RUTH MOSTERN

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EMPLOYMENT

2016-present, Associate Professor of History, University of Pittsburgh
  2019-present, Secondary Appointment in the Information Culture and Data Stewardship Department, School of Computing and Information, University of Pittsburgh
2004-2017, Founding Faculty, University of California at Merced School of Social Sciences, Humanities and Arts, History and World Cultures Department (2010-2017, Associate Professor; 2004-2010, Assistant Professor)
2000-04, University of California at Berkeley, Electronic Cultural Atlas Initiative (ECAI) Head of Collections Development (Associate Academic Specialist)

LEADERSHIP POSITIONS

2017-2021, University of Pittsburgh World History Center Director
2012-16, UC Merced Interdisciplinary Humanities Graduate Group Founder and Chair
2014-15, UC Merced Center for the Humanities Interim Director
2008-15, UC Merced Spatial Analysis and Research Center Co-Founder and Co-Director
2013-14, UC Merced Faculty Senate Committee on Research Chair

VISITING POSITIONS

2019, Visiting Scholar, International Center for Studies of Chinese Civilization, Fudan University 復旦大學中華文明國際研究中心, Shanghai, China
2018, Visiting Scholar, Zhejiang University, Hangzhou, China
2012, Visiting Scholar, Institute for Historical Geography, Fudan University, Shanghai, China
2012, Visiting Scholar, Spatial History Project, Stanford University
2010, Visiting Faculty, Learning Spatially (LENS) Summer Institute: Mapping People, University of Redlands
2006, Visiting Fellow, Archaeological Computing Laboratory, University of Sydney, Australia

1997-8, Visiting Scholar, Tōyō Bunko, Tokyo, Japan
1996-7, Visiting Scholar, Institute of History and Philology, Academia Sinica, Taipei, Taiwan

EDUCATION AND PROFESSIONAL DEVELOPMENT

Education

2003, Ph.D., University of California at Berkeley Department of History
1992, M.A. University of California at Berkeley Department of History
1989, B.S. Georgetown University School of Foreign Service, *cum laude*

Professional Development

2018-19, Avanti Strategies Cutting Edge Leadership Development Group Coaching Program
2014, Participant, Higher Education Resource Services (HERS) Institute, Denver, Colorado
1992-93, Inter-University Program in Chinese Language, Taiwan University

FELLOWSHIPS

2019, Fudan University Center for Studies of Chinese Civilization, Shanghai (transportation and expenses for a six-week residency).
2018, University of Pittsburgh John C. Mascaro Center for Sustainable Innovation Faculty Lecturer in Sustainability ($5,000)
2016-17, UC Merced Center for the Humanities Water Seminar Fellow (one semester course buyout)
2011-12, American Council of Learned Societies Digital Innovation Fellowship, "The State of the River: Three Thousand Years of Imperial Engineering in North China" (full salary replacement and $25,000 project costs)
2010, University of California, Merced Chancellor's Fellowship ($5,000)
2007-8, University of California President's Research Fellowship in the Humanities (full salary replacement)
2006, Short Term Visiting Fellowship, University of Sydney School of Philosophical and Historical Inquiry ($10,000)
2004-5, Council on Library and Information Resources Post-Doctoral Fellowship in Library and Information Resources, University of Virginia [declined]

Predoctoral: Extramural

1998-9, Mabelle McCleod Lewis Dissertation Fellowship
1997-8, Fulbright-Hays Doctoral Dissertation Research Abroad Fellowship

1996-7, ACLS/Chiang Ching-kuo Foundation Dissertation Research Fellowship
1996-7, Mombusho Dissertation Fellowship (Japanese Department of Education) [declined]
1994, Andrew Mellon Foundation Pre-Dissertation Fellowship

Predoctoral: UC Berkeley (Selected)

1999-2000, Institute of International Studies Simpson Memorial Research Fellowship
1999, UC Berkeley History Department Research Grant
1999, UC Berkeley Humanities Research Grant
1995-6, UC Berkeley Graduate Division Fellowship
1992-3, Foreign Languages and Area Studies Fellowship
1990-2, UC Berkeley Institute for East Asian Studies Fellowship

PUBLICATIONS

Single Authored Books

2021, *Yu's Traces: The Ecological and Imperial Worlds of the Yellow River*, in production at Yale
    University Press.
2011, *Dividing the Realm in Order to Govern: The Spatial Organization of the Song State (960-1276
    CE)*, Harvard University Asia Center Monographs distributed by Harvard University
    Press. http://www.hup.harvard.edu/catalog.php?isbn=9780674056022.

Edited Volumes

2021 (projected), *Digital Methods for Environmental History*, Fudan University Press, with Han
    Zhaoqing
2017, *Open Rivers Journal* Volume 7, special issue based on Grasping Water workshop co-
    edited with Ann Waltner. http://editions.lib.umn.edu/openrivers.
2016, *Placing Names: Enriching and Integrating Gazetteers*, Indiana University Press (edited with
    Humphrey Southall and Merrick Lex Berman).
    http://www.iupress.indiana.edu/product_info.php?products_id=808056.

Digital Publications

2019-present, The World Historical Gazetteer. Infrastructure and content for the analysis
    and visualization of historical place names (with Karl Grossner) (whgazetteer.org)
2017, *Norton StoryMaps II* (New York: Norton). 10 authored and annotated historical maps
    on two world history topics, designed to accompany Norton's world history and
    western civilization textbooks and delivered on Norton's instructor DVDs and
    student course packs.

2015, *Voices from the Yamato Colony: A Pilot Project* (with Emily Lin and Mario Sifuentez), Omeka exhibit. Hosted by the UC Merced Library at http://sanjoaquin.omeka.ucmercedlibrary.info

2013, *Norton StoryMaps I* (New York: Norton). 50 authored and annotated historical maps on ten world history topics, designed to accompany Norton's world history and western civilization textbooks. Delivered on Norton's instructor DVDs and student course packs.

2010, *Teaching Silk Road History with Google Earth.* Website and YouTube video. Hosted by the UC Merced Center for Research on Teaching Excellence. http://crte.ucmerced.edu/teaching_silk_road_history.

2010, *The Digital Gazetteer of Song Dynasty China* (with Elijah Meeks), MySQL Database and GIS shapefiles, 2010. Hosted by the UC Merced Library at http://songgis.ucmercedlibrary.info.

Peer Reviewed Journal Articles

2019, Loess is More: The Spatial and Ecological History of Erosion on China's Northwest Frontier, *Journal of the Social and Economic History of the Orient* 62.4: 560-598. https://doi.org/10.1163/15685209-12341488

2017, Quantitative Historical Analyses Uncover a Single Dimension of Complexity that Structures Global Variation in Human Social Organization, *Proceedings of the National Academy of Sciences (PNAS)* 114.51 (December 21) (Peter Turchin et al., I am one of 59 contributing authors). DOI: 10.1073/pnas.1708800115

2017, Loess is More: Erosion on the Loess Plateau During the Northern Song (黄土的增加：北宋时期黄土高原的侵蚀, Zhifeng Shen, trans.) in "Guanyu zhongguo shuihuanjing shi yanjiude bitan" (A Conversation on the Study of Water in Environmental History), *Journal of Zhejiang University (Humanities and Social Sciences).* http://www.zjujournals.com/soc/CN/abstract/abstract11556.shtml

2016, Don't Just Build It, They Probably Won't Come: Rethinking Data Sharing and the Social Life of Data in the Historical Quantitative Social Sciences, *International Journal of Humanities and Arts Computing* 10.2, 205–224 (with Marieka Arksey).

2016, Sediment and State in Imperial China: The Yellow River Watershed as an Earth System and a World System, *Nature and Culture* 11.2, 121-147 [revised for publication in *Hydraulic Societies*, forthcoming from Ohio University Press, 2020]

2013, Traveling the Silk Road on a Virtual Globe: Pedagogy, Technology and Evaluation for Spatial History, *Digital Humanities Quarterly* 7.2 (with Elana Gainor).

