

Ryan Horne
Curriculum Vitae

UCSB Library - Main
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EDUCATION

August, 2015 Ph.D., History, University of North Carolina, Chapel Hill

May, 2010 M.A., History, University of California, Santa Barbara

May, 2005 B.A. / B.S., Dual major in History and Information Sciences and Technology,
Pennsylvania State University

PROFESSIONAL EXPERIENCE

2021 - present Digital Humanities Research Facilitator, Research Data Services, University of
California, Santa Barbara Library

2020 - 2021 Sinai Manuscripts Digital Library Data/Metadata Coordinator, Digital Library Program,
University of California, Los Angeles Library

2019 - 2020 Research Associate, World History Center, History Department, University of
Pittsburgh

2017 - 2019 Post-Doctoral Fellow, World History Center, History Department, University of
Pittsburgh

2015 - 2017 Post-Doctoral Fellow, the Carolina Digital Humanities Initiative, History Department,
and the Institute for the Arts and Humanities, University of North Carolina, Chapel Hill

2014 - 2015 Director, Ancient World Mapping Center, History Department, University of North
Carolina, Chapel Hill

2010 - 2014 Digital Director, Ancient World Mapping Center, History Department, University of
North Carolina, Chapel Hill

2008 - 2010 Teaching Assistant, University of California, Santa Barbara

2005 - 2007 Software Engineer Associate, Lockheed Martin, Owego, NY
(Developed optical character recognition software and web resources)

PUBLICATIONS

Monographs

2020 *Aeolian Alexanders: Economic, Material, and Social Networks in Antiquity*

Electronic publication supported by a NEH-Mellon Fellowship for Digital Publication.
<http://aeolian-coins.org/>

Editor

- 2021 Bond, Sarah, Paul Dilley, and Ryan Horne (eds). *Linked Open Data for the Ancient Mediterranean: Structures, Practices, Prospects*. ISAW Papers 20.
<http://dlib.nyu.edu/awdl/isaw/isaw-papers/20/>

Book Chapters

- forthcoming Horne, Ryan and Ruth Mostern. "Landscapes in Motion: Cartographies of Connectivity and the Place of Physical Geography in the Environmental and Spatial Humanities" In *Routledge Handbook of the Digital Environmental Humanities*, ed. Luke Bergmann, Arlene Crampsie, Deborah Dixon, Steven Hartman, Robert Legg, Francis Ludlow, and Charlie Travis. Routledge.
- 2021 Digital Approaches to the 'Big Ancient Mediterranean.'" In *Access and Control in Digital Humanities*, ed. Shane Hawkins. Routledge. p. 78–95
- 2021 Bond, Sarah, Paul Dilley, and Ryan Horne. "Introducing the Semantic Web and Linked Open Data," in Bond, Sarah, Paul Dilley, and Ryan Horne (eds). *Linked Open Data for the Ancient Mediterranean: Structures, Practices, Prospects*. ISAW Papers 20.
<http://dlib.nyu.edu/awdl/isaw/isaw-papers/20-1/>
- 2021 "Applying Linked Open Data Standards," in Bond, Sarah, Paul Dilley, and Ryan Horne (eds). *Linked Open Data for the Ancient Mediterranean: Structures, Practices, Prospects*. ISAW Papers 20. <http://dlib.nyu.edu/awdl/isaw/isaw-papers/20-2/>
- 2021 Mostern, Ruth and Ryan Horne. "Tracking Yu: Developing a Data System for Yellow River History." In Mostern, Ruth *Yellow River: A Natural and Unnatural History*. Yale University Press. p. 247–266
- 2020 "Mapping Power: Using HGIS and Linked Open Data to Study Ancient Greek Garrison Communities," in *Historical Geography, GIScience and Textual Analysis: Landscapes of Time and Place*, ed. Charles Travis, Francis Ludlow, and Ferenc Gyuris. Springer. p. 213–227

