

# Jeffrey Michael Widener

Updated: July 2018

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## Work:

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## Research and Teaching Interests

### *General*

American West, Geospatial Technologies, Nature and Society Relations, Political Ecology, Resilience, Sustainability, and Geo-literacy and Sustainability Education

### *Specific*

American Southwest, Cartography, Community Resilience and Sustainability Systems, Digital Humanities and Geovisualization, Environmental and Social Justice, Heritage Tourism, Land Use, Place Attachment and Emotive Geographies, Processes of Cultural Landscape Change, Public Geographies, Qualitative GIS, Race, Place, and Ethnicity; Geo-literacy and Sustainability Pedagogy in K-12 and Higher Education

## Education

2015: Ph.D. in Geography and Environmental Sustainability: The University of Oklahoma, Norman (six hours in Regional City Planning)

*Dissertation:* "Holding True: Agriculture in Colorado's Upper Grand Valley"  
Advisors: Dr. Fred Shelley and Dr. Richard Nostrand

2010: M.A. in History: University of Central Oklahoma, Edmond (six hours in Geography)

*Thesis:* "The Latinization of Oklahoma: Case Studies on Oklahoma City, Tulsa, and Guymon"  
Advisor: Dr. Douglas A. Hurt

2008: B.A. in Geography, B.A. in History, Minor in Humanities: University of Central Oklahoma, Edmond.

## Teaching and Research Experience

Director, Center for Spatial Analysis, Department of Geography and Environmental Sustainability—University of Oklahoma, Norman, January 2018-Present.

Associate Professor, Department of Geography and Environmental Sustainability—  
University of Oklahoma, Norman, January 2018-Present.

Courses developed and taught:

- GEOG 1103: Human Geography (Fall 2018)
- GEOG 2603: World Regional Geography (one section)
- GIS 2013: Geospatial Technology and Society (two sections)
- GIS 2023: Introduction to Spatial Thinking and Computer Mapping (11 sections)
- GIS 3440: Mentored Research Experience (one section)
- GIS 4013/5013: Fundamentals of GIS (two sections)
- GIS 4200: Internship in Geoinformatics (one section)
- GEOG 4990: Independent Study (one section)
- GEOG 5990: Selected Studies in Geography (one section)
- GEOG 6950: Research Problems in Geography (one section)

Assistant Professor of Bibliography, Geospatial Information Systems (GIS) Librarian—  
University of Oklahoma, Norman, May 2013-December 2017.

Lecturer in Geography and Environmental Sustainability—University of Oklahoma,  
Norman, January 2014-December 2017.

Institute Co-coordinator—"Water: More Precious Than Gold." Oklahoma Alliance for  
Geographic Education, Norman, July 2015.

Institute Co-coordinator—"Cruisin' Kaw to Catoosa: An Arkansas River Field Study."  
Oklahoma Alliance for Geographic Education, Norman, July 2014.

Geographer in Residence—"Culture, Cuisine, and Computers." Oklahoma Alliance for  
Geographic Education, Norman, June 2014.

Institute Co-coordinator—"Rocky Roads and Resources." Oklahoma Alliance for  
Geographic Education, Norman, July 2013.

Adjunct Instructor in Geography—University of Central Oklahoma, Edmond, June 2010-  
May 2013.

Courses developed and taught:

- GEOG 1103: Introduction to Geography (four sections)
- GEOG 2303: World Regional Geography (five sections [four online sections])

Qualified Graduate Teaching Assistant—Department of Geography and Environmental  
Sustainability, University of Oklahoma, Norman, August 2010-May 2013.

Lab sections developed and taught:

- GEOG 1103: Human Geography (eight sections)
- GEOG 1114: Physical Geography (six sections)

- GEOG 4453/5453: Introduction to GIS (two sections)

Part-time Lecturer in Geography—Pittsburg State University, Pittsburg, Kansas, August 2012-November 2012.

Course developed and taught:

- GEOG 106: World Regional Geography (one section [taught in Asunción, Paraguay])

Institute Co-coordinator—“The Nitty Gritty City: Becoming an Urban Geo-Detective,” Oklahoma Alliance for Geographic Education, Norman, June 2012.

