

**Introduction to Digital Humanities Faculty Retreat
MIT Endicott House, Dedham, Massachusetts
August 17 & 18, 2013**

Readings

1. Required Readings

Section 1: Introduction to Existing Digital Humanities Content

_____. "How Do You Define DH?" *Day of DH 2013*. CenterNet 2013. Web. Accessed August 6, 2013. <http://dayofdh2013.matrix.msu.edu/members/>

Fraistat, Neil. "The Question(s) of Digital Humanities." *Maryland Institute for Technology in the Humanities*. University of Maryland, February 7, 2011. Web. Accessed August 6, 2013. <http://mith.umd.edu/the-questions-of-digital-humanities/>

Section 2: Under the Hood: DH Concepts

Birnbaum, David. "What is XML and why should humanists care?" Retrieved Jul 25, 2013. <http://webcache.googleusercontent.com/search?q=cache:http://clover.slavic.pitt.edu/humcomp/w/hat-is-xml.php>

McCarty, Willard. "Modeling: A Study in Words and Meanings." *A Companion to Digital Humanities*, ed. Susan Schreibman, Ray Siemens, John Unsworth. Oxford: Blackwell, 2004. <http://www.digitalhumanities.org/companion/>

Thomas, William. "Computing and the Historical Imagination." *A Companion to Digital Humanities*, ed. Susan Schreibman, Ray Siemens, John Unsworth. Oxford: Blackwell, 2004. <http://www.digitalhumanities.org/companion/>

Section 3: Off-the-Shelf Digital Humanities Tools

Fyfe, Paul C. "How Not to Read a Victorian Novel." *Journal of Victorian Culture* 16.1 (Spring 2011): 102-106. Accessed August 6, 2013. http://diginole.lib.fsu.edu/cgi/viewcontent.cgi?article=1002&context=eng_faculty_publications

2. Bibliography +

Go-to sites

<http://dhumanist.org/>
<http://dhcommons.org/>
<http://digitalhumanities.org/answers/>
<http://www.hastac.org/>

General Readings/Intro

- Balsamo, Anne Marie. *Designing Culture: The Technological Imagination at Work*. Durham [N.C.]: Duke University Press, 2011.
- Berry, David M. *Understanding Digital Humanities*. NY: Palgrave MacMillan, 2012.
- Borgman, Christine L. *Scholarship in the Digital Age: Information, Infrastructure, and the Internet*. Cambridge, Mass: MIT Press, 2007.
- Burdick, Anne, et al. *Digital Humanities*. Cambridge, Mass: MIT Press, 2012.
- Cohen, Daniel and Roy Rosenzweig. *Digital History: A Guide to Gathering, Preserving, and Presenting the Past on the Web*. Philadelphia, Penn: University of Pennsylvania Press, 2005.
- Coover, Robert and Thomas Bartscherer. *Switching Codes: Thinking through Digital Technology in the Humanities and the Arts*. Chicago, Ill.: University of Chicago Press, 2011.
- Deuze, Mark. *Media Work*. Digital Media and Society Series. Cambridge: Polity, 2007.
- Drucker, Johanna. *SpecLab: Digital Aesthetics and Projects in Speculative Computing*. Chicago: University of Chicago Press, 2009.
- Ernst, Wolfgang. *Digital Memory and the Archive*. Electronic Mediations v. 39. Minneapolis: University of Minnesota Press, 2013.
- Fitzpatrick, Kathleen. *Planned Obsolescence: Publishing, Technology, and The Future of The Academy*. New York: New York University Press, 2011. "crowdsourced" at <http://mediacommons.futureofthebook.org/mcpress/plannedobsolescence/>
- Gitelman, Lisa. *Always Already New: Media, History, and the Data of Culture*. Cambridge, Mass: MIT Press, 2006.
- _____. *"Raw Data" Is an Oxymoron*. Cambridge, MA: MIT Press, 2013.
- Gold, Matthew K., ed. *Debates in the Digital Humanities*. Minneapolis: University of Minnesota Press, 2012.
- Hayles, Katherine. *How We Think: Digital Media and Contemporary Technogenesis*. Chicago: The University of Chicago Press, 2012.
- _____. *My Mother Was a Computer: Digital Subjects and Literary Texts*. Chicago: University of Chicago Press, 2005.
- _____. *Writing Machines*. Mediawork Pamphlet. Cambridge, Mass: MIT Press, 2002.
- Hindley, Meredith, "The Rise of the Machines. NEH and the Digital Humanities: The Early Years." *Humanities*, July/August 2013, Vol. 34 (4), or <http://www.neh.gov/humanities/2013/julyaugust/feature/the-rise-the-machines> (accessed 7/12/2013).
- Liu, Alan. "Transcendental Data: Toward a Cultural History and Aesthetics of the New Encoded Discourse," *Critical Inquiry* 31. (2004) Summer, no 4.
- _____. "Where is Cultural Criticism in the Digital Humanities?" <http://liu.english.ucsb.edu/where-is-cultural-criticism-in-the-digital-humanities/>
- Lowry, Anita. *Scholarship in the Electronic Age: a Selected Bibliography on Research and Communication in the Humanities and Social Sciences*. Washington, D.C. (1785 Massachusetts Ave., N.W., Washington 20036): Council on Library Resources, 1987.

