



Prioritizing discovery with other system needs

1. Archival search and browse ✓
2. Collection management - ArchivesSpace
3. Request and workflow management - Aeon
4. Special collections discovery - ???

2017 - Special Collections Discovery System



Takeaway #1

Where possible, share your user assessment data, system evaluations, design artefacts, as well as code. Seek to build on the work of others rather than re-inventing wheels.

Takeaway #2

Identifying and documenting user needs can be both an input into and impetus for software development and improvement projects.

Takeaway #3

Consider proof-of-concept approach and incremental, phased roll outs of different components.

ArchivesSpace Public User Interface User Requirements and Assessment

susan pyzynski

associate librarian for technical services
houghton library, harvard university

emilie hardman

research, instruction & digital initiatives librarian
houghton library, harvard university



HARVARD
LIBRARY

Beginning the Design Process, 2015

- ArchivesSpace starts the process to create a new PUI
- Mark Custer (Yale) agrees to lead the membership driven process
- May: a first call for volunteers goes out, a 14 member working group is formed
- Cherry Hill chosen as the design firm
- June: the PUI Enhancement Working Group has first virtual meeting, design process runs through December 2015



ArchivesSpace PUI Design Working Group

Mark Custer, Yale University, Chair

Susan C. Pyzynski, Harvard University

Linda Hocking, Litchfield Historical Society

Susan Luftschein, Univ. of Southern California

Maura Carbone, Brandeis University

Matt Francis, Penn State University

Mariella Soprano, Caltech

Dara Flinn, Rice University

Cate Putrirskis, Ohio State University

Scott Schwartz, University of Illinois

Cory Nimer, Brigham Young University

Krista Ferrante, MITRE Corporation

Claryn Spies, Yale University

Elisa Piccio, Caltech

Jessica Dowd Crouch, Univ. of South Carolina



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Collaboration

- Virtual meetings every two weeks with the working group and Cherry Hill
- Used GoToMeeting and Slack for the collaborative design process
- Careful documentation of design and decision-making through a public wiki
<https://archivesspace.atlassian.net/wiki/spaces/ADC/pages/6355216/Design+Phase>
- Sought outside comments and contributions
- Reviewed and integrated all past functionality requests from members



First Round of User Testing

- Determined we should incorporate user testing of original ArchivesSpace front end in design process
- Harvard, Rice, and Yale performed user testing in conjunction with Cherry Hill
- Results were incorporated in the final Cherry Hill design
- Decided to do continuous user testing during the development phase of the PUI

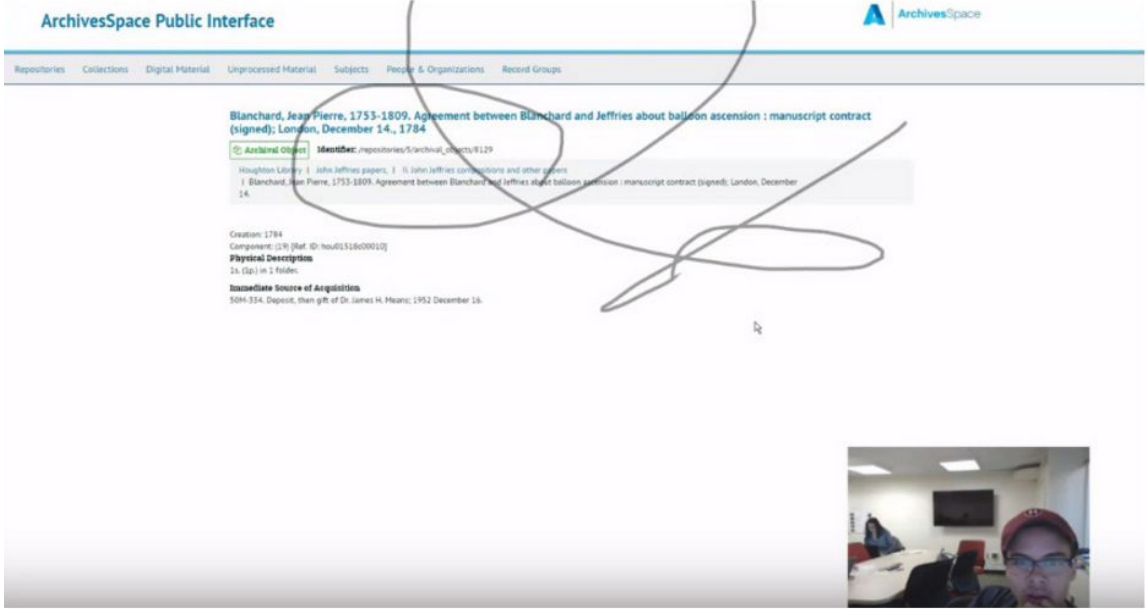


User Testing: PUI Development Phase

- Development phase runs January 2016–June 2017
- Smaller Development Group formed: members from ASpace/Lyrasis, Hudson Molongo, Yale, Harvard
- Harvard volunteers to take the lead in user testing
- User testing carried out: July–November 2016
- Incorporation of test results into development process and decisions



