

East Asian Digital Humanities Workshop
Dr. Molly Des Jardin
Arizona State University, September 27-28, 2019

Further Reading, Links, and Resources

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MLA Humanities Commons: <https://hcommons.org/members/mdesjardin>

The living and historical snapshot versions of Molly's East Asian DH seminar syllabus, taught at Penn in spring 2018, are located on both mollydesjardin.com (ongoing updates) and [HCommons](#) (May 2018 snapshot) for you to download and reuse freely. Consult the syllabus for even more readings and resources, and further topics to explore!

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0. General technology concepts and skills

- I first learned Python with [The Quick Python Book](#) (Naomi Ceder, third edition in 2018) from Manning Publications (and check out their other offerings too). You can do worse!
- Endless [Coursera](#) MOOCs to audit (especially [Dr. Chuck's courses](#) for beginning Python)
- [MIT OpenCourseware](#) (generally more theoretical and academic than Coursera offerings)
- [O'Reilly for Higher Education](#) (formerly Safari Books Online) via your library's subscription -- be aware that you need to make an individual account to use it.
- [Stack Overflow](#) and other online Q&A or blog posts in a non-English language
- [Programming Historian](#) has "novice-friendly, peer-reviewed tutorials that help humanists learn a wide range of digital tools, techniques, and workflows to facilitate research and teaching."
- [Hacking the Humanities Tutorials](#) on YouTube by [Dr. Paul Vierthaler](#) on a wide range of topics (and [syllabus for the course he taught in 2018](#) with the same name at Leiden)
- If you want to go deep with regular expressions, O'Reilly has published the [Cookbook](#), [Introduction](#), [Pocket Reference](#), and [Mastering](#) books. They may look old but regex really doesn't change. Or you could use a free website like [RegExr](#).

LinkedIn Learning (formerly lynda.com) subscriptions are being cancelled by many libraries because of privacy concerns and I do not recommend it. See [this ALA press release](#).

1. What is "East Asian DH"?

Read

- Vierthaler, Paul. "Imperial Chinese studies and trends in the digital humanities." *China Policy Institute: Analysis* (2016).
<https://cpianalysis.org/2016/06/07/imperial-chinese-studies-and-trends-in-the-digital-humanities/>
- Cha, Javier. "Digital / humanities: new media and old ways in South Korea." *Asiascape: Digital Asia* 2, no. 1-2 (2015): 127–48. doi:10.1163/22142312-12340022.
- Cha, Javier. "Digital Korean studies: recent advances and new frontiers." *Digital Library Perspectives* 34, no. 3 (2018): 227-244.
- De Weerdt, Hilde. "Digital interpretations."
<http://chinese-empires.eu/blog/digital-interpretations/>
- Stockmann, Daniela. "Towards area-smart data science: critical questions for working with big data from China." https://papers.ssrn.com/sol3/papers.cfm?abstract_id=2718120
- *Digital humanities: a primer*, collectively authored by MA students in Carleton University's [DIGH5000](https://carletonu.pressbooks.pub/digh5000) course 2017-2018, for other ways of conceptualizing/teaching "intro to digital humanities" <https://carletonu.pressbooks.pub/digh5000>
- *The digital humanities literacy guidebook*, a new resource in 2019 from Carnegie Mellon.
<https://cmu-lib.github.io/dhlg/>

2. Text Analysis I: Getting Started with a Corpus

Read

- Des Jardin, Molly. "Crawling Aozora Bunko." (2015)
<http://www.mollydesjardin.com/blog/crawling-aozora-bunko/>
- Des Jardin, Molly. "Taiyō project: first steps with data." (2016)
<http://www.mollydesjardin.com/blog/taiyo-project-first-steps-with-data/>
- Bode, Katherine. "The equivalence of 'close' and 'distant' reading; or, toward a new object for data-rich literary history." *Modern Language Quarterly* 78.1 (2017): 77-106.
- Bode, Katherine. "A Response to some responses."
<https://katherinebode.wordpress.com/a-response-to-some-responses/>
- Kuzushiji Recognition Kaggle competition (lots of info and links to explore here)
<https://www.kaggle.com/c/kuzushiji-recognition>
- "Automating the recognition of historical Chinese handwritten texts" (2020-2021 fellowships) at the British Library's Digital Scholarship department
<https://www.chevening.org/fellowship/british-library-chinese-handwritten-texts/>), and some tantalizing info about the project in an August 2019 BL blog post:
<https://blogs.bl.uk/digital-scholarship/2019/08/chevening-british-library-fellowship.html#>
- Drabinski, Emily. "Queering the catalog: queer theory and the politics of correction." *The Library Quarterly: Information, Community, Policy* 83, no. 2 (2013): 94–111.

- Wilson, Emma Annette and Mary Alexander. "When metadata becomes outreach: indexing, describing, and encoding for DH." *dh+lib* 2016 Special Issue (2016). <https://acrl.ala.org/dh/2016/07/29/when-metadata-becomes-outreach/>
- Sturgeon, Donald. "Unsupervised extraction of training data for pre-modern Chinese OCR." *Proceedings of the Thirtieth International Florida Artificial Intelligence Research Society Conference* (2017): 613-618.

3. Text Analysis II: Basic Concepts and Issues

Read

- Wallace, Melissa. "How does Chinese-Japanese-Korean (CJK) searching work?" *CUL Discovery and Access* (2014) <http://blogs.cornell.edu/discoveryandaccess/2014/07/01/how-does-chinese-japanese-korean-cjk-searching-work/>
- Elias, Alexandre. "Encodings of Japanese." <https://www.sljfaq.org/afaq/encodings.html>
- Catalinac, Amy. "Quantitative text analysis with Asian languages: some problems and solutions." *Polimetrics* 1, no. 1 (2014): 14-16.
- Froehlich, Heather. "An introductory bibliography to corpus linguistics." <https://hfroehli.ch/2014/05/11/intro-bibliography-corpus-linguistics/>

Software and tutorials

- Laurence Anthony's AntConc: <https://www.laurenceanthony.net/software/antconc/>
- Froehlich, Heather. "Corpus Analysis with Antconc." *Programming Historian* (19 June 2015) <https://programminghistorian.org/en/lessons/corpus-analysis-with-antconc> (French and Spanish translations also available)
- Python Natural Language Toolkit (NLTK): <http://www.nltk.org/>
- Bird, Steven, Ewan Klein, and Edward Loper. *Natural Language Processing with Python: Analyzing Text with the Natural Language Toolkit*. Online at <http://www.nltk.org/book/>

4. Text Analysis III: Hands-On with Voyant and Topic Modeling Tool

Software links and documentation

- Voyant Server: <https://github.com/sgsinclair/VoyantServer>
- Voyant Tools documentation (don't trust the Google results): <http://voyant-tools.org/docs/#!/guide>
- Topic Modeling Tool: <https://github.com/senderle/topic-modeling-tool>
- Enderle, Scott. "Quickstart Guide." *Topic Modeling Tool Blog* (6 January 2017) <https://senderle.github.io/topic-modeling-tool/documentation/2017/01/06/quickstart.html>

Read

- Underwood, Ted. "Topic modeling made just simple enough." <https://tedunderwood.com/2012/04/07/topic-modeling-made-just-simple-enough/>
- Roland, Teddy. "Topic modeling: what humanists actually do with it." <http://digitalhumanities.berkeley.edu/blog/16/07/14/topic-modeling-what-humanists-actually-do-it-guest-post-teddy-roland-university>
- London, Daniel. "Of nuance and algorithms: what conceptual history can learn from topic modeling." <https://jhiblog.org/2016/04/13/of-nuance-and-algorithms-what-conceptual-history-can-learn-from-topic-modeling/>
- Nichols, Ryan, Edward Slingerland, Kristoffer Nielbo, Uffe Bergeton, Carson Logan, and Scott Kleinman. "Modeling the contested relationship between *Analects*, *Mencius*, and *Xunzi*: preliminary evidence from a machine-learning approach." *Journal of Asian Studies* 77, no. 1 (2018): 19-7.
- Allen, Colin, Hongliang Luo, Jaimie Murdock, Jianghuai Pu, Xiaohong Wang, Yanjie Zhai, and Kun Zhao. "Topic modeling the Hàn diǎn Ancient Classics (汉典古籍)." *Journal of Cultural Analytics* (10/12/2017). <http://culturalanalytics.org/2017/10/topic-modeling-the-han-dian-ancient-classics-%e6%b1%89%e5%85%b8%e5%8f%a4%e7%b1%8d/>

Guides and bibliographies

- Weingart, Scott B. "Topic modeling for humanists: a guided tour." <http://scottbot.net/topic-modeling-for-humanists-a-guided-tour/>
- Mimno, David. "Topic modeling bibliography." <https://mimno.infosci.cornell.edu/topics.html>

5. Intro to APIs

Tutorials, presentations, and courses

- Severance, Charles. "Using Python to Access Web Data" (University of Michigan Coursera course) <https://www.coursera.org/learn/python-network-data>
- "What are APIs and How Do They Work?" 7-part series on ProgrammableWeb's API University. <https://www.programmableweb.com/api-university/what-are-apis-and-how-do-they-work>
- Cooksey, Brian. *An Introduction to APIs*. (Zapier, 2014) Online and free ebook download at <https://zapier.com/learn/apis/> (thanks to Eileen Clancy for the recommendation)
- Sherratt, Tim. "Introducing APIs." <https://slides.com/wragge/introducing-apis-vala/#/>

- Xavier Adam. "An illustrated introduction to APIs." *EPFL Extension School*
<https://medium.com/epfl-extension-school/an-illustrated-introduction-to-apis-10f8000313b9>
- Ravina, Mark. "What is an API"
<https://www.eventscribe.com/uploads/eventScribe/PDFs/2016/7155/875392.pdf>
- CTP API tutorial: <https://digitalsinology.org/classical-chinese-dh-python-ctext-api/>
- MARKUS tutorial videos <http://dh.chinese-empires.eu/markus/beta/video.html>
- D'Agostino, Lucy. "Harnessing the Power of the Web via R Clients for Web APIs."
<https://www.youtube.com/watch?v=L9lOCtVF7uI> (h/t Eileen Clancy on this one too)

Read

- Sturgeon, Donald. "Crowdsourcing, APIs, and a digital library of Chinese." *China Policy Institute: Analysis* (2016).
<https://cpianalysis.org/2016/06/08/crowdsourcing-apis-and-a-digital-library-of-chinese/>
- Sturgeon, Donald. "Chinese Text Project: a dynamic digital library of premodern Chinese." *Digital Scholarship in the Humanities*, fqz046 (29 August 2019).
doi:10.1093/llc/fqz046
- De Weerd, Hilde. "Collaborative innovation and the Chinese digital humanities." *China Policy Institute: Analysis* (2016).
<https://cpianalysis.org/2016/06/09/collaborative-innovation-and-the-chinese-digital-humanities/>

API and project examples

- China Biographical Database: <https://projects.iq.harvard.edu/cbdb>
- CTP Digital Humanities Tools: <http://ctext.org/tools/digital-humanities> and CTP API documentation: <http://ctext.org/tools/api>
- MARKUS: <http://dh.chinese-empires.eu/markus/beta> (Google Chrome only)
- 近代書物流通マップ: <https://the-artifacts.firebaseio.com/> (Japanese only)
- Dog API: <https://dog.ceo/dog-api/documentation/>

6. Intro to IIIF

Introduction

Sinologists, stay tuned here <http://dh.ascdc.sinica.edu.tw/member/> (thanks to [Jidong Yang](#))

First: Spend all day at "Awesome IIIF" <https://github.com/IIIF/awesome-iiif> and check out the official IIIF website at <https://iiif.io/>

Then explore some more with these links...

Some IIIF viewers

- Mirador <https://projectmirador.org/> (favorite of [Dot Porter](#))
- IIIF Curation Viewer <http://codh.rois.ac.jp/software/iiif-curation-viewer/>
(Japanese-language site only, recommended by [Kathi Matsuura](#))
- IIIF Curation Viewer demo (in English)
<http://codh.rois.ac.jp/software/iiif-curation-viewer/demo/>
- “Open in IIIF Viewer” Firefox/Chrome plugin
<https://github.com/2SC1815J/open-in-iiif-viewer/> (linked from CODH)

A taste of IIIF resources

(for East Asian studies around the world, unsorted)

- O'Neill, Niqui. "Where to find IIIF" <https://dnoneill.github.io/annotate/getIIIFresources/>
- IIIF Discovery in Japan: <http://iiif2.dl.itc.u-tokyo.ac.jp/s/iiif/page/home>
- National Diet Library Digital Collections: http://dl.ndl.go.jp/?_lang=en
- Recommended IIIF Sites from CODH (Japanese-only site UI but resource content not limited to Japanese): <http://codh.rois.ac.jp/software/iiif-curation-viewer/resource/>
- Stanford Digital Repository IIIF-compatible resources:
https://searchworks.stanford.edu/catalog?f%5Biiif_resources%5D%5B%5D=available
- The Ten Thousand Rooms Project: <https://tenthousandrooms.yale.edu/>
- Harvard-Yenching Digital Collections:
https://digitalcollections.library.harvard.edu/catalog?f%5Brepositary%5D%5B%5D=Harvard-Yenching&search_field=all_fields
- Princeton University Library Digital PUL: <https://dpul.princeton.edu/>
- IIIF Manifests for Buddhist Studies (SAT Daizōkyō Text Database Committee and International Institute for Digital Humanities):
<http://bauddha.dhii.jp/SAT/iiifmani/show.php>
- Life of the Buddha: <http://lotb.iath.virginia.edu/>
- Chinese Railroad Workers Project: <https://exhibits.stanford.edu/crrw>
- CrossAsia Digitized Collections: <https://digital.crossasia.org/?lang=en>
- Harvard's Chinese Rubbings Collection:
https://curiosity.lib.harvard.edu/chinese-rubbings-collection?utm_source=library.har
- Tokyo University's Ogura Bunko (Korean materials):
<https://iiif.dl.itc.u-tokyo.ac.jp/repo/s/ogura/page/home>
- Kyoto University Kawai Collection (Korean materials):
<https://rmda.kulib.kyoto-u.ac.jp/en/collection/kawai>
- Digital Bodleian <https://digital.bodleian.ox.ac.uk/>
- Chinese-language resources on the Bibliothèque nationale de France's Gallica:
[https://gallica.bnf.fr/services/engine/search/sru?operation=searchRetrieve&exactSearch=false&collapsing=true&version=1.2&query=\(dc.language%20all%20%22chi%22\)&suggest=10&keywords=](https://gallica.bnf.fr/services/engine/search/sru?operation=searchRetrieve&exactSearch=false&collapsing=true&version=1.2&query=(dc.language%20all%20%22chi%22)&suggest=10&keywords=)
- Korean-language resources on the Bibliothèque nationale de France's Gallica:
<https://gallica.bnf.fr/services/engine/search/sru?operation=searchRetrieve&version=1.2&startRecord=0&maximumRecords=15&page=1&collapsing=true&exactSearch=false&qu>

[ery=%28dc.language%20all%20%22kor%22%29&filter=dc.language%20all%20%22kor%22](#)

- Digital East Asia Collections at the Bavarian State Library:
<https://ostasien.digitale-sammlungen.de/?locale=en>
- Kansai University Open Research Center for Asian Studies (KU-ORCAS) digital archive:
<https://www.iiif.ku-orcas.kansai-u.ac.jp/books/about>
- East Asian materials in the Staatsbibliothek zu Berlin Digital Collections
<https://digital.staatsbibliothek-berlin.de/suche?category=Ostasiatica>

Credits

Thanks to the following people who gave me recommendations and helped crowdsource more, again in no particular order: [Nagasaki Kiyonori](#), [Dot Porter](#), [Ben Albritton](#), [Niqui O'Neill](#), [Johannes Baiter](#), [Hilde De Weerd](#), [Tamsyn Baloney-Spiel](#), [Vernica Downey](#), [Jesse Hurlbut](#), [Carol Chiodo](#), [Kikuchi Nobuhiko](#), [Kathi Matsuura](#), [Matthias Kaun](#), [Yukari Sugiyama](#), [Martin Heijdra](#), [Joshua Seufert](#), and a kind but unknown tweeter from the [Bodleian Digital Library account](#). (Links are to Twitter handles where I can't find an individual website.)

7. Moving Forward: Community-Building, Sharing Work, Continued Exploration

Read and watch

- Mostern, Ruth and Marieka Arksey. "Don't just build it, they probably won't come: data sharing and the social life of data in the historical quantitative social sciences." *International Journal of Humanities and Arts Computing* 10, no. 2 (2016): 205-224.
- Owens, Trevor. "Crowdsourcing digital heritage: the objectives are upside down." <http://www.trevorowens.org/2012/03/crowdsourcing-cultural-heritage-the-objectives-are-upside-down/>
- Hashimoto, Yuta, et al. "The kuzushiji project: developing a mobile learning application for reading early modern Japanese texts." *Digital Humanities Quarterly* 11, no. 1 (2017). <http://www.digitalhumanities.org/dhq/vol/11/1/000281/000281.html>
- "History Respawned: Harvard Egyptologist on Assassin's Creed Origins." *History Respawned* (17 February 2018) https://youtu.be/ANQL5z_JEpQ
- Sturgeon, Donald. "Towards a sustainable infrastructure for historical Chinese texts." <https://youtu.be/D6x-d5RqkTs>
- Feerackers, Alice, Juan Pablo Alperin, Esteban Morales, and Remi Kalir. "Comment, reply, repeat: engaging students with social annotation." *scholcommmlab* (27 August 2019) <https://www.scholcommmlab.ca/2019/08/27/social-annotation/>