Geographer-in-Residence—“See the U.S.A. the OKAGE Way: Southwestern Oklahoma,” Oklahoma Alliance for Geographic Education, Norman, June 2012.

Geographer-in-Residence—“See the U.S.A. the OKAGE Way: Northeastern Oklahoma,” Oklahoma Alliance for Geographic Education, Norman, June 2011.

Teaching Assistant—Department of History and Geography, University of Central Oklahoma, Edmond, January 2009-June 2010.

Adjunct Coordinator-Spring 2009; Historical Research (three sections)

Graduate Research Assistant— Dr. Douglas Hurt (Associate Professor of Geography), University of Central Oklahoma, Edmond, January 2009-May 2010.

Graduate Research Assistant—Dr. Jessica Sheetz-Nguyen (Associate Professor of History), University of Central Oklahoma, Edmond, August 2009-January 2010.

Graduate Research Assistant—Dr. Jessica Sheetz-Nguyen (Associate Professor of History) and Dr. Randall Ice (Professor of Finance), University of Central Oklahoma, Edmond, July 2009-August 2009. [Assisted with archival research in the British Library, London Metropolitan Archives, and Guildhall Library in London, England and in the National Archives of Ireland, Dublin].

Tutor—History and Geography Department, University of Central Oklahoma, Edmond, January 2007-January 2009.

Undergraduate Research Assistant—Dr. Douglas Hurt (Associate Professor of Geography), University of Central Oklahoma, Edmond, August 2008-December 2008.

GIS Research Assistant—Dr. Rashi Shukla (Associate Professor of Criminal Justice), University of Central Oklahoma, Edmond, January 2008-March 2008.

### **Professional Experience**

Geographic Information System (GIS) Consultant—Self-employed, May 2010-Present.

GIS Program Specialist—Urban Redevelopment Division, Planning Department, City of Oklahoma City, February 2008-May 2010.

Supervisor—Academy Sports and Outdoors, Edmond, OK, September 2005-September 2008.

Library Technician—Government Documents, Chambers Library, University of Central Oklahoma, Edmond, February 2008-June 2008.

### **Publications**

(\* denotes student author)

#### **Articles**

*In Preparation.* "Impacts of Environmental Change and Conjunctive Water Use on Agriculture in the Colorado River Basin: An Upper Basin Case Study." *Agriculture and Human Values*.

*Submitted.* "The Geography Fieldwork Imperative: Strategies for Designing K-12 Field Experiences." *International Research in Geographical and Environmental Education* (Coauthored with Douglas A. Hurt and Gary Gress).

2018. "ESRD and ESRD-DM Associated with Lignite-Containing Aquifers in the U.S. Gulf Coast Region of Arkansas, Louisiana, and Texas." *International Journal of Hygiene and Environmental Health* 221, no. 6: 958-966 (Coauthored with Ann S. Ojeda\*, Christopher E. Aston, and R. Paul Philp). doi.org/10.1016/j.ijheh.2018.05.002

2017. "Visualizing Dynamic Capabilities as Adaptive Capacity for Municipal Water Governance," *Sustainability Science* 12, no. 2: 203-219 (Coauthored with Travis Gliedt and Preston Hartman\*). doi:10.1007/s11625-016-0408-y

2016. "Mapping an American College Town: Integrating Archival Resources and Research in an Introductory GIS Course," *Journal of Map and Geography Libraries* 12, no. 3: 238-257 (Coauthored with Jacquelyn Slater Reese).

2016. "Dynamic Capabilities for Water System Transition in Oklahoma," *Environmental Innovation and Societal Transitions*, DOI 10.1016/j.eist.2016.12.004 (Coauthored with Travis Gliedt, Preston Hartman\*, and Rebecca Loraamm).

2016. "Assessing Sustainability Teaching in Geography Education," *International Journal of Sustainability in Higher Education* 17, no. 5: 698-718 (Coauthored with Travis Gliedt and Ashlee Tziganuk\*).

2015: "Valles Caldera: Preserving the 'Yellowstone of the Southwest'," *Journal of the Southwest* 57, no. 4: 583-608.