2011, On Historical Gazetteers, *International Journal of Humanities and Arts Computing* 5.2, 127-145 (with Humphrey Southall and Merrick Lex Berman).

2010, Putting the World in World History, *Journal of the Association of History and Computing* 13.1. http://hdl.handle.net/2027/spo.3310410.0013.103.

2008, From Named Place to Naming Event: Creating Gazetteers for History, *International Journal of Geographic Information Science* 22.10, 1091-1108 (with Ian Johnson).

2008, Historical Gazetteers: An Experiential Perspective, With Examples from Chinese History, *Historical Methods* 41.1, 39-46.

2007, Geographic Search: Catalogs, Gazetteers, and Maps, *College and Research Libraries* 68.5 (with Michael Buckland, Aitao Chen, Frederic C. Gey, Ray R. Larson, and Vivien Petras), 376-387.

2003, Resources and New Strategies for Central Asian Studies: The Electronic Cultural Atlas Initiative Approach, *Central Eurasian Studies Review* 2.3, 2-7 (with Lewis Lancaster).

2003, Geographical Information and Historical Research: Current Progress and Future Directions, *History and Computing* 13.1, 7-23 (with Ian Gregory and Karen Kemp).

Book Chapters and Conference Proceedings

2020 (projected), Preface, *Water and the Humanities*, Kim De Wolff and Rina Faletti, eds., University of California Press.

2018, Mapping the Tracks of Yu: Yellow River Statecraft as Science and Technology, 1200-1600, Patrick Manning and Abigail Owen, ed., *Knowledge in Translation: World History of Science, 1200-1600 CE* (Pittsburgh: University of Pittsburgh Press).

2018, The Political Landscape of Imperial China: Mapping State Power Using Administrative Geography, in Donald DeBats, Ian Gregory and Don Lafreniere, eds., *The Routledge Handbook of Spatial History* (Routledge).

2016, Introduction, in Merrick Lex Berman, Ruth Mostern and Humphrey Southall, eds., *Placing Names: Enriching and Integrating Gazetteers* (Indiana University Press) (with Merrick Lex Berman and Humphrey Southall), 1-11.

2016, Gazetteers Past, in Merrick Lex Berman, Ruth Mostern and Humphrey Southall, eds., *Placing Names: Enriching and Integrating Gazetteers* (Indiana University Press) (with Humphrey Southall), 15-27.

2014, The Politics of Territory in Song Dynasty China, in Ian Gregory and Alistair Geddes, ed., *Rethinking Space and Place: New Directions with Historical GIS* (Bloomington: Indiana University Press), 118-142. (with Elijah Meeks).

2013, China's Age of Seafaring, in Naomi Standen, ed., *Demystifying China: New Understandings of Chinese History* (Lanham, MD: Rowman and Littlefield), 109-116.

2011, 'The Usurper's Empty Names': Spatial Organization and State Power in the Tang-Song Transition, Peter Lorge, ed., *The Five Dynasties and Ten Kingdoms* (Hong Kong: Chinese University Press), 125-166.

2008, The Qinling Frontier and the Creation of Imperial Space in Western China, Feng Suiping, Li Rui, Brian Lees & David Jupp, eds. *The Collected Papers of the International Symposium of Plank Roads and Applications of 3S Technology*", (Xi'an: Shaanxi Jiaoyu chubanshe), 78-102.

2008, From Battlefields to Counties: War, Border and State Power in Southern Song Huainan, Don Wyatt, ed. *Battlefronts Real and Imagined: War, Border and Identity in the Chinese Middle Period* (New York: Palgrave MacMillan), 227-252.

2004, Cartography on the Song Frontier: Making and Using Maps in the Song-Xia Conflict, Evidence from *Changbian* and *Song huiyao*, *Proceedings of the Third International Symposium on Ancient Chinese Books and Records of Science and Technology* (Beijing: Daxiang chubanshe), 147-152.

2001, Spatial Vagueness and Uncertainty in the Computational Humanities, *Proceedings of the First COSIT Workshop on Spatial Vagueness, Uncertainty and Granularity, Ogunquit, ME*, CD (with Karen Kemp). http://www.comp.leeds.ac.uk/qsr/vug/SVUG-01/position/kemp_mostern_final.pdf.

Reports, Reviews, and Encyclopedia Entries

2020 (in press), "Rejoinder to 'Commodity Frontiers and the Transformation of the Global Countryside: A Research Agenda,'" *Journal of Global History*.

2019, "Historical Gazetteers" (video lecture), *The Digital Humanities Literacy Guidebook* (Carnegie Mellon University) [https://cmu-lib.github.io/dhlg/], September.

2019, Review of Catherine Holmes and Naomi Standen, eds., *The Global Middle Ages: Past and Present Supplement 13* (Oxford University Press, 2018), *Journal of Late Antiquity* 3.4, September.

2019, Review of Patricia Buckley Ebrey and Paul Jakov Smith eds., *State Power in China 900-1325*, *American Historical Review*, February.

2017, Research Report: The World-Historical Gazetteer, *Journal of World-Historical Information* 3-4.1, DOI: 10.5195/jwhi.2017.43.

2017, Review of Ling Zhang, *The River, the Plain, and the State: An Environmental Drama in Northern Song China, 1048-1128*, *Agricultural History*, 91.3, DOI: 10.3098/ah.2017.091.3.428.

2016, Blog Post: Don't Just Build It, They Probably Won't Come, Edinburgh University Press Blog (September 27), https://euppublishingblog.com/2016/09/27/dont-just-build-it/.

2016, Review of David Pietz, *The Yellow River: The Problem of Water in Modern China*, *American Historical Review* 121.3, 921-922.

2015, Review of Joseph R. Dennis, *Writing, Publishing and Reading Local Gazetteers in Imperial China, 1100-1700*, *Journal of Song-Yuan Studies* Volume 45, 392-396.

2015, Research Report: The Data Hoover Project, *Journal of World-Historical Information* 2-3 (with Marieka Arksey).

2015, Feasts and Phoenixes: Teaching China and Iran, *AHA Perspectives*, 53.8 (November), 30-31 (with Sholeh Quinn).

2014, Review of Valerie Hansen, *The Silk Road: A New History*, *The Historian* 76.4 (Winter), 844-845.

2013, Collaborative for Historical Information and Analysis: Vision and Work Plan, *Journal of World Historical Information* 1.1 (Spring) (with Vladimir Zadorozhny, Patrick Manning and Daniel Bain).

2009, Review of John Herman, *Amid the Clouds and Mist: China's Colonization of Guizhou, 1200-1700*, *Journal of Song-Yuan Studies* 39, 246-251.

2009, The Digital Gazetteer of Song Dynasty China, Version 1.0, *Journal of Song-Yuan Studies* 39, 277-278.

2009, The Dujiangyan Irrigation System (653-655) and Water Conservancy in Imperial China (2419-2425), *Berkshire Encyclopedia of China.*

2008, Review of Naomi Standen, *Unbounded Loyalty: Frontier Crossings in Liao China*, *Journal of Asian Studies* 67.1 (Winter), 286.

2005, The Electronic Cultural Atlas Initiative, *Historical Geography*, 152-154.

2004, The Electronic Cultural Atlas Initiative at the Enter the Past Conference, Vienna, April 2003, *Proceedings of the Enter the Past Conference*, 569-571 (with Paul Ell).

2003, The Virtual Silk Road Atlas: Exploring Culture in Time and Place, *The Silk Road Project: Arts and Humanities Events at UC Berkeley* (Berkeley: Cal Performances), 69-73.

