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Supporting Research, Public Engagement, and Learning through the Use of Archives in Digital Humanities

Jamie Rogers
Florida International University, rogersj@fiu.edu

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SUPPORTING RESEARCH, PUBLIC ENGAGEMENT, AND LEARNING THROUGH THE USE OF ARCHIVES IN DIGITAL HUMANITIES

Jamie Rogers
Assistant Director
Digital Collections
Florida International University
HUMANITIES & TECHNOLOGY

- A space, physical or virtual..."where new media and technologies are used for humanities-based research, teaching, and intellectual engagement and experimentation”

- Using technology to critically engage in redefining/rethinking humanities

- Conversely, using humanities methodologies in considering the role/impact/implications of technology in humanities and more broadly in our lives

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SUPPORTING DIGITAL SCHOLARSHIP @ FIU

Digital Scholar Studio
- project consultation
- workshops
- in-class instruction
- equipment lending
- digital exhibit hosting
- software
- http://dss.fiu.edu/

Digital Collections & Archives
- digitized special collections/archives/data
- community partnerships
- grant writing/collaboration
- http://dpanther.fiu.edu/
- http://digitalcommons.fiu.edu/
- http://www.dloc.com/

GIS
- data analysis
- data visualization
- development of online applications and knowledge management systems
- http://maps.fiu.edu/gis/

Photo by Jean-Michel André
From City of Miami Beach Digital Archives

Photo by Nathan Anderson on Unsplash
### DiRT (Digital Research Tools) Directory

http://dirtdirectory.org/

"The DiRT Directory is a registry of digital research tools for scholarly use. DiRT makes it easy for digital humanists and others conducting digital research to find and compare resources ranging from content management systems to music OCR, statistical analysis packages to mindmapping software."

### UCLA’s Digital Art Historian’s Toolkit


"A snapshot of tools that could be useful to art historians specifically. We’ve focused here on free, off-the-shelf tools that don’t require programming knowledge and might be particularly interesting to people who work with a lot of images."

### Roy Rosenzweig Center for History and New Media

Research + Tools

http://chnm.gmu.edu/research-and-tools/

Digital Humanities tools and descriptions of how they may be used.
Omeka

http://omeka.org/ & http://omeka.net/

"Omeka is a free, flexible, and open source web-publishing platform for the display of library, museum, archives, and scholarly collections and exhibitions."

Scalar

http://scalar.usc.edu/scalar/

"Scalar is a free, open source authoring and publishing platform that’s designed to make it easy for authors to write long-form, born-digital scholarship online. Scalar enables users to assemble media from multiple sources and juxtapose them with their own writing in a variety of ways, with minimal technical expertise required."
TECHNOLOGIES (MAPS)

http://libguides.fiu.edu/digitalscholar

Story Maps

https://storymaps.arcgis.com/en/

"Esri Story Maps let you combine authoritative maps with narrative text, images, and multimedia content. They make it easy to harness the power of maps and geography to tell your story."

Neatline

http://neatline.org/

“Neatline allows scholars, students, and curators to tell stories with maps and timelines. As a suite of add-on tools for Omeka, it opens new possibilities for hand-crafted, interactive spatial and temporal interpretation.”
TECHNOLOGIES (TIMELINES)

http://libguides.fiu.edu/digitalscholar

Northwestern University Knight Lab

TimelineJS

https://timeline.knightlab.com/

"TimelineJS is an open-source tool that enables anyone to build visually rich, interactive timelines. Beginners can create a timeline using nothing more than a Google spreadsheet"
TECHNOLOGIES (TEXT)

http://libguides.fiu.edu/digitalscholar

Voyant

http://voyant-tools.org/

Voyant Tools is a web-based text reading and analysis environment.

It is a scholarly project that is designed to facilitate reading and interpretive practices for digital humanities students and scholars as well as for the general public.
Environment & Society

"The Environment & Society Portal is a gateway to open access resources about human participation in, and understandings of, the environment. It addresses the community of teachers and researchers in environment-related humanities, as well as the interested public.

The Portal is the digital publication platform and archive of the Rachel Carson Center for Environment and Society (RCC), a nonprofit joint initiative of the LMU (University of Munich) and the Deutsches Museum. As such, it reflects the research themes of the RCC and its fellows, who are international experts in related fields. Fellows are involved in contributing to the Portal and curating its content."

Network visualization: mapping Shakespeare’s tragedies

"A network visualization in which each character is represented by a node connected with the characters that appear in the same scenes. The result speaks for itself: the longest tragedy (Hamlet) is not the most structurally complex and is less dense than King Lear, Titus Andronicus or Othello. Some plays reveal clearly the groups that shape the drama: Montague and Capulets in Romeo and Juliet, Trojans and Greeks in Troilus and Cressida, the triumvirate parties and Egyptians in Antony and Cleopatra, the Volscians and the Romans in Coriolanus or the conspirators in Julius Caesar."

Lord of the Rings Project

"Lord of the Rings Project, commonly shortened LotrProject, is a creative web project dedicated to the works of J.R.R. Tolkien. It is perhaps most known for the extensive and ever updating genealogy, the historical timeline of Middle-Earth and the statistics of the population of Middle-Earth."

City Witness

"City Witness is a major, cross-institutional, multi-disciplinary research project, funded by the UK Arts and Humanities Research Council. The initial research phase ran from January 2013 until the end of June 2014, though activities continue beyond this period. In these pages you can find information about the project, as well as guidance on how you can make use of the City Witness resources."

The Anti-Eviction Mapping Project

"The Anti-Eviction Mapping Project is a data-visualization, data analysis, and storytelling collective documenting the dispossession of San Francisco Bay Area residents in the wake of the Tech Boom 2.0. Through digital maps, oral history work, film, murals, and community events, the project renders connections between the nodes and effects of new entanglements of global capital, real estate, high tech, and political economy. It studies the displacement of people but also of complex social worlds as certain spaces become desirable to such entanglements. Maintaining antiracist and feminist analyses as well as decolonial methodology, the project creates tools and disseminates data that contributes to collective resistance and movement building."
PROJECTS  http://dss.fiu.edu/
FOSTERING PARTNERSHIPS

FIU Libraries

Wolfsonian Museum

Department of History

Journalism + Media

Kampong

Sea Level Solutions Center

English Department

University of Florida

SEFLIN

HistoryMiami

dLOC

Division of IT

Archives Nationales d’Haiti
COMMUNITY ENGAGEMENT
FRAGILE HABITAT
Conversations for Miami’s future

Ecohumanities for Cities in Crisis
April 2016-April 2017
All events are now past: Please see Archive for descriptions and videos
http://ecohumanities.fiu.edu/

NEH, Humanities in the Public Square

Series of public events in partnership with local museums and cultural heritage institutions

Nationally recognized scholars and local environmentalists examine the challenges of climate change through culture and history

2016-2017, PI – April Merleaux
GETTING THE WATER RIGHT
A Dialogue on Culture, Politics, and Water in the Everglades at Vizcaya Village Garage

SUNDAY, APRIL 30, 2017
from 4:00pm to 6:00pm
Free and open to the public
Vizcaya Village Garage | 3250 S. Miami Avenue | Miami, FL 33129

ABOUT THE EVENT
Join us to hear an unusual combination of perspectives representing the intersection of human experience and science in the Everglades. Speakers offer insights to move us beyond a simplistic story of agriculture vs. environment in hopes of protecting the ecosystem's health. The conversation will incorporate images of the photographic and ethnographic exhibition Getting the Water Right: The Culture and Politics of Water in the Everglades, which is on view throughout the Everglades National Park. A collaboration of the prize-winning photographer Adam Nadel and UCLA anthropologist Jessica Cattelino. Getting the Water Right visually and textually explores the interplay of ecological, social, and cultural processes in one of the world's most iconic and imperiled wetlands ecosystems. Nadel and Cattelino will speak, along with Jim Shore, General Counsel for the Seminole Tribe of Florida, Clevelston City Commissioner Mall Gardner, and FIU biologist Evelyn Gaiser.

Registration and more information at https://rightwaterfauvízcayavillage.eventbrite.com

From http://ecohumanities.fiu.edu/
EYES ON THE RISE

http://www.eyesontherise.org/

VirtualEYES
COMMUNITY AWARENESS
SEA LEVEL RISE TOOLBOX
http://citizeneyes.org/app/
Making Waves in Opa-Locka: History and Rising Seas

Rising Seas

The city did not help to maintain black communities who settled in Opa-Locka in the late 1940s. By the early 1950s, neighborhoods in Opa-Locka were already showing signs of neglect. The construction of Interstate 95 during the late 1950s and early 1960s dug segregation’s roots even deeper. In the 1960s, the Miami City Commission improved the "white slums" by building parks, libraries, water processing plants, and other amenities while simply razing homes to the ground in Opa-Locka to make room for large public housing.

It should be noted that city planners did not likely consider the impact rising sea levels would have on the future of Miami and residents of Opa-Locka. However, this does not erase the fact that many black Miami residents were relocated from Overtown to areas of lower elevation such as Opa-Locka. City planners and white residents intentionally created a segregated community by setting aside areas in Opa-Locka for black residents. The decisions from nearly 60 years ago impact the lives of those in Opa-Locka today, and may have a profound impact in the future regarding rising sea levels.

The Union of Concerned Scientists' 2015 study, "Surviving and Thriving in the Face of Rising Seas," deemed Opa-Locka a "climate equity hotspot" because it lies near the coast, sits at low elevation (about 6 feet), and its socioeconomic status. Sea levels in the Miami area are expected to rise between 9-24 inches by 2060, creating more flood risk and threatening water supply. With a median household income of just over $20,000, Opa-Locka residents are ill-equipped to prepare for rising seas.

To see future sea level rise projections, visit http://www.eyesontherise.org/

Explores the impact of climate change on vulnerable communities in south Florida.

An investigation into the history of the Opa-Locka community in an attempt to find the origins of its residents' socioeconomic troubles and how sea level rise may impact them in the future.
1960s and 1970s postcards of Florida fauna and flora and Native American villages

Dublin Core

Title

1960s and 1970s postcards of Florida fauna and flora and Native American villages

Creator

Rubel, Amadeus B. (Photographer)
Willard, W. W. (Photographer)
Hannau, H. W. (Photographer)
Valence Color Studios (Photography Studio)
Griffin, Marlin T. (Photographer)

Source

http://dpanther.fiu.edu/dpService/dpPurlService/purl/AA00000049/00001
Don't count on living in Miami: a human geographical approach to understanding the ramifications of sea level rise for urban Miami
SEA LEVEL RISE COLLECTION

A collection of publications, reports, presentations and research on sea level rise. This collection is comprised of research from various faculty and departments throughout FIU and is part of FIU's Sea Level Rise research initiative.

CONTEXTUALIZING ARCHIVES
AN ISLAND LUMINOUS

http://islandluminous.fiu.edu/

“... a site to help readers learn about Haiti’s history. Created by historian Adam M. Silvia and hosted online by Digital Library of the Caribbean, An Island Luminous combines rare books, manuscripts, and photos scanned by archives and libraries in Haiti and the United States with commentary by over one hundred (100) authors from universities around the world.”
Hispaniola, the island that Haiti and the Dominican Republic now share, was inhabited maybe as early as 4000 BCE by migrants originally from Central America. By 1200 CE, northern Caribbean civilizations had mixed and evolved into the Taino, whom Christopher Columbus encountered when he arrived in 1492. Columbus promptly returned to Spain to report to the royal court. But one ship, the Santa Maria, wrecked on the island's shore and its crew stayed behind. They built a settlement, Navidad, which the Taino destroyed when the Spaniards provoked them. When the Spanish returned in subsequent voyages, they subjugated the Taino, who were decimated by disease and overwork. Native leaders like Aannaone were executed. As the Tainos dwindled in number, and sympathizers like the Spanish Friar Bartolomé de las Casas came to their defense, the colonizers started to import more and more enslaved Africans to serve as workers, which led to the Atlantic slave trade.

While the first court of the Spanish crown in the Americas was the Royal Audiencia of Santo Domingo, created in 1526, the Spanish nonetheless started to neglect Hispaniola when they discovered precious metals in Central and South America. French pirates, filibusters, were thus able to settle in what is today Haiti. To consolidate power over this new society, the French monarchy urged planters to settle there. The planters imported enslaved Africans to cultivate tobacco, indigo, and sugar, which were sold in Europe. In the 1897 Treaty of Ryewick, Spain ceded dominion over western Hispaniola to France. The colony, renamed Saint-Domingue, would become the most important asset in the French Atlantic economy. The enslaved Africans were brutally exploited, but some escaped and established maroon societies. In 1805, the crown introduced the Code Noir, which allowed slave owners to violently discipline their slaves. The code also allowed slave owners to free their slaves, and let slaves buy their own freedom, provided their owners approved. Hence by 1780 there were numerous free people of color, many of whom demanded the same liberties as whites. Some served in the French volunteer infantry that helped the United States win its independence.
GETTING STARTED...
SURMOUNTING DIGITAL HUMANITIES

Technology

Research
BALANCING ACT FOR DIGITAL HUMANITIES

- Locating Content
- Intellectual Property
- Audience

- Preservation
- Accessibility
- Troubleshooting
- Technology Learning Curve
TECHNOLOGY TIPS

- Plan for sustainability by using **standardized**, **exportable**, and **well supported** tools

- **Stay up-to-date** with new technologies and changes to existing technologies

- Keep in mind that technologies can experience “**end of life**” or “**end of support**”
JOIN ORGANIZATIONS

HASTAC - (Humanities, Arts, Science, and Technology Alliance and Collaboratory)
- https://www.hastac.org/

Digital Library Federation
Digital Humanities Slack group
- digitalhumanities.slack.com
READ ABOUT WHAT OTHERS ARE DOING

The Journal of Interactive Technology and Pedagogy
○ https://jitp.commons.gc.cuny.edu

Digital Humanities Quarterly
○ http://www.digitalhumanities.org/dhq

Journal of Digital Humanities (JDH)
○ http://digitalhumanitiesnow.org/
ATTEND CONFERENCES & WORKSHOPS

Alliance of Digital Humanities Organizations (ADHO)
- https://dh2018.adho.org

DLF Community Calendar
- https://www.diglib.org/opportunities/calendar/
EXPLORE & PLAY!
THANK YOU

Questions?

rogersj@fiu.edu