2015. "A Fountain in the Desert: Heritage and Water Wrangling on Colorado's Western Slope," *Arid: A Journal of Desert Art, Design and Ecology*.
2015. "Water-Conveyance Technology and the Preservation of Agriculture in Colorado's Orchard Mesa Irrigation District," *Material Culture* 47, no. 1 (Special Issue on "Technology"): 32-57.
2015. "Our Place on the Map," *Journal of Map & Geography Libraries* 11, no. 1: 91-98.
2014. "Material Ecology and the Culture of Resort Re-Development on Cozumel," *Material Culture* 46, no. 2: 21-42.
2014. "Building Interdisciplinarity into Teaching: A Dream Course on Sustainability and Global Environmental Change," *Resilience: A Journal of the Environmental Humanities* 1, no. 3 (Special issue on "Pedagogy"): [http://www.jstor.org/stable/10.5250/resilience.1.3.003] (Coauthored with Travis Gliedt).
2014. "The Starbucks Experience: Percolations from Mexico and the US," *Illinois Geographer* 55, no. 2: 17-42. (Coauthored with Douglas A. Hurt)
2013. "'Hard to Compare to Anyone but Himself:' Alfalfa William Murray and His Advance in Oklahoma History." *Heritage of the Great Plains* 45, no. 2: 42-52.
2012. "From Bard to Speculator: Alexander Lawrence Posey and the Muscogee Nation, 1902-08." *The Chronicles of Oklahoma* 90, no. 1: 4-27.
2011. "The Process of Latinization on Tulsa, Oklahoma's Cultural Landscape," *Southwestern Geographer* 15: 38-61.
2011. "The Latino Impress in Oklahoma City," *The Chronicles of Oklahoma* 89, no. 1: 22-51.
2010. "The Sooner State Has Winescapes: The Development and Culture of Winemaking in Oklahoma," *Material Culture* 42, no. 2: 50-74.
2010. "A Political Quagmire within the Oklahoma Wine Industry," *Oklahoma Politics* 20: 113-26.
2009. "Urbanization versus Historic Preservation: Xi'an, China in the 21<sup>st</sup> Century," *American Review of China Studies* 10, no. 1: 25-36.
2008. "From General to Diplomat: The Success and Failure of George C. Marshall's Mission to China after World War II," *American Review of China Studies* 8, no. 2, and 9 no. 1: 15-30.

### **Book Chapter**

2017. "Beyond Embedded Librarianship: Co-Teaching with Faculty to Integrate Digital Scholarship in Undergraduate Research." In *Undergraduate Research and the Academic Librarian: Case Studies & Best Practices*, edited by Stephanie Davis-Kahl and Merinda Kaye Hensley, pp. 1-17. Chicago: Association of College and Research Libraries (Coauthored with Sarah Clayton).

### **Encyclopedia Entries**

2012. "Breweries," in *The Encyclopedia of Arkansas History and Culture*.  
[<http://encyclopediaofarkansas.net/encyclopedia/entry-detail.aspx?entryID=5001>].
2011. "Operation Rio Grande," *Anti-Immigration in the United States: A Historical Encyclopedia*, edited by Kathleen Arnold, Santa Barbara, CA: ABC-CLIO.
2011. "Operation Streamline," *Anti-Immigration in the United States: A Historical Encyclopedia*, edited by Kathleen Arnold, Santa Barbara, CA: ABC-CLIO.
2011. "Wiederkehr Weinfest." In *The Encyclopedia of Arkansas History and Culture*.  
[<http://encyclopediaofarkansas.net/encyclopedia/entry-detail.aspx?entryID=4405>].

### **Book Reviews**

2016. Wyckoff, William. *How to Read the American West: A Field Guide*. Seattle: University of Washington Press. In *Journal of Historical Geography* 53: 119.
2014. Campbell, Jonathan and Michael Shin. *Essentials of Geographic Information Systems*. In *Open Textbook Library* (University of Minnesota),  
[<http://open.umn.edu/opentextbooks/BookDetail.aspx?bookId=67>].
2013. Lukens, Patrick D. *A Quiet Victory for Latino Rights: FDR and the Controversy Over "Whiteness."* Tucson: University of Arizona Press. In *The Chronicles of Oklahoma*, 91, no. 1: 105-107.
2012. Wohl, Ellen. 2009. *Island of Grass*. Boulder: Colorado University Press. In *Material Culture* 44, no. 2: 71-73.

### **Cartography, Photographs, and Other Published Creative Activities**

2016. "Papyri Data per Site." In "People, Plagues, and Prices in the Roman World: The Evidence from Egypt," p. 811, by K. Harper, *Journal of Economic History* 76, no. 3: 803-839.

2016. "Medieval University Foundations." In "The Medieval University," by S. Livesey, *A Companion to the History of Science*, p. 190, edited by Bernard Lightman. Oxford: John Wiley & Sons: 181-195.
2015. *The History of Irrigation in Palisade and East Orchard Mesa, Colorado* (Contributor with Paul H. Bardell, Jr.). Edited by Priscilla Walker. Palisade, CO: Palisade Historical Society.
2015. "Water Utilities in Oklahoma Possessing Dynamic Capabilities Better Suited for Innovation," *Southern Climate Impacts Planning Program Annual Report, 2015*, (Coauthored with Travis Gliedt and Preston Hartman\*).
2015. Cover photo and caption. *Material Culture* 47, no. 1, Special Issue on "Technology."
2014. "Gridiron Geography: Week 14 Games." *The Oklahoman: Newspapers in Education*, September.
2014. "Gridiron Geography: Week 2 Games." *The Oklahoman: Newspapers in Education*, September.
2013. "Gridiron Geography: Week 14 Games." *The Oklahoman: Newspapers in Education*, September.
2013. "Gridiron Geography: Week 12 Games." *The Oklahoman: Newspapers in Education*, September.
2010. Li, Xiaobing. *Civil Liberties in China*. Santa Barbara, CA: ABC-CLIO. [Created fifteen cartographic illustrations for *Civil Liberties in China*].
2010. Li, Xiaobing. *Voices from the Vietnam War: Stories from American, Asian, and Russian Veterans*, Lexington: University of Kentucky Press. [Created eleven cartographic illustrations for *Voices from the Vietnam War*].
2010. "Tulsa, OK: Latinization Case Study," *Past Place* 19, no. 1: 14-15.
2009. "Bricktown Canal: After" (photograph), in Woods, Coleman, "Oklahoma City's Bold Future," *Texas Real Estate Business*, July. [<http://www.texasrebusiness.com/articles/JUL09/images/Bricktown-Canal---after.jpg>].
2009. "El Cerrito, New Mexico: La reconstrucción de un espacio del comunitario," *New Plains Review* (Spring): 112-13.

## ***Curriculum Materials***

2015. *Water: More Precious Than Gold* (Field-Guide). Norman: The University of Oklahoma, Oklahoma Alliance for Geographic Education (Coauthored with Monica Demig and Gary Gress).
2014. *Cruisin' Kaw to Catoosa: An Arkansas River Field Study* (Field-Guide). Norman: The University of Oklahoma, Oklahoma Alliance for Geographic Education (Coauthored with Gary Gress).
2013. *Rocky Roads and Resources* (Field-Guide). Norman: University of Oklahoma, Oklahoma Alliance for Geographic Education (Coauthored with Gary Gress).
2012. *The Nitty Gritty City: Becoming an Urban Geo-Detective* (Field-Guide). Norman: University of Oklahoma, Oklahoma Alliance for Geographic Education (Coauthored with Gary Gress).
2010. *Northeast Oklahoma Field Trip Guide*. Edmond: University of Central Oklahoma, Department of History and Geography (Coauthored with Traci Ferguson, Sharon Kelting, and Douglas A. Hurt).
2009. *South-Central Oklahoma Field Trip Guide*. Edmond: University of Central Oklahoma, Department of History and Geography (Coauthored with Douglas A. Hurt).
2009. *Oklahoma Panhandle Field Trip Guide*. Edmond: University of Central Oklahoma, Department of History and Geography (Coauthored with Ajax Delvecki, Traci Ferguson, Sharon Kelting, and Douglas A. Hurt).
2008. *Southeastern Oklahoma Field Trip Guide*. Edmond: University of Central Oklahoma, Department of History and Geography (Coauthored with Ajax Delvecki, Salena Etzler, Sharon Kelting, and Douglas A. Hurt).

## **Presentations and Conference Participation**

- "Integrating Environmental Sustainability into Geography: Lessons from the University of Oklahoma," American Association of Geographers Conference, New Orleans, LA, April 2018 (Coauthored with Travis Gliedt and Ashlee Tziganuk).
- "Water Policy, Drought, and the Shaping of an Agricultural Region in the Intermountain West," International Society for Landscape, Place, and Material Culture Conference, Salt Lake City, UT, October 2017.



- “Perceptions of Neighborhood Historic Preservation and Energy Efficiency in an American College Town, Southwestern American Association of Geographers Conference, Huntsville, TX, October 2017 (Coauthored with Tanya Woody\*).
- “Reading Sense of Place in Woody Guthrie’s *House of Earth*,” National Council for Geographic Education, Albuquerque, NM, July 2017.
- “Water Policy, Heritage, and the Cultural Landscape in Western Colorado,” American Association of Geographers Conference, Boston, MA, April 2017.
- “Patchwork Bridges: Exploring Oklahoma’s Upkeep of Transportation Infrastructure, Southwestern American Association of Geographers Conference, Denton, TX, October 2016 (Coauthored with Jonathan Craig\*).
- “The Grand Valley Diversion (Roller) Dam: Appreciating an Everyday Landscape,” International Society for Landscape, Place, and Material Culture Conference, Bowling Green, KY, September 2016.
- “Water You Thinking?: Placing Local Water Issues in Regional Contexts,” Workshop (with Gary Gress), National Council for Geographic Education, Tampa, FL, August 2016.
- “Mapping the American College Town: Integrating Archives and Primary Resources into an Introductory GIS Course,” (Coauthored with Jacquelyn Slater Reese), Society of Southwest Archivists, Oklahoma City, OK, May 2016.
- “It’s a Team Approach: How Libraries and Archives Are Partnering with Faculty to Integrate Digital Scholarship in the Classroom,” Panelist, Academic Tech Expo, Norman, OK, January 2016.
- “A Dam Worthy Centennial Celebration: The Grand River Diversion (Roller) Dam and the Palisade Historical Society,” Southwestern Association of American Geographers Conference, San Antonio, TX, November 2015.
- Session Chair, “Geographic Research: Humanities, Sports, and Learning,” Southwestern Association of American Geographers Conference, San Antonio, TX, November 2015.
- “Rethinking the Geography Ph.D.,” Panelist, Southwestern Association of American Geographers Conference, San Antonio, TX, November 2015.
- “Latino Businesses and the Process of Latinization in the Sooner State,” International Society for Landscape, Place, and Material Culture Conference, North Canton, OH, September 2015.

Session Chair, "Urban Landscapes," International Society for Landscape, Place, and Material Culture Conference, North Canton, OH, September 2015.

"What's in Your Backyard?:" Visualizing Opportunities and Consequences in Everyday Landscapes," Workshop (with Gary Gress), National Council for Geographic Education, Washington, D.C., August 2015.

"Preserving the 'Yellowstone of the Southwest:' An Experiment in US Land Management," Association of American Geographers Conference, Chicago, IL, April 2015.

Session Chair and Co-organizer (with Douglas A. Hurt), "Learning from Looking: Fieldwork, Research, and Teaching in Cultural and Historical Geography," Association of American Geographers Conference, Chicago, IL, April 2015.

"Unlikely Innovators' Adapt to Climate Change: Transforming Water Utilities in Oklahoma" (with Preston Hartman\* and Travis Gliedt), American Association of Geographers Conference, Chicago, IL, April 2015.

Session Co-organizer (with Travis Gliedt), "Water Utility Innovation as a Response to Climate Change and Sustainability," Association of American Geographers Conference, Chicago, IL, April 2015.

"Jobs in the Geohumanities: Session 1," Panelist, Association of American Geographers Conference, Chicago, IL, April 2015.

"The Academic Job Market for Geographers B: Challenges and Opportunities for Enhancing Professional Success," Panelist, Association of American Geographers Conference, Chicago, IL, April 2015.

"Water-Conveyance Technology and the Preservation of Agriculture in Colorado's Orchard Mesa Irrigation District," Pioneer America Society Annual Conference, Oklahoma City, OK, October 2014.