RESEARCH FUNDING

Investigator: Extramural

2019-2020, Information Ecosystems: Creating Data (and Absence) from the Quantitative to the Digital Age, Mellon Foundation Sawyer Seminar (I am one of nine committee members)

2018-2020, Water in Central Asia: Tributaries of Change, National Endowment for the Humanities, Humanities Connections Implementation, Co-PI.

2017-2020, World-Historical Gazetteer (Award Number PW-253719), National Endowment for the Humanities, Humanities Collections and Reference Resources Program, $315,000.

2015-16, Grasping Water: Rivers and Human Systems in China, Africa and North America, First Summer Institute in Chinese Studies and Global Humanities, Chiang Ching-kuo Foundation and Consortium of Humanities Centers and Institutes, Co-Organizer (with Ann Waltner), $50,000.

2014-15, World Historical Gazetteer, National Endowment for the Humanities Digital Humanities Level I Start-Up Grant, Co-Project Director (Patrick Manning, University of Pittsburgh, Principal Investigator), $28,350.

2013-2015, Collaborative Research: Center for Historical Information and Analysis, National Science Foundation (Award Number BCS-1244282), $110,381, Principal Investigator (The total grant for this project is $601,652, shared among Principal Investigators Gary King (Harvard University), John Gerring (Boston University), Patrick Manning (University of Pittsburgh) and Siddarth Chandra (Michigan State University)).

2010, The Silk Road: Active Learning and Evaluation in Digital History, Sub-award from
the UC Merced Center for Teaching and Research Excellence Guidebook Project,
Funded by the Fund for the Improvement of Post-Secondary Education (FIPSE),
$10,000, Principal Investigator.

2007, *Alphabetical List of Geographical Names in Song China* digital edition, Society for Song-
Yuan Studies, $2,000, Principal Investigator.

2007-11, Rethinking Timelines: A New Methodology for Describing and Communicating
History, Australia Research Council, $300,000. Co-Principal Investigator (Ian
Johnson, University of Sydney, PI).

2006-8, Bringing Lives to Light: Biography in Context, Institute of Museum and Library
Services, $300,000. Co-Investigator (Ray Larson, UC Berkeley, PI) .

2006, Interactive Timeline Builder for Historical Study, Hewlett Foundation, $30,000,
Principal Investigator.

2005, Migration, Diaspora, and Movement through Space: Methodologies for Spatial Studies
in the Humanities and Related Fields Seminar Series, UC Humanities Research
Institute, $5,000, Principal Investigator.

Investigator: University of Pittsburgh

2019-20, Mapping the Epoch of Loss, Provost's Office Year of Creativity Funding, $ (with
Michael Goodhart), $3,827.

Investigator: UC Merced

2016-7, Water and the Humanities Working Group Grant, and Water: The Common Thread
is History Conference Development Grant, $7,000 total, Center for the Humanities.

2013, Yellow River Historical Map Digitization, $2,000, Center for the Humanities.

2011, The State of the River: Conference and Research Trip to China, Graduate and
Research Council, $4,959 and Center for Research on Humanities and Arts, $2,000.

2010, Modeling the Environmental History of the Yellow River: Three Millennia of Disaster,
Settlement, and Policy, Graduate and Research Council, $3,000.

2009, GPS Equipment for Spatial Analysis and Data Processing in World Heritage, Graduate
and Research Council, $9,000, Co-Principal Investigator (with Maurizio Forte).

2009, Visualizing *Dividing the Realm*: Illustrating a Spatial History Monograph with Maps,
Center for Research in the Humanities and Arts, $2,500.

2008, The Market Geography of Song Dynasty China (960-1276 CE), Graduate and
Research Council, $3,000.

2007, The Qinling Frontier and the Construction of Imperial Identity in Western China,
Travel Grant, University of California, Merced Graduate and Research Council,
$2,095.

2007, Mapping Medieval China, University of California, Merced Humanities Fund Grant,
$2,000.

2006, Animating the Tang-Song Transition: Mapping China, 618-1276 CE, University of
California, Merced Graduate and Research Council, $2,500. Principal Investigator.

REVIEWING AND CONSULTING

Grant and Fellowship Review: Extramural

2016-2018, American Council of Learned Societies Digital Extension Grant Review
Committee
2014, 2011 and 2007, National Endowment for the Humanities (NEH) Digital Humanities
Fellowship Review Panel Member
2011, Agence Nationale de la Recherche (France) referee
2010, National Science Foundation Geography and Spatial Sciences referee
2009, National Endowment for the Humanities (NEH) Fellowships at Digital Humanities
Centers, Review Panel Member
2005-2011, Pacific Rim Research Program Grant Competition, Reviewer and Board Member

Conference and Publication Review

2020, Yale University Press, *Arcadia: Explorations in Environmental History*, Seshat Global
History Databank, Cambridge University Press, *Late Imperial China*
2019, *PLOS ONE*, Yale University Press, *Nature and Culture*
2018, *Digital Humanities Quarterly*, University of Toronto Press, Beyond Citation, *Journal of
World-Systems Research*, *Late Imperial China*, Routledge Global Early Modern History
series, *PLOS ONE*
2017, Pearson, *Journal of Song-Yuan Studies*, *Computers, Environment and Urban Systems*, *Journal of
Asian Studies*, Spatial Humanities meets Spatial Information Theory (SPHINx)
Workshop, Oxford University Press, *Environmental History*, *Journal of Chinese History*
2016, *Nature + Culture*, Stanford University Press, Wiley Blackwell, Cambridge University
Press, *Journal of Asian Studies* (x2), *Computers, Environment and Urban Systems*
2015, Wiley Blackwell, *Journal of Interdisciplinary History*, *Harvard Journal of Asiatic Studies*
2014, Oxford University Press, *Literary and Linguistic Computing*, *International Journal of
Humanities and Arts Computing*, *Digital Humanities Quarterly*, *Historical Methods*, *Harvard
Journal of Asiatic Studies*
2013, Oxford University Press, Harvard University Press
2012, Digital Humanities Conference, *International Journal of Geographic Information Science*,
Journal of Historical Geography, *Journal of World Systems Research*
2011, *Transactions in GIS*, Digital Humanities Conference
2005-2011, *International Journal of Geographic Information Science*, *Digital Humanities Quarterly*,
Structure and Dynamics: eJournal of Anthropological and Related Sciences, *International Journal
of Applied Geospatial Research*, *Transactions of the Institute of British Geographers*, *Applied*

Geography, Routledge Press, MIT Press, *Journal of Song-Yuan Studies,* Computer Applications in Archaeology (CAA) Conference and Proceedings

Promotion and Tenure Review

2018, UC Santa Cruz, Bucknell University
2015, Missouri State University, Mills College

Consulting and Contract Work

2016-17, Norton Digital Media, Paid Author for development of "Norton StoryMaps 2.0"
2013, Cengage, Paid Consultant, History Technology Advisory Board
2013, Norton Digital Media, Paid Author for development of "Norton StoryMaps for European and World History"
2011, *National Geographic Magazine*, Paid Consultant for Grand Canal map and timeline design.
2011, Pearson Education Inc., Paid Consultant for historical digital mapping initiative
2006, Forté Communications, rand Canal Television Documentary, Consultant

BOARD AND COMMITTEE MEMBERSHIPS

2020, Spatial Humanities Conference Review Board
2020-2013, *Journal of World History* Editorial Board member
2018-present, World History Association Dissertation Prize Committee Member
2018-2021, Holocaust Ghettos Historical GIS Advisory Board Member
2018-2021, Planet Texas 2050 Advisory Board Member
2018-2020, Pelagios Commons Committee
2017-2024, *Journal of Song-Yuan Studies* Editorial Board Member
2017, Workshop of Humanities in the Semantic Web (WHiSe) II, Program Committee Member
2017-present, Seshat Expert Contributor
2016-17, Pelagios Commons Steering Committee and East Asian Special Interest Group Director
2016-present, Arc Medieval Press: An Imprint of Amsterdam University Press and Medieval Institute Publications, Editorial Board Member
2015-present, Society of Song-Yuan Studies Steering Committee
2014-2017, UC Humanities Network, UC Merced Representative
2011-present, *Journal of World-Historical Information*, co-editor [continues as *Journal of World Systems Research* World Historical Information Section]
2011-2014, Collaborative on World-Historical Information and Analysis, Executive Committee Member

2010-2017, University of California Education Abroad Program, Faculty Advisory
Committee on China, Taiwan and Hong Kong, Committee Member
2009-2014, America on the World Stage, US Department of Education Teaching American
History Program, University of Virginia, Advisory Board Member
2009-2011, World Historical Dataverse, University of Pittsburgh, Advisory Board Member
(continues as Collaborative on World-Historical Information and Analysis)
2007-8, University of California Steering Committee for the "10+10" systemwide China
initiative
2006-present, *International Journal of Humanities and Arts Computing*, Editorial Board Member
2006-2008, Pleiades: An Online Workspace for Ancient Geography, Steering Committee
Member
2005-2006, UC Humanities Research Institute Humanities, Arts and Social Sciences (HASS)
Technology Council
2003-2004, Co-Chair, Historical Geography Network, Social Science History Association
2002-2004, Social Science History Association, Historical Geography Network, Co-Chair
2001-2005, Electronic Cultural Atlas Initiative executive committee member

CONFERENCE ORGANIZING

Conferences

2020, Mapping the Epoch of Loss, Pitt Year of Creativity Workshop Series
2019, World Historical Gazetteer Advisory Committee Meeting, July 20-22
2019, Digital Methods for Environmental History, Fudan University, June.
2019, A Sense of Place in an Epoch of Loss, Cultural Studies Symposium, University of
Pittsburgh, April.
2017, World-Historical Gazetteer Advisory Committee Meeting, September 7-9.
2016, Co-Organizer, Water: The Bridge is History, Merced and Yosemite, October 13-16.
2016, Co-Organizer, Grasping Water: Rivers and Human Systems in China, Africa and
North America, University of Minnesota, June 13-17.
2014, Co-Organizer, World Historical Gazetteer Planning Workshop, University of
Pittsburgh, September 4-5.
2009, Organizer, Visualizing the Past: From Database to Map to Virtual World. Workshop,
University of California, Merced, March.
2001-2004, Organizing Committee, Electronic Cultural Atlas Initiative Bi-Annual
Conferences: Hong Kong, 2001; Sydney, Australia, 2001; Guadalajara, Mexico, 2001;
Seoul, Korea, 2002; Osaka, Japan, 2002; Vienna, Austria, 2003; Bangkok, Thailand,
2003; Taipei, Taiwan, 2004
2000-2004, Organizer, Digital Gazetteer Development Working Group Meetings, Electronic
Cultural Atlas Initiative: London, UK, June 2000; Hong Kong, January 2001;
Sydney, Australia, June 2001; Taipei, Taiwan, August 2001; Guadalajara, Mexico,

December 2001; Berkeley, CA, May 2002; Seoul, Korea, May 2002; Taipei, Taiwan, May 2002; Shimane, Japan, September 2002; Berkeley, California, May 2004

1998, Co-Organizer, Religion, Culture and Society in Medieval China: Conference in Honor of David Johnson's Sixtieth Birthday, UC Berkeley Center for Chinese Studies, August

1995, Co-Organizer, Third Annual Conference for Chinese History Graduate Students in California, UC Berkeley Center for Chinese Studies, March

Conference Sessions

2017, Organizer and Chair, Social and Spatial Networks in Asia, 1100-1800: Computational Analysis Approaches, American Historical Association, January 5.

2010, Organizer, The Spatial Turn in East Asian Studies: The Legacy of G. William Skinner, two roundtable panels sponsored by the China and Inner Asia Council, Association of Asian Studies, Philadelphia, March.

2009, Organizer, Ditch-Diggers, Steel-Drivers and the CIA: Border Crossing Perspectives on Asian Environmental History, Association of Asian Studies, Chicago, March.

2009, Co-Organizer, Finding the White Mice: There's More to Spatio-Temporal GIS than What, Where and When. Two paper sessions and moderate discussion. Computer Applications in Archaeology, Williamsburg, CA, March (with Ian Johnson).

2007, Organizer and Chair, Roundtable Panel: Modeling and Visualizing Historical Narrative, Digital Humanities 2007, University of Illinois Champaign-Urbana, June.

2001, Organizing Committee, International Workshop on Historical GIS, Fudan University Institute of Historical Geography, August

1998, Panel Organizer, Space, Place and Landscape in Song China, Association of Asian Studies, Washington, DC, March

TALKS AND PANELS

Keynote Talks

2017, Worlds Full of Places: Toward a Global Ecology of Historical Gazetteers, Pacific Neighborhood Consortium, Tainan, Taiwan, November 8. (https://www.youtube.com/watch?v=BMJFq83dt7o&feature=youtu.be)

2017, Naming the World: Toward a Digital Historical Gazetteer for Asia and the Globe, Council of East Asian Librarians Annual Meeting, Toronto, March 15. http://www.eastasianlib.org/CEAL/AnnualMeeting/plenary/Presentations/2017/Ruth%20Mostern.pdf

2008, Presidential Plenary Address, at California Geographical Society Annual Meeting, California State University, Chico, May 2-4.

2020, National Humanities Alliance Curricular Innovation Roundtable, Washington, DC, March 9.

2020, Dividing the Realm in Order to Govern: The Dili Yan'ge Tradition in Tang and Song China, University of Edinburgh Paixue Research Meeting, February 14.

2020, Yu's Traces: Ecology and Empire on the Yellow River, University of Birmingham, February 12.

2020, Yu's Traces: Three Thousand Years of Chinese Environmental History, Penn State Greater Allegheny, February 6.

2020, Ecology and Empire on the Yellow River, Eisenberg Institute of Historical Studies, University of Michigan, January 30.

2019, The Peaceful Flow Era of Yellow River History and its Medieval Conclusion: New Approaches to an Old Question, Zhejiang University December 5 and Henan University December 8.

2019, Long Term Trends in Yellow River History Revealed Through Spatial and Environmental Data, Zhejiang University, June 3, East China Normal University, June 4.

2019, The Natural and Unnatural History of the Yellow River, Fudan University Center for Historical Geography, may 30.

2018, The Natural and Unnatural History of the Yellow River, Harvard University Fairbank Center, December 3 (also delivered at Fudan University, Zhejiang University and East China Normal University in May 2019).

2018, Spatial History in the Classroom, University of Pennsylvania Price Lab Seminar Series, October 29.

2018, Following the Tracks of Yu: The Ecological and Imperial Worlds of the Yellow River 沿着大禹的轨迹 - 帝制治理下黄河的生态世界, East China Normal University June 13 and Zhejiang University June 11.

2018, Levees and Levies: Mapping the Yellow River in the *Longue Durée*, Princeton University East Asian Studies Program Lecture Series, May 2.

2017, Worlds Full of Places: Toward an Ecology of Historical Gazetteers, Atelier Campus Condorcet, December 7 (by video conference) [also presented at Pitt-CMU Digital Humanities Seminar, October 26].

2017, The Tracks of Yu: Holocene Era People and Rivers in China and the World, Vanderbilt History Seminar, December 4.

2017, Levees and Levies: Approaching Yellow River History with Spatial and Historical Datasets, University of Pennsylvania Department of History, March 21.

2017, Loess is More: A Spatial and Ecological History of Erosion on China's Northwest Frontier, UC Santa Cruz Department of History, February 23.

2016, Engineering Empire: The Theory and Practice of Yellow River Flood Management in Late Imperial China, UC Merced Seminar in the Humanities, August 26.

2016, From Historical GIS Research to a Digital Cultural Atlas Ecology, University of Pittsburgh Department of History, March 3.

2016, Traveling the Silk Road on a Virtual Globe, Merced-Mariposa American Association of University Women, Mariposa, CA, February 16.

2015, Land Use Change, Erosion, and Air and Water Quality in North China: A Two Thousand Year Perspective, UC Merced Air Pollution Seminar, October 12.

2015, What Does Long Term Ecosystem Engineering Look Like? UC Merced Science Café, September 21.

2015, Following the Tracks of Yu: The Eleventh Century Origin of the Yellow River Disaster Regime, UC Merced Seminar in the Humanities, September 17.

2015, The Yellow River as an Earth System and a World System in Medieval and Early Modern Asia, University of Pittsburgh History Department Colloquium, March 20.

2013, Big History and Big Data: Affordances of the Large Scale in Digital Environmental and World History, American Studies Seminar, UC Davis, November 19.

2013, Big Data and Spatial Analysis for Big History, UC Berkeley D-Lab, March 5.

2012, An Information System for Large Scale Spatial History: Three Thousand Years of Settlement, Sediment and State on China's Yellow River, Stanford University Center for Spatial and Textual Analysis, August 16.

2012, 历史地理信息系统研究: 以黄河流域为例 *Lishi dili xinxi xitong yanjiu: Yi Huanghe liuyu wei li* [Research in Historical GIS: The Example of the Yellow River], Chinese Academy of Sciences, Institute of Geography and Natural Resources, Beijing, China, April 27.

2012, 黄河大历史: 三千年来中华帝国的环境与水利 *Huanghe da lishi: sanqiannianlai Zhonghua diguo de huanjing yu shuili* [The Big History of the Yellow River: Environment and Water Conservancy in the Chinese Empire during the Past Three Thousand Years], Fudan University Historical Geography Institute, Shanghai, China, April 17.

2012, The History of the Yellow River: Empire, Engineering and Environment, 453 BCE - 1855 CE, Washington University, St. Louis, Anthropology Colloquium, February 8, and Stanford University Spatial History Lab Tech Talk Series, March 1.

2011, 美国的中国历史研究：近十年走势 *Meiguo de zhongguo lishi yanjiu: jinshinian zoushi* [American Research in Chinese History: Trends in Recent Decades], Zhengzhou University, Zhengzhou, Henan, China, July 12.

2011, Spatial Literacy in the History Classroom: Teaching the Silk Road with Google Earth, ThinkSpatial Lecture Series, University of California Santa Barbara Department of Geography, February 24.

2010, Teaching Silk Road History with Google Earth, Google Corporation, Mountain View, CA, June 17, and Stanford University GIS Special Interest Group, June 18.

2010, Engineering Empire: The Two Thousand Year History of Dujiangyan, the World's Oldest Working Dam, So-Koo Lecture Series, Michigan State University, February 17.

2008, Following the Tracks of Yu: Doing Political History with Historical GIS, Chinese
        History 200, Spatial and Prosopographical Analysis of China's History, Harvard
        University, April 21.

2007, From Geographical Information Systems to Historical Information Systems:
        Modeling the Past in the Digital Age, University of California Capital Planning
        Annual Meeting, November 2, and GIS Day, California State University Stanislaus,
        November 14.

2007, Visualizing History: An Event Based Approach to Modeling Time and Space for the
        Humanities, Human-Computer Interaction Lab, University of Maryland, College
        Park, July 19.

2007, Humanities GIS: Approaches and Exemplars, Stanford University Humanities Center,
        April 18.

2006, Visualizing Historical Events through Interactive Timelines, Graphical Reasoning and
        Educational Visualization Seminar, University of Sydney, August, and UC Berkeley
        School of Information Seminar Series, September.

2006, The Chinese Cartographic Tradition, Department of Chinese, University of New
        South Wales, August.

2006, Territory and State Power in Early Modern China, University of Melbourne.
        Department of History, August 2006 and University of California, Davis, November

2005, Iraq to China: Traveling the Silk Road with Historical GIS, Ohio State University
        Humanities Institute, April.

2004, A Digital Journey Along the Silk Road: GIS, New Media and the World Cultures
        Curriculum, Merced, CA, March.

Invited Workshops and Meetings

2020, Discussant for Geraldine Heng, *The Invention of Race in the European Middle Ages*,
        Medieval and Renaissance Program, University of Pittsburgh, February 7.

2019, The Peaceful Flow Era of Yellow River History and its Medieval Conclusion: New
        Approaches to an Old Question, Chinese Environmental History Workshop,
        Zhejiang University, December 14.

2019, Imagined Ecologies: Maps and Natural Histories in Late Imperial China, Sun Yat-sen
        University, Guangzhou, May 17-19.

2019, Grand Canal Document Reading Group, Princeton University, January 11-12.

2018, Spatializing the Yellow River: Physiographic Macroregions and Beyond, China in Time
        and Space: G. William Skinner's Ideas Going Forward, Hong Kong University of
        Science and Technology, June 20-22.

2018, Toward a World Historical Gazetteer, DHAsia, Stanford University, April 27.

2016, Loess is More: Mapping Erosion on the Loess Plateau During the Northern Song,
        Water Resources Workshop at the Resourceful Things Symposium, Harvard-
        Yenching Institute, Harvard University, April 20.

2016, Loess is More: Arid Asia and the Yellow River Disaster Regime, China Colloquium Series, Council on East Asian Studies at Yale University, March 7. Also presented at Empires of Water: Water Management and Politics in the Arid Regions of China, Central Eurasia and the Middle East, Lingnan University (Hong Kong), May, and at Water, Culture and Society in Global Historical Perspective: Water, Power and Control in Greater Eurasian History, The Ohio State University, May.

2015, An Ecosystem of Places: Gazetteers, Linked Pasts Colloquium, King's College London, July 20.

2015, Loess is More: Mapping Environmental Degradation in Imperial China, Symposium on Virtual Reality and Visualization for Interdisciplinary Research, UC Merced, April 9.

2015, Discussant, Dodging Extinction, Merced Theatre, April 14.

2015, Loess is More: The Eleventh Century Origins of the Yellow River Disaster Regime, Environment in Asia Workshop, "Water and Land: Changing Landscapes in China," Harvard University, March 23-24.

2014, The Yellow River and the Northern Frontier: Spatial Analysis and Big Data for Environmental History, Workshop on Historical Big Data and a Scholarship of Discovery, Hong Kong University of Science and Technology, Jun 9.

2014, Reading the *Song-Yuan Difangzhi Congshu* 宋元地方志叢書 at a Distance: The Affordances of the Large Scale, Luce/ACLS Collaborative Reading Workshop, "Reading, Information and Quantification in Traditional China," UCLA, May 30,.

2014, Big History and Big Data: The Rise of the Large Scale and the Future of the Humanities, Nebraska Forum on Digital Humanities, April 10.

2013, Student Authored Digital Atlases and Digital Humanities Genres, University of Pennsylvania Digital Humanities Forum, March 29.

2013, The "Silk" "Road": Another Transportation Network and Some Thoughts about Pedagogy, Stanford University ORBIS Workshop, February 16.

2011, What Belongs in a Gazetteer? Association of American Geographies Temporal Gazetteer Workshop, Seattle, April 13.

2011, Modeling Place: Names, Events, Texts, and the Future of the Digital Gazetteer, Mapping Place: GIS and the Spatial Humanities, University of California Santa Barbara Humanities Center, February 25-26.

2011, Text and Gazetteers, Dataverse Workshop, University of Pittsburgh, February 23.

2009, Mapping the Past: New Insights from Spatial History, with Examples from China and the Silk Road, Dataverse Design Seminar, University of Pittsburgh, April 9.

2009, Rethinking Timelines: Modeling Historical Narrative in Time and Space, New Directions in Digital Humanities Scholarship, sponsored by the Council on Library and Information Resources, University of Illinois, Urbana-Champaign, February 26.

