

# Digital Humanities Across Borders

Class 19: Going Across Borders

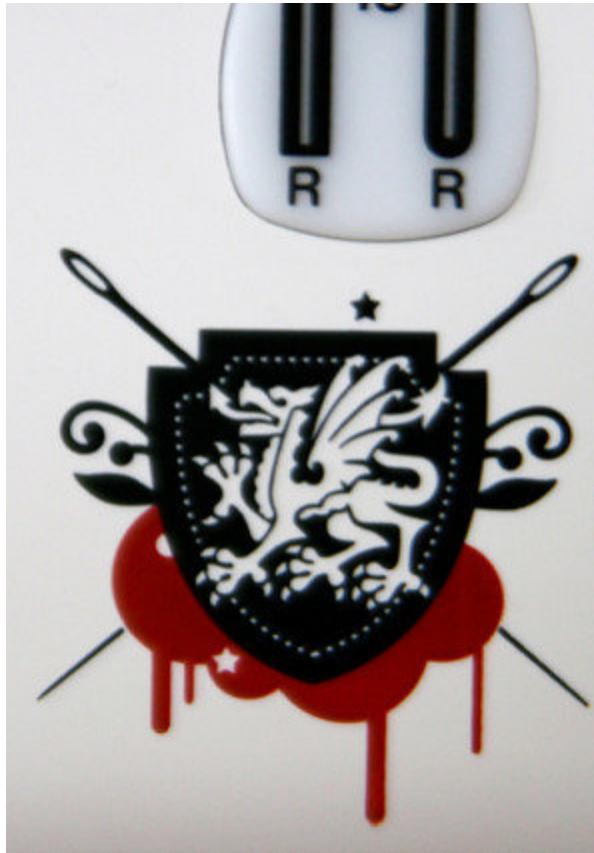
# Coming soon...