"From the moment I saw the site I was automatically like I'm going to be frustrated and, here, exactly, it's just not giving me the right details."



screengrab illustrating mouse trail of the participant expressing frustration

UX at Harvard



User Research Center (2 FTE, including Senior Consultant)

Trained User Experience Consultants embedded in 7 functional areas through Library



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Methods

Moderated task-based usability testing

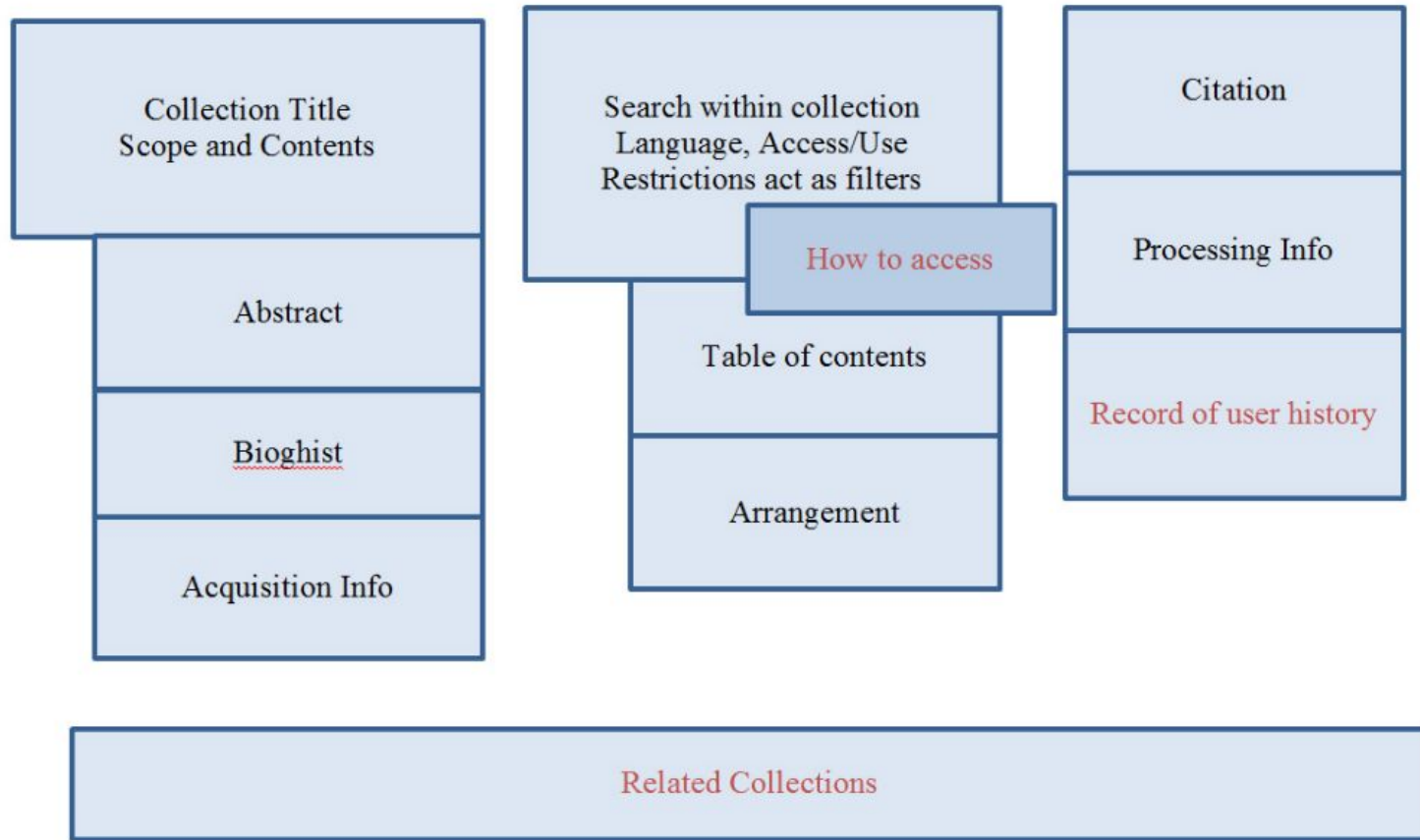
Unmoderated task-based usability testing

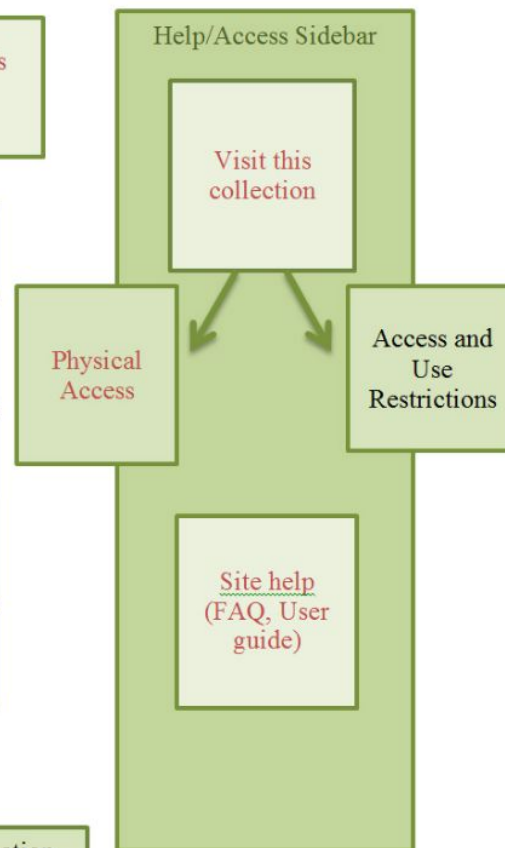
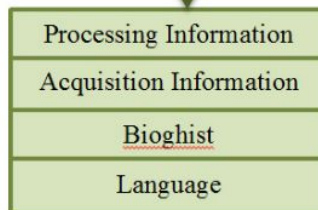
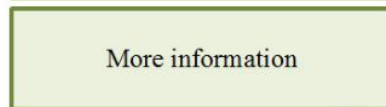
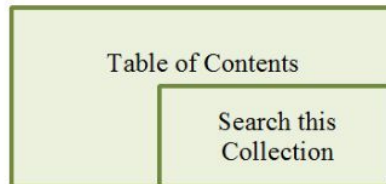
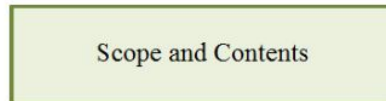
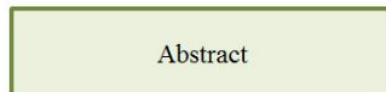
Guided Site Interviews

Card Sort

Modified Card Sort/Vocabulary-generating exercise



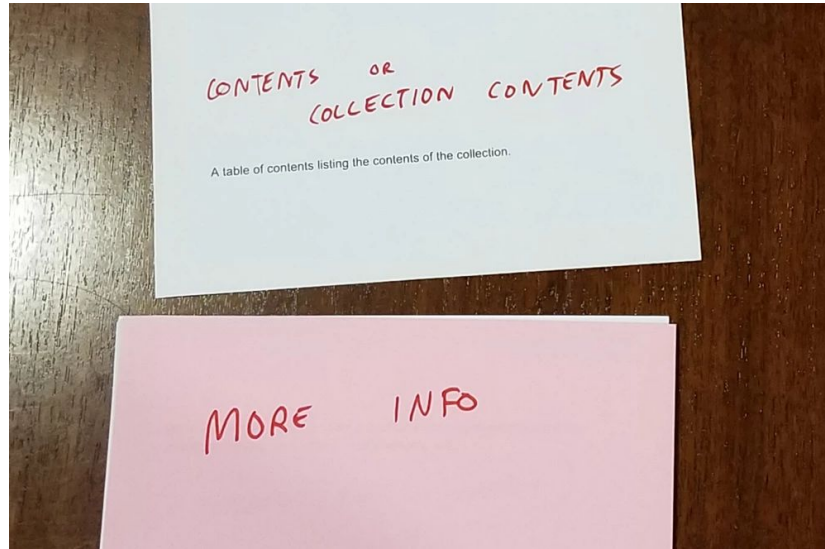




1 RELATED COLLECTIONS (INSANE TO NOT HAVE THIS!!!!)

From Recommendations:

For future development, it may be useful to think about ways that users can interact with the data in ways that offer them more personal and directly useful ways to sort and resort, filter, expand, and further explore.



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ArcLight

illuminating archives

Mark A. Matienzo / @anarchivist / 28 July 2017

Collaboration & Interoperability Architect, Stanford University Libraries

For more information, visit <http://bit.ly/arclightproject>

Description and objectives

- Project initiated by Stanford University in 2014 to address a long-standing interest in discovery/delivery of information in archives
- Support discovery of physical and digital objects
- Compatibility with and intended for integration with other systems, e.g. ArchivesSpace and Hydra-based repositories
- Development, enhancement, and maintenance by the Blacklight/Hydra communities
- **Maintain a community focus throughout the project**

The ArcLight design process

- Process led by 2 UX designers in Stanford Libraries' Digital Library Systems & Services group (Gary Geisler and Jennifer Vine)
- Followed a model for **user-centered design** developed and refined over time (see [DLF 2014 presentation](#))
- **Community-oriented, collaborative design process** was an intentional choice and existed from the beginning
 - Informed by Stanford's participation in open source projects
 - Opportunity for other institutions to identify needs and participate in work
 - Build interest and identify potential commitments for software development

Design process contributors

Individuals

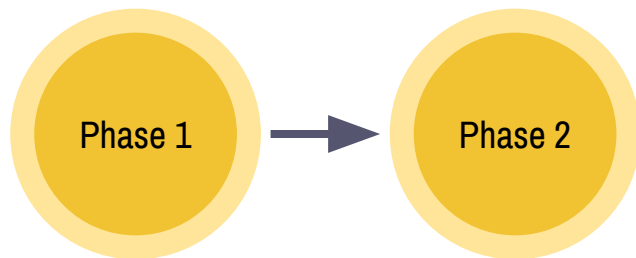
Gary Geisler, Stanford University Libraries
Wendy Hagenmaier, Georgia Tech
Nabeela Jaffer, University of Michigan
Mark Matienzo, Stanford University Libraries
Sarah Newhouse, Chemical Heritage Foundation
Kayla Ondracek, University of Michigan
Chris Powell, University of Michigan
John Rees, National Library of Medicine
Mike Shallcross, University of Michigan
Jennifer Vine, Stanford University Libraries
Laura Wilsey, Stanford University Libraries

Institutions

Bentley Historical Library (University of Michigan)
Chemical Heritage Foundation
Columbia University
Georgia Tech
Getty Research Institute
Indiana University
National Library of Medicine
New York University
Pennsylvania State University
Rockefeller Archives Center
Stanford University
United States Holocaust Memorial Museum
Yale University

Design process components

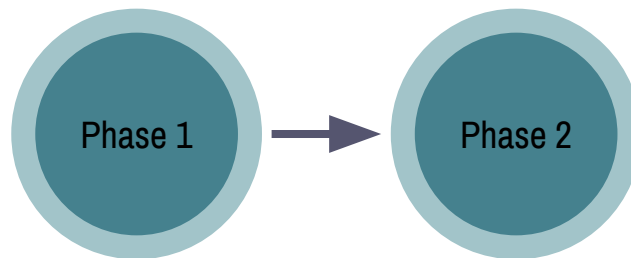
Discovery



Environmental scan
Stakeholder goals
Interview planning

Archivist interviews
End-user interviews
Interview analysis

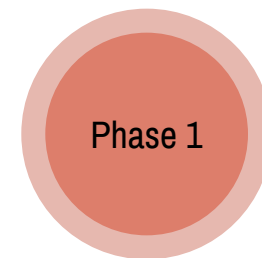
Information Architecture



User needs
User personas
Requirements prioritization

Conceptual models
Conceptual sitemaps
Wireframes

Visual Design



Visual design mockups
Visual design style guide



Tracing user needs

- Idea/need: provide delivery of digital objects in context of description
- Environmental scan: investigate existing implementations and encoding practices
- Interview questions
 - Archivists
 - What proportion of [your repository's collections] are digital archives or have some digital content?
 - Do you have requirements for linking finding aids to digital content? Do you currently do this? How?
 - How would like to see links to digital objects instantiated? In other words, if your finding aid links to a digital image, how would that digital image be displayed? What about other media types?
 - Researchers
 - How important to you is access to the digital content in an archival collection?
 - Do you choose an archival collection based on whether it includes digital content?

