

K. MARIA D. LANE

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Department of Geography and Environmental Studies
University of New Mexico, mdlane@unm.edu

Educational History

Ph.D. Geography, 2006, University of Texas at Austin
M.S. Community and Regional Planning, 2000, University of Texas at Austin
B.A. Latin-American Studies (with Highest Distinction), 1995, University of Virginia

Appointments, University of New Mexico

2020-present, Professor, Department of Geography & Environmental Studies
2020-present, Director, Robert H. Mallory Center for Community Geography
2014-2019, Chair, Department of Geography & Environmental Studies
2013-2020, Associate Professor, Department of Geography & Environmental Studies
2007-2013, Assistant Professor, Department of Geography & Environmental Studies
2006-2007, Adjunct Assistant Professor, Department of Geography

Academic Recognition and Honors

2019-present, Elected Member, Society of Women Geographers
2016, Distinguished Visiting Scholar, Queen's University, Belfast
2010, Outstanding New Teacher of the Year Award, University of New Mexico
2006, Price/Webster Prize, for best *Isis* article, History of Science Society
2005, Graduate Leadership Award, Dept. of Geography, University of Texas at Austin
2004, Clark Award, for best student paper, AAG Historical Geography Specialty Group
2003-2004, CLIR-Mellon Fellowship for Dissertation Research in the Humanities
2000-2001, A.D. Hutchison Fellowship, University of Texas at Austin
1999-2000, Livingston Fellowship, University of Texas at Austin
1998-1999, Pre-emptive Fellowship, University of Texas at Austin
1991-1995, Echols Scholar, University of Virginia

Authored Books

Lane, K. Maria D. (2011) *Geographies of Mars: Seeing and Knowing the Red Planet* (Chicago: University of Chicago Press) ISBN: 9780226470788. Licensed to Human Science and Technology Press for Chinese-language translation.
[Reviewed in: *The Guardian*, *Times Literary Supplement*, *Nature*, *American Scientist*, *Imago Mundi*, *Isis*, *Journal for the History of Astronomy*, *Journal of Historical Geography*, *Geographical Review*, and *Cultural Geographies*.]

Articles in Refereed Journals (* indicates student or advisee)

Lane, K. Maria D., *Hayley Pedrick, and *Kristian Mueller (2020) "Adding beer to the geography curriculum." Accepted 8/2019 to *The Geography Teacher* 17 (3):77-82. doi: [10.1080/19338341.2020.1796739](https://doi.org/10.1080/19338341.2020.1796739). [Role: primary responsibility for manuscript draft and revision.]

*Cáceres-Arteaga, D. Natali and **K. Maria D. Lane** (2020) "Agro-ecological practices as a climate change adaptation mechanism in four highland communities in Ecuador." *Journal of Latin American Geography* 19 (3): 47-73. DOI: [10.1353/lag.2020.0071](https://doi.org/10.1353/lag.2020.0071). [Role: review and development of research design, assistance with analytic interpretation, assistance with writing and revision.]

- Gong, Xi and **K. Maria D. Lane** (2020) “A case study of institutional twitter usage by U.S. geography departments.” *Professional Geographer* 72(2): 219-237. DOI: [10.1080/00330124.2019.1653770](https://doi.org/10.1080/00330124.2019.1653770). [Role: assistance with concept development, assistance with text revision.]
- Lane, K. Maria D.** (2019) “Commentary: Old and New,” special issue on “Interdisciplinary Research on Past Environments through the Lens of Historical-Critical Physical Geographies,” edited by Kirsten Greer, Katie Hemsworth, Adam Csank, and Kirby Calvert, *Historical Geography* 46: 151-159. DOI: [10.1353/hgo.2018.0029](https://doi.org/10.1353/hgo.2018.0029). (Note: publication of 2018 issue was delayed and did not appear until 2019.)
- Dunnett, Oliver O., Andrew S. Maclaren, Julie Klinger, **K. Maria D. Lane**, Daniel Sage (2019) “Geographies of outer space: progress and opportunities.” *Progress in Human Geography* 43(2):314-336. DOI: [10.1177/0309132517747727](https://doi.org/10.1177/0309132517747727). [Role: sole contributor for section “IV. Historical geographies of outer space: knowledge, imagination, nature.”]
- *Cáceres-Arteaga, Natali, Oscar Ayala-Campaña, Darwin Rosero-Vaca, & **K. Maria D. Lane** (2018) Historical climate analysis and projection of future climatic scenarios for the Andean canton of Pedro Moncayo, Ecuador. *Revista Geográfica de America Central* 3(61E): 297-318. [Role: review and development of research design, assistance with analytic interpretation, assistance with writing and revision.]
- *Healy, A., C.D. Lippitt, D. Phillips, and **M. Lane** (2017) “A comparison of suitability models to identify prehistoric agricultural fields in western New Mexico.” *Journal of Archaeological Science: Reports* 11: 427-434. [Role: review and development of research design, assistance with analytic interpretation, contributed to text revision.]
- Lave, Rebecca, Matthew W. Wilson, Elizabeth S. Barron, Christine Biermann, Mark A. Carey, Chris S. Duvall, Leigh Johnson, **K. Maria Lane**, Nathan McClintock, Darla Munroe, Rachel Pain, James Proctor, Bruce L. Rhoads, Morgan M. Robertson, Jairus Rossi, Nathan F. Sayre, Gregory Simon, Marc Tadaki and Christopher Van Dyke (2014) “Intervention: critical physical geography.” *Canadian Geographer* 58(1): 1-10. [Role: contributed to group discussion of conceptual framework; contributed to literature review and to overall revision.]
- Lane, K. Maria D.** (2013) “Reading Boulder Dam: landscape alteration as national transformation in 1930s America.” *Aether: The Journal of Media Geography*, 11: 102-126. (Special issue on “Landscape, history, and media,” eds. Christina Dando and Eric Olmansen.)
- Lane, K. Maria D.** (2011) “Water, technology, and the courtroom: negotiating reclamation policy in territorial New Mexico.” *Journal of Historical Geography*, 37: 300-311.
- Lane, K. Maria D.** (2006) “Mapping the Mars canal mania: cartographic projection and the creation of a popular icon.” *Imago Mundi: The International Journal for the History of Cartography*, 58: 198-211.
- Lane, K. Maria D.** (2005) “Geographers of Mars: cartographic inscription and exploration narrative in late Victorian representations of the red planet,” *Isis: An International Review Devoted to the History of Science and its Cultural Influences*, 96: 477-506. (Winner: 2006 Price/Webster Prize for best *Isis* article over the previous three years, awarded by the History of Science Society.)
- Handy, Susan, Lisa Weston, Jumin Song, and **K. Maria D. Lane** (2002) “Education of transportation planning professionals,” *Transportation Research Record* 1812: 151-160. [Role: conducted survey research and interviews.]
- Lane, Maria.** (2000) “Environmentally responsible behavior: does it really matter what we believe?” *Planning Forum*, 6: 33-39.

Book Chapters in Edited Volumes (* indicates student or advisee)

- Lane, K. Maria D.** (accepted by editors, edited volume still subject to final approval) “On complicity,” In *Reflections on “Challenging Canada 150: Settler Colonialism and Critical Environmental Sciences Symposium,”* eds. Kirsten Greer and Katie Hemsworth (Historical Geography Research Group Research Monograph Series).
- Lane, K. Maria D.** (2020) “Engineering.” In *The SAGE Handbook of Historical Geography*, eds. Mona Domosh, Michael Heffernan, and Charles W. J. Withers (London: Sage), 698-719.
- *Beene, Daniel and **Lane, K. Maria D.** (2020) “Unmappable variables: GIS and the complicated historical geography of water in the Rio Grande Project.” In *Historical Geography, GIScience, and Textual Analysis: Mapping the Landscapes of Time and Place*, eds. Charles Travis, Ferenc Gyuris, and Francis Ludlow (Springer). [Role: lead author on historical geography sections, assistance with multi-method analytic interpretation, extensive contributions to manuscript text and revision.]
- Lane, K. Maria D.** (2018) “Bridging the Florida Keys: engineering an environmental transformation, 1904-1912.” In *American Environment Revisited*, eds. Geoff Buckley and Yolonda Youngs (Rowman & Littlefield), pp. 235-253.
- Lane, K. Maria D.** (2016) “Pros and cons of a cosmopolitan classroom,” in *Going Inward: the Role of Cultural Introspection in College Teaching*, eds. S. D. Longerbeam and A. F. Chávez (New York: Peter Lang Publishing), pp. 181-190.
- Perramond, Eric P. and **K. Maria D. Lane** (2014) “Territory to state: law, power, and water in New Mexico,” in *Negotiating Territoriality: Spatial Dialogues between State and Tradition*, eds. Allan Charles Dawson, Laura Zanotti, and Ismael Vaccaro (New York: Routledge), 142-162. [Role: lead author for historical sections, contributor to project design and manuscript revision.]
- Lane, K. Maria D.** (2008) “Astronomers at altitude: mountain geography and the cultivation of scientific legitimacy,” in *High Places: Cultural Geographies of Mountains, Ice, and Science*, eds. Denis Cosgrove and Veronica della Dora (London: I.B. Tauris), 126-144.

Book Reviews

- Schlichting, Kara Murphy, Robert M. Wilson, Vinita Damodoran, **Maria Lane**, Philip Howell, Ruth Morgan & Kirsten Greer (2021) Book Review forum on *Red Coats and Wild Birds* (University of North Carolina Press, 2020) in *H-Environment* 11(4). Available at: <https://networks.h-net.org/system/files/contributed-files/env-roundtable-11-4.pdf>
- Jörn Seemann, Barbara Belyea, Keith C. Clarke, Francis Harvey, Trevor J. Barnes, **Maria Lane** & Matthew H. Edney (2020) Book Review Forum on *Cartography: The Ideal and its History* (University of Chicago Press, 2019) in *The AAG Review of Books* 8(4):223-235. DOI: [10.1080/2325548X.2020.1781462](https://doi.org/10.1080/2325548X.2020.1781462).
- Lane, Maria (2018) Review of Lisa Messeri, *Placing Outer Space: An Earthly Ethnography of Other Worlds* (Duke University Press, 2016) in *Journal of Anthropological Research*, 74(3):416-417.
- Lane, Maria (2018) Review of Robert S. McPherson and Susan Rhoades Neel, *Mapping the Four Corners: Narrating the Hayden Survey of 1875* (University of Oklahoma Press, 2016) in *Journal of Historical Geography* 60:101-102. doi: [10.1016/j.jhg.2018.02.008](https://doi.org/10.1016/j.jhg.2018.02.008)

- Lane, Maria (2017) Review of Michele Currie Navakas, *Liquid Landscape: Geography and Settlement at the Edge of Early America* (University of Pennsylvania Press, 2018) in *Historical Geography* 45: 274-276.
- Lane, K. Maria D. (2017) Review of Margaret A. Bickers, *Red Water, Black Gold: The Canadian River in Western Texas, 1920-1999* (Texas State Historical Association, 2014) in *Environmental History* 22: 529-530. doi:10.1093/envhis/emx028
- Lane, Maria (2017) Review of Janet Vertesi, *Seeing Like a Rover: How Robots, Teams, and Images Craft Knowledge of Mars* (University of Chicago Press, 2015) in *Technology and Culture* 58: 298-299.
- Lane, Maria (2016) Review of Kenna Lang Archer, *Unruly Waters: A Social and Environmental History of the Brazos River* (University of New Mexico Press, 2015) in *Journal of American History* 103(2):465-466 DOI: 10.1093/jahist/jaw216.
- Lane, Maria (2016) Review of Siobhan Carroll, *An Empire of Air and Water: Uncolonizable Space in the British Imagination, 1750-1850* (Univ of Pennsylvania Press, 2015) in *AAG Review of Books* 42(2):62-64. DOI:10.1080/2325548X.2016.1145984
- Lane, Maria (2014) Review of Philip J. Stooke, *The International Atlas of Mars Exploration: The First Five Decades* (Cambridge, 2012) in *Quest: The Quarterly of Spaceflight History* 21(3):57-58.
- Lane, Maria (2014) Review of Elinore Barrett, *The Spanish colonial settlement landscapes of New Mexico, 1598-1680* (University of New Mexico Press, 2012) in *Journal of Latin American Geography* 13(1) 233-234.
- Lane, Maria (2011) Review of Karen M. Morin, *Frontiers of Femininity: A New Historical Geography of the Nineteenth-Century American West* (Syracuse: Syracuse University Press, 2008) in *Cultural Geographies* 18:258-259.
- Lane, Maria (2010) Review of Douglas R. Littlefield, *Conflict on the Rio Grande: Water and the Law, 1879-1939* (Norman: University of Oklahoma, 2008) in *Journal of Historical Geography*, 36: 496-497.
- Lane, Maria (2010) Review of Joseph P. Sánchez, *Between Two Rivers: The Atrisco Land Grant in Albuquerque History, 1692-1968* (Albuquerque: University of New Mexico Press, 2008) in *Journal of Historical Geography* 36: 114-115.
- Lane, Maria (2009) Review of Michael P. Conzen and Diane Dillon, *Mapping Manifest Destiny: Chicago and the American West* (Chicago: Newberry Library, 2007), *H-HistGeog, H-Net Reviews*, 3 pgs.
- Lane, Maria (2008) Review of Derek Hayes, *Historical Atlas of the United States* (Berkeley: University of California Press, 2007), *H-HistGeog, H-Net Reviews*, 4 pgs.
- Lane, Maria (2007) Review of Robert Markley, *Dying Planet: Mars in Science and the Imagination*. (Durham: Duke University Press, 2005), *Isis*, 97: 772-773.

Non-Refereed Articles and Other Writings

- Lane, Maria (2019) "A Report on the 17th International Conference of Historical Geographers, Warsaw." *Past Place Newsletter*, March 2019: 20-21.
- Lane, Maria (2017) "Editorial update." *Historical Geography*, 45: 1.
- Lane, Maria (2017) "Historical Geography Editor's Perspective." *Past Place* newsletter of the Historical Geography Specialty Group, fall 2017.
- Lane, Maria (2015) "Editorial update." *Historical Geography*, 43: 1.
- Lane, K. Maria D. (2014) "An odyssey among deserts," in *North American Odyssey: Historical Geographies for the 21st Century*, eds. Craig Colten and Geoff Buckley (Rowman & Littlefield).
- Lane, Maria (2013) "Editorial update." *Historical Geography*, 41: 1.

Lane, Maria (2012) “Editorial update.” *Historical Geography*, 40: 1-2.

Lane, K. Maria D. (2012) “Maps, images, and icons: creating the geography of Mars.”
Rheinsprung, 11: 50-65.

Works in Preparation

Book monograph under contract

Lane, K. Maria D. *Fluid geographies: settling New Mexico during the Reclamation Era*. Under contract with University of Chicago Press. (Final submission expected spring 2021.)

Works under review

Lane, K. Maria D. (under review) Short commentary on “Methodology” in Post, Greiner, and Buckley (eds.) *Re-reading the American Landscape: Environments, Cultures, and Places* (Routledge).

Chapters and articles in preparation

Kern, Roald, Liping Yang, **K. Maria D. Lane**, and Sarigai Sarigai (in preparation) “Data-driven multi-scale visual explorer for US national park visitation.” Draft in preparation for 2021 submission to *Professional Geographer*.

Editorships

2020-present, Co-Editor, *Journal of Historical Geography*

2011-2017, Co-Editor, *Historical Geography*

volume 45 (2017): Spatial Art History in the Digital Realm

volume 44 (2016): Feminist Historical Geographies (lead editor)

volume 43 (2015): Historical Geographies of Sexualities

volume 42 (2014): Irish Historical Geographies II (lead editor)

volume 41 (2013): Irish Historical Geographies (lead editor)

volume 40 (2012): Digital Historical Geography (lead editor)

volume 39 (2011): Geographies of Slavery

2000-2002, Senior Editor, *Planning Forum*

Conference Leadership

2020-2021, International Scientific Committee (invited) for the International Conference of Historical Geographers, Rio de Janeiro, Brasil, summer 2021 [postponed, date TBD].

2019-20, Program Committee (invited) for “Changing North American Continent” theme for the Meeting of the American Association of Geographers: April (virtual conference).

2014, Conference co-organizer (with Shawn Hutchinson, Kansas State University) for joint meeting of the Southwest and Great Plains / Rocky Mountains Divisions of the Association of American Geographers, Albuquerque, NM: October 23-25.

Invited Lectures, External

2018, “Roundtable: Critical Historical Geographies.” Dartmouth College. May 18.

2018, “Fluid geographies: water, science and settlement in Territorial-era New Mexico.”

Keynote lecture for Critical Historical Geographies Workshop, Dartmouth College. May 17.

2018, “Managing water in Territorial-era New Mexico: Hydraulic expertise and the science of settlement.” Symposium presentation to joint master’s program in Integrated

- Management of Water Resources and Irrigation, Universidad Central de Ecuador and Universidad de San Luis Potosi, Quito, Ecuador, March 19.
- 2018, "Making the Florida Keys American: A Historical Geography of Islands." Department of Geography colloquium, University of Nevada-Reno, February 7.
- 2017, "Managing water in Territorial-era New Mexico: Hydraulic expertise and the science of settlement." Nipissing University symposium: "Challenging Canada 150: Settler Colonialism and Critical Environmental Sciences," North Bay, Ontario, October 14.
- 2016, "Colonial Geographies of Mars: Past, Present and Future." SSC School Seminar, Queen's University, Belfast UK, October 27.
- 2016, "The Geographies of Mars." Humanities Center at DePaul University, Chicago, IL, October 17.
- 2013, "Natural resources and the production of urban possibilities in the Southwestern borderlands." Symposium presentation at the Center for Urban and Global Studies, Trinity College, Hartford, CT, April 20.
- 2011, "Cartographic treasures of the Harry Ransom Center." Southwest Division of the Association of American Geographers, University of Texas at Austin, November 11.
- 2011, "Geographies of Mars: science, image and spectacle." National Center for Competence in Research on Iconic Criticism, University of Basel, Switzerland, October 4.
- 2011, "Geographies of Mars." Keynote Science Speaker at New Mexico Science Fiction Conference, Albuquerque, NM, August 26.
- 2011, "Water, society, and the courtroom: understanding resource management transitions in Reclamation-era New Mexico"
- Department of History, Idaho State University, March 14.
 - Department of Geography, University of Delaware, February 28.
 - Department of Geography, University of Maryland Baltimore County, February 7.
- 2010, "Placing science: Mars and the geography of water resource management." Department of Global and Sociocultural Studies, Florida International University, February 25.
- 2009, "Geographies of Mars." International Workshop on One Century of Mars Observations, Paris Observatory, France, September 18.
- 2008, "Regional Studies Workshop." Department of Regional Studies in Humanities and Social Sciences, National Hsinchu University, Taiwan, May 28.
- 2008, "Urban-rural relationships in the American Southwest." Department of Regional Studies in Humanities and Social Sciences, National Hsinchu University, Taiwan, May 23.
- 2008, "The historical geography of water management in the Rio Grande Valley, New Mexico." Department of Regional Studies in Humanities and Social Sciences, National Hsinchu University, Taiwan, May 22.
- 2006, "Mars in the image of the Earth: historical geographies of the red planet." Department of Geography and Program in Planning, University of Toronto, January 17.

Invited Lectures and Colloquia, Internal

- 2017, "Bridging the Florida Keys: Science and Spectacle," Spatial Humanities Working Group, University of New Mexico, November 15.
- 2015, "Geographies of science." Academic and Student Affairs Committee, Board of Regents, University of New Mexico: September 3.
- 2015, "Geographies of science or, how are we supposed to manage the environment with all those people in the way." Lightning Lounge, Office of the Provost, University of New Mexico: March 19.
- 2013, "Faculty Author Roundtable." Department of Communication & Journalism, Colloquium Series, University of New Mexico: February 27.

- 2012, "From courts to cartographers: Water disputes in Territorial-era New Mexico." Student Organization for Latin American Studies, University of New Mexico, March 28.
- 2010, "Water, technology, and the courtroom: New Mexicans resist the Reclamation Era." Department of History Colloquium. University of New Mexico, April 30.
- 2009, "Quest for Mars: origins, crosscurrents, and the early role of earth sciences." Department of Earth and Planetary Science Seminar Series, University of New Mexico, March 6.
- 2007, "Reading Boulder Dam: perceptions of western resource management in 1930s America." Department of Geography, University of New Mexico, April 16.
- 2007, "Knowing Mars: how the red planet became arid, irrigated, and inhabited in the late nineteenth century." Department of Geography Speaker Series, University of New Mexico, April 6.
- 2007, "Knowing Mars: how the red planet became arid, irrigated, and inhabited in the late nineteenth century." Honors Program, University of New Mexico, February 21.
- 2005, "Geographies of Mars: bringing the red planet to life in the late nineteenth century." Colloquium, Department of Geography and the Environment, University of Texas at Austin: November 18.

Sessions Organized at Professional Meetings

- 2019, "A New PhD Program for New Mexico." Panel session organized for the Annual Meeting of the Association of American Geographers. Washington, DC: April 3-7.
- 2016, "The Role of Small and Independent Journals in a Dynamic Publication Landscape." Session organized for the Annual Meeting of the Association of American Geographers. San Francisco, CA: March 29-April 2.
- 2012, "Historical Geographies of the Environment: Water." Session organized for the Annual Meeting of the Association of American Geographers. New York, NY: February 24-28.
- 2009, "Focus on New Mexico: Understanding the Land of Enchantment." Session organized for the Annual Meeting of the Association of American Geographers. Las Vegas, NV: March 22-27.
- 2005, "American Maps, American Places." Session organized for the Annual Meeting of the American Studies Association. Washington, DC.: November 3-6.
- 2005, "Visual Narratives in the Production of Geography (1 & 2)." Two-session series for the Annual Meeting of the Association of American Geographers. Denver, CO.: April 5-9.

Contributed Presentations at Professional Meetings (* if refereed)

- 2020, "Connected Landscapes of Cuba and Montreal: Redpath Sugar's Islands, 1850s-1970s" (with co-authors Kirsten Greer and Andrew Smith). Conference of Latin Americanist Geographers, Antigua, Guatemala: Jan 4.
- 2020, "Poverty and Climate Change: The Importance of an Intersectional Perspective on Inequities in Agriculture" (presented by co-author Natali Cáceres-Arteaga). Conference of Latin Americanist Geographers, Antigua, Guatemala: Jan 4.
- 2018, "Geography of Beer: The Pedagogy of Recruitment." Meeting of the Southwest Division of the Association of American Geographers, Baton Rouge, LA, October 5.
- *2018, "Slow scholarship and the digital age." In session on "Maps and Stories: What does the future look like for historical geographers?" International Conference of Historical Geographers. Warsaw, Poland: July 16.
- 2018, "Connecting Havana and Key West: A Historical Geography of Islands." Conference of Latin Americanist Geographers. San Jose, Costa Rica: May 20-22.

- 2017, "When did Key West become American? Rails, reefs, and the re-imagining of North Havana." Conference of Latin Americanist Geographers. New Orleans, LA: January 3-5.
- 2016, "Re-imagining the islands: environmental change in the Florida Keys." Annual Meeting of the Southwest Division of the Association of American Geographers, Denton, TX, October 19-21.
- *2015, "Re-imagining the islands: environmental change in the Florida Keys." International Conference of Historical Geographers, London, July 5-10.
- 2015, "Environmental Governance as a Foundation for Settler Colonialism: A New View of New Mexico's Rivers." Annual Meeting of the Association of American Geographers. Chicago, IL, April.
- 2014, "Methodological Mistakes in Legal Geography." Joint Regional Meeting of the Southwest and Great Plains/Rocky Mountains Divisions of the Association of American Geographers, Albuquerque, NM, October 24.
- 2014, "Envisioning an expert agency: legislating water control in territorial New Mexico." Annual Meeting of the Association of American Geographers. Tampa, FL, April.
- 2013, "Land Managers' Perceptions of Landscape Change in Southern New Mexico." Presented at the Annual Meeting of the Southwest Association of American Geographers. Nacogdoches, TX, October 25 (with Christopher D. Lippitt).
- 2013, "Making geography relevant to students." Presented at the Joint UNM-NAU Faculty Workshop on Culture, Teaching, and Learning. Albuquerque, NM, May 13.
- 2013, "Science, settlement, and the New Mexico Territory's irrigation-based development." Annual Meeting of the Association of American Geographers. Los Angeles, CA, March.
- 2013, "Writing for Deep Learning: Creating Assignments that Make Students Explore, Think, and Change." Success in the Classroom Conference, University of New Mexico, February 20.
- 2012, "Fluid courts: the cultural-legal geography of water conflicts in Territorial New Mexico." Annual Meeting of the Southwest Association of American Geographers. Las Cruces, NM, October.
- 2012, "From courts to cartographers: Water disputes in Territorial-era New Mexico." Annual Meeting of the Association of American Geographers. New York, NY, February.
- *2010, "Mapping the waters: cartographic complications and water management in Reclamation-era New Mexico." ICA International Symposium of the History of Cartography Commission and Maps & Society Commission. Arlington, TX: October 12.
- 2010, "Water technology, discourse, and the courtroom: New Mexicans resist the Reclamation Era." Annual Meeting of the Association of American Geographers. Washington, DC. April 16.
- 2009, "Water engineers in the field: from New Mexico to the wider West." Annual Meeting of the Association of American Geographers. Las Vegas, NV: March (with Molly Blumhoefer).
- 2008, "Geochemistry and potential playa sources of the January 7, 2008 Southwestern New Mexico 'milky rain.'" International Conference on Salt Lake Research. Salt Lake City, UT: May 11-16 (with Gilbert, J., Gill, T.E., Borrok, D., Frey, B., Hertel, T., Bleiweiss, M., Lehmann, C., and Gay, D.).
- 2008, "Explorations and uncertainties: science, law and New Mexico's Rio Grande Valley." Annual Meeting of the Association of American Geographers. Boston, MA: April.
- 2008, "Geochemistry and potential playa sources of the January 7, 2008 Southwestern New Mexico 'milky rain.'" Annual Meeting of the New Mexico Geological Society. Socorro, NM: April (with Gilbert, J., Gill, T.E., Borrok, D., Frey, B., Hertel, T., Bleiweiss, M., Lehmann, C., and Gay, D.).