# Coming soon...

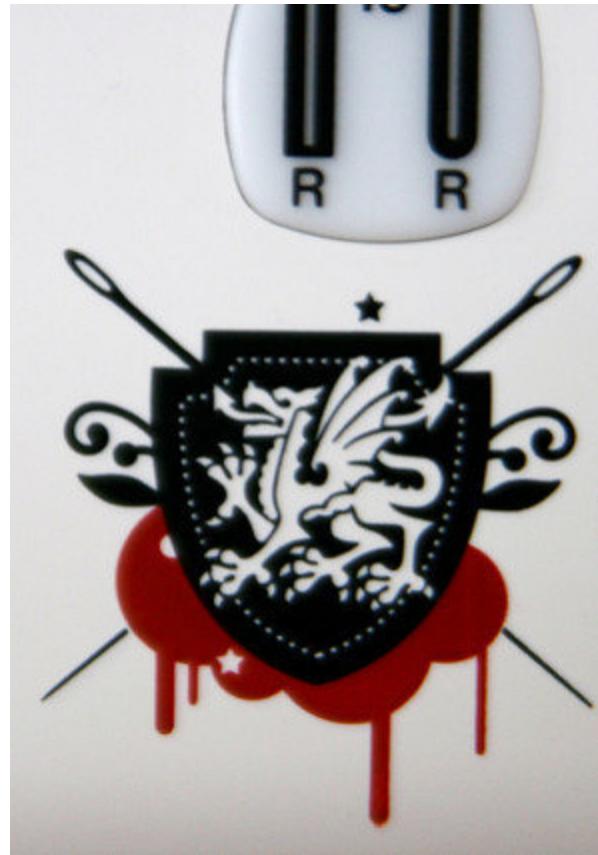


*A Year in the Life of Digital Humanities*

# Choose your path...

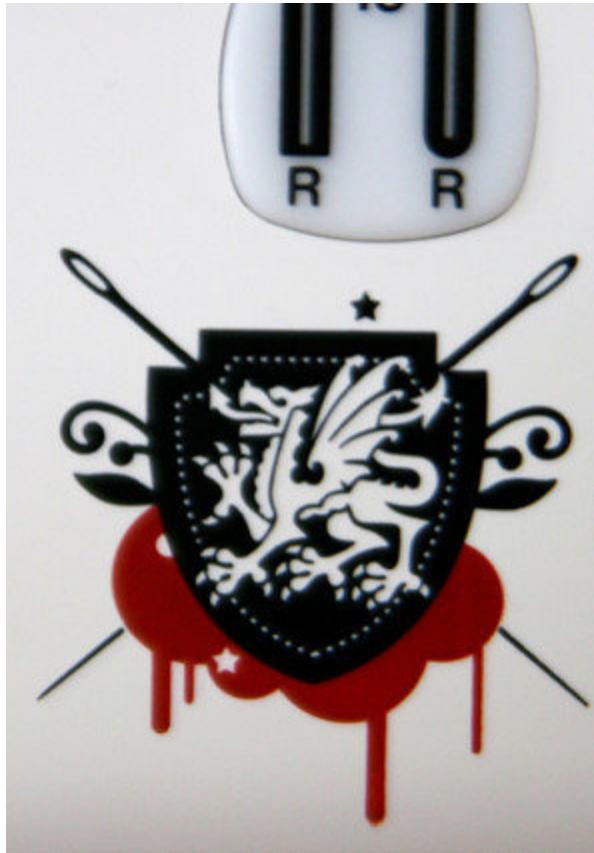


# Choose your path...



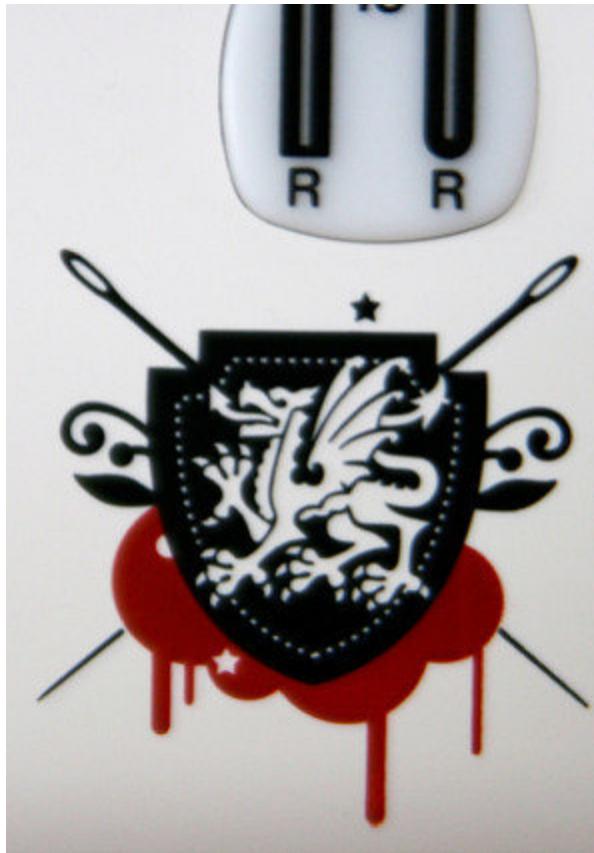
1. The neoliberal university

# Choose your path...



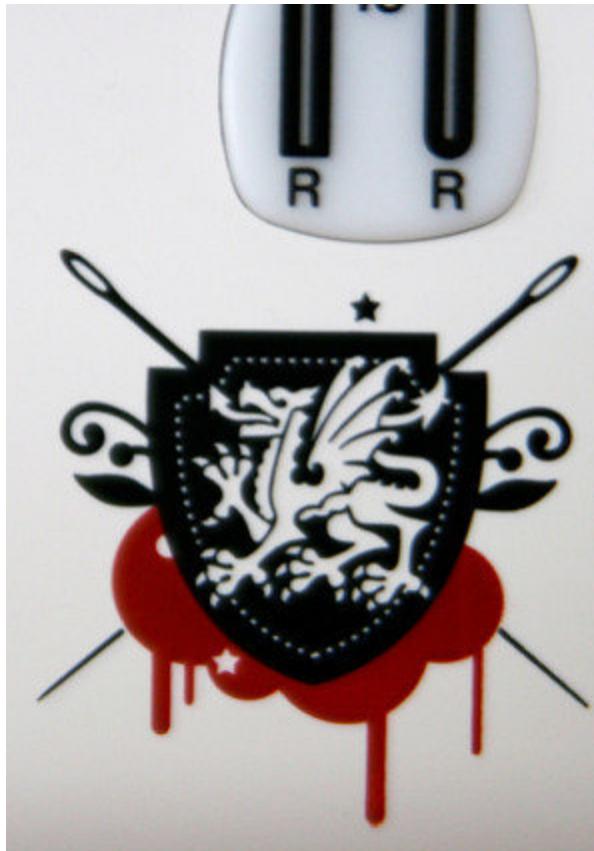
1. The neoliberal university
2. Being a more informed human in the world

# Choose your path...



1. The neoliberal university
2. Being a more informed human in the world
3. And now we return to our regularly scheduled programming

# Choose your path...

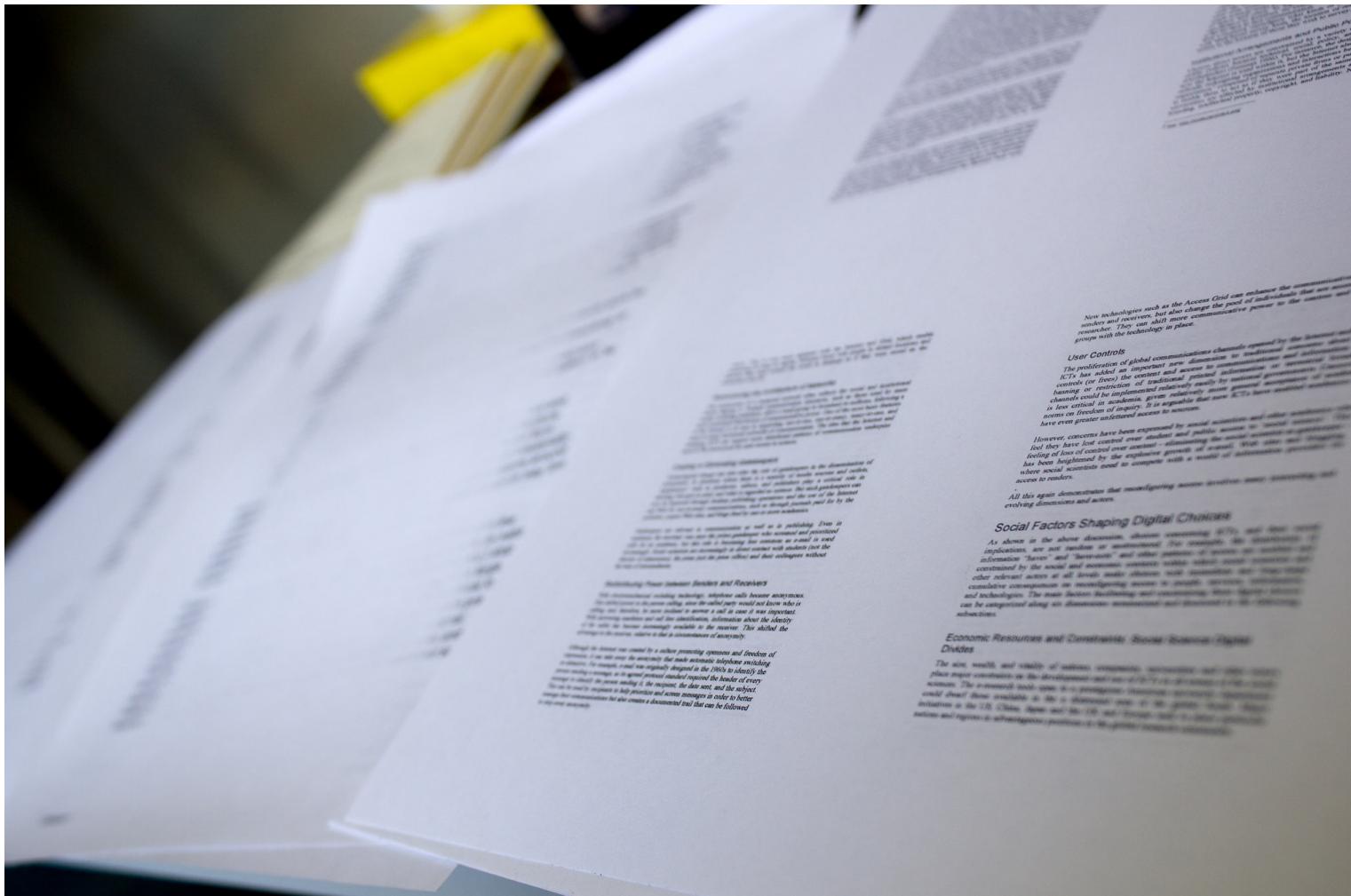


1. The neoliberal university
2. Being a more informed human in the world
3. And now we return to our regularly scheduled programming
4. Deeper into the forest of digital humanities

