May 2nd, 10:15 AM - 11:45 AM

Positioning libraries at the center of digital scholarship on campus

Jennifer Nichols  
*University of Arizona, jtn@email.arizona.edu*

Anthony Sanchez  
*University of Arizona*

Niamh Wallace  
*University of Arizona*

Steve Hussman  
*University of Arizona*

Follow this and additional works at: [https://digital.sandiego.edu/symposium](https://digital.sandiego.edu/symposium)

Part of the [Digital Humanities Commons](https://digital.sandiego.edu/symposium)

Nichols, Jennifer; Sanchez, Anthony; Wallace, Niamh; and Hussman, Steve, "Positioning libraries at the center of digital scholarship on campus" (2017). Digital Initiatives Symposium. 14.

This 90-minute panel session is brought to you for free and open access by Digital USD. It has been accepted for inclusion in Digital Initiatives Symposium by an authorized administrator of Digital USD. For more information, please contact digital@sandiego.edu.
Positioning libraries at the center of digital scholarship on campus

**Session Type**
90-minute panel session

**Abstract**
The University of Arizona Libraries (UAL) is positioning itself to become the campus leader in digital scholarship. By drawing scholars from different disciplines together, the library can serve as a collaboration hub, encouraging the application of novel digital technologies in research and education. This panel will discuss the efforts of the UAL faculty involved in Digital Scholarship to cultivate the necessary relationships, both internally in the library and externally throughout campus, to create such a nexus of digital scholarship. By uniting the work of Digital Humanities librarians, Special Collections librarians, a Bio-informationist, Data Management librarian, GIS Specialist and others, we have increased capacity to serve campus and assist one another across both library departments and disciplines. After discussing the model and approach of UAL, we will lead participants through asset mapping and other visioning exercises designed to help libraries think differently about capacity, scale and strategic partnerships. This proposal is for an active panel discussion that includes some aspects of a workshop.

**Location**
KIPJ Theatre

**Keywords**
digital scholarship, collaboration, strategic planning

**Creative Commons License**
This work is licensed under a Creative Commons Attribution-Noncommercial-Share Alike 4.0 License.

This 90-minute panel session is available at Digital USD: https://digital.sandiego.edu/symposium/2017/2017/14
Positioning Libraries At The Center Of Digital Scholarship On Campus

Digital Initiatives Symposium 2017
Steve Hussman
Director of Special Collections

Jennifer Nichols
Co-Director, iSpace
Digital Scholarship Librarian

Anthony Sanchez
Co-Director, iSpace
Liaison to College of Social and Behavioral Sciences

Niamh Wallace
Liaison to College of Social and Behavioral Sciences
Overview

- History of UA Libraries
- Digital Scholarship Working Group
- Special Collections
- Makerspace/Digital Learning Space
- Data Visualization
- Data Management
- Open Access
- Digital Humanities
- Advocating for Digital Scholarship
- Innovation Tools for Program Design
Institutional Memory
Special Collections
The Documented Border

THE DOCUMENTED BORDER
EXHIBIT & DIGITAL ARCHIVE

UNIVERSITY LIBRARIES
SPECIAL COLLECTIONS EXHIBIT
Introduction

The Documented Border: An Open Access Digital Archive is an interdisciplinary effort whose goal is to advance understanding and awareness about the U.S.-Mexico borderlands and its peoples during a period of unprecedented societal change. The innovative archive focuses on untold and silenced stories and events about this transnational region.

The project was generously funded by one of five Faculty Collaboration and Innovation Grants awarded by the University of Arizona’s Confluencenter for Creative Inquiry as well as additional funding by the University of Arizona Libraries.

The archive divides into four parts: Journalists from the U.S., Journalists from Mexico, Human Rights Activists, and Academics. It includes oral histories of journalists from both sides of the border who cover northern Mexico, and human rights activists and academics who are working to improve freedom of expression in Mexico. The oral histories are being collected by two professors from the School of Journalism, Celeste González de Bustamante and Jeannine Riley. The oral histories help illuminate the complex environment in which journalists must work, as they negotiate between political and economic forces, and the need to inform the public.
Journalists - Mexico

A crime reporter with Nogales radio station XENY (AM 760), César Barrón talks about the type of stories that he focuses on, the challenges faced by reporters in Mexico, and the effects that violence reporting has on members of his profession. Barrón warns of the importance of retaining the capacity to be surprised and empathic to the suffering of others. He touches on the differences in professional experience based on gender, the use of social networks, and the many opportunities for learning and growth that a journalism student can gain by working in the border.

Photo editor for the Semanario Zeta, Ramon Blanco Villalon is the last founding member still employed at the newspaper that was first managed by his father. After 34 years in the Semanario, Blanco notes how his job has evolved, from the influence exerted by digital technology, to the need to work in pairs and even groups of three to protect themselves against violence. Blanco also describes the pride and joy that his father gets to see his children succeed.
The Documented Border

An Open Access Digital Archive

Sketches

6 Children all American citizens, ca. 2012-2014
“Caught visiting his newly born daughter”, ca. 2012-2014
Profile of male detainee, ca. 2012-2014
“Shackled”; ca. 2012-2014
Back of U.S. Marshal, ca. 2012-2014
“Given your criminal history, you’re not welcomed here” - judge; ca. 2012-2014
Judge addressing detainees, ca. 2012-2014
Profile of female detainee, ca. 2012-2014
The American Vaudeville Museum Archive

The American Vaudeville Museum Digital Archive contains over 4,321 items, from various vaudeville collections which are housed at the University of Arizona’s Special Collections. Presented in the digital archive are original materials comprised of theatre programs and postcards, sheet music, magazines, playbills, photographs and posters, stage scripts and other manuscripts, clippings and scrapbooks, films, miscellaneous papers.

Explore the Archive!
W. C. Fields, being charming

Description
Photograph of W. C. Fields being charming and kissing the back of a Mae West's hand.

Format
JPEG

Date
unknown

Date Range

Language
English

Location
unknown

Types / Genre
Photographs
Bijou Rustic Theatre Programme

Description
A page from the Bijou Rustic Theatre's program showcasing advertisements.

Format
JPEG

Date
7/10/11

Date Range
1910-1919

Language
English

Location
Quebec, Canada

Types / Genre
Programs

Collection
Sadie M. Fearon and A. Harry Chick Vaudeville Collection

Creator
Bijou Rustic Theatre

Publishers
Chronicle Print

Source
MS 489 Box 4

Identifier
azu_ms489_b4_pg105a027_m.jpg
Our Vision Statement

The iSpace is a multidisciplinary learning community and collaborative makerspace committed to advancing inquiry, creative endeavor, scholarly communication, and lifelong learning. The iSpace encourages students to re-envision their research through the use of cutting-edge technologies and through collaborating with interdisciplinary experts.

At the iSpace, we value accessibility of technologies and strive to support student, faculty, and community use of technologies by providing workshops, learning resources, and in-person tech support.
iSpace Technology

- 3D printing
- whiteboards
- post-its
- cords
- etextiles
- littlebits
- arduino
- raspberry pi
- tools
- craft materials
- oculus rift
- VR cardboard
Dr. Bryan Carter – Virtual Harlem
Alt-Real
Installation view

Virtual reality art installation for Oculus Rift and HTC Vive.
Dimensions variable
2017
Photogrammetry

Courtesy www.pi3dscan.com
Photogrammetry
VR Studio

Virtual Reality Studio

iSpace
Tuesday – Drop in VR Demos
What’s a Wednesday
Threaded Thursday
Role of the Liaison
Diversifying Shakespeare
Diversifying Shakespeare

Shylock on Stage

- Mapping
  - Utilize mapping tools to explore the way in which the representation and reception of Shylock's character may have changed over the centuries.
    - Who is viewing the play? Who is producing the play?
  - Difficulties: The map would have to be combined with a numbering system to ensure the viewer goes through in chronological order.

His Majesty's Theatre, 1908
Costumes designed by Percy Macquarrie
History - Digital Resources and Tools

This guide is designed as an introduction to resources and tools in digital history.

Readings and resources for Digital History

Resources for Getting Started in Digital History
A guide from the American Historical Association with links to a video of the Getting Started in Digital History workshop, other sessions, and presentations, readings such as "What is Digital History?" and resources.

Digital History: A guide to gathering, preserving, and presenting the past on the Web
Introduces various aspects of digital history, from examples of projects, information about technologies, exploration of copyright issues, and long-term access to digital history projects. Also available online.

Exploring Big Historical Data
Describes and demonstrates the ways Big Data can be explored to construct cultural heritage knowledge, for research and in teaching and learning. The companion website includes the full text of the final draft of the book, a discussion forum, and data files.

Digital History Project
Learn about digital history scholarship, from documenting to teaching to doing. Site also includes Project
Digital Scholarship Specialists
Data Management Home

The objective of this website is to provide information on developing data management plans now being required by some federal agencies and to support researchers in the various stages of the research cycle.

Funding Agencies Requirements

Includes public access policies of the top federal funding agencies of research at the University of Arizona and table of public access policies for all 19 federal funding agencies that meet the criteria from the 2013 OSTP memo.

Data Management Plans

The University Libraries are interested in working with faculty and researchers in developing data management plans -- the best ways to share, disseminate, and make accessible research data. Here are some resources to review that will help you create a data management plan:

- **DMPTool** -- create, review, and share data management plans that meet institutional and funder requirements
- NSF Data Management Plans -- includes general guidelines and links to NSF Directorate guidelines.
- Data Repositories -- information about UA Campus Repository and tools for finding disciplinary repositories
- Campus Resources -- resources available from UITS and the Office of Research, and
Open Access Initiatives

Open Education Month 2017
Innovation tools for program design

• Asset Mapping
• Empathy Maps
• Value Propositions
Asset Mapping
Empathy Map

Empathy Map

THINK & FEEL
What is important to the user?
What are her hopes and fears?

SEE
What is the user's environment like?

HEAR
What influences the user?

SAY & DO
What is the user's attitude?
What are her key activities?

PAINS
What obstacles or challenges does the user have?

GAINS
What does the user hope to achieve?
How might she measure it?
Value Proposition

A promise of value or benefit to be delivered to the user.

How can your idea alleviate your users' pains and gains?

**Program Aspects**
- delivery
- topics
- tools
- sustainability

**Pains and Gains**
Value Proposition
A promise of value or benefit to be delivered to the user.

How can your idea alleviate your users' pains and gains?

<table>
<thead>
<tr>
<th>program aspects</th>
<th>pains and gains</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weekly drop-in help for GIS &amp; R</td>
<td>delivery</td>
</tr>
<tr>
<td>topics</td>
<td>researchers don’t know where to get help now</td>
</tr>
<tr>
<td>tools</td>
<td></td>
</tr>
<tr>
<td>sustainability</td>
<td></td>
</tr>
</tbody>
</table>

Weekly drop-in help for GIS & R don’t know where to get help now
Thank You!
library.arizona.edu

shussman@email.arizona.edu

jtn@email.arizona.edu

arsanchez@email.arizona.edu

niamhw@email.arizona.edu