- McGann, Jerome J. *Radiant Textuality: Literature after the World Wide Web*. New York: Palgrave, 2001.
- Members, Days of DH, [How Do You Define DH?](#)
- Murray, Janet Horowitz. *Hamlet on the Holodeck: The Future of Narrative in Cyberspace*. New York: Free Press, 1997.
- Rosenzweig, Roy. "Scarcity and Abundance? Preserving the Past in the Digital Era" *American Historical Review*, 108 (3), June 2003 DOI: 10.1086/529596
- Schreibman, Susan, Ray Siemens, and John Unsworth, eds. *A Companion to Digital Humanities*. Malden, Mass: Blackwell Pub, 2004.
- Schreibman, Susan and Ray Siemens, eds. *A Companion to Digital Literary Studies*. Oxford: Blackwell, 2008.
- Seefeldt, Douglass and William G. Thomas III. *Digital History Project*.
<http://digitalhistory.unl.edu/> University of Nebraska-Lincoln.
- Svensson, Patrik. "Beyond the Big Tent" in *Debates in the Digital Humanities*, ed. Matthew K. Gold (Minneapolis: Minnesota University Press, 2012): 36-49.
- Zorich, Diane. *A Survey of Digital Humanities Centers in the United States* (CLIR 2008):
<http://www.clir.org/pubs/abstract/reports/pub143>

Algorithm & Code Studies

- Berry, D. M. "A Contribution Towards a Grammar of Code" *Fiberculture Journal* 1.
- Chun, Wendy Hui Kyong. "On 'Sourcery,' or Code as Fetish" *Configurations* 16 (3), Fall 2008.
- Hayles, N. Katherine. "Print Is Flat, Code Is Deep: The Importance of Media-Specific Analysis" *Poetics Today* 25(1), 67-90.
- Manovich, Lev. "Software Takes Command" (July 2013) Summary:
http://www.manovich.net/Manovich.Softbook.Print.2013.Narrative_summary.pdf
- Michel, Jean-Baptiste, et al., "Quantitative Analysis of Culture Using Millions of Digitized Books" *Science* 14 January 2011: Vol. 331 no. 6014 pp. 176-182. DOI:
[10.1126/science.1199644](http://dx.doi.org/10.1126/science.1199644)
- Montfort, Nick. *10 PRINT CHR\$(205.5+RND(1));:GOTO 10*. Cambridge, Mass: MIT Press 2013 or 10print.org
- Parisi, Luciana. *Contagious architecture : computation, aesthetics, and space*. Cambridge, Mass: MIT Press, 2013.
- Ramsay, Stephen, "Algorithmic Criticism" in *A Companion to Digital Literary Studies*, ed. _____. *Reading Machines. Toward an Algorithmic Criticism*. Chicago: University of Illinois Press, 2011.

Data Curation, Big Data, Distant Reading, & Networks

- Flanders, Julia and Trevor Muñoz [Introduction to Humanities Data Curation](#).
- Moretti, Franco. *Atlas of the European Novel, 1800-1900*. (London: Verso, 1998)
- _____. *Distant Reading*. (London: Verso, 2013)

_____. *Graphs, Maps, Trees: Abstract Models for a Literary History*. London□; New York: Verso, 2005.

Weingart, Scott. "Demystifying Networks" <http://www.scottbot.net/HIAL/?p=6279>

Design and Visual Culture

Balsamo, Anne Marie. *Designing Culture: The Technological Imagination at Work*. Durham [N.C.]: Duke University Press, 2011.

Brown, Daniel M. *Communicating Design: Developing Web Site Documentation for Design and Planning*. 2nd ed. Voices That Matter. Berkeley, CA: New Riders, 2011.

Burdick, Anne, et al. *Digital Humanities*. Cambridge, MA: MIT Press, 2012.

Mirzoeff, Nicholas. *An Introduction to Visual Culture*. London□; New York: Routledge, 1999.

Drucker, Johanna. *Data as Capta* (Los Angeles: Druckwerk, 2010)

Electronic Literature

Electronic Literature as a Model of Creativity and Innovation Practice (ELMCIP)

<http://elmcip.net/>

Hayles, Katherine. *Electronic Literature: New Horizons for the Literary*. University of Notre Dame Ward-Phillips Lectures in English Language and Literature. Notre Dame, Ind: University of Notre Dame, 2008.

Montfort, Nick. *Twisty Little Passages: An Approach to Interactive Fiction*. (MIT Press, 2003.)

Electronic Scholarly Editing

Burnard, Lou, Katherine O'Brien O'Keeffe, and John Unsworth, eds. *Electronic Textual Editing*. New York: Modern Language Association of America, 2006.

Games

Bogost, Ian. *How to Do Things with Videogames*. Electronic Mediations v. 38. Minneapolis: University of Minnesota Press, 2011.

_____. *Persuasive Games: The Expressive Power of Videogames*. Cambridge, Mass: MIT Press, 2007.

_____. *Unit Operations: An Approach to Videogame Criticism*. Cambridge, Mass: MIT Press, 2006.

Juul, Jesper. *The Art of Failure: An Essay on the Pain of Playing Videogames*. Cambridge, Mass: MIT Press. 2003.

Montfort, Nick. *Racing the Beam: The Atari Video Computer System*. Platform Studies. Cambridge, Mass: MIT Press, 2009.

GIS

[Hypercities](#) - "explore the historical layers of city spaces"

Monmonier, Mark. *How to Lie With Maps*. Chicago, University Of Chicago Press; 2nd edition, 1996

Krygiar, John and Denis Wood. *Making Maps*. The Guilford Press, 2005.

Placing History: How Maps, Spatial Data, and GIS Are Changing Historical Scholarship. eds. Hiller, Amy and Anne Kelley Knowles. ESRI Press, 2008.

History and Future of the Book

- Howsam, Leslie. *Old Books and New Histories: An Orientation to Studies in Book and Print Culture*. Studies in Book and Print Culture. Toronto; Buffalo: University of Toronto Press, 2006.
- Library, of Congress. *Books in Our Future: Perspectives and Proposals*. Washington: Library of Congress; For sale by the Supt. of Docs., U.S. G.P.O, 1987.
- Lowry, Anita. *Scholarship in the Electronic Age: a Selected Bibliography on Research and Communication in the Humanities and Social Sciences*. Washington, D.C. (1785 Massachusetts Ave., N.W., Washington 20036): Council on Library Resources, 1987.

Legal Issues

- Herrington, TyAnna K. *Controlling Voices: Intellectual Property, Humanistic Studies, and the Internet*. Carbondale: Southern Illinois University Press, 2001.
- Hyde, Lewis. *Common as Air: Revolution, Art, and Ownership*. 1st ed. New York: Farrar, Straus and Giroux, 2010.
- Lessig, Lawrence. *Free Culture: How Big Media Uses Technology and the Law to Lock down Culture and Control Creativity*. New York: Penguin Press, 2004.
- McLeod, Kembrew and Rudolf Kuenzli. *Cutting Across Media: Appropriation Art, Interventionist Collage, and Copyright Law*. Durham [N.C.]: Duke University Press, 2011.
- Raymond, Eric. "Homesteading the Noosphere." v.3.0, 2000.
<http://www.catb.org/~esr/writings/homesteading/homesteading/>
- Suber, Peter. *Open Access*. MIT Press Essential Knowledge Series. Cambridge, Mass: MIT Press, 2012.
- Vaidyanathan, Siva. *Copyrights and Copywrongs: The Rise of Intellectual Property and How It Threatens Creativity*. New York: New York University Press, 2001.

Museums

- Alexander, Edward P., and Association for State and Local History American. *Museums in Motion: An Introduction to the History and Functions of Museums*. 2nd ed. American Association for State and Local History Book Series. Lanham: AltaMira Press, 2008.
- Reinventing the Museum: Historical and Contemporary Perspectives on the Paradigm Shift*. Walnut Creek, Calif: AltaMira Press, 2004.
- Reinventing the Museum: The Evolving Conversation on the Paradigm Shift*. 2nd ed. Lanham, Md: AltaMira Press, 2012.

New Media

- Bolter, J. David. *Remediation: Understanding New Media*. Cambridge, Mass: MIT Press, 1999.
- Gitelman, Lisa. *Always Already New: Media, History and the Data of Culture*. Cambridge, Mass: MIT Press, 2006.
- Manovich, Lev. *The Language of New Media*. Leonardo. Cambridge, Mass: MIT Press, 2001.

Pedagogy

- Beatham, Mark D. "Tools of Inquiry: Separating Tool and Task to Promote True Learning." *Journal of Educational Technology Systems* 37 (2008-9): 61-70.

- Blackwell, Christopher and Thomas R. Martin. "Technology, Collaboration, and Undergraduate Research." *Digital Humanities Quarterly* 3:1 (2009 Winter)
- Brier, Stephen. "Where's the Pedagogy? The Role of Teaching and Learning in the Digital Humanities." *Debates in the Digital Humanities*. Ed. Matthew K. Gold. Minneapolis: U Minnesota P, 2012. 390-401.
- Davidson, Cathy N. "Collaborative Learning for the Digital Age." *Chronicle of Higher Education*, 26 Aug 2011.
- Frost Davis, Rebecca. "Yes, But How Do You Teach Collaboration?" *liberal.education.nation*. Association of American Colleges and Universities, 1 Feb 2012. Fyfe, Paul. "Digital Pedagogy Unplugged." *Digital Humanities Quarterly*, Summer 2011, Volume 5 Number 3
- Hirsch, Brett. *Digital Humanities Pedagogy: Practices, Principles and Politics*.
<http://www.openbookpublishers.com/product/161/digital-humanities-pedagogy--practices--principles-and-politics>
- Meloni, Julie. "Engaging with the 'Screwmenetical Imperative,' or Why I Teach Humanities Students to Code." *ProfHacker*. The Chronicle of Higher Education, 21 April 2010

Platform Studies

- Montfort, Nick. *Racing the Beam: The Atari Video Computer System*. Platform Studies. Cambridge, Mass: MIT Press, 2009.

Topic Modeling

- Jockers, Matthew Lee. *Macroanalysis: Digital Methods and Literary History*. Topics in the Digital Humanities. Urbana: University of Illinois Press, 2013.
- Schmidt, Ben. "How Not to Topic Model: An Introduction for the Humanities." *Sapping Attention*. 12 April 2103. <http://sappingattention.blogspot.com/2013/04/how-not-to-topic-model-introduction-for.html>

Visualization

- Fry, Ben *Computational Information Design* (PhD Thesis) <http://benfry.com/phd/>
 Elijah Meeks [video](#)

Journals (peer-reviewed)

- [Digital Humanities Quarterly \(DHQ\)](#). Providence, RI. [open]
[Digital Studies/Le Champ numérique](#)
[Hybrid Pedagogy](#) [open]
[Journal of Digital Humanities](#) [open]
Literary & Linguistic Computing: Journal of the Association for Literary and Linguistic Computing. Oxford [England]: Oxford University Press, 1986.

Discussion Groups and Community News

- [4Humanities](#) - DH advocacy blog
[Digital Commons blog](#) (MLA)
[Digital Humanities Questions & Answers](#)
[GO::DH](#) (Global Outreach: Digital Humanities)
[HASTAC](#) blogs and discussions

[Humanist](#) discussion group
humanities + digital insights (MIT's [HyperStudio](#) email newsletter)
[ProfHacker](#) (*Chronicle of Higher Education*)

3. Notable Projects

“The Proceedings of the Old Bailey. London’s Central Criminal Court, 1674 to 1913.”
n.d. <http://www.oldbaileyonline.org/>

Funding:

- Arts and Humanities Research Council (Grants awarded: 2000, 2005)
- Big Lottery Fund (Grant, 2001)
- Economic and Social Research Council (Grant, 2005)
- JISC e-Content & Digitisation Programme
- University of Hertfordshire
- Open University
- University of Sheffield

Tools:

- XML markup (not specified specific type of XML)
- [GATE](#)
- MySQL

Bauer, Jean. “The Early American Foreign Service Database.” Database, n.d.
<http://www.eafsd.org/>.

Funding:

- UVa Scholars Lab
- NINES
- UVa Graduate School of Arts and Sciences
- Jean Bauer

Tools:

- [Project Quincy](#)
- [Django Framework](#)

Brown University. “Women Writers Project,” n.d. <http://www.wwp.brown.edu/>.

Funding:

- Brown University
- Licensing Income
- NEH Grant (1988-present)
- Mellon Grant (1997-1999)
- Gladys Krieble Delmas Foundation (2003-2004)
- Consulting and Seminar services

Tools:

- TEI

Center for Digital Research in the Humanities at the University of Nebraska-Lincoln. "The Walt Whitman Archive," n.d. <http://www.whitmanarchive.org/>.

Funding:

- \$500,00 NEH Grant (2005)
- Successfully raised 1.5 million for matching funds
- NHPRC Grants (2008-2009, 2010-2011)
- IMLS (2002-2004)
- Gladys Krieble Delmas Foundation (2001)
- US Dept. of Education's Fund for the Improvement of Postsecondary Education (1997-2001)
- IATH (1997-2001)
- Private donations

Tools:

- TEI
- METS/MODS
- EAD

Mark Twain Papers, California Digital Library, UC Press. "Mark Twain Project Online." Database, n.d. <http://www.marktwainproject.org/homepage.html>.

Affiliation:

Through 2007 the MTPO was a joint undertaking of the Mark Twain Papers & Project, the California Digital Library, and the University of California Press.

Currently it is produced by the Mark Twain Papers in collaboration with UC Press, with the assistance of UC Berkeley's Library Systems office.

Funding:

- National Endowment for the Humanities
- The Bancroft Library
- The Mark Twain Foundation

Tools:

- TEI

MIT. "The Comédie Française Registers Project," n.d. <http://cfregisters.org/>.

Funding:

- MIT School of Humanities, Arts, and Sciences
- MIT History Faculty
- Grant from MIT-France Seed Fund Program
- JISC-NEH Grant

Tools:

- CESAR

The Pennsylvania State University. "The Ambrose Bierce Project," n.d. <http://www.ambrosebierce.org/main.html>

Funding:

- Penn State University

Stanford University. "Mapping the Republic of Letters," n.d.

<http://republicofletters.stanford.edu/#maps>.

Tools:

- Excel
- Gephi
- Illustrator
- Ink
- Stanford MapWarper
- Tableau

Stanford University.. "ORBIS: The Stanford Geospatial Network Model of the Roman World,"

n.d. <http://orbis.stanford.edu/#>.

Funding:

- Digital Humanities Grant of Stanford University

Tools:

- GIS

Stanford University, University of North Texas. "Mapping Texts," n.d.

<http://mappingtexts.stanford.edu/>.

Funding:

- National Endowment for the Humanities

Partners:

- Bill Lane Center for the American West
- Texas Digital Newspaper Collection

Tools:

- Data visualization tools and tools for assessing language patterns are available via github:
http://mappingtexts.stanford.edu/?page_id=319

The University of Buckingham. "Dickens Journals Online," n.d.

<http://www.djo.org.uk/index.html>.

Funding:

- The University of Buckingham Foundation
- Leverhulme Trust
- Dickens Fellowship
- Individual Donations
- UB Press
- Penguin Books
- The University of Buckingham

Trinity College, Dublin. "The Diary of Mary Martin," n.d. <http://dh.tcd.ie/martindiary/>.

Tools:

- TEI

University of Maryland. "The Thomas MacGreevy Archive," n.d.

<http://www.macgreevy.org/index.jsp>.

Funding:

- University of Maryland
- New Jersey Institute of Technology
- University College Dublin

Tools:

- Originally conceived using SGML
- TEI

University of Minnesota. "The Ojibwe People's Dictionary," n.d. <http://ojibwe.lib.umn.edu/>.

Funding:

- Clean Water Land & Legacy Amendment
- National Science Foundation
- Department of American Indian Studies
- University of Minnesota Libraries
- Minnesota Historical Society

University of Sussex. "The Newton Project." Database, n.d.

<http://www.newtonproject.sussex.ac.uk/prism.php?id=1>.

Funding:

- Arts and Humanities Research Board (2000-2013)
- Private Donations

Tools:

- TEI

University of Victoria. "Colonial Despatches," n.d. <http://bcgenesis.uvic.ca/>.

Funding:

- University of Victoria Humanities and Computing Media Center
- University of Victoria Libraries
- University of Victoria Law Faculty
- The Canadian Council of Archives
- Canadian Heritage
- Ike Barber B.C. Digitization Project
- The National Archives (UK)

Tools:

- TEI
- eXist

University of Virginia. "Emily Dickinson Archive," n.d. <http://www.emilydickinson.org/>

Funding:

- Institute for Advanced Technologies in the Humanities, University of Virginia

Tools:

- TEI

University of Virginia. "Herman Melville's *Typee*," 2009.

<http://rotunda.upress.virginia.edu/melville/>

Funding:

- Andrew W. Mellon Foundation
- President's office of the University of Virginia

Tools:

- TEI

University of Virginia. "The World of Dante," n.d. <http://www.worldofdante.org/index.html>.

Funding:

- Institute for Advanced Technologies in the Humanities, University of Virginia
- IATH Research Fellowship
- NEH
- the Gladys Kriebel Delmas Foundation
- National Italian American Foundation

Tools:

- TEI

University of Virginia (Documentary Archive), The University of Binghamton (Transcription).

"Salem Witch Trials." Database, n.d. <http://saalem.lib.virginia.edu/home.html>.

Funding:

- Two year collaborative research grant from NEH for the creation of the documentary research archive and transcription project.
- The Institute for Advanced Technology in the Humanities (UVa) continues to provide ongoing technological support.

University of Virginia. "The Rossetti Archive" 1993 - 2008 <http://www.rossettiarchive.org/>

Funding

- Institute for Advanced Technologies in the Humanities, University of Virginia
- IATH Research Fellowship
- Andrew W. Mellon Foundation
- etc.

Tools:

- Collex

University of Virginia, "NINES" n.d. <http://nines.org>

SNAC: Social Networks in Archival Context <http://socialarchive.iath.virginia.edu/>

Harvard WorldMap <http://worldmap.harvard.edu/>

TAPAS (TEI Archiving Publishing and Access Service) <http://www.tapasproject.org/>

4. Tools

[Abbyy Fine Reader](#) -- OCR reader

Maryland Institute for Technology in the Humanities (MITH) [Tools for Data-Driven Scholarship](#) (2008)

[Geoserver](#) --open source software server to share and edit geospatial data

[Gephi](#) visualization and exploration platform for all kinds of networks and complex systems, dynamic and hierarchical graphs

[Glossary of Digital Humanities](#) terms

[Juxta](#) Collation software for scholars

[Myopia](#) Visualization tool in support of close reading

[Neatline](#) Omeka plug-in for maps and timelines

[Omeka](#) Web-publishing and exhibiting tool

[oxygen](#) XML editing environment & tools

[serendipomatic](#)

[TAPoR](#) Research tools for textual study

TEI: An Overview ([video](#)) + [Text Encoding Initiative](#) (TEI): Text mark-up in XML

[TEI Boilerplate](#) -- to render TEI docs in a web browser

[10 Timelines](#)

[Voyant](#) : Voyant Tools is a web-based reading and analysis environment for digital texts;

[Documentation](#) for Voyant Tools

[Xtranormal](#): to make animated films (open source)