Articles

- forthcoming Middle, Sarah, Ryan Horne, David A. McMeekin, Chiara Zuanni, and Alex Butterworth. "Geographies of Place in Digital Art History", *International Journal of Humanities and Arts Computing (IJHAC)*.
- 2021 "Digital Tools and Ancient Empires: Using Network Analysis and Geographic Information Systems to Study Imperial Networks in Hellenistic Anatolia." *Journal of World History* 32, no. 2: 321–43.
- 2020 "Beyond Lists: Digital Gazetteers and Digital History," *The Historian*: 1–14

2020 “Connecting the Dots: Rethinking Cartographies of Connectivity,” *PLATFORM*.
<https://www.platformspace.net/home/connecting-the-dots-rethinking-cartographies-of-connectivity>

2019 “Addressing Divergent Digital Literacies and Visualizing Data Uncertainty in Social Networks and the Ancient Greek Garrisons Project.” *Classics@* 17.
<https://classics-at.chs.harvard.edu/classics17-horne/>

2014 “Beyond Maps as Images at the Ancient World Mapping Center.” *ISAW Papers* 7.9,
<http://dlib.nyu.edu/awdl/isaw/isaw-papers/7/horne/>

Digital Publications and Projects

2021 Maps and infographics in Mostern Ruth, *Yellow River: A Natural and Unnatural History* Yale University Press.

2017 Black Lunch Table Audio Archive.
<https://blacklunchtable.com/>

2017 *IAH Knowledge Network Map*. Institute for the Arts and Humanities, University of North Carolina, Chapel Hill.
<https://iah-unc.github.io/knowledge-network/>

2017 with Talbert, Richard, Brian Turner, Jeffrey Becker, Ross Twele, and Gabriel Moss. *Map of Asia Minor in the Second Century C.E.*, Ancient World Mapping Center, University of North Carolina, Chapel Hill.
<http://awmc.unc.edu/wordpress/blog/2017/02/22/wall-map-now-available-asia-minor-in-the-second-century-c-e/>

2015 with Sarah Bond and Paul Dilley. *Terra Biblica and BAM Online Resources*, University of Iowa.
<http://bam.lib.uiowa.edu/>

2014 Strabo Digital Mapping Application in support of Roller, Duane W. 2014. *Geography of Strabo: An English Translation, with Introduction and Notes*. Cambridge: Cambridge University Press.

2014 *AWMC Map Tiles*
A series of geographically accurate, publicly accessible map tiles of the Ancient World, which receive over 1.5 million views a year
<http://awmc.unc.edu/wordpress/tiles/>

2012-Present Pleiades Project
A peer-reviewed, community-built gazetteer and graph of ancient places
<http://pleiades.stoa.org/>
273 new additions, 779 other contributions (see <http://pleiades.stoa.org/credits>)

2012 *Antiquity À-la-carte*
A web-based GIS and interactive digital atlas of the Ancient World.

<http://awmc.unc.edu/wordpress/alacarte/>

- 2011 Tabula Peutinger Map in support of Talbert, Richard J. A., Tom Elliott, Nora Harris, and Martin Steinmann. 2010. *Rome's World: The Peutinger Map Reconsidered*. Cambridge: Cambridge University Press.
<http://peutinger.atlantides.org/map-a/>

Book Reviews (Invited)

- 2013 Review of John Lendon. *Song of Wrath: The Peloponnesian War Begins*. The History Teacher, Volume 46, No. 2 (February 2013) p. 303-304
- 2009 Review of John Hale. *Lords of the Sea: The Epic Story of the Athenian Navy and the Birth of Democracy*. The History Teacher, Volume 43, No. 1 (November 2009) p. 146-147

SOFTWARE COMPETENCIES

Javascript (including D3.js, Leaflet, OpenLayers), PHP, C++, C, Java, Python (including anaconda and jupyter notebooks), SQL (including mySQL, PostgreSQL, PostGIS), XML, RDF, Linux, Gephi, Drupal, Wordpress

GRANTS, FELLOWSHIPS, AND AWARDS

- 2021 Co-author, Mellon Foundation Grant #2101-09956, for the Black Lunch Table Digital Archive (PI: Jina Valentine), \$500,000
- 2021 Co-author, NEH Digital Humanities Advancement Level III Grant, for Sinai Manuscripts Data Portal Project (PIs: Virginia Steel and Dawn Childress), \$325,000
- 2020 Co-author, The Andy Warhol Foundation for the Visual Arts, for the Black Lunch Table (PI: Jina Valentine), \$60,000
- 2019 Digital Atlas Design Internship course selected as one of four University of Pittsburgh entries to the ACC Smithsonian Creativity and Innovation Festival, National Museum of American History, Washington, D.C, April 5-7
- 2018 WikiConference North America 2018 Scholarship
- 2018 NEH-Mellon Fellowship for Digital Publication #FEL-257341-18, \$50,400
- 2015 Co-author, Obermann Center for Advanced Studies Interdisciplinary Research Grant, University of Iowa
- 2014 Holsenbeck Fund, University of North Carolina, Chapel Hill
- 2013 Raymond Faherty Research Grant for Military History, University of North Carolina, Chapel Hill
- 2013 George B. Tindall Graduate Fellowship for Summer Research, University of North Carolina, Chapel Hill
- 2013 Semple Award, Classical Association of the Middle West and South
- 2012 Wadell Fund, University of North Carolina Chapel Hill
- 2012 Mowry Dissertation Fellowship, University of North Carolina Chapel Hill
- 2011 Clein Fund, University of North Carolina Chapel Hill

2009 Drake Fund, University of California, Santa Barbara

CONFERENCE ACTIVITY

Invited Papers

- 2021 “Mare Nostrum: Using Linked Open Data, Network Analysis and Historical GIS to Model Ancient Waters” in the panel *Technologies and New Solutions*. Roman Waters: Literature, Archaeology, and New Technologies, LMU Munich, September 16-17
- 2020 “Mediterranean Pathways: GIS, Network Analysis, and the Ancient World” in the panel *(Inter-)Regional Networks in Hellenistic Eurasia*. 2020 Joint Annual Meeting of the Archaeological Institute of America and the Society for Classical Studies, Washington, DC, January 2–5
- 2019 “HGIS, Networks, and Numismatics” in the panel *Geospatial Classics: Teaching and Research Applications of G.I.S. Technology*. 2019 Joint Annual Meeting of the Archaeological Institute of America and the Society for Classical Studies, San Diego, California, January 3–6
- 2018 “Using the new Antiquity À-la-carte 2.0 to create custom maps with data from Pleiades and the Ancient World Mapping Center” in the workshop *Turning Spatial with Pleiades: Creating, Teaching, and Publishing Maps in Ancient Studies*, 2018 Joint Annual Meeting of the Archaeological Institute of America and the Society for Classical Studies, Boston, Massachusetts, January 4–7
- 2017 “People, Places, and Time: Representing Entities In the *Big Ancient Mediterranean* Project” in Global Philology: Digital Infrastructure for Named Entities Data, Leipzig, January 11-13
- 2017 “Make Your Own Map” in the workshop *Ancient Maker Spaces: Digital Tools for Classical Scholarship*, 2017 Joint Annual Meeting of the Archaeological Institute of America and the Society for Classical Studies, Toronto, January 5–8
- 2016 “Linked Data and the *The Big Ancient Mediterranean*”, Workshop on Digital Humanities, Carleton University, Ottawa, May 14-15

Papers

- 2021 “Landscapes in Motion: Cartographies of Connectivity and the Place of Physical Geography in the Environmental and Spatial Humanities”, 2021 UC GIS Week, November 16-18
- 2021 With Dawn Childress, “Linked Open Data in the Sinai Manuscripts Digital Library Project”, 2021 LD4 Conference on Linked Data, July 19-23
- 2021 “Welcome to the world of geospatial Linked Open Data”, 2021 UC GIS Meetup, April 1