2008, Eventful History, HumaniTech Workshop, Event Webs: Constructs, Connections, Causalities, University of California, Irvine, May 9.

2007, The Qinling Frontier and the Construction of Empire in China: Three Examples from Early and Middle Period History, International Symposium on Historical

Research on Plank Roads and Applications of 3S Technology, Hanzhong, Shaanxi, China, May 16-18.

2006, Modeling Historical Phenomena in Space, NCSA/CHASS Workshop on Spatial Thinking in the Social Sciences and Humanities, University of Illinois Urbana-Champaign, December 18-19.

2006, Gazetteer Interoperability, Digital Gazetteer Research and Practice Workshop, National Center for Geographic Information and Analysis, University of California, Santa Barbara, December 7-9.

Conference Presentations

2018, Is the History of the Yellow River a Climate History? Social Science History Association, Phoenix, November 10.

2018, Following the Tracks of Yu: The Yellow River as a World Historical Landscape, World Economic History Conference, Boston, July 31.

2018, La Ville Lumière, the Prince of Troy, and a Settlement in Kiribati: Designing and Using Historical Gazetteers, Society for French Historical Studies Annual Meeting, March 10.

2018, What's in a River? Teaching River Studies in Eurasian and Global Context: Roundtable Discussion, Modern Rivers of Eurasia: Potential, Control, Change, University of Pittsburgh, February 23.

2018, Chair, Primary Sources and the Historical Profession in the Age of Text Search, Part I: Historical Research and Analysis in the Digital Age, American Historical Association, January 5.

2016, Spatial Humanities: Past, Present and Future (roundtable participant), Social Science History Association, Chicago, November 18.

2016, Placing Names and Tracing Paths: Toward a Digital Ecosystem of Silk Road Travel (丝绸之路的历史地名数据库), International Conference of the Silk Roads in Ancient Maps, Fudan University, August 16.

2016, Loess is More: War, Erosion and Development in the Yellow River Watershed, circa 700-1300 CE, Association of American Geographers, San Francisco, March.

2016, Are We Still Reinventing the Wheel? Toward Successful Data Repository Design for Social Science History, Social Science History Association, Baltimore, November (with Marieka Arksey).

2015, Mapping the Tracks of Yu: Yellow River Statecraft as Science and Technology, 1200-1600, Found in Translation: World History of Science 1200-1600, University of Pittsburgh, October 11.

2015, Loess is More: The Eleventh Century Origins of the Yellow River Disaster Regime, Association of Asian Studies, Chicago, March.

2013, The Yellow River and the Northern Frontier: A Middle Period Environmental History, East Asian Environmental History, Hualian, Taiwan, October.

2013, The Yellow River in Big Historical Perspective: A New Assessment of Disaster Data, Disasters Wet and Dry: Rivers, Floods and Droughts in World History, Beijing, May.

2013, The Yellow River and the Northern Frontier: A Middle Period Environmental History, Association of Asian Studies, San Diego, CA, March 23.

2012, The Collaborative for Historical Information and Analysis: Collaborative Research Ecology for World History, Pacific Neighborhood Consortium, Berkeley, CA, December 8.

2012, Empire and Engineering in North China: A Digital Atlas of Environmental History, Pacific Neighborhood Consortium, Berkeley, CA, December 7.

2012, Describing and Evaluating Scholarly Historical Datasets, World History Association, Albuquerque, NM, June 30.

2012, Environmental and Imperial Geography Along the Yellow River, Association of Asian Studies, Toronto, Canada, March 17.

2011, Discussant: Geographical Frameworks for World History, Social Science History Association, Boston, MA, November 17.

2011, The State of the River: Engineering and Empire Along the Yellow River Watershed, World History Association, Beijing, July.

2011, Roundtable Participant: Modeling Event Based Historical Narratives, Digital Humanities, Stanford University, June.

2010, Integrating Gazetteer Data and Historical Event Models, Association of American Geographers, Washington, DC, April.

2009, Roundtable Participant: Modeling Agency and Action in Historical GIS, Social Science History Association, Long Beach, CA, November.

2009, The Spatial Organization of State Power in Imperial China, Pacific Neighborhood Consortium, Academia Sinica, Taiwan, October.

2009, Engineering Empire: The Dujiangyan Waterworks and the Persistence of Water Management in West China, Association of Asian Studies, Chicago, IL, March.

2009, Roundtable Participant: The "California Method"?: The University of California's Model of World Historical Research and Pedagogy—Past, Present and Future, American Historical Association, New York, NY, January,

2008, The Politics of Territory in Song Dynasty China, Historical GIS 2008, University of Essex, UK, August.

2008, In the Tracks of Yu: Doing Political History with Historical GIS. Association of American Geographers, Boston, MA, April.

2008, Following the Tracks of Yu: Discourses of Imperial Territory in Song China, Empire and Culture Conference, California State University, Stanislaus, March.

2007, A Song Dynasty Historical Gazetteer: Data Modeling for Spatial History Research, Pacific Neighborhood Consortium and Electronic Cultural Atlas Initiative, Berkeley, CA, October 18-20 (with Elijah Meeks).

2007, From Named Place to Naming Event: Toward a New Methodology for Cultural Atlas Development, Pacific Neighborhood Consortium and Electronic Cultural Atlas Initiative, Berkeley, CA, October 18-20.

2007, Territory and State Power: Theories and Models, Geography and the Humanities Symposium, Charlottesville, Virginia, June 22-24.

2007, A Spatially Informed Introduction to World History Course, American Historical Association Annual Meeting, Atlanta, Georgia, January 4-7.

2006, Digital Gazetteers and Temporal Directories for Digital Atlases. Association of Digital Humanities Organizations, Paris, France, July.

2006, What is a Cultural Atlas? Computer Applications in Archaeology, Fargo, ND, April.

2006, Dividing the Realm in Order to Govern: Political Geography and State Power in the Tang-Song Transition, Association of Asian Studies, San Francisco, CA, April.

2006, Roundtable Participant, GIS and History: Aggregating Data, Connecting Places, and Analyzing Processes, American Historical Association, Philadelphia, PA, January.

2005, Designing Gazetteers for Frequently Changing Places: Examples from Chinese History, Social Science History Association, Portland, OR, October.

2005, Summit Meeting Participant, Summit on Digital Tools for the Humanities, University of Virginia, September.

2005, Designing Gazetteers for Frequently Changing Places: Examples from Chinese History, Cultural Atlas Congress, Fudan University, Shanghai, China, May.

2005, Data Development, Historical Gazetteers, and the Religious Atlas of China and the Himalayas: The *Foguang Encyclopedia* and other Sources, Association of American Geographers, Denver, CO, April.

2004, The Religious Atlas of China and the Himalayas: Content, Architecture and Data Management, Social Science History Association, Chicago, IL, November.

2004, The Religious Atlas of China and the Himalayas: Digital Gazetteer Design for Cultural Atlas Development, Pacific Neighborhood Consortium, Taipei, Taiwan, October.

2004, Collaborative, Gazetteer-Based Approaches to the Religious Atlas of China and the Himalayas Project, Berkeley, CA, May (with Susan Stone)

2004, Japan's Cultural Heritage On-line: A Japanese Historical Map Library at UC Berkeley: Association of Asian Studies, San Diego, CA, March

2003, Content, Research and Publishing in ECAI: New Models for Digital Scholarship and Heritage Preservation, Computer Applications in Archaeology, Vienna, Austria, April.

2003, Cartography on the Song Frontier: Making and Using Maps in the Song-Xia Conflict, Evidence from *Changbian* and *Song huiyao*, Third International Symposium on Ancient Chinese Books and Records of Science and Technology, Tuebingen, Germany, March.

2002, ECAI/TimeMap Metadata: There's More to Metadata than Finding Things, Social Science History Association, St. Louis, MO, November (with Ian Johnson)

2002, Panel Chair, Metadata for Time and Space: Geography and the Data Documentation Initiative, Social Science History Association, St. Louis, MO, November.

2002, Scholarly and Technical Standards for Map Based Digital Works, Pacific
	Neighborhood Consortium, Osaka, Japan, September (with Jeanette Zerneke)
2002, Digital Gazetteer Standards for History and Culture, Workshop: Digital Gazetteers:
	Integration into Distributed Digital Library Services, at Joint Conference on Digital
	Libraries, Portland, OR, July (and Pacific Neighborhood Consortium, Osaka, Japan,
	September)
2002, The ECAI Silk Road Atlas, Global Networking of Digital Cultural Heritage, Seoul,
	Korea, May (also Pacific Neighborhood Consortium Joint Meeting, Osaka, Japan,
	September)
2002, 'Provisionally Abolish the Counties': Geography, War and State Power in Twelfth
	Century Huainan, American Historical Association, San Francisco, CA, January.
2001, Who Has Data, Who Has Texts? Methodological Implications for Historical GIS,
	Social Science History Association, Chicago, IL, November.
2001, Digital Gazetteer Development, International Workshop on Historical GIS, Shanghai,
	China, August.
2001, The Electronic Cultural Atlas Initiative, World History Association, Salt Lake City,
	UT, June.
2000, The Sasanian Empire in GIS: An ECAI Exemplar Project, Electronic Cultural Atlas
	Initiative, London, June 2000 (with Jeanette Zerneke)
2000, Workshop Participant, Mapping Europe's Historical Boundaries and Borders,
	Florence, Italy, June.
2000, Mapping as Practice: Representations of Cartography in the Song Textual Record,
	Association of Asian Studies, San Diego, CA, March.
2000, Political Territory in Imperial China: How to Map State Power, Electronic Cultural
	Atlas Initiative/Pacific Neighborhood Consortium, Berkeley, CA, January 2000; also
	UC Berkeley Department of Geography Tea Talk, March.
1999, Discussant and roundtable participant, Spatial Identities in Asian History, University
	of Colorado, Boulder, CO, June.
1999, Mapping Authority: Politics, Territory and Frontier Administration in Early Song
	Guangxi, Association of Asian Studies, Boston, MA, March.
1998, 'Using the Prefectures to Govern the People': The Politics of Territory in Song China,
	Association of Asian Studies, Washington, DC, March.
1997, Songdai diyu yu xingzheng dili zhidu [Territory and the Administrative Geographical
	System of Song China], Taiwan University History Graduate Colloquium, Taibei,
	Taiwan, July.
1997, Cartography and the Representation of Territory in Song China: Alumni Lecture
	Series, Inter-University Program for Chinese Language Studies in Taibei, Taibei,
	Taiwan, May.
1996, The Cadastral Survey of 1142: Property Mapping and State Activism in Early
	Southern Song China, Landscape, Culture and Power: Center for Chinese Studies
	Annual Symposium, UC Berkeley, Berkeley, CA, March.

1994, From Atlas to Scenic Guide: Changing Discourses of Place in China, 800-1250, Graduate Student Colloquium, Center for Chinese Studies, UC Berkeley, Berkeley, CA, March.

MEDIA COVERAGE AND INTERVIEWS

2020, "History Professor Advocates for the Humanities on Capitol Hill," University of Pittsburgh Pittwire Accolade, March 23 (also appears on National Endowment for the Humanities "NEH in the News" site, March 24) https://www.pittwire.pitt.edu/accolades/history-professor-advocates-humanities-capitol-hill.

2020, "World Historical Gazetteer Creates New Historical Knowledge," University of Pittsburgh Center for Research Computing, February, https://crc.pitt.edu/World-History-Gazetteer-Creating-New-Historical-Knowledge.

2018, 讲座丨马瑞诗：用 GIS 研究黄河流域的生态变迁 [Lecture | Ruth Mostern: Using GIS to Study Environmental Change on the Yellow River], 澎湃新聞 [*The Paper*], June 15. https://www.thepaper.cn/newsDetail_forward_2195651

2017, International Research and Interdisciplinary Innovation at the University of Pittsburgh, Dietrich School of Arts and Sciences Video, December 7, https://www.youtube.com/watch?v=46kgEpSQx1k and extended version at https://www.youtube.com/watch?v=5MYyXzK0Xmg.

2017, DH East Asia Podcast: Conversations on Digital Humanities in East Asian Studies, Podcast 7, June, http://www.dheastasia.org/.

2017, Participant in "Greening of China" podcast, History Talk produced by Origins: From the Ohio State University Department of History, January, https://soundcloud.com/originsosu

2015, Runner Up, Writing Category, Second Annual Academia Obscura Academics with Cats Awards, Fall http://www.academiaobscura.com/academics-with-cats-awards-2015-winners/

2013, "UC Merced Connect: Professor Uses 'Big Data' to Study History," *Merced Sun-Star* and *Sacramento Bee*, January 15. http://www.mercedsunstar.com/2013/01/15/2759851/uc-merced-connect-professor-uses.html

2011, "UC Merced Connect: Problems of the Past are Familiar," *Merced Sun-Star* and *Sacramento Bee*, December 14 http://www.mercedsunstar.com/2011/12/13/2156053/uc-merced-connect-problems-of.html#storylink=misearch http://www.sacbee.com/2011/12/13/4121277/uc-merced-connect-problems-of.html

2011, "Digital Tools to Better Understand the Past," *UC Merced Impact* (July 20) http://www.youtube.com/watch?v=DLxT8MQPbKo.

2011, "Ancient Chinese Government Lends Perspective to Modern Challenges," *UC Merced Panorama* 7.7 (May) and Website News Item (November) http://www.ucmerced.edu/news/ancient-chinese-government-lends-perspective-modern-challenges

2009, "Database Project Leads Stanford to Hire UC Merced Graduate Student," University of California, Merced website feature, December 11.

2008, "2008 Presidential Plenary," California *Geographical Society Bulletin* 62.1 (Spring), p. 5

2007, "Mostern's Fellowship will Result in Manuscript," *UC Merced Panorama* 3.7 (May)

2006, "UC Merced Professor Takes China to Heart," *UC Merced Spotlight*, October 23.

2005, "History, Technology Meet in Classroom," Adam Ashton, Merced *Sun-Star*, June 27.

2005, "Professor Creates the Big Picture—Literally—of Historical Geography," *UC Merced Panorama* 1.1 (November 2004). Reprinted as University of California, Merced website feature, January.

TEACHING

Workshop Instruction

2020, Summer Institute in Chinese Studies, University of Pittsburgh Asian Studies Center, June.

2020, Mapping the Epoch of Loss, University of Pittsburgh World History Center and Global Studies Center, Spring.

2016, Project Development in Spatial History, University of Pittsburgh Library, March 4.

2012, Digital Literacy: Perspectives from Historical Geography, Washington University, St. Louis, February 7.

2010, Scholarship of Teaching and Learning, UC Merced Center for Teaching and Research Excellence Teaching Matters Series, November.

2000-2003, Co-Organizer and Instructor, Electronic Cultural Atlas Initiative Training Institutes and Data Management Clinics: Istanbul, Turkey, June 2000; Tbilisi, Republic of Georgia, June 2000; Berkeley, CA, September 2001; Indianapolis, IN, November 2001; Berkeley, CA, June 2003.

Courses Offered, University of Pittsburgh

Cultural Studies Common Seminar: The Sense of Place in an Epoch of Loss (graduate seminar) (CLST 2012)

Capstone Seminar: The History of Water (HIST 1000)

Digital Atlas Design Internship (HIST 1906)

Digital Mapping Practicum (HIST 0706)

Graduate Writing Seminar (HIST 2012)

History of East Asian Civilization to 1800 (HIST 0400)

World History Methods: Digital Methods for the Spatial Analysis of the Past (graduate
    seminar) (HIST 2736)
World Environmental History (HIST 0705)

Courses Offered, UC Merced

Capstone for History Majors (HIST191)
China in World History (graduate seminar) (WC245)
Chinese History from Earliest Times to the Mongol Conquest (HIST80)
Chinese History from the Mongol Conquest to the Present (HIST81)
Environmental History of the World (HIST118)
From Tang to Song: China in the Medieval World (HIST165B)
History of China and Iran (co-taught course with Sholeh Quinn) (HIST108/WC245)
History of Maps and Mapmaking (HIST109)
Interdisciplinary Humanities Theory and Methods: The Anthropocene, the Living World,
    and the Posthuman (IH201)
Introduction to the Digital Humanities (graduate seminar) (WC230)
The Silk Road (HIST108)
Study Plan Design (graduate seminar) (IH202)
Theories and Methods in World Cultures (graduate seminar) (WC202)
Time, Space and Theme (graduate seminar) (WC201)
World History to 1450 (HIST10)
World History 1450-present (HIST11)

Postdoctoral Advisees

2019-2021, Susan Grunewald, Pitt World History Center Digital History Fellow.
2017-2019, Ryan Horne, Pitt World History Center Digital History Fellow.

Graduate Advisees

Chair: Sharon Zhan Zhang, Pitt History Ph.D., 2020-present; Rongqian Willow Ma (co-
    chair), Pitt Information Science Ph.D., 2018-present; Vicky Shen (co-chair), Pitt
    History Ph.D., 2018-present; Christopher Eirkson (co-chair), Pitt History Ph.D.,
    2017-2018; Rocco Bowman, UC Merced Interdisciplinary Humanities M.A. 2015-
    2017; Edward Lanfranco, UC Merced Interdisciplinary Humanities M.A. 2012-2017;
    Kaiqi Hua, UC Merced Interdisciplinary Humanities Ph.D. 2008-2016; Letha Goger,
    UC Merced World Cultures M.A., 2007-2009; Elijah Meeks, UC Merced World
    Cultures Ph.D., 2005-2010.
Member: Matthew Plishka, Pitt History, 2018-present; Cao Junyang, Pitt Anthropology
    M.A., 2018-present; Krysta Beam, Pitt History Ph.D., 2018-present; Ran Weiyu, Pitt
    Anthropology Ph.D., 2018-present; Christopher Caskey, UC Merced

Interdisciplinary Humanities Ph.D., Paul Doherty, UC Merced Environmental Engineering Ph.D., 2011-2013; Elana Gainor, UC Merced World Cultures Ph.D., 2009-2016; Marsha Bond, CSU Stanislaus Geography M.A., 2008-2013; Trevor Albertson, UC Merced World Cultures Ph.D., 2007-2009; Karl Grossner, UC Santa Barbara Geography Ph.D., 2006-2010.

External Examiner: Lance Pursey, University of Birmingham, February 2020; Zhifeng Shen, Zhejiang University, December 2019.

Other Advisees

Visiting Student Supervisor: Zhifeng Shen, Zhejiang University Department of History Ph.D., 2017-18.
B.Phil Advisee: Shaobai Xiong

UNIVERSITY SERVICE

University of Pittsburgh University Service

2019-present, University of Pittsburgh Cultural Studies Fellowship Committee
2019-present, History Department Career Diversity Champion
2018-2020, Department of History Planning and Budget Committee (Chair beginning 2020)
2018-2021, University of Pittsburgh Faculty Assembly Social Science Representative, Faculty Senate from 2019-20
2018-present, Union of Pitt Faculty Organizing Committee
2018-2021, Dietrich School of Arts and Sciences Undergraduate Council
2018-present, Asian Studies Center China Council
2018-19, Humanities Careers NEH Planning Grant, External Opportunities Committee Co-Chair
2017-2021, World History Center Director
2017-2021, Global Studies Board Member
2017-2021, Humanities Council Member
2017-2020, Department of History Graduate Program Steering Committee Member
2017-present, Digital Studies and Media Graduate Certificate Planning Committee Member
2017-20, Cultural Studies Executive Committee Member

University of Pittsburgh Hiring, Promotion and Tenure

2020, History Department tenure committee chair
2019, History Department tenure committee chair
2019, Political Science Tenure Ad Hoc Committee
2019, Public/US History internal hire hiring committee and tenure committee chair

2018, Geology and Environmental Science Tenure Ad Hoc Committee

2018, Environmental History internal hire tenure committee chair

2018, East Asia Visiting Assistant Professor Hiring Committee Chair

2018, Mellon Chair Tenure Committee Chair

2017, World History Center Postdoctoral Fellow Hiring Committee Chair

2017, East Asia Visiting Assistant Professor Hiring Committee Member

2016-17, Member of two tenure committees

UC Merced Faculty Senate

2013-14, Committee on Research (COR) Founding Chair

2013-14, Divisional Council (DivCo), Member

2012-13 , Graduate and Research Council (GRC) Vice Chair

2012-13, Committee on Academic Planning and Resource Allocation (CAPRA) Member

2012-13, SSHA Executive Committee, History and World Cultures Representative

2010-11, Committee on Rules and Elections (CRE) Vice Chair

2008-10, Committee on Committees (CoC) Elected Member and Vice Chair

2004-5, Committee on Rules and Elections (CRE) Member

Other UC Merced Service

2016, Sustainability Curriculum Planning Committee (by appointment of the Center for
    Research on Teaching Excellence)

2015-2017, Sustainability Strategic Pillar Steering Committee (by appointment of the
    Sustainability Strategic Pillar *ad hoc* task force)

2014-2017, Faculty Advisor to Undergraduate Historical Society and *History Undergraduate
    Journal* (https://escholarship.org/uc/ssha_uhj)

2013-14, Senate-Administration Library Working Group Co-Chair (by appointment of the
    Senate Division Council Chair)

2012, *Ad hoc* Hellman Award Reviewer (by appointment of the Provost)

2010-2011 and 2012-2014, Center for Research in Humanities and Arts Steering Committee
    Member (by appointment of the Center Chair) (Continues as Center for the
    Humanities after 2012)

2010-2012, World Cultures and History Department Executive Committee Member (by
    appointment of the Department Chair)

2010, *Ad hoc* Faculty Academic Computing Task Force Member (by appointment of the
    SSHA Dean)

2009-2011, World Cultures Graduate Group Executive Committee (by election of the
    graduate group membership)

2005-6, World Cultures Institute Interim Associate Director (by appointment of the
    Provost)

UC Systemwide Service

2013-14, UC Merced representative to University Committee on Research and Policy
        (UCORP)
2013-14, UC Merced representative to University Committee on Library and Scholarly
        Communication (UCOLASC)

UC Merced Hiring and Promotion Committees

2013-15, University Librarian Hiring Committee
2013-14, World Heritage Hiring Committee Chair
2012-13, Global Arts Studies Hiring Committee
2010-11, Tenure Review Committee
2007-8, History Hiring Committee
2006-7, World Heritage Hiring Committee
2006-7, History Hiring Committee
2005-6, History Hiring Committee
2005-6, Social Science Hiring Committee
2005-6, Humanities Hiring Committee
2005-6, Arts Hiring Committee
2005-6, Presidential Postdoctoral Fellows Hiring Committee
2005, World Cultures Institute Director Hiring Committee
2004-5, History and Literature Hiring Committee

LANGUAGES

Mandarin Chinese: advanced reading, intermediate writing and speaking
Classical Chinese: advanced reading
Japanese: intermediate reading, beginner speaking
French: beginner reading
Russian: beginner reading

MEMBERSHIP IN ACADEMIC SOCIETIES

American Historical Association
Association of American Geographers
Association of Asian Studies
Association for Computers and the Humanities
Electronic Cultural Atlas Initiative
Social Science History Association

World History Association