Tracing needs: interviews

Sample quotes from interview analysis on user needs

ArcLight, to the extent that it's feasible, we want to give the user access to the digital objects within ArcLight... Pretty straight forward for something like images, even for video...Even an embeddable viewer...at some point. **(Archivist)**

I think the distinctions [where content is stored] are important for us ... for knowing where things are, especially if there is a reprocessing project or we need to verify something. That's what we use our current collections management database for... But probably I feel researchers don't care where things live as long as they can have access to them **(Archivist)**

ArcLight probably can't have an embeddable viewer, accomplish delivery of every file format. The great thing about finding aids, is we have this link. For the most part, for crawls and [digital repository], [you] probably get a better view. **(Archivist)**

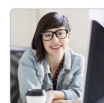
[Access to digital content is] super important if I can't come to the archive. Even if I have the money to go to an archive, I'm only going to look at the stuff that isn't digitized. **(Researcher)**

The other issue, I do think when things are digitized it's easy for them to... get the sense that they're not in a continuum next to other things or in folders or together in a way. Sometimes, it's very crucial how things are or left or either reorganized or whatever it is. The things that are nearby. **(Researcher)**

<http://bit.ly/arclight-design-documents>

Tracking needs: Personas

ArCLight Administrator Persona



Marcia Garza
Systems Archivist
Archival Collections department at an independent research institution

After working as a junior web developer during grad school, Marcia is enjoying her first year working as an archivist. The work is not without its frustrations, however, and she's excited enough about the potential of ArCLight to improve access to the archive's collections that she volunteered to be their first ArCLight administrator. She's more tech-savvy than most of the other archivists here, but she's not a programmer and she's a bit nervous about whether she'll be in over her head.

"I'm more than willing to spend whatever time it takes to configure ArCLight if it will tame the confusion and chaos that currently limits access to our fantastic collection of archival materials."

Frequency of ArCLight use: Daily
Technical proficiency: High. Marcia suffers from repetitive stress disorder and prefers to use only a keyboard.

ArCLight Advanced Researcher Persona



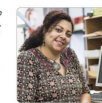
Anna Chandler, Ph.D.
Associate Professor
Department of American Culture at a large public university

Dr. Chandler's research and teaching interests are centered in the Arab and Muslim American Studies Program. She uses physical and digital collections at the archives to introduce her students to primary source materials, and for her own publications and conference presentations. She is experienced with various public access catalogs, finding aid interfaces, and online collections. She frequently takes digital photographs of archival materials with her cell phone, and uses Zotero to manage citations.

"As I'm engaged in both teaching and research, I have to make the most of my time when I'm at the archives. I browse finding aids and access online content when I'm at home or my office while preparing for class or conducting research."

Frequency of ArCLight use: Weekly
Technical proficiency: Moderate

ArCLight Archivist Persona



Coretta Rey
Arrangement and Description Archivist
Special Collections department in a large public university

With 12 years of experience, Coretta is an expert at producing archival metadata. She's passionate about making archival collections discoverable and accessible, but frustrated with workflows that require her to produce description in multiple systems, export to several others, and wait days or months in between. As her repository's backlog of unprocessed hybrid and born-digital collections grows, Coretta is excited about exploring new ways to provide access to digital materials in a user-friendly discovery environment.

"I want to get archival information to the user easily, quickly, and completely—giving researchers streamlined access to all sorts of digital material within ArCLight, as much as possible."

Frequency of ArCLight use: Daily
Technical proficiency: Moderate to high

Motivation	Scenario	Specific Goals
1 Easily customize ArCLight to be institution-specific	When she logs into the ArCLight administration page, Marcia is pleased to find it even more straightforward than the Drupal-based websites she's worked on. She quickly uses a few forms to change the basic appearance of the site to reflect the institution's name, logo, and colors. It doesn't take much more effort to update the site's toolbar, to specify the sequence of the feedback form, and to customize the template of a virtual reading room consent form to reflect the institution's policies.	<ul style="list-style-type: none"> Customize labels and appearance options Add support pages with institution policies, etc. Customize an integrated feedback form Customize a template for a virtual reading room consent form
2 Selectively activate and configure desired features	Despite the efforts of the institution's public service archivists, Marcia has noticed that many researchers don't understand how to effectively use the institution's archives or how to request items from the collections. To help address these issues, Marcia creates support pages that outline her institution's reading room policies, explain how to make digitization requests, and describe the institution's local conventions and descriptive practices.	<ul style="list-style-type: none"> Selectively enable features of interest, such as specific social media features Configure details of complex features, such as content reviews, full-text search, and search results display
3 Configure viewers by content type	Marcia had concerns about how well ArCLight would accommodate some of the idiosyncratic ways the institute describes and makes archival materials discoverable. As she works through the Configuration section of the administrative interface, she finds that many features can be turned on or off, and some features can be configured. She can select to approve only some of the available social media features, for example, associate specific content viewers with different types of content, and make some detailed choices about how search results are displayed. She can also enable and customize some options related to full-text search of digital objects. She sees that some defaults can be overridden at the collection level to fit an archivist can determine whether the settings are appropriate for a given collection.	<ul style="list-style-type: none"> Configure viewers for rendering digital material within (or one-click away from) ArCLight Archivists don't need to revisit collections to make sure the viewers are up to date

Motivation	Scenario	Specific Goals
1 Find primary source materials relevant to pedagogical and research interests	Dr. Chandler is beginning work on an article about the contemporary Muslim-American experience in Detroit. She begins by doing a keyword search across the entirety of the archive's holdings, then facets the results by geographic location and date range. The search results include collections, specific collection components, and digital objects. She selects a new collection, the Midwest Ecumenical Forum record, opens its finding aid, and starts to browse its intellectual hierarchy before conducting several keyword searches within the collection. She bookmarks a few items of possible interest. She returns to the initial results, and selects a relevant folder title from the Nabeel Hassan papers. When the component opens, she sees that it is part of the collection's "Islamic Center" subseries (which in turn belongs to a "Topical Files" series) and that there are no restrictions on access or use of the materials.	<ul style="list-style-type: none"> Employ multiple search/discovery strategies across and within collections Search full text where available Receive search results that include collections, components, and digital content Facet and refine search results Browsenavigate the hierarchy of an archives
2 Request items or digitization in advance of visits to the archives	Dr. Chandler has identified a potentially interesting folder in the Nabeel Hassan papers. She clicks the "Request This" button next to the folder title so that the material will be ready for her next visit to the reading room, and then continues to review the finding aid for relevant content. As she peruses the scope and content notes for a series of "Articles, Manuscripts, and Poems," she realizes that a volume of Hassan's diary will be essential to her research, so she therefore goes to the component in ArCLight and clicks the "Digitization Request" button. By the time she returns to the initial search results, she is alerted to two notifications in her account: the first she requested was ready for her in two days (and will be held at the reading room for a week) and her digitization request has been queued for processing.	<ul style="list-style-type: none"> See clear and unambiguous information regarding applicable use or access restrictions Submit item requests and digitization orders Receive notifications about requests Save collections, components, digital objects to a bookmark list
3 Gain direct access to digital content (as permitted by access/use restrictions)	Dr. Chandler looks her search results to show only digital content and discovers a broad range of relevant information in multiple content types. She notices that items associated with a particular email account in the Khalil Awan papers are restricted to reading room-only access due to copyright issues and makes a note to view them on her next trip to the archives. Moving on, she finds a number of oral histories from Muslim community leaders in the Jawad Manni papers that she can stream remotely in ArCLight via an embedded player. She then turns her attention to some materials that are only accessible to those with institutional affiliations, such as the records of the Midwest University community. After clicking on the item and authenticating using her registered username and password, she gains access to a virtual reading room. She navigates through the directory structure and is able to render common file formats in-browser via an embedded player.	<ul style="list-style-type: none"> Access digital content: directly from finding aid/collection interface, from various sources (pdfs, Audio, ePdfs, etc.), in-browser as much as possible Easily find information regarding access/use restrictions including copyright Access the virtual reading room for materials with access/use restrictions

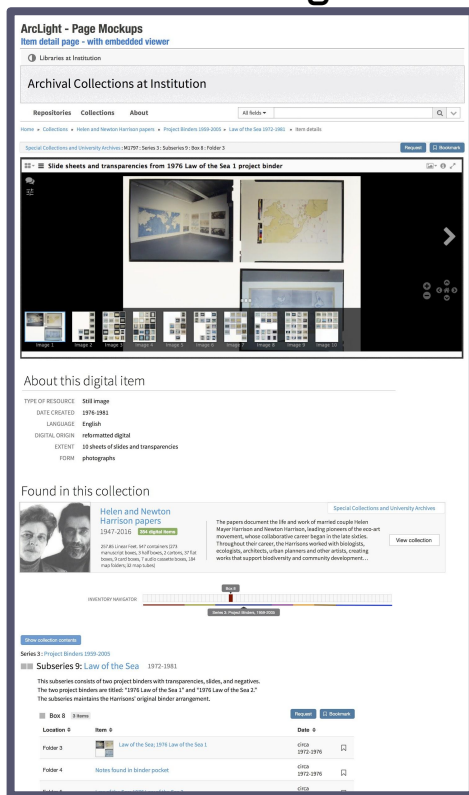
Motivation	Scenario	Specific Goals
1 Easily publish and update archival descriptions and digital collections	Coretta just finished processing a large hybrid collection—the papers of a well-known writer. She created description in ArchivSpace, and used the Finding Aids Toolkit image, BiCurator, Archiv-It, and Archivmanila to process and package the born-digital materials and ingest them into her Fedora+Hydra repository. In ArCLight, she selects her data sources, and selects the following options that she wants. She knows researchers will want to see the content of the writer's drafts and correspondence, not just her descriptions, so she selects full-text reading. When the indexing is complete, she previews what the collection will look like to the end-user. She catches an error in the description, and corrects it in ArchivSpace, pushing the email update to ArCLight in quick. When she's happy with the preview, she clicks "Publish" to make the collection discoverable in ArCLight.	<ul style="list-style-type: none"> Create and update archival description in any tool; index and publish it in ArCLight Workflow optimized for integration with ArchivSpace Integrate digital material from different sources Make indexing choices based on content Preview the collection in context
2 Link digital content to the description at any level	The writer's collection includes over 2,000 digital photos. Coretta creates description for the bulk of these images at the series level, rather than the item level, knowing that in ArCLight the images will be presented as a grid of thumbnails for the user to browse or search by embedded metadata. For a few important images the writer has annotated (ones used for covers of the writer's books), Coretta creates (a separate series with item-level description) to make them more easily discoverable. Most of the writer's manuscripts are in Word files, which display as static documents by default. Coretta's Support Developer recently installed a web-based text mining plugin created by the ArCLight community member. Coretta overrides the default viewer to the Word files open in the plugin.	<ul style="list-style-type: none"> Integrate digital material into archival description at item, folder, series, and/or collection level Override default viewer configuration for a collection Expose embedded content metadata to a user's
3 Configure discovery and access restrictions	The writer has stipulated that a series of drafts can only be accessed in the reading room, but when Coretta demonstrates ArCLight's virtual reading room functionality, he consents to virtual access. Coretta configures access so that researchers must request permission to view the drafts online, and once approved, must agree to terms of use before each access. She specifies that all emails in the collection are embargoed for 5 years; when this period expires, the emails will be automatically released in ArCLight.	<ul style="list-style-type: none"> Support access restrictions at the item, folder, series, and/or collection level Enforce embargo until the specified date has passed Allow access to specific usergroups
4 Enhance the archival description via linked data	The archives received this writer's collection largely due to its relationship to other collections in the archives. At the donor's request, Coretta has taken the extra step to create a rich agent record, including his notes from multiple sources, and links to other writers and environments. She would love to see network graphs and other visualizations of these rich connections in the discovery collection.	<ul style="list-style-type: none"> Support EAC or other linked data connections to other collections and contextual information Display graph or other visualizations of these connections

Tracing needs: requirements

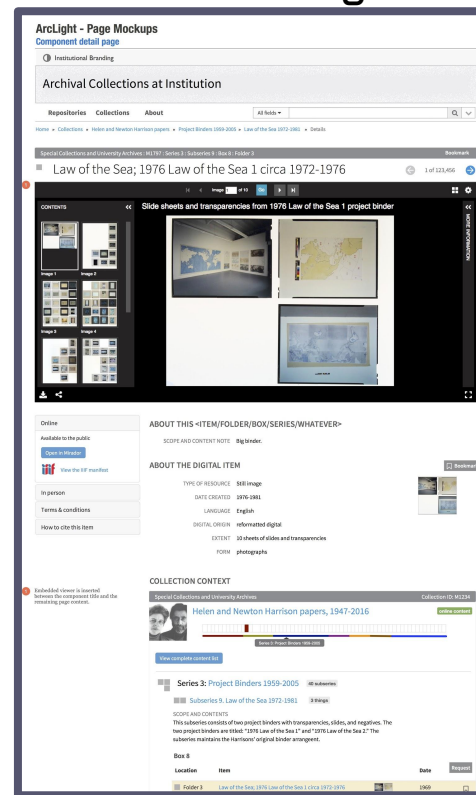
1.45	1. Core Discovery	UI features	Display/link digital material at various levels: item, folder, series, and/or collection	1 - Must have
1.61	1. Core Discovery	UI features	When components of archival collections and digital objects are presented, display a core set of descriptive and administrative metadata (including collection, series, sub-series, item, etc.) to maintain context and provenance of materials	1 - Must have
6.8	6. Digital objects	Integrated delivery	Display of AV in context of description	1 - Must have
6.9	6. Digital objects	Integrated delivery	Display of images in context of description	1 - Must have
6.13	6. Digital objects	Integrated delivery	Support for user access to digital content	1 - Must have
6.15	6. Digital objects	UI features	Clearly communicate the level (collection, series, sub-series, item, etc.) of description for digital objects	1 - Must have
6.16	6. Digital objects	UI features	Display metadata about the digital object that comes from the archival component (not necessarily the digital object), and does so in a way that allows for a predefined portion or all the metadata to display	1 - Must have
6.19	6. Digital objects	UI features	Preview digital content with thumbnails	1 - Must have
1.13	1. Core Discovery	Discovery	Bring together elements of the archival collection that might be in different silos (i.e., a Hydra repository, an Archive-It web archives collection, email in ePADD, etc.).	2 - Should have

Tracing needs: wireframes

Initial design



Revised design



Tracing needs: implementation

arclight Bookmarks 0 History Login

Archival Collections at Institution

Repositories Collections

All Fields Search...

Search

Start Over Back to Search

Home » Collections » Stanford University video collection, 1934-2016 » Videos » Mice, windows, and the great comet; lecture by Alan Kay at MacFest; parts 1 and 2, 1985 May 20

Stanford University Libraries. Special Collections and University Archives: V026 Bookmark

Mice, windows, and the great comet; lecture by Alan Kay at MacFest; parts 1 and 2, 1985 May 20 [online content](#)

In person

BEFORE YOU VISIT:
Special Collections and University Archives materials are stored offsite and must be paged 36 hours in advance.

LOCATION OF THIS COLLECTION:
 Stanford University Libraries. Special Collections and University Archives
Green Library
557 Escondido Mall
Stanford, CA 94305, USA
(650) 725-1022
specialcollections@stanford.edu

Terms & Conditions

Overview Online content

ABOUT THIS FILE

EXTENT: 2 videotape(s) (u-matic) and 2 videotapes (.75 inch)

INDEXED TERMS

SUBJECTS: Computer engineering.
Kay, Alan
Stanford Macintosh Users' Group

COLLECTION CONTEXT

Stanford University Libraries. Special Collections and University Archives

Collection ID: SC1031

[Stanford University video collection, 1934-2016](#)

[online content](#)

Videos [online content](#)

469 children

Silicon Run, 1986

Mice, windows, and the great comet; lecture by Alan Kay at MacFest; parts 1 and 2, 1985 May 20 [online content](#)

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Overview Online content

Mice, windows, and the great comet; lecture at MacFest 2/2



Mice, windows, and the great comet; lecture by Alan Kay at MacFest; parts 1 and 2

<https://arclight-demo.projectblacklight.org/>

Observations

- Valuable to get early and frequent input on designs
- Overhead of collaboration sometimes slows things down; requires additional coordination
- Some parts of design process require deep UX or design expertise
- Fear of design by committee mitigated by demonstrating leadership while making adequate space for critical feedback
- Being heavily community-focused allowed for greater engagement and built more excitement

Thank You!

Mark A. Matienzo / @anarchivist / 28 July 2017

Collaboration & Interoperability Architect, Stanford University Libraries

For more information, visit <http://bit.ly/arclightproject>

Group discussion ground rules

- Only one person should speak at any given time
- Move up/Move up (switch your speaking and listening habits)
- No one knows everything; together we know a lot
- We can't be articulate all the time
- Education, not argumentation
- Be mindful of time
- Discussion held under Chatham House Rule:

<https://www.chathamhouse.org/about/chatham-house-rule>

Discussion Questions

State of archival discovery

- How would you describe archival discovery at your current institution?
- What works well with your current archival discovery implementation? What helps your users to discover archival materials?
- What are the weaknesses with your archival discovery implementation or what do you want to improve? What challenges do users face in discovering archival materials?

User centered design and user assessment

- How do you see using user assessment/collaborative work as a way to address that?
- What are the challenges to doing that in your institution?
- What are the weaknesses of using a user-centered approach?
- How do you think about your users? Who are and aren't your users? Who are you designing for?
- Are there tools/techniques that would make it easier to lower the barrier to using user-centered design processes?

Collaborative work

- How has your department collaborated with other departments or institutions in the past?
- What are the barriers and opportunities you see to working collaboratively across institutions?

Google folder for notes documents: <http://bit.ly/s403-discussion>