- 2016 “Fuzzy Networks, Fuzzy Geography: Visualizing Complex Networks and Uncertain Data in the *Big Ancient Mediterranean*”, Linking the Big Ancient Mediterranean Conference, University of Iowa, June 6-8
- 2016 with Sarah Bond and Paul Dilley, “*BAM*: Text, Networks, and GIS Mapping in the Big Ancient Mediterranean”, Mapping the Past: G.I.S. Approaches to Ancient History, University of North Carolina, Chapel Hill, April 8-9
- 2015 with Sarah Bond and Paul Dilley, “Developing the Terra Biblica and *BAM* (“Big Ancient Mediterranean”) Online Resources” in the panel *Digital Humanities and the Study of Patristics*, Session 1, 17th International Conference on Patristic Studies, Oxford, August 10-14
- 2013 “Beyond Maps as Images at the Ancient World Mapping Center”, Linked Ancient World Data Institute, Drew University Campus, May 30-June 1
- 2013 “Mapping Antiquity À-la-carte: A GIS Interface of the Ancient World” at Word, Space, Time: Digital Perspectives on the Classical World, Digital Classics Association at SUNY Buffalo, April 5-6
- 2012 “Mapping Antiquity À-la-carte” in the panel *New Mapping Resources for Instructors and Students*, 108th CAMWS Annual Meeting, Baton Rouge, Louisiana, March 28-31

Roundtables / Workshops

- 2021 with Biswas, Paromita, Dawn Childress, Iman Dagher, and Erica Zhang. “Connecting Knowledge: Linked Open Data in Libraries”, UC Libraries Forum 2021, October 26 - 29
- 2020 Levitan, Rebecca et. al. “The Digital Futures of Ancient Objects: Discussing Next Steps for Collaborative Digital Humanities Projects”, 2020 Joint Annual Meeting of the Archaeological Institute of America and the Society for Classical Studies, Washington, DC, January 2–5
- 2019 Grossner, Karl, Ryan Horne and Ruth Mostern “Linking Pasts with Place Names and Gazetteers”, ACH 2019 Conference, Pittsburgh, PA, July 23-26

Posters

- 2015 “Draft Map of Hispania during the Second Century C.E.”, poster session, 116th Annual Meeting of the Archaeological Institute of America, New Orleans, January 8–11

Organization

- 2019 Panel Organizer for *Geospatial Classics: Teaching and Research Applications of G.I.S. Technology*. 2019 Joint Annual Meeting of the Archaeological Institute of America and the Society for Classical Studies, San Diego, California, January 3–6
- 2010 Planning Committee for *Beyond Borders: Ancient Societies and their Intellectual Frontiers*, The Ancient Borderlands International Graduate Student Conference,

University of California, Santa Barbara

TALKS

- 2022 “How not to Lie with Data: Trustworthy Data Storytelling”, *UC Love Data Week*, University of California, Santa Barbara, February 14
- 2021 “A Borderland in Imperial Networks: Aeolis in the Hellenistic World”, *Mapping Mobilities* Session 3, University of Southern California, January 21
- 2019 “Mediterranean Pathways: GIS, Network Analysis, and the Ancient World”, University of California, Santa Barbara, May 20
- 2018 with Mostern, Ruth. “Digital Methods in Spatial History workshop”, in *2018 Globalizing World History Research Symposium*, University of Pittsburgh, August 24–25
- 2014 “New Pathways Through the Ancient World: HGIS, Linked Data, and the Web”, *Wake Forrest Digital Humanities Kitchen*, Wake Forrest University, October 24
- 2014 “Creating a Picture of History: Maps, Data and Method at the Ancient World Mapping Center”, Keynote, UNC / King's College Transatlantic Conference, UNC Chapel Hill, September 16
- 2012 “Mapping Digital Prosopographies”, meeting of The California Consortium for the Study of Late Antiquity, University of California, Davis, October 5

CAMPUS TALKS

- 2021 With Dawn Childress, “An Evolving Sinai Manuscripts Data Program”, 2021 UCLA Library Research Forum Program, March 23
- 2014 “AWMC Research”, Poster Session, ITS Research Computing Symposium, UNC Chapel Hill, May 20
- 2014 with Ross Twele “Mapping the Ancient Mediterranean in the Digital Age”, HGIS Carolina Student Showcase, UNC Chapel Hill, April 3
- 2014 “AWMC Research”, Poster Session, University Research Day, UNC Chapel Hill, March 4
- 2012 “Antiquity À-la-carte”, Innovative Use of GIS, UNC Chapel Hill, November 14

CAMPUS WORKSHOPS

- 2021 “Introduction to QGIS and Making a Map in the Humanities”, UCLA Library Research Workshop, January 14
- 2020 “Introduction to Mapping and Digital Gazetteers for the Humanities”, UCLA Library Research Workshop, November 17

- 2018 “Introduction to Network Analysis and Visualization”, University of Pittsburgh Library, October 12
- 2018 “Introduction to QGIS”, University of Pittsburgh Library, September 28
- 2017 “Introduction to Network Analysis and Visualization”, University of Pittsburgh Library, October 12

TEACHING EXPERIENCE

University of Pittsburgh

- 2019 Digital Atlas Design Internship, History Department, Spring Semester
- 2018 Digital Atlas Design Internship, History Department, Fall Semester
- 2018 Digital Atlas Design Internship, History Department, Spring Semester
- 2017 Digital Atlas Design Internship, History Department, Fall Semester

University of North Carolina, Chapel Hill

- 2017 Introduction To Historical Geographic Information Systems, Honors College, Spring Semester
- 2016 Introduction To Social Network Analysis and Conspiracy Theories, Honors College, Fall Semester
- 2015 Roman History, History Department, Summer Session II

University of North Carolina, Chapel Hill, Teaching Assistant

- 2013 History of Greece, History Department, Fall Semester
- 2012 Roman History, History Department, Spring Semester
- 2011 Ancient History, History Department, Fall Semester

University of California, Santa Barbara, Teaching Assistant

- 2010 Western Civilization: 1715 CE to Present, History Department, Spring Quarter
- 2009 Introduction to the Middle East, Global and International Studies Program, Fall Quarter
- 2009 World History: 7000 BCE-1000 CE, History Department, Spring Quarter
- 2008 Introduction to the Middle East, Global and International Studies Program, Fall Quarter

PROFESSIONAL DEVELOPMENT

- 2020 Selected as a participant in the Linked Open Data – Libraries, Archives, Museums (LODLAM) Summit. The Getty Center, February 3-4.
- 2018-2019 Selected as a participant in the *Institute in Ancient Itineraries: The Digital Lives of Art History*. King’s College, London, England and Swedish Institute at Athens, Athens, Greece.
- 2013 Participant in the American School of Classical Studies at Athens Summer Session I,

Athens, Greece

2012 Participant with stipend in the Eric P. Newman Graduate Seminar in Numismatics, American Numismatic Society, New York, New York

PROFESSIONAL SERVICE

Committee Memberships

2022-present Born-Digital and Digital Archives Working Group, UCSB Library

Board Memberships

2021-present Development Advisory Board, World Historical Gazetteer

2018-present Advisory Board, Mediterranean Connectivity Initiative

2018-present Vice Chairman of the Board, Black Lunch Table

Peer Review

2021 Article Reviewer, International Journal of Humanities and Arts Computing

2018 Panelist, NEH digital humanities advancement grant competition

2018 Article Reviewer, Journal of Field Archaeology

2014-2015 Co-Managing Editor, Pleiades Project
(NEH Digital Implementation Grant Awarded, July 2015)

2013-Present Associate Editor, Pleiades Project

Other

2022-present Mentor, Digital Ethics Futures Consortium

LANGUAGES

French: Intermediate reading

German: Intermediate reading

Italian: Intermediate reading

Ancient Greek: Research language

Latin: Research language