"The Jemez and the 'Yellowstone of the Southwest,'" Western Lands, Western Voices: A Symposium on Public Engagement in the Humanities and Social Sciences, Salt Lake City, UT, September 2014.

"Looking at Landscapes: Strategies for 21<sup>st</sup> Century Classrooms," Workshop (with Gary Gress and Douglas A. Hurt), National Council for Geographic Education, Memphis, TN, August 2014.

"More than a 'Techno-Environment:' Life Ways and Material Culture in Colorado's Orchard Mesa Irrigation District," Agricultural History Society Annual Meeting, Provo, UT, June 2014.

"Latino Businesses and the Changing Cultural Landscape in the Sooner State," The Oklahoma History Conference, Stillwater, OK, April 2014.

"Engaging K-12 Teachers in Geography: Examples from an Oklahoma Alliance for Geographic Education Field Institute," Association of American Geographers Conference, Tampa, FL, April 2014.

Session Chair and Co-organizer (with Douglas A. Hurt), "Doing Geography: Fieldwork, Research, and Teaching," Paper Session, Association of American Geographers Conference, Tampa, FL, April 2014.

"The Academic Job Market for Geographers," Panelist, Association of American Geographers Conference, Tampa, FL, April 2014.

"The Academic Job Market for Geographers," Panelist, Association of American Geographers Conference, Los Angeles, CA, April 2013.

"Internships and Work-Based Learning as Career Preparation," Panelist, Association of American Geographers Conference, Los Angeles, CA, April 2013.

"It's All about the Hogs: The Process of Latinization in an Oklahoma Panhandle Community," Poster presentation, Graduate Student Research and Performance Day, University of Oklahoma Graduate College, Norman, March 2013.

"It's All about the Hogs: The Process of Latinization in an Oklahoma Panhandle Community," Race, Ethnicity, and Place Conference, San Juan, Puerto Rico, October 2012.

"Celebrating Children, Creating a Time and Place for Community: Educare's Annual Carnival for At-Risk Children and Their Families," Poster presentation (Coauthored with Amanda Widener), Race, Ethnicity, and Place Conference, San Juan, Puerto Rico, October 2012.

"Detecting Urban Geographies the OKAGE Way: A View from Three Oklahoma City Urban Enclaves," Workshop/Presentation, (Co-presented with Gary Gress), National Council for Geographic Education, San Marcos, TX, October 2012.

"The Towa and the 'Yellowstone of the Southwest,'" Poster presentation, Graduate Student Research and Performance Day, University of Oklahoma Graduate College, Norman, March 2012.

"The Towa and the 'Yellowstone of the Southwest,'" Poster presentation, Association of American Geographers Conference, New York City, NY, February 2012.

- "Geography Careers Session," Panelist, Southwestern Association of American Geographers Conference, Austin, TX, November 2011.
- "The Latino Impress in Tulsa, Oklahoma," Paper presentation, Oklahoma Historical Society Annual Conference, Enid, OK, April 2011.
- "Tulsa, Oklahoma's New Urban Landscape: The Latinization of 'America's Most Beautiful City,'" Paper presentation, Association of American Geographers Conference, Seattle, WA, April 2011.
- "Oklahoma Winescapes," Paper presentation, Pioneer America Society, Castleton, VT, October 2010.
- "The Latino Impress in the Oklahoma Panhandle: A Case Study on the City of Guymon," Paper presentation, Association of American Geographers Conference, Washington, D.C., April 2010.
- "Perceptions and Tourism: A Case Study on Cambodia," Paper presentation, Phi Alpha Theta Regional Conference, Tulsa, OK, March 2010.
- "The Inveterate Landscape: Latino Space in Oklahoma City," Poster presentation, Oklahoma Research Day, Broken Arrow, OK, November 2009.
- "Emblems of Patriotism: Lloyd's of London and the Patriotic Fund," Poster presentation (Coauthored with Hugh Long, Dr. Jessica Sheetz-Nguyen, and Dr. Randall Ice), Oklahoma Research Day, Broken Arrow, OK, November 2009.
- "Las Vegas, New Mexico: *Fotografías históricas del paisaje reinterpretado*," