Introduction

Writers' Workshop meets Makerspace
# Our Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-9:00</td>
<td>Coffee and login</td>
</tr>
<tr>
<td>9:00-9:30</td>
<td>Introduction: An overview of digital scholarly publishing</td>
</tr>
<tr>
<td>9:30-10:35</td>
<td>Organization (Part I)</td>
</tr>
<tr>
<td></td>
<td><strong>BREAK</strong></td>
</tr>
<tr>
<td>10:45-11:40</td>
<td>Organization (Part II)</td>
</tr>
<tr>
<td>11:40-12:15</td>
<td>Content representation and making connections</td>
</tr>
<tr>
<td></td>
<td><strong>LUNCH</strong></td>
</tr>
<tr>
<td>1:15-1:45</td>
<td>Advanced topics</td>
</tr>
<tr>
<td>1:45-2:45</td>
<td>Unstructured hands-on</td>
</tr>
<tr>
<td>2:45-3:00</td>
<td>Closing discussion</td>
</tr>
</tbody>
</table>
We want to hear from you!

Please complete our feedback survey:

Our Tools

Open Journal System  Omeka

Pressbooks  Scalar
Our Values

- Collaboration
- Playfulness and tinkering
- Focus on process
- Building
Our Goal

“It is one thing to be able to use a particular piece of hardware or software and another thing altogether to imagine what it might do or mean if pushed beyond its typical use, or even more again to imagine what might be created in its stead. It is these latter skills that good digital humanities pedagogy must inculcate: not “how to use x tool,” though that is likely part of it, but more “understanding how x functions, delineating its affordances and limitations, and then imagining y or z.”

(Cordell 2016)
Project Overview

A new digital scholarly publishing initiative from the University of Illinois

- Partnership between
  - University Library
  - School of Information Sciences
  - Illinois Program for Research in the Humanities
  - Department of African American Studies

- Funded by Andrew W. Mellon Foundation
- $1M over four years (2015-2019)
Project Objectives

- Build capacity for participation in innovative publishing initiatives
- Conduct research and assessment of how emerging technologies align with the expressed needs of participating scholars
- Create a new model for the conceptual development of scholarly communication
Digital Scholarly Publishing Ecosystem

**Publishing Without Walls**
- **Advantages**
  - Open access
  - Experimental
- **Drawbacks**
  - Small
  - Low profile

**University Presses**
- **Advantages**
  - Academic
  - Prestigious
- **Drawbacks**
  - Traditional
  - Under-resourced

**Commercial Presses**
- **Advantages**
  - Well-resourced
  - Market preparation
- **Drawbacks**
  - Market-driven
  - Non-academic
“Open-access scholarship has the potential to reach a broad spectrum of potentially interested publics. We in the humanities often resist opening our work to these publics, however, fearing the consequences of such openness….

“Increasing the discoverability of scholarly work on the web, making it available to a broader readership, is a good thing, not just for the individual scholar but for the entirety of the field in which he or she works.”

Kathleen Fitzpatrick (2013)
PWW Process

A view of the publication process from the scholar’s perspective
Series

African American Studies

Global Midwest
Scope
We provide scaffolding and infrastructure...

- Ongoing consultations on digital publications
- Hosted tools and platforms maintained through the University of Illinois
- A selection of templates for use in content development
- Affiliation with the PWW Global Midwest or African American Studies Series
- Publishing workflow with connections to University Presses
...to help you engage in digital publishing.

- **Content creation** (e.g., developing or gathering text, images, multi-media or other resources that you intend to include in your publication)

- **Content management** (e.g., loading content into the tool or platform of your choice, developing metadata as needed, establishing relationships between digital objects)

- **Design and presentation** (e.g., determining layout of content and augmenting provided templates with any additional design features)
Introduction

Articulating Your Objectives
A time of proliferation of publishing choices

- Innovative Projects
- New Publishing Platforms
- Collaborative Partnerships
Your goals will inform your choices, so . . .

**Be clear on your goals:**

- Visibility, increased reach - geographic and audience
- Impact on discipline/field
- Promotion and tenure, or at least a respectable line on the CV
- Exploiting alternatives to linear, textual narrative
- Being done with it, get it “out there” quickly
- Making an intervention in the political economy of scholarly communication
- An opportunity for professional editing
- Making enough money to get a new car
- Impressing Mom
Why Consider Audience Engagement?

Purpose for engagement

Influence of technology on engagement
Audience Engagement: Who & Why?

Audiences
- Academics
- Administration
- Students
- General Population

Reason for Engagement
- Evaluate contribution
- Obtain new knowledge
As you consider your options:

**Understand and assign value to the components of publishing.**

**Ask yourself: What needs to be done? Who will do it? At what cost?**

- Selection, review, acquisition
- Editorial and intellectual development
- Production (layout, proofreading, copyediting, etc)
- Promoting/Marketing
- Distribution – to the community, to the marketplace
- Rights assignment and management
- Assessment: How will the value of your publication be measured?
Discussion

- Level of comfort and prior experience with digital publishing
- Personal motivation for attending the workshop
- Goal for the day
Organization  Prototypes and Platforms
Prototypes (front end)
Small Groups: Comparing Platforms


When the same materials are presented in different platforms...

- What do you notice about the structure?
- How does it affect your experience as a reader?
- What do you like about the different platforms?
- What do you dislike?
Matching your goals to our tools

<table>
<thead>
<tr>
<th></th>
<th>Pressbooks</th>
<th>OJS</th>
<th>Omeka</th>
<th>Scalar</th>
</tr>
</thead>
<tbody>
<tr>
<td>Learning Curve</td>
<td>Low-medium</td>
<td>Medium</td>
<td>Medium-high</td>
<td>Medium-high</td>
</tr>
<tr>
<td>Primary content</td>
<td>Text</td>
<td>Text</td>
<td>Text and media</td>
<td>Media and text</td>
</tr>
<tr>
<td>Strengths</td>
<td>Monographs and long form manuscripts; based on Wordpress</td>
<td>Hosting scholarly journals; strong user community; widely indexed</td>
<td>Online exhibitions that are best suited for text and images</td>
<td>Media-heavy projects with video and audio as well as text</td>
</tr>
<tr>
<td>Drawbacks</td>
<td>Limited number of typefaces; can only incorporate limited media</td>
<td>Limited options for site design; administrative interface can be complex</td>
<td>Relatively rigid structure, preservation challenges, limited site design without advanced web design skills</td>
<td>Requires advanced web design to customize noticeably; portability and preservation issues</td>
</tr>
<tr>
<td>Learn more</td>
<td>pressbooks.com</td>
<td>pkp.sfu.ca/ojs</td>
<td>omeka.org</td>
<td>scalar.usc.edu</td>
</tr>
</tbody>
</table>
Pressbooks: How it works

- WordPress-based administrative modules
- Create hierarchical series of entries for book sections and chapters
- Consistent with typical monograph structures
Why Pressbooks?

Benefits

- Easy administrative interface – based on WordPress
- Quickly create a professionally typeset book
- Can export your book in the major formats
- Strong preservation and portability

Drawbacks

- Limited number of templates
- Can only incorporate limited types of media
Structure of an Omeka Site

Omeka Website

Exhibit 1
Pages
Items

Exhibit 2
Pages
Items
Why Omeka?

Benefits

- Structured platform for digital exhibitions
- Easy interface to use
- Many plug-ins to extend functionality
- Widely supported
- Strong community of users

Drawbacks

- Relatively rigid site structure
- Limited site design options - Customization only possible with advanced web design skills
- Preservation and portability are a challenge
Structure of a Scalar book

Media ➔ Pages ➔ Paths ➔ Book
Why Scalar?

<table>
<thead>
<tr>
<th>Benefits</th>
<th>Drawbacks</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Multi-media content displayed well</td>
<td>• Primarily cloud-based</td>
</tr>
<tr>
<td>• Flexible, non-linear structure</td>
<td>• Administrative dashboard is not intuitive</td>
</tr>
<tr>
<td>• Connected to multiple digital archives</td>
<td>• Visual customization requires extensive web design knowledge</td>
</tr>
<tr>
<td>• Can annotate media objects</td>
<td>• Preservation and portability is a challenge</td>
</tr>
<tr>
<td>• Community of users</td>
<td></td>
</tr>
</tbody>
</table>
Open Journal Systems

System for creating and editing your open access journal
Why OJS?

Benefits

- Free system for publishing an open access journal
- Built in editorial workflow system
- Large community of users
- Well indexed

Drawbacks

- Limited options for site design
- Administrative interface can be complex
The PWW Sandbox is an experimental space to demonstrate tools and platforms.

We host our own versions of tools to:

- Maintain software with dedicated research programmer
- Protect your work on our own securely hosted servers
- Modify platforms to align with the needs of our scholars
- Develop an independent publishing ecosystem
Sandbox Caveats

- You may encounter technical bugs
- Content in the sandbox is cleared periodically
- If you would like to continue working with PWW following the workshop, contact the instructors for consultation and access to a more stable working environment
Platforms (back end)

- OJS
- Omeka
- Pressbooks
- Scalar
Small Groups: Comparing Platforms

Can you figure out...

- How to create a new object (a book, an item set, a journal submission)?
- How to provide information about your new object?
- How to add images?
- How to add text?

Do platforms use different terminology for similar processes?

Are there things you can do on one platform that you can’t do in another?

What’s surprising? Confusing?
OJS
Welcome to the IOPN Omeka S Sandbox admin dashboard!

Manage Resources
- Items (51)
- Item sets (5)
- Vocabularies (4)
- Resource Templates (1)

Manage Sites
- crism's sandbox
- Danny's Site
- The Alphabet
- iBlack Studies
- Medical Entomology
- Music In Conflict

Add site
Pressbooks

Organize your public Catalog page.

Show/Hide books
To display a book in your catalog choose "Show in Catalog" under Catalog Status.
To hide a book in your catalog choose "Hide in Catalog" under Catalog Status.

Catalog sorting
To add sorting ability, add your Tag names to your Catalog Profile page (ex: Authors, Book Genre), then add the appropriate tags to each individual book.

Share your catalog
The public link to your catalog page: http://pb-sandbox.library.illinois.edu/catalog/mfsense2

My Catalog

Bulk Actions

- Catalog Status
- Privacy Status
- Cover
- Title
- Author
- Tag 1
- Tag 2
- Pub Date

Getting Started in Pressbooks

mbonn
n/a
n/a
Workshop documentation

Publishing Without Walls: Digital Edition
by Megan Senseney, Christopher R. Maden, Janet Swatscheno, Joshua D. Lynch, and Maria Bonn

Shared files


- Text files for each letter
- Scanned images of books and manuscripts
- Spreadsheet with bibliographic metadata
- Supplementary files provided for further experimentation
Folder hierarchies
File naming conventions
Metadata

- Metadata supports discoverability and distinguishes individual items.
- Serves multiple functions:
  - Descriptive
  - Administrative
  - Structural
- There are multiple standards and authorities for metadata.
- Authors and publishers are responsible for different aspects of metadata.
- Authors attend to metadata throughout the digital publishing process.
Metadata: Descriptive
Rights Holder ▼
A person or organization owning or managing rights over the resource.

dcterms:rightsHolder

Select the first value type.

+ [Text] [Omeka Resource] [URI]
Metadata: Structural
Metadata Takeaways

- Metadata creation is intellectual work and warrants a critical approach
- Be mindful what, exactly, you’re describing (i.e., 1:1 principle)
- Consult with PWW on metadata strategies as needed
Hands-on: Getting Started (30 mins)

- For Scalar, Omeka, and Pressbooks:
  - Create a new project
  - Upload media/items
  - Add metadata
  - Create pages or chapters (depending on platform)

- For Open Journal System:
  - Collaborate on configuring new journal
  - Review role play exercise and assign roles for afternoon session
Debrief: 15 minutes

- What platforms did you choose?
- Did you run into problems?
- What observations do you have about the role of metadata in a digital publication?
- What observations do you have about the process of organizing your materials?
Content Representation and Making Connections
Primary Modes of Representation

- Pressbooks: Long-form linear narratives
- Omeka: Exhibitions
- Scalar: Multi-linear narratives
- OJS: Born-digital, open access journals
The relationship between text and media

- Pressbooks: media subordinate to text
- Omeka: text describes media
- Scalar: text and media are highly integrated
- OJS: text/media expectations are a matter of journal policy
Abstract Structure of an Omeka Site

Omeka Website

Exhibit 1
Exhibit 2

Pages
Pages

Items
Items
Structural Complexity in Omeka

Omeka.net

CONCEPT MAP

must select items to create an exhibition

Exhibition

Pages:

Items + Text
or text without items...

Pages contain blocks (ways to arrange items/text)

Collections (could be subdivided)

items

B.L. Bynes Sim, 2016
Abstract Structure of a Scalar book

Media ➔ Pages ➔ Paths ➔ Book
PWW

Structural Complexity in Scalar

From A to Z!: An Exhibit about Alphabets, Letters, & Writing
Social Complexity in OJS
# Social Complexity in OJS

<table>
<thead>
<tr>
<th>Role Name</th>
<th>Abbreviation</th>
<th>Submission</th>
<th>Review</th>
<th>Copyediting</th>
<th>Production</th>
</tr>
</thead>
<tbody>
<tr>
<td>Journal manager</td>
<td>JM</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Journal editor</td>
<td>JE</td>
<td></td>
<td>✔</td>
<td></td>
<td>✔</td>
</tr>
<tr>
<td>Production editor</td>
<td>ProdE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Section editor</td>
<td>SecE</td>
<td>✔</td>
<td>✔</td>
<td></td>
<td>✔</td>
</tr>
<tr>
<td>Copyeditor</td>
<td>CE</td>
<td></td>
<td></td>
<td></td>
<td>✔</td>
</tr>
<tr>
<td>Designer</td>
<td>Design</td>
<td></td>
<td></td>
<td></td>
<td>✔</td>
</tr>
<tr>
<td>Funding coordinator</td>
<td>FC</td>
<td>✔</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Indexer</td>
<td>IND</td>
<td></td>
<td></td>
<td></td>
<td>✔</td>
</tr>
<tr>
<td>Layout Editor</td>
<td>LE</td>
<td></td>
<td></td>
<td></td>
<td>✔</td>
</tr>
<tr>
<td>Marketing and sales coordinator</td>
<td>MS</td>
<td></td>
<td></td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>Proofreader</td>
<td>PR</td>
<td></td>
<td></td>
<td></td>
<td>✔</td>
</tr>
<tr>
<td>Author</td>
<td>AU</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
</tbody>
</table>
A word on IP

- Do you own the copyright for the materials you are using?
- Are the materials in the public domain or flexibly licensed?
- Do you have explicit permission to use these materials?
- Do you have explicit permission to use these materials *digitally*?
- Can you use materials under copyright without permission?

If you don’t know the answer to these questions or aren’t sure how to go about answering these questions, consult the Scholarly Commons:

http://www.library.illinois.edu/scp/copyright-information/online-copyright-information/
A word on preservation

As your structures and media sources increase in complexity, your digital publication becomes increasingly difficult to preserve in its original form.

http://publishingwithoutwalls.illinois.edu/preservation/
Publications in the wild (Part I)

Pressbooks
- Claude Monet; The Water-Lilies: https://iopn.library.illinois.edu/pressbooks/clemenceaumonet/

Omeka
- Educating Harlem: http://educatingharlem.cdrs.columbia.edu/omeka/

Scalar

OJS
- Digital Literary Studies: https://journals.psu.edu/dls/index
LUNCH BREAK! You earned it.
Advanced Topics

Imagining Y or Z
Our Goal

“It is one thing to be able to use a particular piece of hardware or software and another thing altogether to imagine what it might do or mean if pushed beyond its typical use, or even more again to imagine what might be created in its stead. It is these latter skills that good digital humanities pedagogy must inculcate: not “how to use x tool,” though that is likely part of it, but more “understanding how x functions, delineating its affordances and limitations, and then imagining y or z.”

(Cordell 2016)
Advanced Customizations

- Custom Cascading Style Sheets (CSS)
- JavaScript
- Plugins and Modules
- iFrames
- Compatible third-party tools
OJS: CSS

Journal style sheet
Experienced web developers can upload a CSS file to further customize the website's appearance.

Sidebar management

<table>
<thead>
<tr>
<th>Sidebar</th>
<th>Unselected</th>
</tr>
</thead>
<tbody>
<tr>
<td>Language Toggle Block</td>
<td>Web Feed Plugin</td>
</tr>
<tr>
<td>Information Block</td>
<td>Related Items Block</td>
</tr>
<tr>
<td>&quot;Make a Submission&quot; Block</td>
<td>&quot;Developed By&quot; Block</td>
</tr>
</tbody>
</table>

Homepage Image
Upload an image to display prominently on the homepage.
Scalar: CSS and JavaScript

<table>
<thead>
<tr>
<th>Style</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interface</td>
</tr>
<tr>
<td>Background image</td>
</tr>
<tr>
<td>Thumbnail image</td>
</tr>
<tr>
<td>       </td>
</tr>
<tr>
<td>Custom style</td>
</tr>
<tr>
<td>   </td>
</tr>
<tr>
<td>Custom JavaScript</td>
</tr>
</tbody>
</table>
Omeka S: From Plugins to Modules

Plugins

The following plugins have been developed for Omeka. Click on the plugin's name to check if it is compatible with the version of Omeka you are running. All plugins listed here require Omeka 2.0 or a newer version. For plugins that work with older versions of Omeka, see [link].