Organizations

- Creative Commons: <https://creativecommons.org>

- Alliance of Digital Humanities Organizations (ADHO): <http://adho.org/>
- Association for Computers and the Humanities (ACH): <http://ach.org/>
- Japanese Association for Digital Humanities (JADH): <https://www.jadh.org/>
- Taiwanese Association for Digital Humanities (TADH): <http://tadh.org.tw/en/>
- Center for Open Data in the Humanities (CODH): <http://codh.rois.ac.jp/index.html.en>
- DH Japan: <https://dhjapan.org>

Conferences and meetings

- DH: <http://adho.org/conference>
- JADH: <https://www.jadh.org/node/8>
- TADH: <http://tadh.org.tw/en/conference/>
- AAS Annual Conference Digital Technology Sessions: <https://conference.asian-studies.org/conference/>
- International Conference on the Cyberinfrastructure for Historical China Studies (March 14-16, 2018, Harvard China Center, Shanghai) organized by [Peter Bol](#) (China Biographical Database) and [Donald Sturgeon](#) (Chinese Text Project) <https://ctext.org/digital-humanities/shanghai2018>

Mailing lists and online groups

- Humanist: <https://dhhumanist.org/>
- DH Japan: <http://dhjapan.org/mailling-list/>
- Digital Humanities East Asia on HCommons: <https://hcommons.org/groups/east-asia-dh/>
- Twitter: it's not just for Donald Trump

Platforms and tools for putting things online

- hypothes.is social annotation tool: <https://web.hypothes.is/>
- MLA Humanities Commons: <https://hcommons.org>
- Wordpress: <https://wordpress.com> (compare with <https://wordpress.org>)
- Omeka: <https://omeka.org/classic/showcase/>
- Scalar: <https://scalar.usc.edu/scalar/>
- Mukurtu: <http://mukurtu.org>
- Knight Lab tools: <https://knightlab.northwestern.edu/projects/>
- Neocities: <https://neocities.org>

Tutorials

- Visconti, Amanda. "Building a static website with Jekyll and GitHub Pages." *Programming Historian* (18 April 2016) <https://programminghistorian.org/lessons/building-static-sites-with-jekyll-github-pages>
- Rascia, Tania. "Make a static website with Jekyll." (30 November 2015) <https://www.taniarascia.com/make-a-static-website-with-jekyll/>

8. Future Directions of Methodologies in East Asian Studies

Read

- Da, Nan Z. "The computational case against computational literary studies." *Critical Inquiry* 45 (Spring 2019): 601-639
- Shorter Nan Z. Da:
 - Da, Nan Z. "The Digital Humanities Debacle: Computational methods repeatedly come up short." *Chronicle of Higher Education* (27 March 2019)
<https://www.chronicle.com/article/The-Digital-Humanities-Debacle/245986>
 - Underwood, Ted. "Dear Humanists: Fear Not the Digital Revolution." *Chronicle of Higher Education* (27 March 2019)
<https://www.chronicle.com/article/Dear-Humanists-Fear-Not-the/245987>
- And response to Nan Z. Da in *Cultural Analytics*:
 - Piper, Andrew. "Do we know what we are doing?" (1 April 2019)
<https://culturalanalytics.org/2019/04/do-we-know-what-we-are-doing/>
 - Herrmann, J. Berenike, Anne-Sophie Bories, Francesca Frontini, Simone Rebora, and Jan Rybicki. "Response by the Special Interest Group on Digital Literary Stylistics to Nan Z. Da's study." (3 May 2019)
<https://culturalanalytics.org/2019/05/response-by-the-special-interest-group-on-digital-literary-stylistics-to-nan-z-das-study/>
 - Jannidis, Fotis. "On the perceived complexity of literature. A response to Nan Z. Da." (17 June 2019)
<https://culturalanalytics.org/2019/06/on-the-perceived-complexity-of-literature-a-response-to-nan-z-da/>
- Treat, John Whittier. "Japan is interesting: modern Japanese literary studies today." *Japan Forum* 30, no. 3 (2018): 421-440.
- DH interviews in *LA Review of Books*:
<https://lareviewofbooks.org/feature/the-digital-in-the-humanities/>
- De Weerd, Hilde. "Isn't the Siku quanshu enough? Reflections on the impact of new digital tools for classical Chinese."
<http://chinese-empires.eu/blog/isnt-the-siku-quanshu-enough-reflections-on-the-impact-of-new-digital-tools-for-classical-chinese/>
- Gibbs, Frederick W. "New forms of history: critiquing data and its representations."
<http://tah.oah.org/february-2016/new-forms-of-history-critiquing-data-and-its-representations/>

Syllabi

- [Chinese 211: Bibliography and Research Methods](#) (Dr. Thomas Mazanec, UCSB 2019)