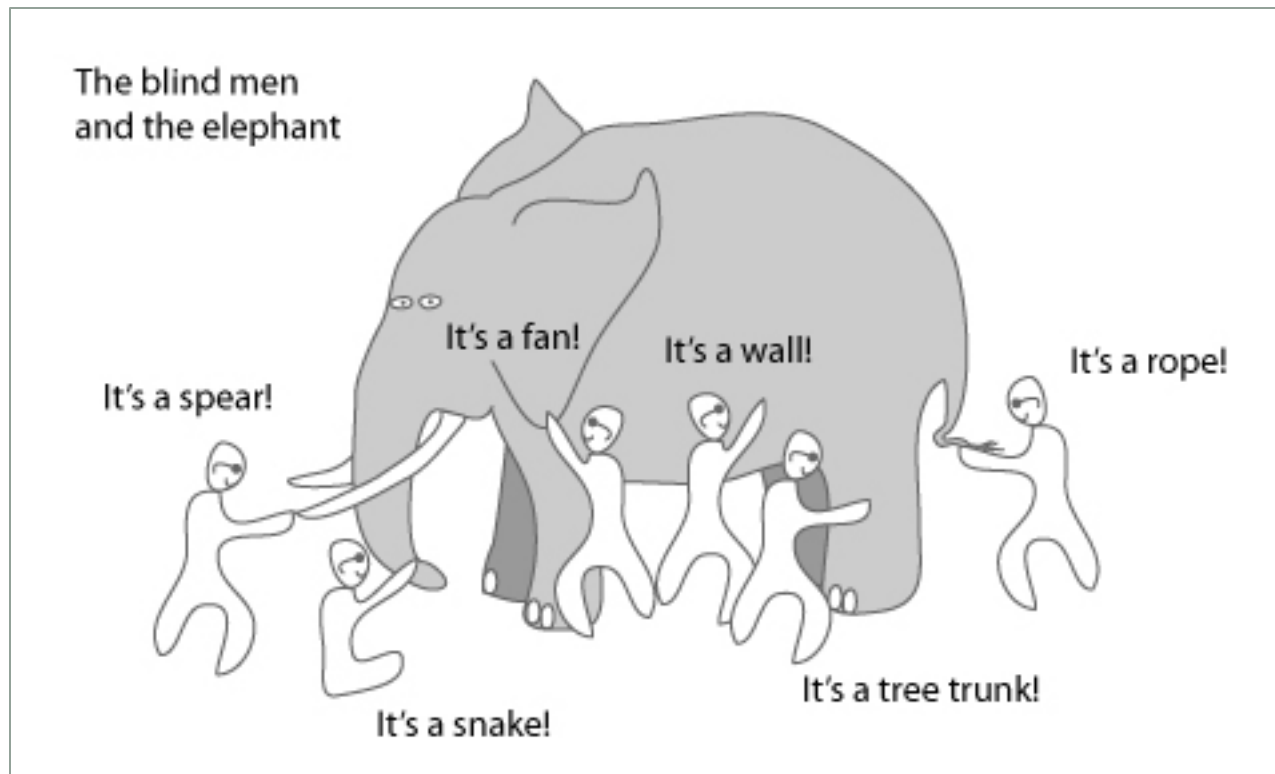


# #GIS + #DH = #ACK

---



# What are (the) Digital Humanities?



# What are Digital Humanities?



## Aaron Gulyas

Mott Community College

For me, the heart of digital humanities/history is in finding or creating tools and resources to more effectively teach my students. Sometimes that involves helping students create their own tools and resources. In my role as part of our Center for Teaching and Learning, I also find myself teaching other teachers to use these tools as well.



## Aaron Mauro

University of Victoria (Electronic Textual Cultures Lab)

I tend to lean towards an open definition of digital humanities. If you are making or using digital tools to study, archive, or create "something" in the humanities, you are a digital humanist! I thoroughly expect the nuances of DH theory, tools, and methods to change and evolve as technology and culture changes. The happy side-effect of the varied means and modes of technological change in DH practice allows many of us to follow the tone and tenor of cultural production more closely.



## Abby Mullen

Northeastern University

DH is a new way of approaching the humanities. It enables us to approach new questions, using new methodologies, and working with each other in new ways.



## Abby Schreiber

The Ohio State University

Using digital tools and methods to aid in interpretation and analysis of historic (or, humanistic) narrative and data.



## Adam Heidebrink

Independent Scholar

Digital Humanities is a field of study that enables us to reimagine and reconfigure methodologies and pedagogies across the curriculum. It is in part inspired by, though not confined within, evolving

## DAY OF DH TWITTER STREAM



**Kathleen Mayes Hines:** the product of many hours' work-trying to define DH- Please feel free to comment!!! #cceng380 #dayofdh #dh @cesgnal <http://t.co/MqXF4YRD86> about 3 days ago



**Bill Hart-Davidson:** @rogerwhitson @captain\_prime @matrix\_msu but I didn't have a #DayofDH one with me... We should see if we can dig one up about 3 days ago



**Christof Schöch:** Spamfilter on Day of DH 2013 site getting worse, it seems! #dayofdh about 4 days ago



**Kathleen Mayes Hines:** <http://t.co/m9lvDsKnuz> blogs revised! Please feel free to comment! I'm open to criticism & constructive criticism #cceng380 #DayofDH about 5 days ago

# Characteristics



# THATCamp

[HOME](#)[ABOUT](#)[REGISTER](#)[PROPOSE](#)[SCHEDULE](#)[CHALLENGE](#)[CAMPERS](#)[SPONSORS](#)[TRAVEL](#)[THATCAMP 101](#)

## More about NARA transcribathon and tagathon

by [Amanda French](#)

[Meredith Stewart](#) and colleagues from the National Archives will be running Transcribathon and Tagathon sessions on Friday, June 7. Here's her description:

*Staff from the National Archives will lead participants in tagging and transcribing historical records through the agency's [Citizen Archivist Dashboard](#). Participants will be able to provide*

## THATCamp CHNM

**June 7-8, 2013**

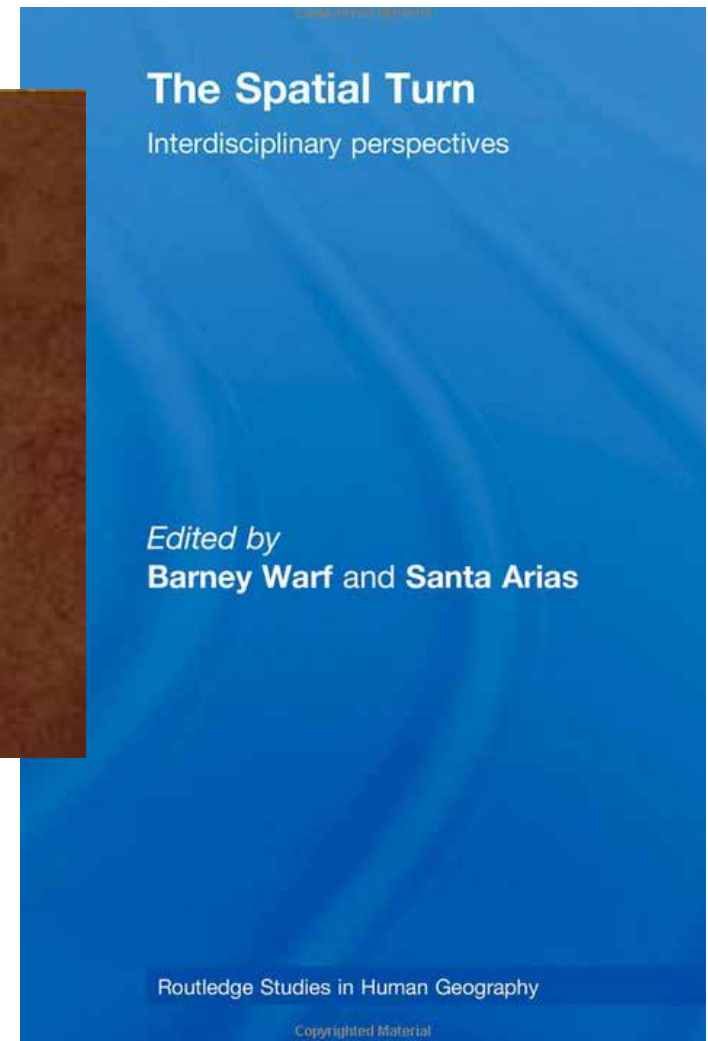
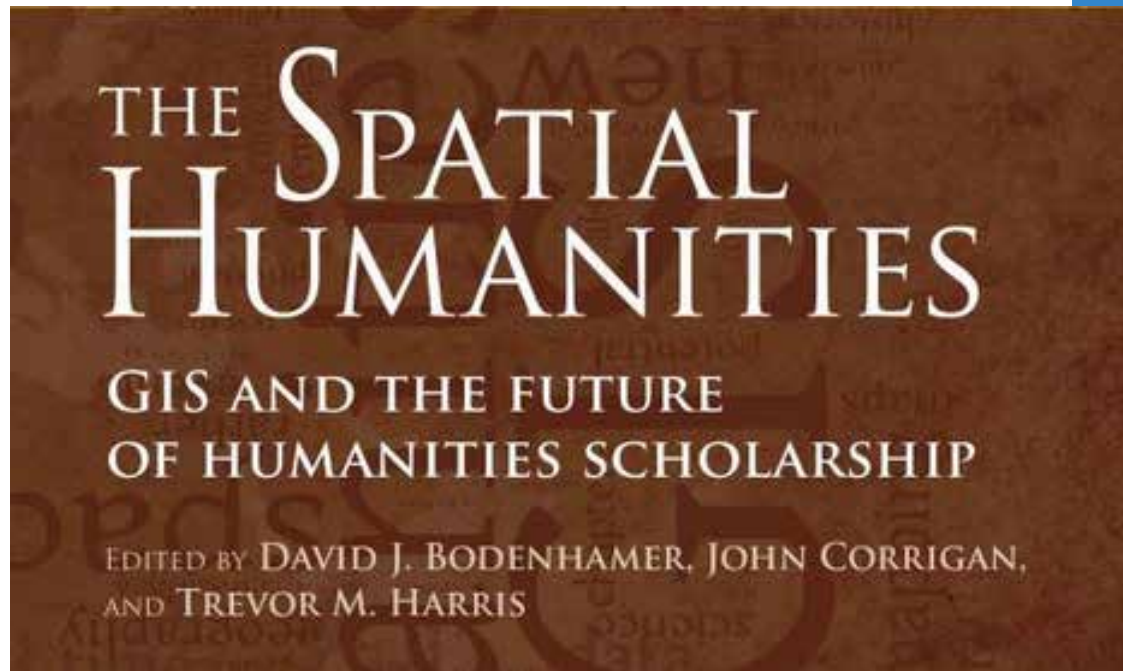
**Roy Rosenzweig Center for**

**History and New Media**

**Fairfax, VA**



# Spatial Turn



# Connections



## The Spatial History Project

A part of the  
Center for Spatial and  
Textual Analysis (CESTA)

**CURRENT PROJECTS**

- Animal City
- Chile's Aquaculture Industry, 1950-2000
- Chinese Canadian Stories
- Enchanting the Desert
- Geography of the Post
- Holocaust Geographies
- Forma Urbis Romea Project
- Forming Selves
- The Law of the Antebellum Frontier
- A Microhistory of the Great Migration
- Rebooting History
- Reconstructing California Conservation History
- Richard Pryor's Poetics
- Shaping the West
- Tamara of History
- Vulnerability in Production at the Wildland/Urban Interface

**RECENT VISUALIZATIONS**

Animal City

A Decade of Fire in Western Australia

Chinese Canadian Immigrant Projects, 1910-1923

Chinese Canadian Immigrant Projects, 1910-1923



The Spatial History Project at Stanford University, a part of the Center for Spatial and Textual Analysis (CESTA) is made possible by the generous funding of the Andrew W. Mellon Foundation.

### RECENT UPDATES

18 March 2013

#### Student Opportunities

We are now accepting applications for paid undergraduate Research Assistants for the Spring Quarter and Summer Session to work on one or more of our research projects. We seek independent and motivated students to engage in original research, and who can support a variety of projects in our lab.

Ideal candidates will have previous skills in - or willingness to learn - spatial analysis, data visualization, web or app design, statistics, writing, graphic arts, library research, or computer programming. Our data visualization projects span the digital humanities and include a wide range of tools and methodologies. Please see below of a brief summary of current research projects in the lab.

Candidates are likely to work on a variety of projects in a diverse community of experienced technical staff, driven students, and recognized faculty. Undergraduate Researchers are paid \$15 per hour for a maximum of 10 hours per week during the spring quarter, and the working schedule is flexible within typical business hours of 8am-5pm, Monday through Friday. Summer session RA's typically work full time, 40 hours per week for ten weeks.

**TO APPLY**

Current Stanford undergraduate students are eligible to apply, including those who qualify for Federal Work Study funding. Interested applicants should submit the following to Matt Bryant by 5pm on Wednesday March 27.

- Cover Letter explaining your interest in working with us, including your strengths, skills, and the types of research projects that you are interested in working on
- Resume highlighting relevant skills and qualifications
- Sample of Work best reflecting the skills you would bring to the team (e.g. class paper, artwork, hyperlink to a web-based project)

STANFORD UNIVERSITY

MAY 11, 2013

- Publications
- About Us
- Gallery
- Resources

SEARCH

**GALLERY**

**OUR TEAM**

**RESEARCHERS**

**NICHOLAS BAUCH** - (Researcher) Nicholas Bauch is a postgraduate who, today, offers insight...

**CAMERON BLEVINS** - (Researcher) Cameron Blevins is a PhD candidate studying digital and...

**ANDREW GERHART** - (Researcher) Andrew Gerhart is a Ph.D. candidate in the Cornell University...

**ALLYSON HOBBS** - (Researcher) Allyson Hobbs is an assistant professor of American and...

**MICHAEL LEVIN** - (Researcher) Michael Levin is a documentary filmmaker and specialist in...

**MARIA J. SANTOS** - (Post Doctoral Fellow) Maria J. Santos joined the Spatial History Project at the...

**SCOTT SAILL** - (Researcher) Scott Saill is an associate professor of English and...

**EDITH SHEFFER** - (Researcher) Edith Sheffer is an Assistant Professor of Modern European...

**GREGORY SIMON** - (Researcher) Gregory Simon is an Assistant Professor in the Department of...

**JIM TICE** - (Researcher) Professor of Architecture James Tice at the University of Cr...

**LEA VANDERVELDE** - (Researcher) Lea VanderVelde is the Josephine B. White Professor of Law...

**RICHARD WHITE** - (Former Director) Richard White is the Margaret Byrne Professor of American H...

**DARYLE WILLIAMS** - (Researcher) Daryle Williams, Associate Professor of History at...

# Fighting Words

- Similarly, Geographic Information Systems (GIS) offer dramatic new means to analyze spatiality, even if these are often drenched in empiricist and positivist epistemologies [emphasis added]. GIS, therefore, is not simply reflective of the new importance of space, but also constitutive of it. (Warf and Arias, eds. 2008)



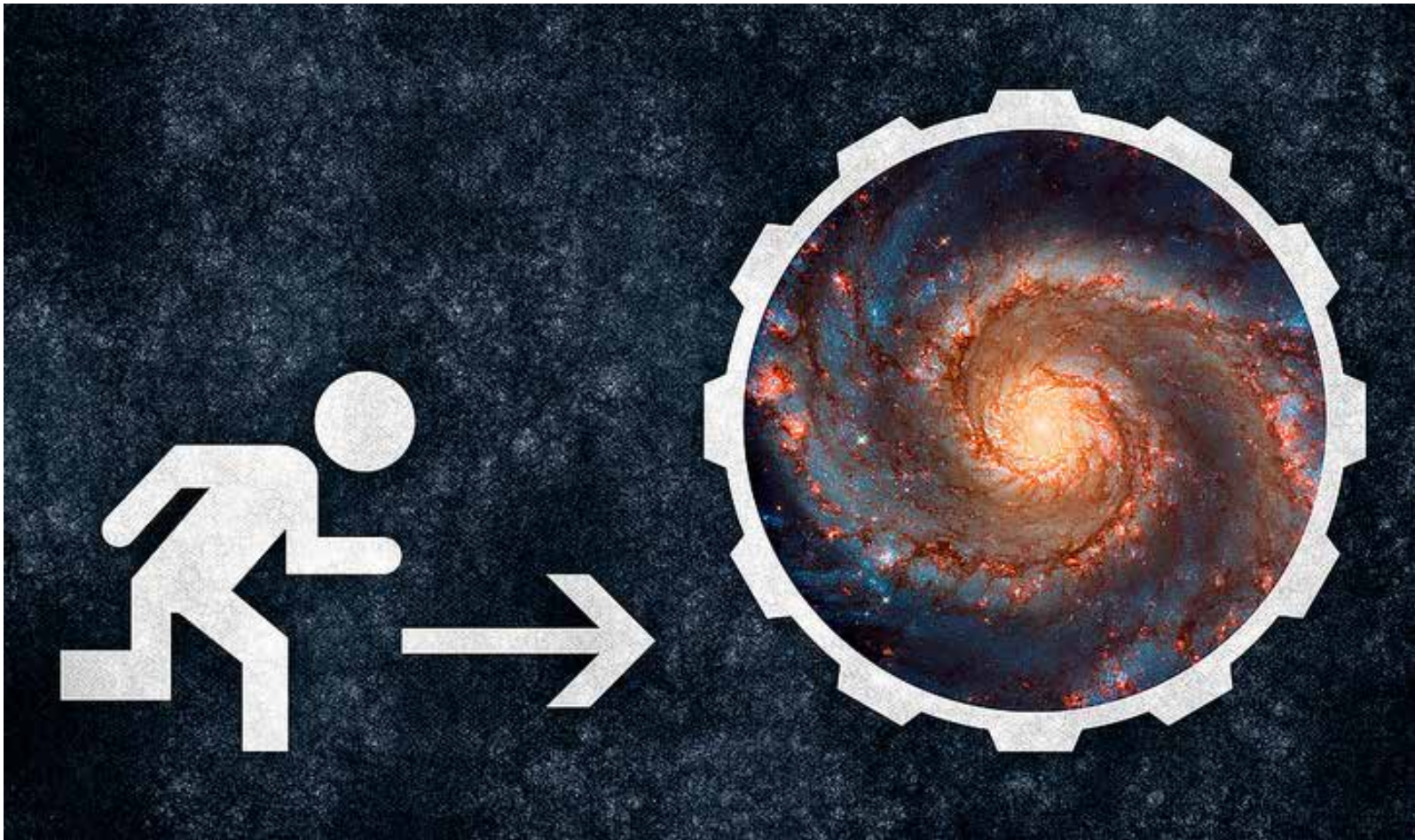
# Fighting Words

- As Richard White explains, “GIS often ends up emphasizing not the constructed-ness of space but rather its given-ness, which is fine if you are setting out to bomb something or go out to eat.” The technology shows its limitations, however, when the purpose is to understand “a wider spectrum of human constructions of space over time.” ([http://toolingup.stanford.edu/?page\\_id=1167](http://toolingup.stanford.edu/?page_id=1167), accessed 05/12/2013)

# Parallels

- Space
- Visualization
- Scale
- Stories

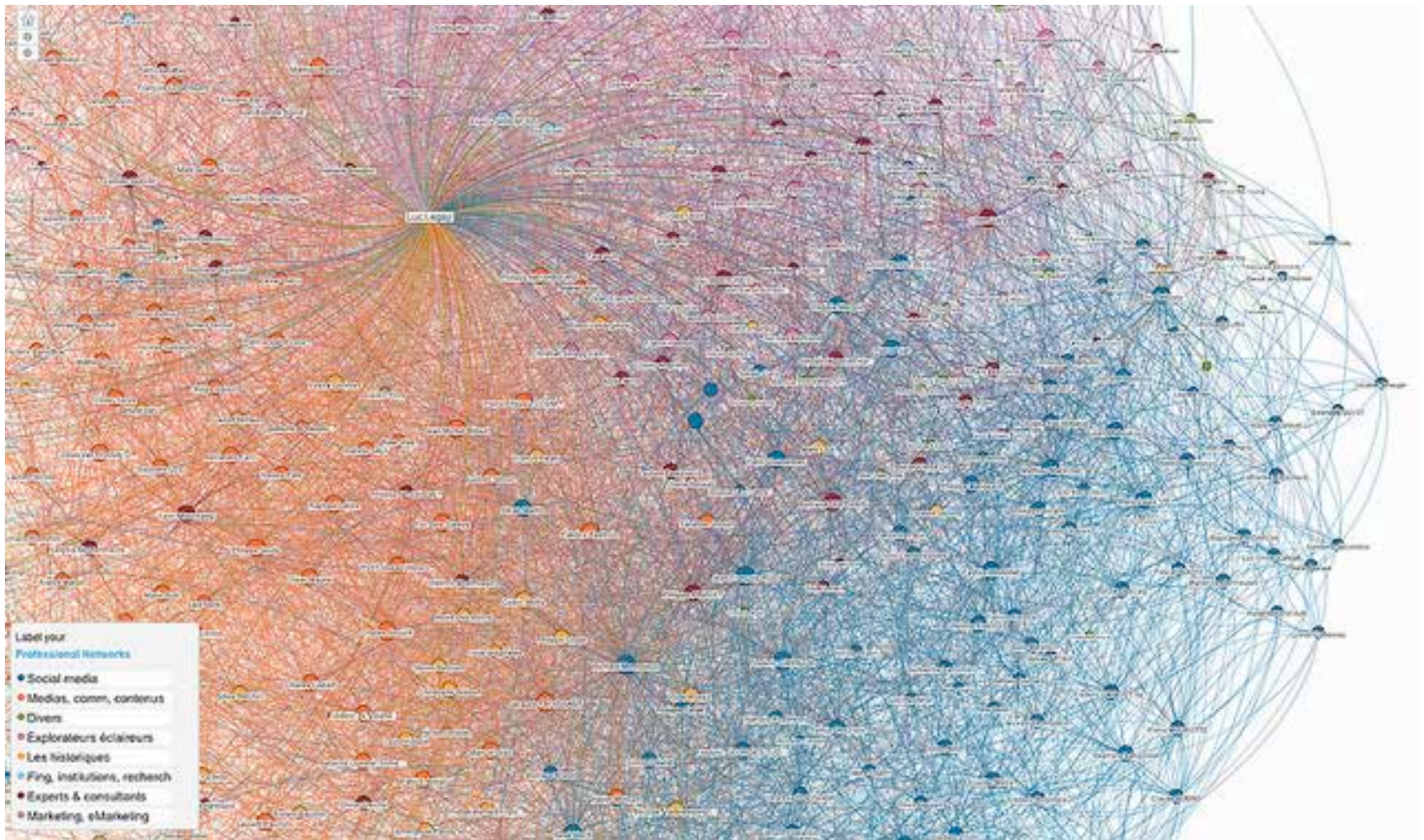
# Space



<http://freestock.ca/>

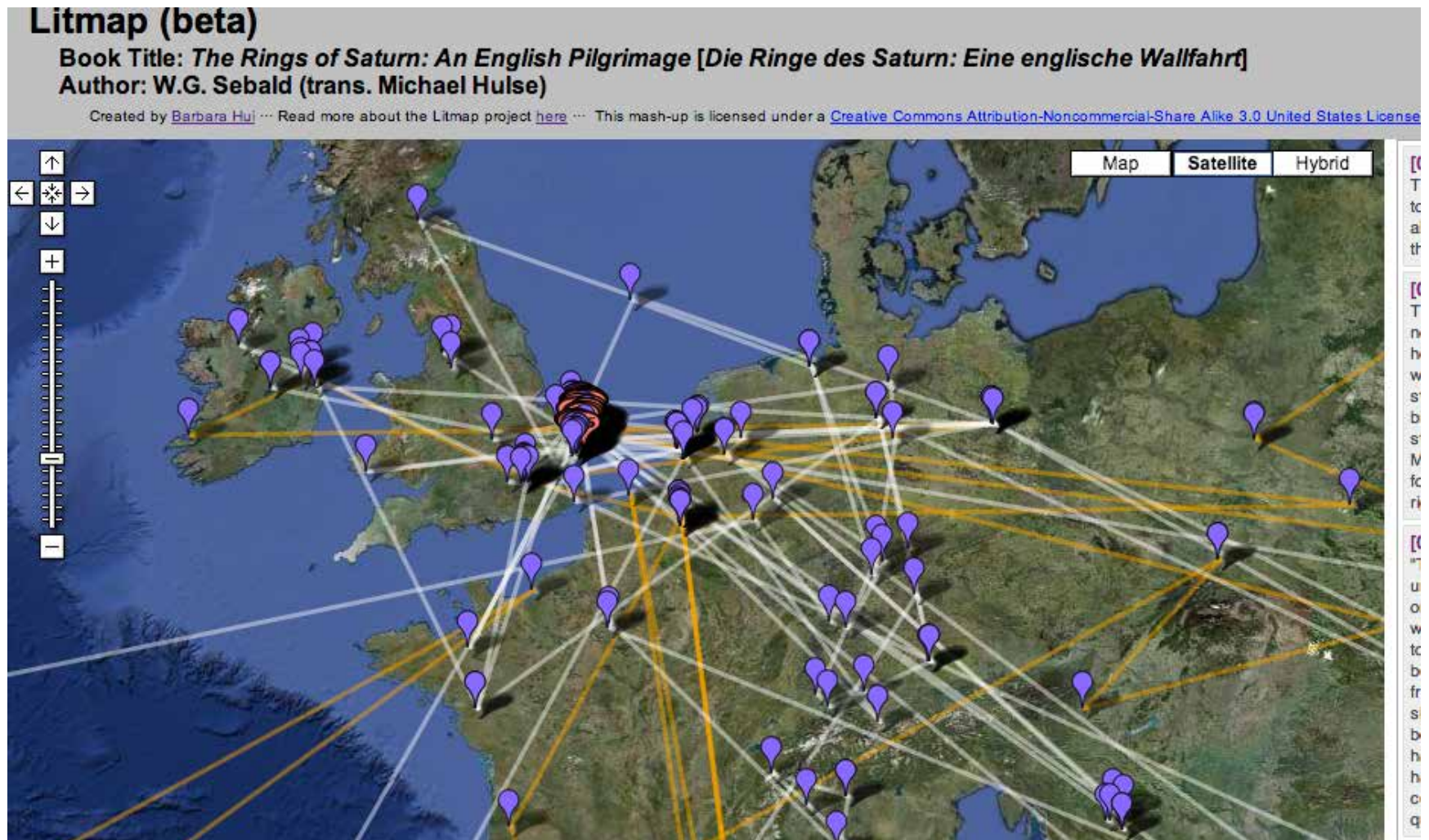


# Visualization





# Scale





# Stories



# Neatline

[ABOUT](#) [PLUGINS](#) [DEMOS](#) [NEWS](#) [CREDITS](#)

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.

[Live Sandbox](#)[Download](#)[Demo Exhibits](#)

# HyperCities



The screenshot shows the HyperCities website. At the top is a dark header with the HyperCities logo (three stacked rings) and the text "hypercities". To the right is a search bar with the word "search" and a magnifying glass icon. Below the header is a yellow navigation bar with links: Home, About, Research, Education, Getting Involved, Getting Started, and Help. The main content area has a grey background. On the left is a preview of a HyperCities project titled "hypercities :: HOW DOES IT WORK?" showing three historical maps of a city for the years 1935, 1977, and 2007. To the right of this is a large button that says "Launch HyperCities". Below the button is a text block: "HyperCities is a collaborative research and educational platform for traveling back in time to explore the historical layers of city spaces in an interactive, hypermedia environment." Further down is a section titled "Recent Posts" with two entries. The first entry is "NEH Summer Institute at UCLA: Digital Cultural Mapping (June 18-July 6, 2012)" by presner, dated December 16, 2011, with 1 comment. The second entry is "HyperCities Los Angeles Launches" by presner, dated August 29, 2011. Below these is a section titled "NEH Summer Institute at UCLA: Digital Cultural Mapping (June 18-July 6, 2012)" with more details: "Directed by: Todd Presner, Diane Favro, and Chris Johanson" and "Please visit <http://hypercities.com/NEH> for the full schedule".

hypercities

search

Home About Research Education Getting Involved Getting Started Help

hypercities :: HOW DOES IT WORK?

1935

1977

2007

Launch HyperCities

HyperCities is a collaborative research and educational platform for traveling back in time to explore the historical layers of city spaces in an interactive, hypermedia environment.

**Recent Posts**

**NEH Summer Institute at UCLA: Digital Cultural Mapping (June 18-July 6, 2012)**

presner | December 16, 2011 | In Uncategorized

1 comment

**HyperCities Los Angeles Launches**

presner | August 29, 2011 | In Uncategorized

**NEH Summer Institute at UCLA: Digital Cultural Mapping (June 18-July 6, 2012)**

Directed by: Todd Presner, Diane Favro, and Chris Johanson

Please visit <http://hypercities.com/NEH> for the full schedule

# Cityscapes

**Tokyo Demo Site:**  
Demonstration of Overlaying Historic Maps on a Modern City Using MapApp

The screenshot shows the MapApp interface for the Tokyo Demo Site. The main map area displays a modern city map of Tokyo with historic map overlays in red and yellow. The interface includes a map control bar at the top with 'Map', 'Satellite', 'Hybrid', and 'Terrain' options. On the right, there are two panels: 'Map Size' with 'Enlarge Map' and 'Reduce Map' buttons, and 'Opacity Controls' with sliders for years 1680, 1799, 1858, 1892, and 1945. At the bottom right is a 'Go To' panel with a text input field and a 'Go' button.

<https://www.amherst.edu/offices/it/projects/atsprojects/cityscapes>



# Gephi


[Download](#) [Blog](#) [Store](#) [Wiki](#) [Forum](#) [Support](#) [Bug tracker](#)
[Home](#) [Features](#) [Learn](#) [Develop](#) [Plugins](#) [Services](#) [Consortium](#)

## The Open Graph Viz Platform

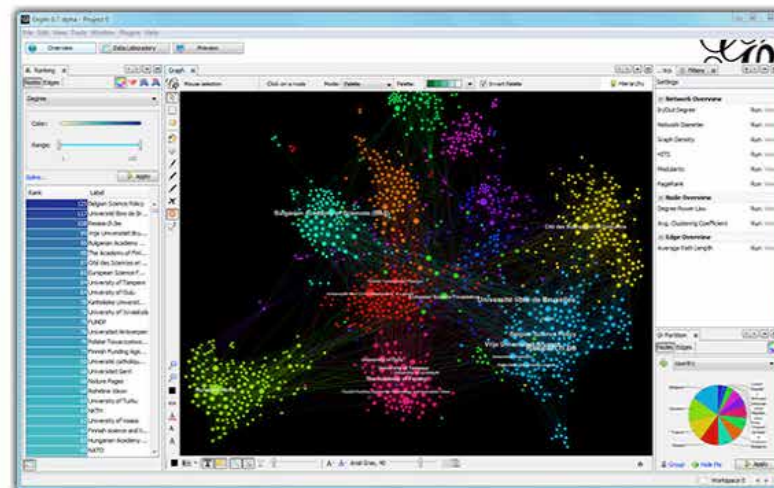
Gephi is an interactive visualization and exploration **platform** for all kinds of networks and complex systems, dynamic and hierarchical graphs.

Runs on Windows, Linux and Mac OS X. Gephi is open-source and free.

[Learn More on Gephi Platform »](#)

[Release Notes](#) | [System Requirements](#)

- [Features](#)
- [Quick start](#)
- [Screenshots](#)
- [Videos](#)



**Gephi 0.8.1-beta has been released! Discover a new Timeline, dynamic ranking and weighted community detection.**

[Learn More »](#)

### APPLICATIONS

- ✓ **Exploratory Data Analysis:** intuition-oriented

“Like Photoshop™ for graphs.”

### PAPERS

[Empty box for papers]



# What are Digital Humanities?



**Aimée Morrison**

University of Waterloo

Let's be broad: DH is the self-reflexive, critical practice of humanistic enquiry with computer



**Bethany Nowviskie**

University of Virginia, Association for Computers & the Humanities

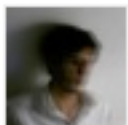
You say potato, I say potato. Let's call the whole thing off. (Or, more seriously: I "define" DH with some reluctance. We're an interdisciplinary, inter-professional community of practice; we develop and test an evolving set of methods; we undertake fresh work in the humanities and explore ways of making that work visible.)



**Caroline T. Schroeder**

University of the Pacific

Encoding, mapping, visualizing, and producing humanistic sources and knowledge in digital forms.



**Alex Gil**

Columbia University

Quoting my mother in law, "I don't know what it means, but it pays the bills."

# References

- Bodenhamer, David J., John Corrigan, and Trevor M. Harris. *The Spatial Humanities: GIS and the Future of Humanities Scholarship*. Bloomington: Indiana UP, 2010.
- "Day of DH 2013." *Day of DH 2013*. Web. 12 May 2013.
- "Tooling Up for Digital Humanities." *Tooling Up for Digital Humanities*. Web. 12 May 2013.
- Warf, Barney, and Santa Arias. *The Spatial Turn: Interdisciplinary Perspectives*. London: Routledge, 2009.