*You've chosen...*

# The Neoliberal University

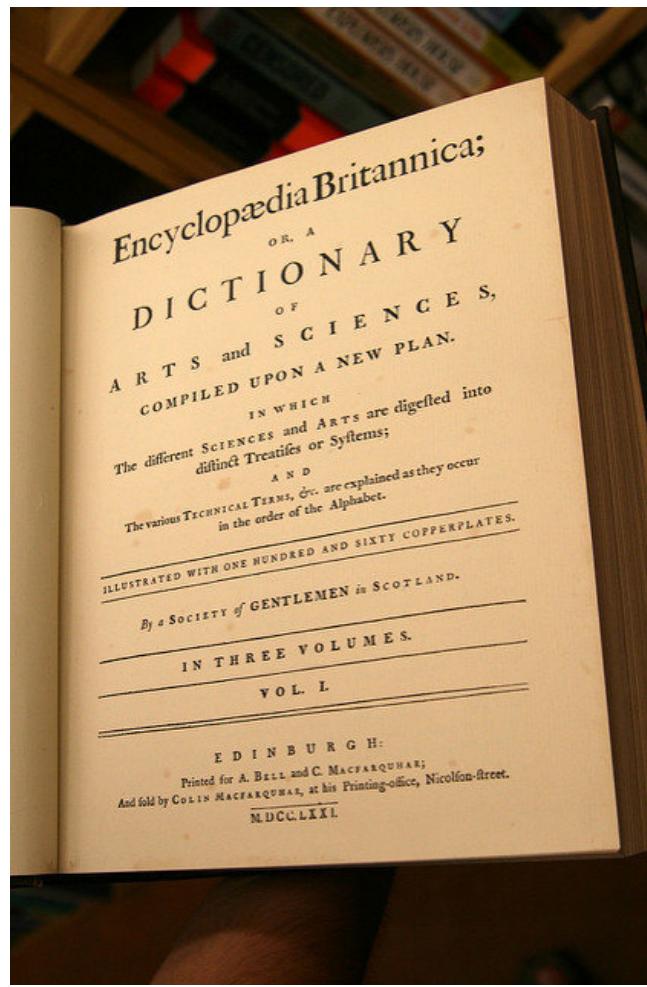
# Time to update your resume



# Here's the thing about job searches



# Here's the thing about job searches



# OCR

# OCR

Installing, configuring & running

# OCR

Installing, configuring & running

Tesseract

# OCR

Installing, configuring & running

Tesseract

Open source

# OCR

Installing, configuring & running

Tesseract

Open source

ImageMagick

# OCR

Installing, configuring & running

Tesseract

Open source

ImageMagick

Ghostscript

# OCR

Installing, configuring & running

Tesseract

ABBYY FineReader

Open source

ImageMagick

Ghostscript

# OCR

Installing, configuring & running

Evaluating

Tesseract

ABBYY FineReader

Open source

ImageMagick

Ghostscript

# OCR

Installing, configuring & running

Evaluating

Tesseract

ABBYY FineReader

Correcting

Open source

ImageMagick

Ghostscript

# Data (science)

# Data (science)

(*or is it capta* exploration?)

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(*or is it capta* exploration?)

Do you have any data?

# Data (science)

(*or is it capta* exploration?)

Do you have any data?

What makes it data?

# Data (science)

(or is it *captia* exploration?)

Do you have any data?

What makes it data?

When is(n't) it data?

# Data (science)

(or is it *captia* exploration?)

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What makes it data?

When is(n't) it data?

Parameterization for  
comparison

# Data (science)

(or is it *captia* exploration?)

Do you have any data?

What makes it data?

When is(n't) it data?

Parameterization for  
comparison

Boundedness

# Data (science)

(or is it *captia* exploration?)

Do you have any data?

What makes it data?

When is(n't) it data?

Parameterization for  
comparison

Ontological stability

Boundedness

# Data (science)

(or is it *captia* exploration?)

Do you have any data?

What makes it data?

When is(n't) it data?

Parameterization for  
comparison

Ontological stability

Deracination

Boundedness

# Data (science)

(or is it *capta* exploration?)

Do you have any data?

What makes it data?

When is(n't) it data?

Parameterization for  
comparison

Demarcation  
(e.g. dates)

Ontological stability

Deracination

Boundedness

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(e.g. dates)

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Categorization

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And who is your abstract "average person" anyway?

# Data (science)

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Do you have any data?

What makes it data?

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Parameterization for  
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Demarcation  
(e.g. dates)

Ontological stability

Categorization

Deracination

Boundedness

And who is your abstract "average person" anyway?

(Go read Roopika Risam's "New Digital Worlds" + Miriam Posner's work on data)

# Topic modeling

# Topic modeling

MALLET & Topic Modeling Tool

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Encoding issues  
(Unicode! Unicode! Unicode!)

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MALLET & Topic Modeling Tool

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More documents = better functionality

# Topic modeling

MALLET & Topic Modeling Tool

Encoding issues  
(Unicode! Unicode! Unicode!)

More documents = better functionality

Sometimes you just get garbage

# Web scraping

# Web scraping

webscraper.io

# Web scraping

webscraper.io

HTML

# Web scraping

webscraper.io

HTML

throttling

# Natural language processing (NLP)

# Natural language processing (NLP)

segmenting

# Natural language processing (NLP)

segmenting

debugging Java

# Natural language processing (NLP)

segmenting

command-line

debugging Java

# Natural language processing (NLP)

segmenting

command-line

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lemmatization

# Natural language processing (NLP)

segmenting

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named-entity  
recognition (NER)

# Natural language processing (NLP)

segmenting

command-line

debugging Java

part-of-speech  
tagging

lemmatization

named-entity  
recognition (NER)

# Natural language processing (NLP)

segmenting

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part-of-speech  
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named-entity  
recognition (NER)

computational text analysis

# Geocoding

# Geocoding

running & modifying a Python script

# Geocoding

running & modifying a Python script

installing Python modules  
using pip & conda

# Geocoding

running & modifying a Python script

Anaconda

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using pip & conda

# Geocoding

running & modifying a Python script

Anaconda

installing Python modules  
using pip & conda

using a geographic database (Geonames)

# Geocoding

running & modifying a Python script

Anaconda

installing Python modules  
using pip & conda

using a geographic database (Geonames)

using web-based mapping tools

# Data cleaning

# Data cleaning

adding header rows

# Data cleaning

adding header rows

standardizing metadata

# Data cleaning

adding header rows

cleaning up extra spaces

standardizing metadata

# Data cleaning

adding header rows

csv, tsv, txt files

cleaning up extra spaces

standardizing metadata

# Data cleaning

OpenRefine

adding header rows

csv, tsv, txt files

cleaning up extra spaces

standardizing metadata

# Network analysis

# Network analysis

Cytoscape

# Network analysis

Cytoscape

nodes

# Network analysis

Cytoscape

nodes  
edges

# Network analysis

Cytoscape

nodes  
edges

degree

# Network analysis

Cytoscape

nodes  
edges

degree

degree +  
edge weight =  
strength

# Network analysis

Cytoscape

nodes  
edges

degree

degree +  
edge weight =  
strength

directed &  
undirected

# Network analysis

Cytoscape

edges

nodes

degree

degree +  
edge weight =  
strength

directed &  
undirected

bimodal  
networks are  
harder to  
analyze

# Network analysis

Cytoscape

nodes  
edges

degree

degree +  
edge weight =  
strength

directed &  
undirected

clustering coefficients vs.  
neighborhood connectivity

bimodal  
networks are  
harder to  
analyze

# Network analysis

Cytoscape

edges

nodes

degree

degree +  
edge weight =  
strength

directed &  
undirected

eccentricity

clustering coefficients vs.  
neighborhood connectivity

bimodal  
networks are  
harder to  
analyze

# Be the unicorn



Secure your place in tomorrow's economy,  
today!

*You've chosen...*

Being a more  
informed human in  
the world

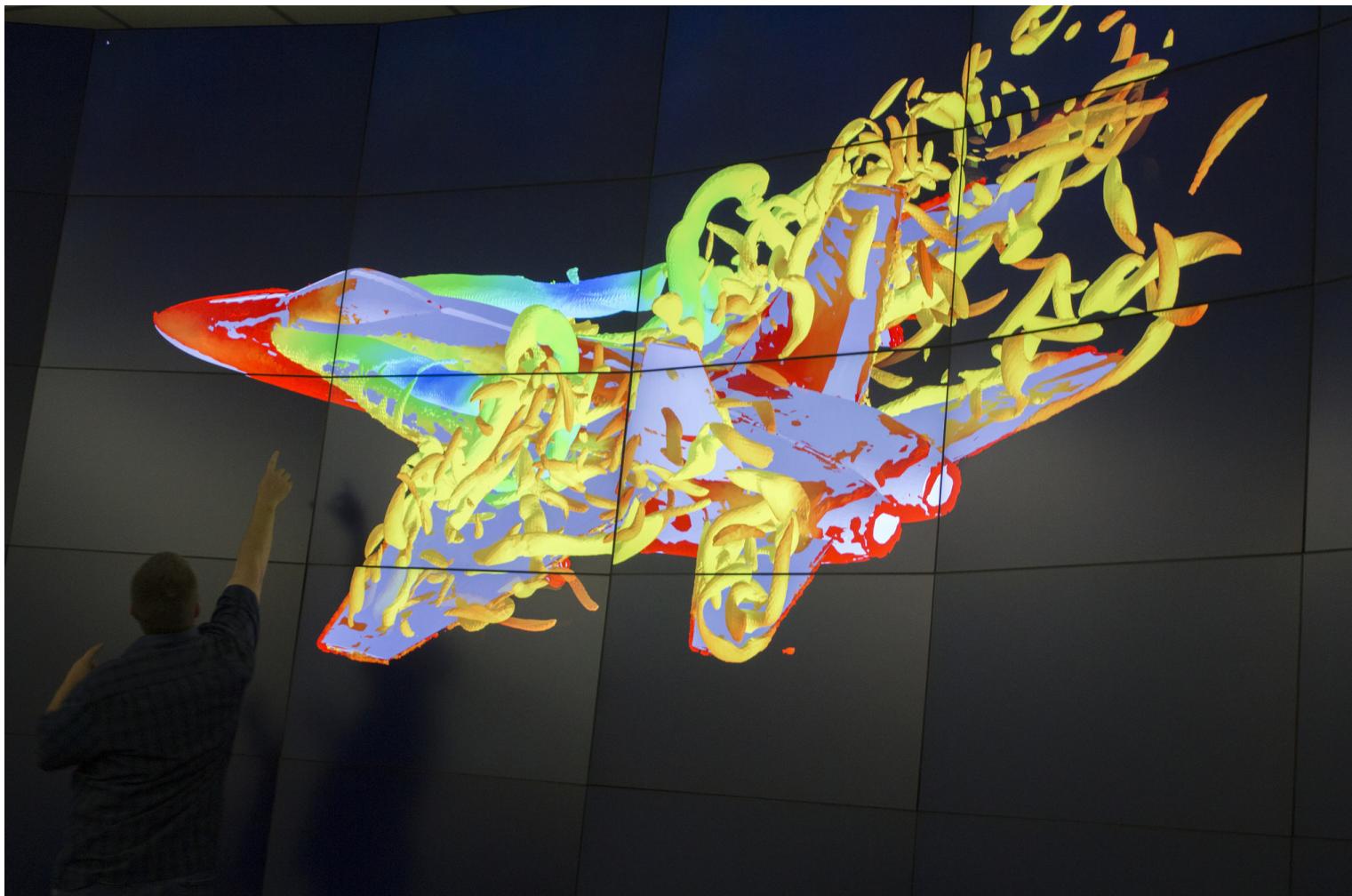
# There is no magic



# You're never searching books online



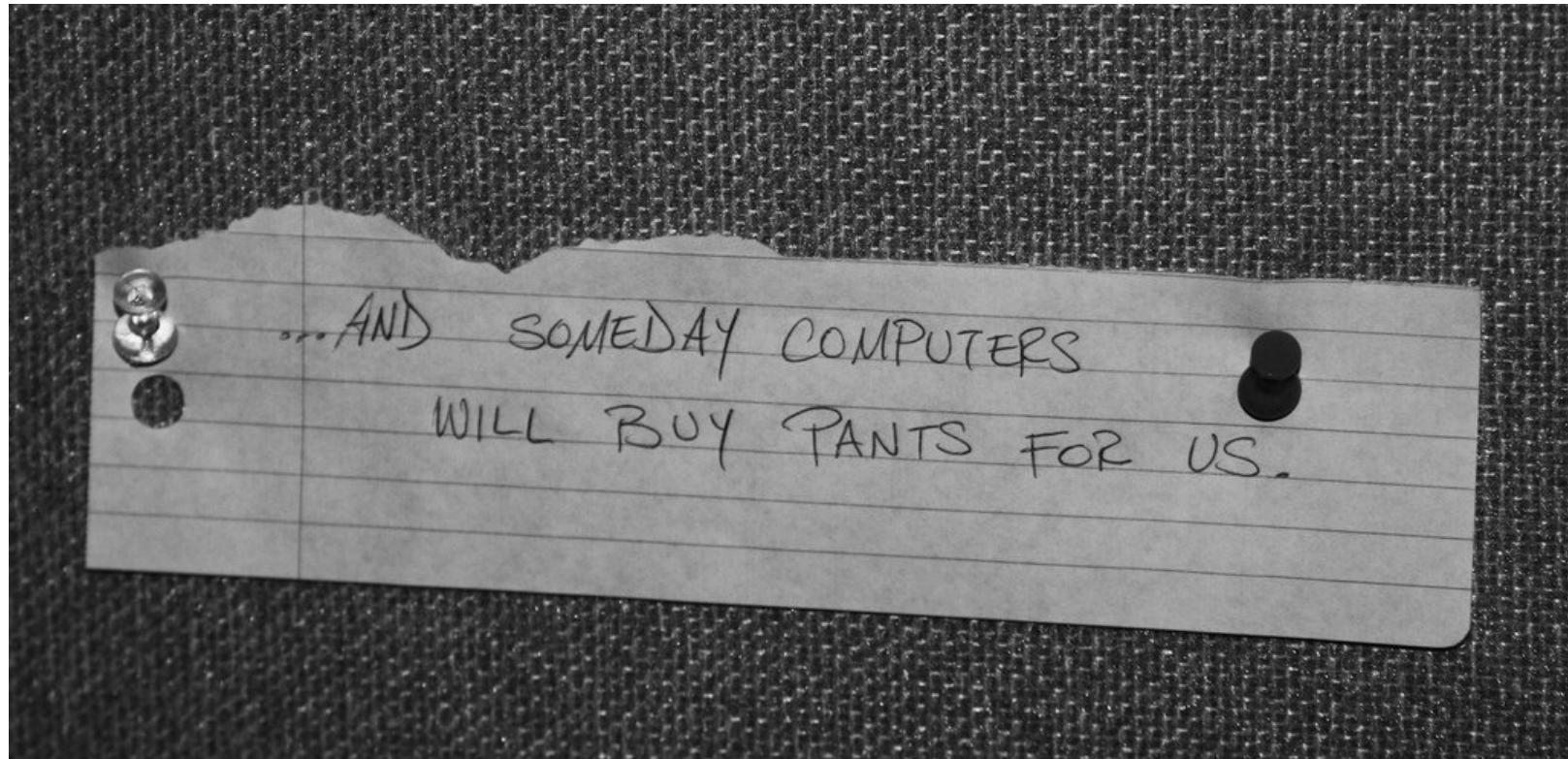
# There's a lot of labor behind visualizations



# A good tutorial is a lot of work to make



# Be more skeptical



# You *can* work through errors!



# Don't be afraid of the command line



*You've selected...*

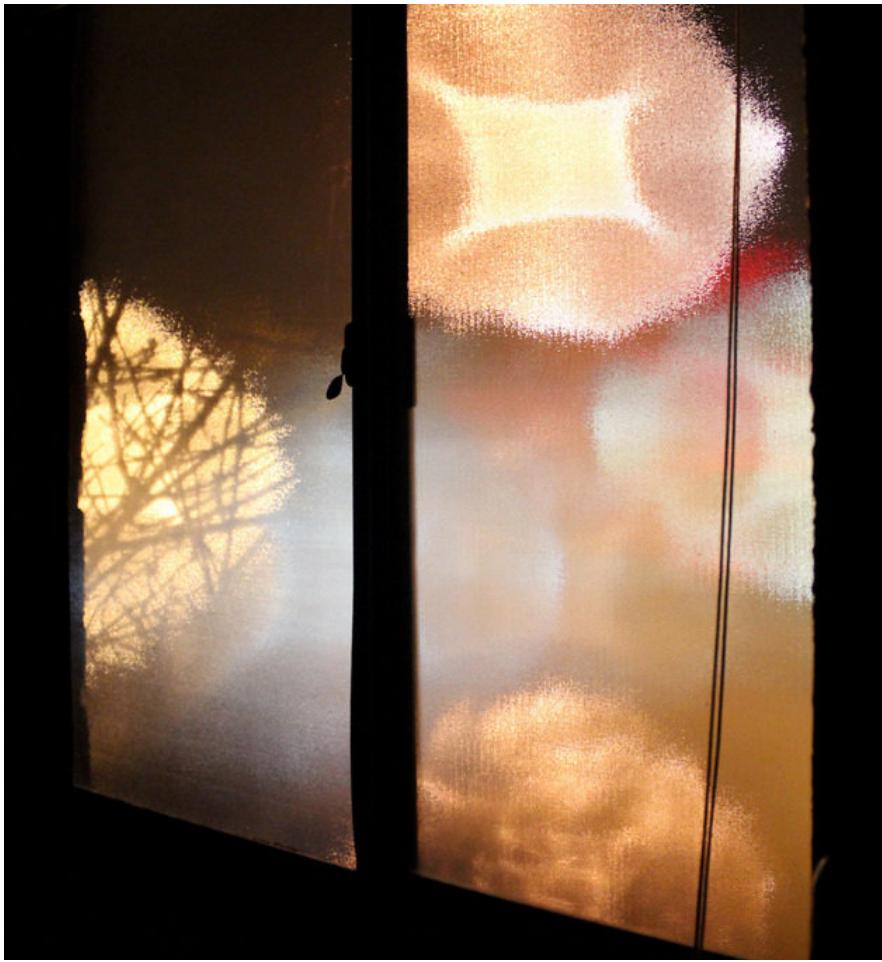
And now we return  
to our regularly  
scheduled  
programming

# Maybe DH isn't worth it

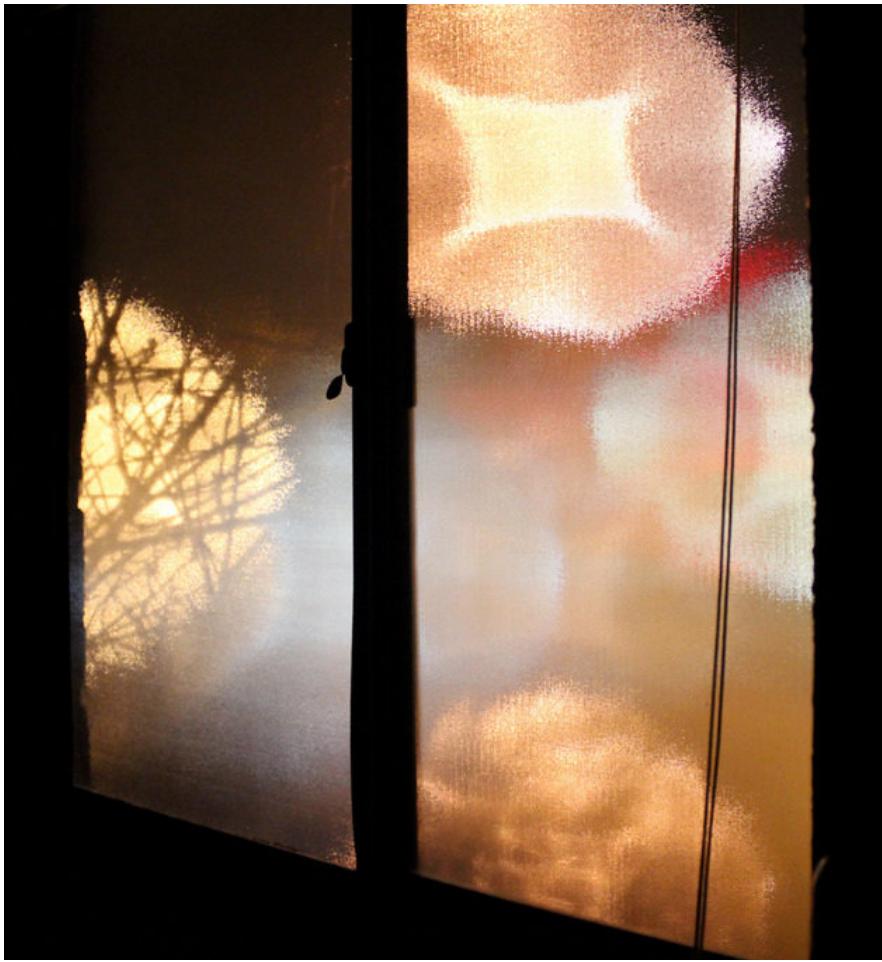


You have experience  
to make that call

You have experience  
to make that call



# You have experience to make that call



# You have experience to make that call

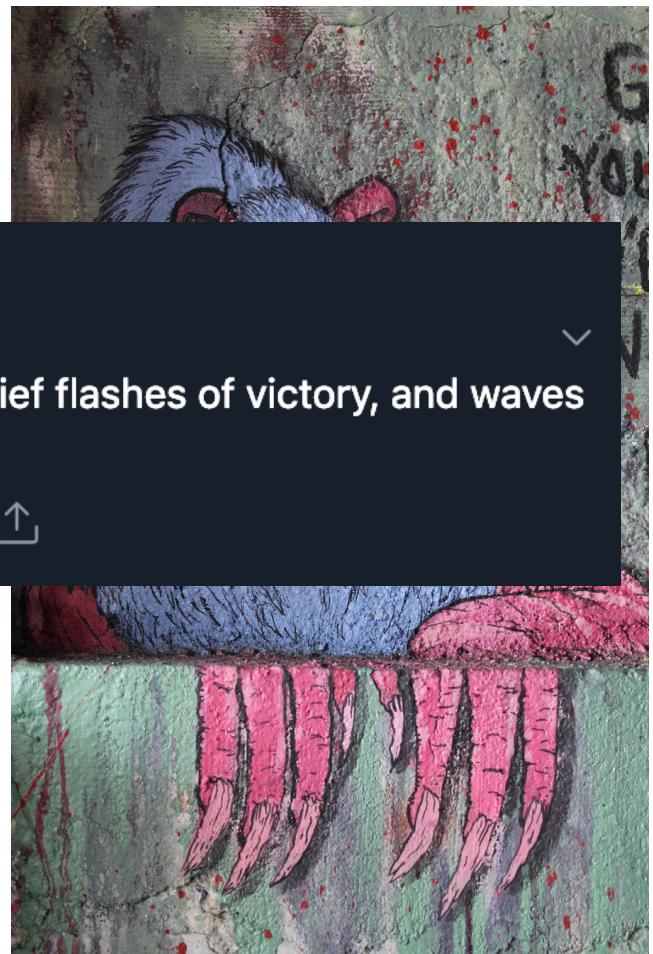


⤓ You Retweeted

 **Dr. Ella Howard** @EllaKHoward · Feb 23

DH is made up of long periods of tedium, brief flashes of victory, and waves of panic.

⤓ 3    ❤️ 17



# You can help shape the discourse



# You're always welcome

WELCOME  
WELCOMINGUTS MAAYONG  
CEUD MILE FÀILTE  
BONAVINUTA  
GABITÊ  
CROESO CYNNES

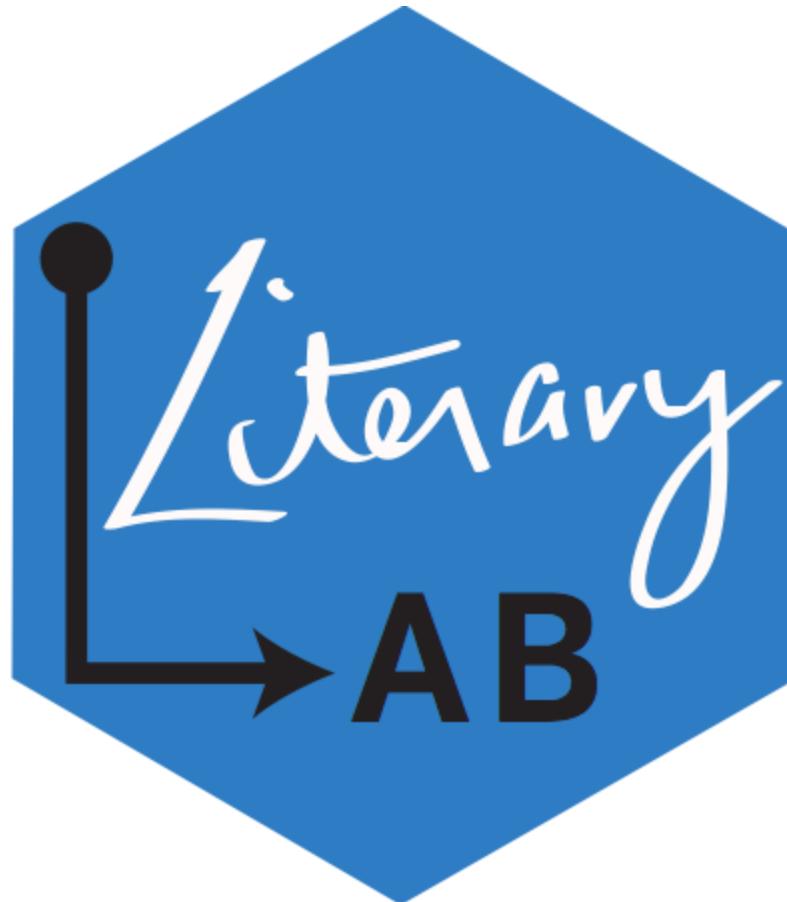
*You've selected...*

**Deeper into the  
forest of digital  
humanities**

# Many paths ahead



# LitLab wants you!



(Not just for English literature)

# DH in the library

# DH in the library

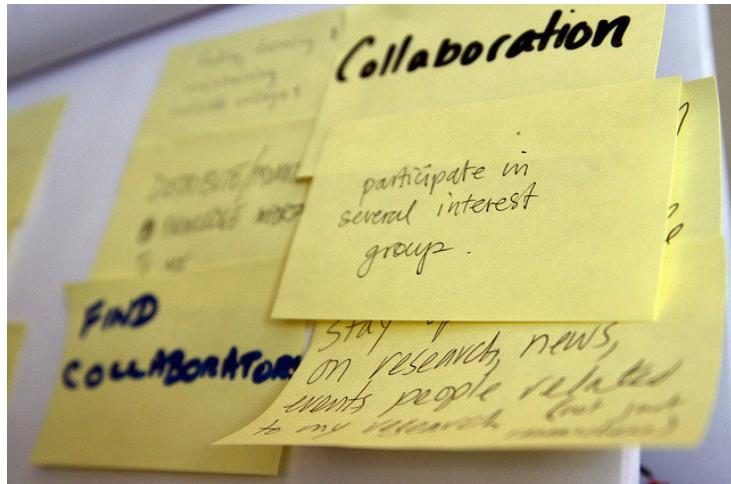


Mondays 2-4 PM  
Email Quinn for schedule

# DH in the library



Mondays 2-4 PM  
Email Quinn for schedule



Tuesday 2-4 PM  
Schedule at:  
<https://library.stanford.edu/research/cidr/workshops>

# CESTA

Stanford University

SUNetID Login

Stanford | Center for Spatial and Textual Analysis



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CESTA: Applying technologies across the Humanities and Social Sciences to enhance our understanding of the world

@cesta\_stanford

Mailing list  
Lunchtime talks  
DH fellows

# Summer workshops



## Digital Humanities Summer Institute

A Place for Open Digital Scholarship

June 2019: 3-7 + 10-14 (+ADHO SIG Pedagogy Conference 7-8, +Workshops 9)



University  
of Victoria

British Columbia  
Canada

[Home](#) [Courses](#) [Scholarships](#) [Schedule](#) [DHSI@ & Events](#) [Visitor Info](#) [People](#) [Archive](#)

The **Digital Humanities Summer Institute** provides an ideal environment for discussing and learning about new computing technologies and how they are influencing teaching, research, dissemination, creation, and preservation in different disciplines, via a community-based approach.

A time of intensive coursework, seminars, and lectures, participants at DHSI share ideas and methods, and develop expertise in using advanced technologies. Every summer, the institute brings together faculty, staff, and students from the Arts, Humanities, Library, and Archives communities as well as independent scholars and participants from areas beyond.

Described by one participant as an event that "combines the best

### Announcements

#### STATEMENT ON ETHICS AND INCLUSION

Thanks to all in our community for working together toward the [DHSI Statement on Ethics and Inclusion](#), and to Jacqueline Wernimont and Angel David Nieves for their leadership.

#### DHSI 2018 -> DHSI 2019!

What a fabulous time together! Thanks to the ~900 DHSIers, plus those in our partnered events with the Digital Library Federation and the Symposium for Indigenous New Media, who joined us and made DHSI 2018 the wonderful, engaging time it was!

#### DHSI CONFERENCE & COLLOQUIUM

Take a DHSI course & present on your work!  
Check out [DHSI Conference & Colloquium](#).

dhsi.org

Sign-up begins around September for next June

# Online communities



HUMANITIES  
COMMONS

≡

- News Feed
- Members
- Groups
- Sites
- CORE Repository
- Help & Support
- Societies
- About
- Roadmap
- Team Blog

Search  

Register Log In

## HUMANITIES COMMONS

Welcome to *Humanities Commons*, the network for people working in the humanities. Discover the latest [open-access scholarship and teaching materials](#), make [interdisciplinary connections](#), build a [WordPress Web site](#), and increase the impact of your work by [sharing it in the repository](#). Brought to you by the MLA.

What would you like to do?

### The Most Downloaded CORE Deposits



Check out [the team blog](#) to find the most downloaded CORE deposits!

### Engage with Groups



Here to Share Your Work?

Go to [CORE](#) to upload and archive work in our open-access repository.

[Go to CORE](#)

HC User Spotlight

How are members using *Humanities Commons* for their research and teaching? Find out [on the team blog](#).



# Online communities

 HUMANITIES  
COMMONS

≡

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Societies

About

Roadmap

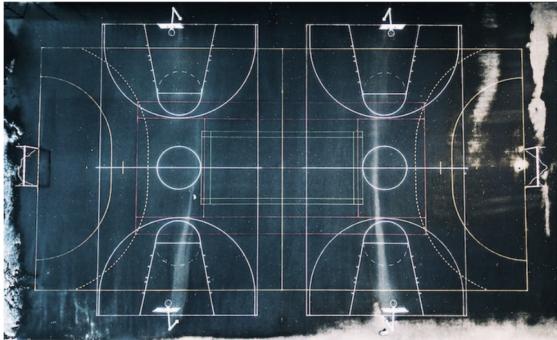
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# Professional org



The Association for  
Computers and the  
Humanities

The Association for Computers and the Humanities is your professional society for the digital humanities! Through our [activities](#), [conferences](#), and [publications](#), we support computer-assisted research, teaching, and software and content development in humanistic disciplines. [Join today!](#)

[About](#) · [Activities](#) · [Conferences](#) · [News](#) · [Publications](#) · [Join ACH](#)

## Digital Humanities 2018

D.F., México, 27-30 June, 2018

The 2018 Digital Humanities Conference, organized by The Association of Digital Humanities Organizations (ADHO), El Colegio de México, La Universidad Nacional Autónoma de México (UNAM) and in collaboration with La Red de Humanidades Digitales, marks the first time our conference goes to Latin America. Find out more on the [conference website](#)

## News

[ACH 2019 Elections: Candidate Statements](#)

February 15, 2019

[ACH @ MLA: Transacting DH: Roles, Rights, and Responsibilities of Collaboration](#)

December 28, 2018

[ACH @ MLA: The Porous Scholarly Edition](#)

December 18, 2018

[ACH 2019 Elections: Call for Nominations](#)

September 17, 2018

## Activities

Our most important activities center on cultivating and strengthening the field of digital humanities, and providing guidance and support to those entering the field. [Learn more](#).

### ACH Conference

Save the date of July 24-26, 2019 to join us in Pittsburgh, Pennsylvania for the first ACH-led US conference.

### Membership

Learn about the many benefits of an ACH or joint ADHO membership on our [members page](#).

### Mentoring & Jobs Support

The ACH is committed to promoting the growth and strength of the digital humanities. We are especially keen to provide guidance and opportunities to newer members of the community.

ach.org



# Working groups as infrastructure

The screenshot shows the Dariah-EU website's navigation bar with links for Contact, Helpdesk, About, Network, Activities, Tools & Services, News - Events, and a search icon. Below the navigation is a green header bar with 'Working Groups' on the left and a breadcrumb trail 'Home > Activities' on the right. The main content area features a section titled 'Working Groups' with a detailed description, followed by sections for 'Overview of Dariah working groups', 'Contact information', and a call to action to learn more or contact the helpdesk.

## Working Groups

Working groups are joint activities in Dariah. They are self-organized and work in a strategic area that is defined by Dariah's Virtual Competence Centres. Their activities are complementary to individual contributions from Dariah members. Working groups always have a certain purpose: They lead to services for the community, which can be scholarly, technical, editorial or organisational. This means, they contribute to building up and extending the Dariah infrastructure.

### Overview of Dariah working groups

Below you can find a list of Dariah working groups, which have been approved by the Dariah Senior Management Team (SMT). Click on the names to find out basic information on what they do and contact points to get in touch with the groups.

### Contact information

If you are interested to learn more about the Dariah working groups, if you want to join an existing one or start a new one, please contact us through our [Helpdesk form](#).

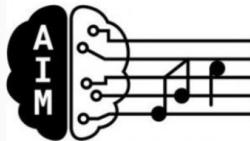
<https://www.dariah.eu/activities/working-groups-list/>  
(email Quinn to get connected)



#dariahTeach



Analyzing and linking  
biographical data



Artificial Intelligence and  
Music (AIM)



CENDARI Sustain

# Conference CFPs in November



## Conference

The ADHO organizes and sponsors an annual conference. The first joint conference was held in 1989 at the [University of Toronto](#). That event was the 16th annual meeting of ALLC and the ninth annual meeting of the ACH-sponsored International Conference on Computers and the Humanities (ICCH). Since then, the joint conference has grown to include additional organizations, and it has been held in cities around the world:

- Carleton University and the University of Ottawa, Ottawa, Canada (22-24 July 2020).
- Universiteit Utrecht, Utrecht, Netherlands (9-12 July 2019)
- El Colegio de México, the Universidad Nacional Autónoma de México (UNAM), and Red de Humanidades Digitales (RedHD), Mexico City, Mexico (24-30 June 2018)
- McGill University and l'Université de Montréal, Montreal, Canada (8-11 August 2017)
- Jagiellonian University and the Pedagogical University of Kraków, Poland (11-16

 Search

## ADVANCE ISSUE OF DIGITAL SCHOLARSHIP IN THE HUMANITIES (FORMERLY LLC)

Digital nudges and dark patterns: The angels and the archfiends of digital communication  
Searching for Thomas Nashe in Dido, Queen of Carthage  
Epic social networks and Eve's centrality in Milton's Paradise Lost

Email Quinn for feedback on your submissions

# Drop me a note anytime



# Drop me a note anytime



Tech problems!

# Drop me a note anytime



Tech problems!

Career questions!

# Drop me a note anytime



Tech problems!

Career questions!

DH help!

# Drop me a note anytime



Tech problems!

Career questions!

DH help!

Job references!

# Drop me a note anytime



Tech problems!

Career questions!

DH help!

Job references!

Recommendations of  
tolerable kids' shows!

# Drop me a note anytime



Tech problems!

Career questions!

DH help!

Job references!

Recommendations of  
tolerable kids' shows!

Life!

# Thank you



Please fill out your  
course evaluations