- 2008, "Writing their way around the world: student essays and geographic literacy." University of New Mexico Success in the Classroom Conference. Albuquerque, NM: February 21.
- 2007, "Intersections of authority: science, law and the management of water resources in New Mexico's Rio Grande Valley." Annual Meeting of the Southwestern Division, Association of American Geographers. Bryan, TX: November 3.
- *2007, "The cartography of uncertainty in New Mexico's Rio Grande Valley: land use, water rights, and identity conflict, 1907-1917." Annual Meeting of the American Studies Association. Philadelphia, PA: October 11.
- 2007, "High science: men, mountains, and the mapping of Mars." Annual Meeting of the Association of American Geographers. San Francisco, CA: April.
- *2007, "Creating landscape, contesting national identity: popular narrations of Boulder Dam in 1930s America." Annual Meeting of the Southwest / Texas Popular Culture and American Culture Associations. Albuquerque, NM: February 14.
- 2006, "High science: mountain geography in astronomical debates." Annual Meeting of the Southwestern Division, Association of American Geographers. Norman, OK: October 27.
- 2006, "Natural alteration as national transformation: the Boulder Dam landscape story." Annual Meeting of the Association of American Geographers. Chicago, IL: March 9.
- *2005, "Cartography, photography, and areography: visual negotiations over the planet Mars, 1899-1910." Annual Meeting of the History of Science Society. Minneapolis, MN: November 5.
- *2005, "Mapping life onto Mars: early views of the red planet." Annual Meeting of the American Studies Association. Washington, DC: November 4.
- *2005, "The lost planet: maps of the planet Mars, 1877-1910." International Conference on the History of Cartography. Budapest, Hungary: July 17.
- 2005, "Areographical narratives: images and imaginations of the planet Mars, 1867-1916." Association of American Geographers Annual Meeting. Denver, Colorado: April 5.
- *2004, "Familiar aliens: geographical representations of the planet Mars, 1894-1916." Annual Meeting of the History of Science Society. Austin, Texas: November 19.
- 2004, "To the red planet and back: American imaginations of the journey to Mars, 1898-1916." Annual Meeting of the American Studies Association. Atlanta, Georgia: November 11.
- *2004, "Geographic representations of the planet Mars, 1867-1907." European Social Science History Association meeting. Berlin, Germany: March 26.
- 2004, "Lessons from the red planet: American visions of Mars and the United States, 1894-1916." Annual Meeting of the Association of American Geographers. Philadelphia, PA: March 17. (Winner: Andrew Hill Clark Award for best student paper, awarded by the AAG Historical Geography Specialty Group.)

Conference Support Activities

- 2021, Panelist, "Broader Impacts Session." Team Research Symposium, University of New Mexico [virtual]: April 20.
- 2021, Panelist, "Author Meets Critics: Elizabeth Hennessy's *On The Backs of Tortoises*." Annual Meeting of the American Association of Geographers. Seattle, WA [virtual]: April 8.
- 2019, Panelist, "Graduate Program Information Session." Annual Meeting of the Southwestern Division, American Association of Geographers. Fort Worth, TX: October 11.
- 2018, Panelist, "Writing Historical Geography." International Conference of Historical Geographers. Warsaw, Poland: July 14-19.
- 2017, Session chair for session on species, place and the politics of survival. Decolonizing Nature conference. Albuquerque, NM: April 19-22.

- 2017, Discussant for two sessions, “What does it mean to do interdisciplinary research on past environments? Exploring mixed methods in geography through the lens of critical physical geography.” Annual Meeting of the Association of American Geographers. Boston, MA: April 5-9.
- 2016, Session Chair for the Distinguished Historical Geography Lecture, featuring Bill Wyckoff. Annual Meeting of the Association of American Geographers. San Francisco, CA: March 29-April 2.
- 2016, Panelist, “The Role of Small and Independent Journals in a Dynamic Publication Landscape.” Annual Meeting of the Association of American Geographers. San Francisco, CA: March 29-April 2.
- 2015, Panelist, “Toward a Sustainable Future for Geography.” Annual Meeting, Southwest Division, Association of American Geographers, San Antonio, TX, November 4-8.
- 2015, Panelist, “Rethinking the PhD in Geography.” Annual Meeting of the Southwest Division of the Association of American Geographers, San Antonio, TX, November 4-8.
- 2014, Panelist, “Academic Publishing.” Joint Regional Meeting of the Southwest and Great Plains/Rocky Mountains Divisions of the Association of American Geographers, Albuquerque, NM, October 24.

Media Appearances and Public Recognition

- 2021 Featured on KUNM *University Showcase* radio program for April 2021: “How Maps Influenced Our Ideas About Mars.” Available at: <https://www.kunm.org/post/how-maps-influenced-our-ideas-about-mars>
- 2021 Featured in a print story and online video feature about historical episodes in the mapping of Mars. Story by Nadia Drake, “Our obsession with Mars,” *National Geographic*, March 2021: 38-65. NatGeo online feature (story and video) by Nadia Drake, “How these feuding mapmakers shaped our fascination with Mars”: <https://www.nationalgeographic.com/science/article/how-these-feuding-map-makers-shaped-our-fascination-with-mars>
- 2017 Recognized by the New Mexico Legislature (both House and Senate) for “achievement in the sciences that reflects a keen understanding of the human role in the environment,” January 30.
- 2017 Featured in first episode of a week-long BBC4 radio series on *War of the Worlds*: “The Chances Against Anything Manlike on Mars Are a Million to One'.” Air date: 6 March 2017. iPlayer link: <http://www.bbc.co.uk/programmes/b08gwx12>

Research Funding (* if funded)

*Efectos del cambio climático en el uso, acceso y distribución del agua: respuestas de las poblaciones rurales del Distrito Metropolitano de Quito

Principal Investigator: Natali Cáceres-Arteaga, Universidad Central de Ecuador

Role: Co-Investigator, K. Maria D. Lane

Other Co-Investigators: Jesús Tapia López, Universidad Central de Ecuador

Universidad Central de Ecuador, Dirección General de Investigación y Posgrado

May 2020 – April 2021 (\$3,000, awarded March 2020)

*Place-Based Reparative Environmental Histories Symposium

Principal Investigator: Kirsten Greer, Geography, Nipissing University

Role: Co-Investigator, K. Maria D. Lane

Other Co-Investigators: Arn M. Keeling (Memorial University of Newfoundland), Aylan

N. Coushie (Nipissing University), Deborah A. McGregor (York University), Katie M.

- Hemsworth (Nipissing University), Nancy E. Langston (Michigan Technical University),
 Randy T. Restoule (Nipissing University), William C. Knight (Ingenium)
 Social Science and Humanities Research Council
 Spring 2020 (CAN\$25,000, awarded July 2019)
- Multispecies Futures Grand Challenge Initiative
 Key Team Member for cross-college team (PI: Subhankar Bannerjee, Art & Ecology)
 Spring 2019 (\$70,000, not funded)
- Spatial Humanities + Digital Mapping Initiative
 Principal Investigators: Fred Gibbs, Jeff Erbig (UNM Dept of History)
 Senior Personnel: K. Maria D. Lane, Karl Benedict (OILS), Melissa Bokovoy (History)
 National Endowment for the Humanities
 January 2017– August 2018 (\$110,133, not funded)
- *Student Experience in National Trails GIS Development Activities
 Principal Investigator: K. Maria D. Lane
 U.S. Department of Interior, National Park Service, CP-CESU
 Task Agreement No. P16AC01127/UNM-131, 7/2016-4/2018 (\$25,383)
- Creation of a Graduate Research Commons
 PIs: K. Maria D. Lane, Chris Lippitt; Students: Alissa Healy, Will Brewer, Sagert Sheets
 GPSA Graduate Laboratory Competition
 December 2015 (\$100,450 not funded)
- *Re-Imagining the Islands: Environmental Change in the Florida Keys
 Principal Investigator: K. Maria D. Lane
 UNM Research Allocation Committee
 December 2015 – May 2017 (\$8,382)
- *GA Funding: Student Experience in National Trails GIS Development Activities
 Principal Investigator: K. Maria D. Lane
 U.S. Department of Interior, National Park Service
 Task Agreement No. P15AC01641/UNM-119, 9/2015-9/2016 (\$25,098)
- Equipment Funding Request: Cooling and Backup Systems for Server Facility
 Principal Investigator: K. Maria D. Lane
 University of New Mexico, Research Office
 OVPR Equipment Funding Competition
 2014 (\$34,222 not funded)
- *Evolving Priorities in Land Management: A Pilot Study Assessing Historical Intersections and
 Interactions between Management Practice and Land Cover in Large-Tract Landholdings
 throughout New Mexico's Rio Grande Valley
 Principal Investigator: Chris D. Lippitt, PI, with K. Maria D. Lane, Co-PI
 University of New Mexico, Research Office
 Research Allocations Committee
 2013-2014 (\$10,000)
- *Proposal for Development of a Study-Abroad Course in Barbados
 Principal Investigator: K. Maria D. Lane, PI, with John N. Carr, Co-PI
 University of New Mexico
 Study-Abroad Allocations Committee
 Summer 2013 (\$4,000)
- *Emerging Landscapes, Evolving Priorities: Assessing the Intersections between Land Cover
 Change and the Management of Introduced Species and Habitats on the Turner Ranches in
 Southern New Mexico

- Principal Investigator: K. Maria D. Lane, PI, with Chris D. Lippitt, Co-PI
 University of New Mexico, College of Arts & Sciences
 Seed Grant Program, Turner Ranches Initiative
 July 2012 – June 2013 (\$10,000)
- *Research Experience for Undergraduates: Creation of a Historical GIS to supplement the Intersections of Authority project
 Principal Investigator: K. Maria D. Lane
 National Science Foundation, REU Supplemental Grant
 Funded jointly by Science & Technology Studies, Geography & Spatial Science
 Award No. 1052903, September 2010 – May 2011 (\$7,090)
- *Intersections of Authority: Science, Law and the Management of Water Resources in New Mexico's Rio Grande Valley
 Principal Investigator: K. Maria D. Lane
 National Science Foundation, Science and Society Program, Standard Research Grant
 Award No. 0750115, June 2008 – May 2011 (\$132,412)
- *Imaginative Geographies of Mars
 Principal Investigator: K. Maria D. Lane
 UNM Research Allocation Committee, Small Grant-in-Aid for Research (Travel)
 December 2007-September 2008 (\$2,491)
- Science, Law and the Management of Water Resources in New Mexico's Rio Grande Valley
 Principal Investigator: K. Maria D. Lane
 National Endowment for the Humanities, Summer Stipend
 Submitted September 2007 (\$6,000, not funded)
- Intersections of Authority: Science, Law and the Management of Water Resources in New Mexico's Rio Grande Valley
 Principal Investigator: K. Maria D. Lane
 National Science Foundation, Science and Society Program, Postdoctoral Fellowship
 Submitted February 2007 (\$83,968, not funded)
- *Geographies of Mars: Science, Site and Sensation
 Principal Investigator: K. Maria D. Lane
 AAUW Educational Foundation, American Fellowship for Short-Term Publication
 July 2007-August 2007 (\$6,000)
- *Appropriating Space: Geographical Representations of the Planet Mars, 1877-1910
 Principal Investigator: K. Maria D. Lane
 American Historical Association, Beveridge Research Grant for Dissertation Travel
 July 2005 (\$600)
- Appropriating Space: Geographic Representations of the Planet Mars, 1867-1916
 Principal Investigator: K. Maria D. Lane
 Society of Women Geographers, Pruitt National Fellowship for Dissertation Research
 Submitted December 2003 (\$14,750, not funded)
- *Geographic Representations of the Planet Mars, 1867-1907
 Principal Investigator: K. Maria D. Lane
 Council on Library and Information Resources, Mellon Fellowship for Dissertation Research in the Humanities in Original Sources
 August 2003 – July 2004 (\$20,000)
- *Geographic Representations of the Planet Mars, 1867-1907
 Principal Investigator: K. Maria D. Lane
 University of Texas at Austin, Bruton Fellowship for dissertation research
 August 2003 – July 2004, (\$1,000 plus full graduate tuition)

- *Geographic Representations of the Planet Mars, 1867-1907
Principal Investigator: K. Maria D. Lane
University Co-op Society (Austin, TX), Mitchell Fellowship for dissertation research
August 2003 – July 2004 (\$1,000)
- *Geographic Representations of the Planet Mars, 1867-1907
Principal Investigator: K. Maria D. Lane
University of Texas Department of Geography, Veselka Endowed Fellowship for travel
July 2003 (\$3,000)
- Geographic Representations of the Planet Mars, 1867-1907
Principal Investigator: K. Maria D. Lane
NASA/American Historical Association, Fellowship in Aerospace History
Submitted March 2003 (\$20,000, not funded)
- Appropriating Space: Geographical Representations of the Planet Mars, 1867-1907
Principal Investigator: K. Maria D. Lane
National Science Foundation, Doctoral Dissertation Research Improvement Grant
Submitted January 2003 (\$11,967 not funded)
- Geographic Representations of the Planet Mars, 1867-1907
Principal Investigator: K. Maria D. Lane
American Association of University Women – Austin Branch Fellowship
Submitted March 2003 (\$2,000, not funded)
- Geographic Representations of the Planet Mars, 1867-1907
Principal Investigator: K. Maria D. Lane
AAG Historical Geography Specialty Group, Student Research Awards
Submitted November 2002 (\$3,295, not funded)

Ph.D. Committee Advisement

- Ramona Malczynski (in progress since fall 2020)
- Javier Astorga Villaruel (Latin American Studies, in progress since fall 2017): critical cartography of presidios in Spanish colonial maps
- Natali Cáceres Arteaga (Latin American Studies, 2020): gender impacts of climate change adaptation policies and programs in rural highland communities, Ecuador
- Neil Michael Ayala, (Latin American Studies, 2020): stakeholder responses to agroecology knowledge-exchange programs in rural highland communities, Ecuador

Ph.D. Committee Service

- Daniel Beene (GES, in progress since fall 2020): critical physical geography, social and environmental determinants of health in Indigenous communities
- Fausto Rodriquez (Civil Engineering, in progress): transportation planning and infrastructure in metropolitan Quito, Ecuador
- Sandra Arazi-Coombs (Anthropology, in progress): SW community access to fuel resources
- Martina Nebbiai (Latin American Studies, 2020): political ecology of water resources management planning in Ecuador
- Ursula Freire Castro (Latin American Studies, 2019): historical conceptions of the relationship between climate and humans, as expressed in the built environment
- Morgan, Brandon (History, 2013): violence and settlement in U.S./Mexico borderlands

M.S. Geography Advisement

- Loggins, Desiree (in progress since fall 2020): community-based water governance
- Scala, Joe (in progress since fall 2020): modeling frameworks for urban forestry policy
- Paskus, Laura (in progress since fall 2017): historical geography of Rio Grande infrastructure
- Pepper, Shannon (2021): tamarisk management in northern Mexico
- Ladwig, Laurel (2020): recruitment of citizen science project participants
- Pedrick, Hayley (Latin American Studies, 2019): landscapes of trauma/memory in Colombia
- Brock, Courtney (2018): urban animal geographies
- Diller, Susanna (2017): fountains in the urban landscape
- Faris, Tina (2016): assessment of Integrated Water Resources Management in Latin America
- Healy, Alissa (2016): comparison of remote sensing methods to detect archaeological sites
- Maynard, Greg (2016): GIS modeling for road maintenance priority planning
- Callahan, Peter (2015): energy resource management
- Chavez, Veronica (2015): community development in New Mexico
- Haft, Sarah (2014): blue carbon conservation analysis for mangrove forests in Madagascar
- Keyes, George (2012): historical GIS of Civil War campaigns in New Mexico
- Allison, Peggy (2010): cartographic construction of the Mt. Taylor Traditional Cultural Property

M.S. Geography Committee Service

- Marissa Heller (expected 2022)
- Roald Kern (expected 2022)
- Johna Schoenherr (Secondary Ed. 2021): pedagogical strategies for remote learning
- Ceorl (Water Resources, 2020): water management frameworks
- Mueller, Kristian (2019): user perception of topographic representation
- Nixon, Isaiah (2019): spatial analysis of religious communities
- Hajic, Hayley (2018): sources of water contamination in the Santa Fe River watershed
- Work, Jeremy (since fall 2016, on leave 2017): urban geography, surveillance
- Long, Kristen (2017): urban sprawl, protected areas
- Wolff, Jacob (2017): urban geography and planning
- Russell, Aaron (2017): renewable energy, environmental communication
- Jordan Stone (2017): emotional geography, resource management
- Jordy Hicks (2017): recreational impacts on Albuquerque's urban riparian zone
- Thommy Thompson (2016): land use / land cover change in the Valles Caldera, NM
- Valdez, Roberto (2015): culture and toponymy in northern New Mexico
- Ainsworth, Imogen (2013): water conservation behavior in Albuquerque, NM
- Lawler, Mark (2013): resilience-based management approaches in NM
- Maxwell, William (2013): agriculture in peasant settlements in northeastern Brazil
- Blumhoefer, Molly (Water Resources, 2012): stormwater management in Albuquerque, NM
- Byszewski, Berenika (American Studies, 2011): colonial mapping of Southwestern antiquity
- Mitchell, Destiny (2010): settlement history of Sierra County, New Mexico
- Yepa, Byron (2009): landscape change in the Jemez River Basin, NM
- Tribby, Calvin (2009): transportation equity and rapid bus transit in Albuquerque, NM
- Carlsen, Eric (2008): network analysis of Albuquerque transportation systems
- Snyder, Jason (2008): network analysis of food deserts in Albuquerque, NM
- Havens, Joanna Dey (2008): land use / cover change in the Middle Rio Grande Valley
- Jones, Troy (2008): land use / land cover effects on mosquito production in California
- Edelen, Mary Tessa (2007): relationship of food labels to consumer choice
- Hawkos, Kathleen (2007): political geography of management area boundaries

Graduate Assistantships Supervised

- 2021-22: Desiree Loggins, Research Assistant, funded by Advance@UNM
- 2021 summer
 - Desiree Loggins, Research Assistant, funded by NPS-National Trails
 - Joe Scala, Research Assistant, funded by Center for Community Geography
- 2021 spring
 - Camilio Calabaza, Research Assistant, funded by Center for Community Geography
 - Desiree Loggins, Research Assistant, funded by NPS-National Trails
- 2020 fall: Desiree Loggins, Research Assistant, funded by UNM College of Arts & Sciences
- 2020 spring: Aron Roberts, Research Assistant, funded by UNM College of Arts & Sciences
- 2019 summer/fall: Laura Paskus, Research Assistant, funded by Advance @ UNM
- 2019 spring
 - Hayley Pedrick, Research Assistant, funded by Advance @ UNM
 - Laura Paskus, Research Assistant, funded by UNM College of Arts & Sciences
- 2018 fall
 - Kristian Mueller, Teaching Assistant, funded by UNM College of Arts & Sciences
 - Laura Paskus, Research Assistant, funded by UNM College of Arts & Sciences
- 2018 spring
 - Hayley Pedrick, Research Assistant, funded by Research Allocation Committee
 - Laura Paskus, Research Assistant, funded by UNM College of Arts & Sciences
- 2017 fall
 - Kristian Mueller, Teaching Assistant, funded by UNM College of Arts & Sciences
 - Hayley Hajic, Editorial Assistant, funded by *Historical Geography* journal
 - Laura Paskus, Research Assistant, funded by UNM College of Arts & Sciences
- 2017 summer
 - Hayley Hajic, Editorial Assistant, funded by *Historical Geography* journal
 - Courtney Brock, Research Assistant, funded by National Park Service
- 2017 spring
 - Hanes Motsinger, Teaching Assistant, funded by UNM College of Arts & Sciences
 - Natali Cáceres, Research Assistant, funded by UNM College of Arts & Sciences
 - Courtney Brock, Research Assistant, funded by National Park Service
- 2016 fall
 - Hanes Motsinger, Teaching Assistant, funded by UNM College of Arts & Sciences
 - Courtney Brock, Research Assistant, funded by National Park Service
 - Jeremy Work, Research Assistant, funded by UNM College of Arts & Sciences
 - Courtney Brock, Editorial Assistant, funded by *Historical Geography* journal
- 2016 summer: Will Brewer, Research Assistant, funded by National Park Service
- 2015-16
 - Akashia Allen, Research Assistant, funded by National Park Service
 - Jordan Stone, Research Assistant, funded by UNM College of Arts & Sciences
 - Jeremy Work, Teaching Assistant, funded by UNM College of Arts & Sciences
 - Tina Faris, Editorial Assistant, funded by *Historical Geography* journal
- 2014-15
 - Willard Hunter, Research Assistant, funded by UNM College of Arts & Sciences
 - Tina Faris, Editorial Assistant, funded by *Historical Geography* journal
- 2013-14: Imogen Ainsworth, Editorial Assistant, funded by *Historical Geography* journal
- 2009-10: Molly Padgett, Research Assistant, funded by National Science Foundation
- 2008-09: Brandon Morgan, Research Assistant, funded by National Science Foundation

Bachelor's Honors Thesis Supervised

- Raymond Andrew Priest (2017-2019 dnf): border landscapes, environmental security

Bachelor's Honors Committees in Geography

- Isaiah Nixon (B.A. 2014): Geography education in the college prep setting
- Summer Wood (B.A. 2009): sense of place and community-based mapping in northern NM

Undergraduate Student Mentoring

- Johna Schoenherr (B.A. Geography 2016): gender and climate change
- Tim Shaw (B.A. Geography 2010): historical-geographical analysis of forest management practices and priorities in central New Mexico's near-urban forests
- Molly Blumhoefer (B.A. Planning 2010): research on the history of irrigation engineering in northern New Mexico
- Jennifer McCabe (B.A. University Studies 2009): legal analysis of historical water-related statutes in New Mexico

Undergraduate Assistantships Supervised

- 2010-11, John Schwarting, Research Assistant, funded by National Science Foundation
- 2010-11, Jared Masegee, Research Assistant, funded by National Science Foundation
- 2009-10, Jennifer McCabe, Research Assistant, funded by National Science Foundation
- 2008-09, Molly Blumhoefer, Research Assistant, funded by National Science Foundation

Classroom Courses Taught at University of New Mexico, by semester

2021 Fall	Senior Geography Capstone	GEOG 471	6 students
2021 Fall	Professional Geographic Practice	GEOG 603	9 students
2021 Spring	World Regions	GEOG1175	123 students
2021 Spring	Critical Cartography	GEOG 445	8 students
2020 Fall	Intro to Geography Theory and Application	GEOG 601	7 students
2020 Fall	Geographic History and Methods	GEOG 501	8 students
2019-2020	<i>Academic Year sabbatical</i>		
2019 Spring	Approaches to Geographic Research	GEOG 502	4 students
2018 Fall	World of Beer	GEOG 180	42 students
2018 Spring	Topics: Environmental Security	GEOG 499	4 students
2018 Spring	Approaches to Geographic Research	GEOG 502	13 students
2017 Fall	World of Beer	GEOG 180	138 students
2017 Spring	Approaches to Geographic Research	GEOG 502	6 students
2016 Fall	World Regional Geography	GEOG 140	125 students
2016 Spring	Approaches to Geographic Research	GEOG 502	11 students
2015 Fall	World Regional Geography	GEOG 140	120 students
2015 Spring	Approaches to Geographic Research	GEOG 502	9 students
2014 Fall	<i>Administrative leave</i>		
2014 Spring	World Regional Geography	GEOG 140	72 students
2014 Spring	Approaches to Geographic Research	GEOG 502	9 students
2013 Fall	<i>Semester sabbatical</i>		
2013 Spring	World Regional Geography	GEOG 140	52 students
2013 Spring	Approaches to Geographic Research	GEOG 502	8 students
2012 Fall	World Regional Geography	GEOG 140	39 students

2012 Fall	Geography of New Mexico and the Southwest	GEOG 445	17 students
2012 Spring	World Regional Geography	GEOG 140	52 students
2012 Spring	Approaches to Geographic Research	GEOG 502	15 students
2011 Fall	<i>Family leave</i>		
2011 Spring	World Regional Geography (modified schedule)	GEOG 140	17 students
2011 Spring	Approaches to Geographic Research	GEOG 502	4 students
2010 Fall	<i>Research semester</i>		
2010 Spring	Approaches to Geographic Research	GEOG 502	3 students
2010 Spring	Geography of New Mexico and the Southwest	GEOG 445	25 students
2009 Fall	<i>Family leave</i>		
2009 Spring	Environmental Issues Seminar	GEOG 504	7 students
2009 Spring	Geography of the Southwest	GEOG 345	24 students
2008 Fall	Seminar: Geography of the Southwest	GEOG 545	11 students
2008 Fall	World Regional Geography	GEOG 140	40 students
2008 Spring	Geography of the Southwest	GEOG 345	20 students
2008 Spring	Geography of New Mexico and the Southwest	GEOG 499	2 students
2008 Spring	Physical Geography	GEOG 101	130 students
2007 Fall	World Regional Geography	GEOG 140	45 students
2007 Spring	World Regional Geography	GEOG 140	18 students
2007 Spring	Physical Geography	GEOG 101	130 students
2006 Fall	World Regional Geography	GEOG 140	18 students
2006 Fall	Physical Geography	GEOG 101	45 students

Arranged Courses Taught at University of New Mexico, by semester

2021 Summer	Problems (Readings: Critical Cartography)	GEOG591	1 student
2021 Spring	Internship	GEOG593	1 student
2021 Spring	Thesis	GEOG599	2 students
2021 Spring	Dissertation	LTAM699	1 student
2020 Fall	Thesis	GEOG599	2 students
2020 Fall	Dissertation	LTAM699	1 student
2020 Spring	Thesis	GEOG599	2 students
2020 Spring	Dissertation	LTAM699	3 students
2019 Fall	Thesis	GEOG599	2 students
2019 Fall	Dissertation	LTAM699	3 students
2019 Summer	Dissertation	LTAM699	2 students
2019 Spring	Thesis	GEOG599	2 students
2019 Spring	Project (Publishing in Cultural Geography)	GEOG597	1 student
2019 Spring	Dissertation	LTAM699	3 students
2019 Spring	Problems (Readings: Critical Physical Geog.)	GEOG591	1 student
2018 Fall	Thesis	GEOG599	1 student
2018 Fall	Dissertation	LTAM699	2 students
2018 Fall	Problems (Project: American West narratives)	GEOG491	1 student
2018 Fall	Problems (Project: Sites of Memory in Colombia)	GEOG591	1 student
2018 Fall	Problems (Project: Alcohol in Latin America)	GEOG591	1 student
2018 Fall	Problems (Readings: Critical Cartography)	GEOG591	5 students
2018 Summer	Thesis	GEGO599	1 student
2018 Spring	Problems (Project: American West narratives)	GEOG491	1 student
2018 Spring	Thesis	GEGO599	1 student

2018 Spring	Dissertation	LTAM699	2 students
2017 Fall	Problems (Readings: Border Environments)	GEOG491	1 student
2017 Fall	Thesis	GEGO599	1 student
2017 Fall	Dissertation	LTAM699	2 students
2017 Spring	Problems (Project: Land Management)	GEOG591	1 student
2017 Spring	Thesis	GEGO599	1 student
2017 Spring	Dissertation	LTAM699	2 students
2016 Summer	Problems (Readings: Political Ecology & Gender)	GEOG 591	1 student
2016 Spring	Problems (Project: Gender and Climate Change)	GEOG 491	1 student
2016 Spring	Problems (Readings: Historical Geog of Science)	GEOG 591	1 student
2016 Spring	Problems (Readings: Space and Place)	GEOG 591	4 students
2016 Spring	Internship (GIS & trails planning)	GEOG 593	1 student
2016 Spring	Master's Project (Road Prioritization Modeling)	GEOG 597	1 student
2016 Spring	Thesis	GEOG 599	2 students
2015 Fall	Internship (GIS & trails planning)	GEOG 593	1 student
2015 Fall	Master's Project (Community Development)	GEOG 597	1 student
2015 Fall	Thesis	GEOG 599	2 students
2014 Fall	Master's Project (Renewable Energy Incentives)	GEOG 597	1 student
2014 Spring	Internship	GEOG 593	1 student
2013 Spring	Internship (Conservation GIS in Nepal)	GEOG 593	1 student
2012 Spring	Problems (Project: Historical GIS)	GEOG 591	1 student
2011 Summer	Thesis	GEOG 599	1 student
2011 Spring	Thesis	GEOG 599	2 students
2010 Fall	Thesis	GEOG 599	2 students
2010 Summer	Problems (Project: Historical Geography)	GEOG 491	1 student
2010 Summer	Thesis	GEOG 599	1 student
2010 Spring	Problems (Readings: Critical Cartography)	GEOG 591	1 student
2010 Spring	Thesis	GEOG 599	2 students
2009 Fall	Thesis	GEOG 599	3 students
2009 Summer	Internship (Teaching Geography)	GEOG 494	1 student
2009 Summer	Problems (Project: Legal Geography)	GEOG 491	1 student
2009 Spring	Internship	GEOG 594	1 student
2009 Spring	Problems (Readings: Place and Identity)	GEOG 591	1 student
2008 Fall	Problems (Project: Environmental Geography)	GEOG 591	1 student

Curriculum Development or Teaching Administrative Positions

2021-22, Implementation Faculty Fellow, Student Experience Project, University of New Mexico: year-long participation with a community of practice focused on improving student experience, engagement, and retention

2018-19, Core Curriculum Faculty Fellows Program (funded), University of New Mexico: year-long participation with a community of practice in "Global Awareness" as an area of high engagement

2012, Primary author for successful proposal to develop a study-abroad course (GEOG302: Regional Geography)

2011, Primary author for successful proposal to add GEOG140 (World Regional Geography) to the UNM General Education core curriculum

2010-2011, Departmental committee to revise capstone course for B.A. and B.S. programs

2008-2009, Departmental committee for curriculum and lab manual revision for GEOG105L

2007-2008, Departmental committee for revision of B.A. curriculum and program

2007-2008, Departmental committee for revision of M.S. curriculum and program

Professional Development

- 4/2021, “Writing Retreat Facilitation” training, 2-day workshop, hosted by Anchorage Educational Services [virtual].
- 8/2019, “Women in Leadership” training, 6-hour seminar series, hosted by Advance at UNM.
- 1/2019, Community Geography Workshop Fellow (funded), 3-day workshop hosted by University of Georgia Community Mapping Lab, Atlanta.
- 4/2018, Pedagogical Conference, “Native American Pedagogies,” 1-day conference hosted by UNM Division of Equity and Inclusion, with the Center for Teaching Excellence.
- 4/2018, Faculty Workshop, “Bystander Intervention Training,” 2-hour workshop hosted by Advance at UNM.
- 4/2016, Faculty Workshop, “Complex Listening,” 1.5-hour workshop hosted by the Office of Ombuds/Dispute Resolution Services for Faculty, UNM.
- 2/2015, Faculty Workshop, “Communication Under Stress,” One-hour workshop hosted by the Office of Ombuds/Dispute Resolution Services for Faculty, UNM.
- 2014-15, Participant, “Academic Leadership Workshops” series. Year-long leadership development initiative hosted by the University of New Mexico Office of the Provost / EVP for Academic Affairs.
- 10/2014, Faculty Workshop: “Difficult Conversations.” One-hour workshop hosted by the Office of Ombuds/Dispute Resolution Services for Faculty, UNM.
- 3/2014, Faculty Workshop: “Facilitation for Results.” Two-hour workshop hosted by the Office of Ombuds/Dispute Resolution Services for Faculty, UNM.
- 2014, Participant, “Learning Studio Community of Practice.” Semester-long participation in classroom observations and peer meetings with other faculty members who teach in the learning studio classroom environments at UNM.
- 11/2013, Faculty Workshop: “What does ‘professionalism’ mean? And how to make sense of ‘unprofessionalism’?” Two-hour workshop hosted by the Office of Ombuds/Dispute Resolution Services for Faculty, UNM.
- 6/2013, Leadership Workshop: “Innovations in Master’s Programs: Changes, Challenges, and Strategies for the Future.” Two-day residential workshop hosted by the Association of American Geographers’ Healthy Departments Initiative (Boulder, CO).
- 2012-13, Faculty Institute: “Intersections of Culture, Teaching, and Learning.” Year-long faculty development initiative jointly hosted by the University of New Mexico and Northern Arizona University.
- 2/2013, Faculty Workshop: “Getting Students to Focus on Learning Instead of Grades.” Two-hour workshop hosted by the UNM Office of Support for Effective Teaching.
- 9/2012, Faculty Workshop: “Pulling it all Together and Getting Students to Really Discuss.” Two-hour workshop hosted by the UNM Office of Support for Effective Teaching.
- 8/2012, Faculty Institute, “Integration of Culture and Learning.” Two-day institute hosted by the UNM Office of Support for Effective Teaching.
- 3/2012, Faculty Workshop: “Let’s Go International.” Two-hour workshop hosted by the UNM Office of Support for Effective Teaching.
- 11/2011, Faculty Workshop: “Effective Classroom Teaching and Learning with Student Groups.” Two-hour workshop hosted by the UNM Office of Support for Effective Teaching.
- 9/2011, Faculty Workshop: “Teaching and Learning Across Cultures in College.” Two-hour workshop hosted by the UNM Office of Support for Effective Teaching.

- 3/2011, Faculty Workshop: “Active Learning and Critical Thinking: Methods for Any Classroom.” Two-hour workshop hosted by the UNM Office of Support for Effective Teaching.
- 2/2011, Faculty Workshop: “Designing Deep Learning Experiences for Fractal Brains.” Two-hour workshop hosted by the UNM Office of Support for Effective Teaching.
- 11/2010, Faculty Workshop: “Classroom Presentations with Prezi.™” Two-hour workshop hosted by the UNM Office of Support for Effective Teaching.
- 2/2010, Faculty Workshop: “Guaranteed Thinking: Strategies for Writing to Learn in All Disciplines.” Two-hour workshop hosted by UNM Office of Support for Effective Teaching.
- 9/2009, Faculty Workshop: “Calibrated Peer Review.” Two-hour workshop hosted by the UNM Office of Support for Effective Teaching.
- 4/2009, Faculty Workshop: “Teaching with Wikis.” Two-hour workshop hosted by the UNM Office of Support for Effective Teaching.
- 2/2009, Faculty Workshop: “Scholarly Teaching: What Does it Look Like?” Three-hour workshop hosted by the UNM Office of Support for Effective Teaching.
- 4/2008, Faculty Workshop: “Looking Beyond the Lecture: Promoting Significant Learning in Large Classes.” Three-hour workshop hosted by the American Association of Geographers: Geography Faculty Development Alliance (Boston, MA).
- 4/2008, Faculty Workshop: “Writing Measurable Program Learning Outcomes.” Two-hour workshop hosted by the UNM Office of Support for Effective Teaching.
- 3/2008, Faculty Workshop: “Strategies for Enhancing Your Course Using WebCT Vista.” Two-hour workshop hosted by the UNM Office of Support for Effective Teaching.
- 1/2008, Faculty and Instructors Institute: “Designing Courses for Effective Student Learning.” Two-day institute hosted by the UNM Office of Support for Effective Teaching.
- 11/2007, Faculty Workshop: “Responding to Diversity.” Three-hour workshop hosted by the UNM Office of Support for Effective Teaching.
- 10/2007, Faculty Workshop: “Assessing Student Work with Rubrics.” Two-hour workshop hosted by the UNM Office of Support for Effective Teaching.
- 9/2007, New Faculty Discussion Group: “What the Best College Teachers Do.” Six-week discussion group hosted by the UNM Office of Support for Effective Teaching.
- 3/2007, Faculty Workshop: “Writing Measurable Learning Outcomes.” Two-hour workshop hosted by the UNM Office of Support for Effective Teaching.
- 7/2006, Faculty Institute: “NSF Workshop for Early Career Geography Faculty.” One-week residential workshop hosted by the Association of American Geographers’ Geography Faculty Development Alliance (Boulder, CO).

Peer Reviewing for Journals and Academic Presses

- 2021 *Geoforum* (1), *Southwestern Geographer* (1), *Environment and Planning D: Society and Space* (1)
- 2019 *Historical Studies in the Natural Sciences* (1)
- 2018 *Historical Studies in the Natural Sciences* (1), *Historical Methods* (1), *Historical Geography* (2), *Journal of Historical Geography* (1)
- 2017 *Progress in Human Geography* (1)
- 2016 *Journal of Historical Geography* (1), *Isis* (1)
- 2015 University of Chicago Press (1), *Geographical Research* (1) *Journal of Historical Geography* (1)
- 2014 *Environmental History* (1), *Journal of Historical Geography* (1), University of Chicago Press (1)

- 2013 *Journal of Historical Geography* (3), *The Geographical Journal* (1), Oxford University Press (1), *cultural geographies* (1)
- 2011 University of Chicago Press (1), *Journal of Historical Geography* (2), *Historical Geography* (1), *Transactions of the Institute of British Geographers* (1)
- 2010 *Geographical Review* (1), *Historical Geography* (1)
- 2009 Springer Press (1), *Historical Geography* (1)
- 2008 *Geographical Review* (1), *Journal of Policy History* (1)

Review Panels and Proposal Reviews for Funding Agencies

- 2017 National Endowment for the Humanities, *Humanities Connections* program (17 proposals)
- 2015 National Endowment for the Humanities (1 proposal)
- 2013 Guggenheim Foundation (1 proposal)

Journal Editorial Boards

- 2018-2019, Editorial Board, *Journal of Historical Geography*
- 2018-present, 2009-2011, Editorial Board, *Historical Geography*
- 2014-present, Editorial Board, *Southwestern Geographer*

Professional Leadership

- 2019, Treasurer (elected), Southwest Division, American Association of Geographers
- 2016-present, J.B. Jackson Prize Award Committee, American Association of Geographers
- 2015-2016, Chair, Nominating Committee (elected), American Association of Geographers
- 2009-2012, Board of Directors, Historical Geography Specialty Group of the AAG
- 2003-2006, Student Rep, Historical Geography Specialty Group of the AAG

Other External Professional Service

- 2019, External reviewer and report author, Environmental Studies Department academic program review, Fort Lewis College (Durango, CO), March 24-26
- 2018, Search/review committee for book review editor, *Journal of Historical Geography*
- 2011, Judge, Student Poster Competition, Southwest Division of the AAG
- 2005, Presenter, Mellon Dissertation Fellowship Workshop, Library of Congress

Service to College and University

- 2020, Member, selection committee, UNM New Teacher of the Year competition
- 2019, Member, selection committee, UNM New Teacher of the Year competition
- 2018-2019, Faculty mentor to new assistant professor in Political Science
- 2017-2019, Chair, General Education Task Force, UNM Faculty Senate
- 2017, Mentor, Regents Scholar program
- 2016-2018, Chair, NPS National Trails Intermountain Region, Faculty Advisory Committee
- 2016-2017, Member, General Education Task Force, UNM Faculty Senate
- 2016-2017, Internal Advisory Board, UNM Global and National Security Policy Institute
- 2016, contributing author, A&S Chairs core curriculum working group
- 2015-2019, Member, Criterion Five Committee, UNM HLC Accreditation 2018-2019
- 2015-2018, Spatial Humanities Working Group
- 2015-2016, project team for NEH Next Generation Humanities PhD Implementation Grant
- 2015, Member, Sexual Assault Policy working group for field-related incidents
- 2015, Member, National Security Studies Committee, Office of the Provost

2014-2019, Member, Science Chair's Council, College of Arts & Sciences
 2014, Guest lecture, "How do Geographers Know What They Know?" to students of Prof. Daniel Sanford's University Studies course.
 2014, Planning team for NEH Challenge Grant submission
 2014, Guest lecture on research design to students of ARCH 551 (Prof. Jorge Colon)
 2013-2014, Promotion and Tenure Committee, College of Arts & Sciences, UNM
 2013-2016, Faculty mentor to new assistant professor in Earth & Planetary Sciences
 2013, Guest lecture on research design to students of ARCH 551 (Prof. Jorge Colon)
 2011-2012, Assessment Review Committee, College of Arts & Sciences, University of New Mexico
 2011, Facilitator, two-day "Course Design Institute" hosted by the Office of Support for Effective Teaching, University of New Mexico
 2010, Facilitator, two-day "Course Design Institute" hosted by the Office of Support for Effective Teaching, University of New Mexico
 2009, Contributing author, UNM statement of priority areas for NSF outreach in STEM disciplines, Hispanic-Serving Institutions Outreach Forum
 2009, Presenter, "Designing Assessment Measures," workshop hosted by the Office of Support for Effective Teaching, University of New Mexico
 2009-2010, Participant, feedback panel for ADVANCE-PAID Mentoring Program
 2008-2010, Participant, STEM Faculty Discussion Group, University of New Mexico
 2008, Presenter, "Teaching for Learning" workshop, New Faculty Orientation, University of New Mexico

Peer Review for Tenure & Promotion Dossiers

External Reviews

Promotion to Full: 2020 (2)
 Tenure & Promotion: 2018, 2020

Internal Reviews

Promotion to Full: 2018, 2020
 Tenure & Promotion: 2013, 2014, 2016
 Midprobationary: 2014, 2017, 2018, 2019, 2020

Service to Department

2021-2023, Director of Graduate Program
 2020-2022, Steering Committee, New Mexico Geography Doctoral Program
 2020-2021, Graduate admissions committee
 2020-2021, Faculty Mentor to two new assistant professors in Geography
 2020-2021, Personnel Committee
 2020-2021, Colloquium Coordinator
 2020-2021, Assessment Coordinator
 2016 (spring semester), interim Director of Graduate Program
 2015-16, Outreach Coordinator
 2015-16, faculty adviser, Student Association of Geography & Environmental Studies
 2014-15, contributor, proposal development for Ph.D. program in Geography
 2013, preliminary course design for international program in the Caribbean
 2012-13, Member, Executive Committee
 2012-2014, Director of Graduate Program
 2012-2015, Faculty Mentor to new assistant professor in Geography
 2012-2013, Member, Hiring Committee for part-time faculty appointments
 2011-2013, Convocation Ceremony Coordinator
 2007-present, Peer Evaluation of Classroom Teaching (8 written evaluations)

2008-2011, Learning Outcomes Assessment Coordinator
2009-2010, Departmental Chair Search Committee
2008-2009, Departmental Chair Search Committee
2007-2008, Primary Author, Department-Wide Plan for Learning Outcomes Assessment
2007-2008, Contributing Author, Departmental Self-Study for Academic Program Review
2007-2008, Member, Faculty Search Committee
2006-2007, Primary Author, Learning Outcomes Assessment Pilot and Plan for GEOG 101

Service to Community

2013, guest speaker, Zia Elementary School, Albuquerque, NM
2012, guest speaker, Esther Bone Memorial Library, Rio Rancho, NM
2011, guest speaker, Albuquerque Science Fiction Society
2011, guest speaker, Ghost Ranch “Service Learning in the Southwest” program, Abiquiu, NM
2011, guest speaker, Zia Elementary School, Albuquerque, NM
2009-present, member, U.Va. Club of Albuquerque
2007-2008, Judge, New Mexico State Geographic Bee
1997-1998, Chairman, Naples Bay Project Committee Task Force, Naples, FL
1996-present, Executive Board, Gene Doyle Adventure Scholarships, Naples, FL

Affiliations

Society of Women Geographers, 2019-present
National Council of Geographic Education, 2015-present
New Mexico Geographic Alliance, 2015-present
American Association of Geographers, 2000-present

Non-Academic Employment

2000-2005, Cartographer, Academic Cartography Services, Austin, TX
2000, Intern, Texas Parks and Wildlife Department, Austin, TX
1999, Property Tax Researcher, Robert Mugerauer Ecological Design, Austin, TX
1998-1999, Research Assistant, National Park Service, Austin, TX
1997-1998, Marketing Director, Agnoli, Barber and Brundage, Inc., Naples, FL
1996, Marketing Coordinator, Weihe Partnership / Weihe Interiors, Washington, DC
1995, Project Assistant, Organization of American States, Department of Regional Development and Environment: Natural Hazards Project, Washington, DC