Add-Ons

Add Item
Add an add item link to the admin bar
Date: Mar 26, 2013
License: GPL v3

Admin Images

This Omeka 2.0+ plugin allows administrators to upload images not attached to items for use in carousels and simple pages.
Date: Feb 14, 2017
License: GPL v3

Archive Repertory

Keeps original names of imported files and puts them in a hierarchical structure (collection / item / files) in order to get readable urls for files and to avoid an overloading of the file server.
Date: Jan 25, 2016
License: CC01.0

BagIt

Implements the BagIt specification for storing collections of files. Adds an administrative interface that allows users to (a) generate and export BagIt containing files on the site and (b) import BagIt and make their contents available through the Dropbox interface.
Date: Aug 23, 2015
License: Apache 2.0

Modules

Extend Omeka S with modules to map, collect, import, and connect resources.

Mapping Geolocate resources and add maps to your sites.

Collecting Gather public contributions through your sites.

Custom Vocab Create controlled vocabulary for a particular property to use when describing a resource.

Metadata Browse Browse all resources that share a value for a particular property.
Scalar: iFrames
Multi-platform workflows

Host content in Omeka

Author in Scalar and Pressbooks

Submit for review via OMP or OJS

Conversion to ePubs or Print-on-Demand
Subverting expectations

- Course syllabi and student projects
- Blog to book publishing
- Immersive storytelling
- Crowdsourcing and community contributions
- Exploiting digital affordances to expose competing interpretations
- Maps, timelines, and alternative visualizations
Highly Customized Projects

Pressbooks

- Connecting People for Development: http://tascha.uw.edu/publications/ebook-connecting-people-for-development/

Omeka

- Traces of Mind Control: http://traces.brynmawr.edu/traces/

Scalar


OJS

- Blake / An Illustrated Quarterly: http://blake.lib.rochester.edu/blakeojs/index.php/blake
NEH-Mellon Fellowships for Digital Publication

Division of Research Programs
Receipt Deadline April 12, 2017 for Projects Beginning January 2018

Brief Summary
Through NEH-Mellon Fellowships for Digital Publication, the National Endowment for the Humanities and The Andrew W. Mellon Foundation jointly support individual scholars pursuing interpretive research projects that require digital expression and digital publication. To be eligible for this special opportunity, an applicant's
Hands-on: 75 minutes

Keep building out a publication in the tool you selected this morning

AND/OR

Try a new tool and compare your experiences

- **Scalar**: Try making paths, tags, annotations, and notes; experiment with page layouts and visualizations.
- **Omeka**: Turn your pages into an exhibit.
- **Pressbooks**: you’ve mastered the basics. Keep going or try something new.
- **OJS**: Role play the soup-to-nuts submission process.
Closing discussion and next steps
Now that you have first-hand experience with the tools:

- What are the affordances?
- What are the constraints?
- What can you imagine with more…
  - Time (your time) i.e., what could you do on your own?
  - Collaborators (both their time and an expanded knowledge base and skill set) i.e., what could you do with some help from others?
  - Funding (grant-based or institutional) i.e., what could you do with funds to hire help?

- What can we do to help you?
Next Steps

- Introductory Webinars
- Incubation Workshops
- Individual Consultations
Consultation

Have an idea for a digital publication?

Have a project in the works?

Have a question about specific platforms, rights and permissions, or content specifications?

We’re happy to schedule one-on-one consultations at any time with members of the Outreach Group and the Publications Group.
A Word IOPN and OMP

Illinois Open Publishing Network

The Illinois Open Publishing Network (IOPN) team can help you navigate the process of starting a journal or digital publication. We provide advising and resources related to digital publishing, open access and scholarly communications, and copyright.

Request a consultation!

IOPN Mission

The Illinois Open Publishing Network (IOPN) is a network of publications and publishing initiatives that are hosted and coordinated at the University of Illinois at Urbana-Champaign Library. IOPN offers a suite of publishing services to members of the University of Illinois at Urbana-Champaign community and beyond. We aim to facilitate the dissemination of high-quality, open access scholarly publications. Our services include infrastructure and support for publishing open access journals, monographs, and multi-media digital projects.
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- Harriett Green
- Megan Senseney
- Marilyn Thomas-Houston
- Maria Bonn
- Chris Maden
- Janet Swatscheno
- LaTesha Velez
- Joshua Lynch
- Justin Williams
Noun Project Credits

Valery
Yu luck, KR
Rémy Médard
Matt Saling
Creative Stall
romzicon
Vicons Design
Andrew Doane
Alina Alvarez

https://thenounproject.com/
We want to hear from you!

Please complete our feedback survey: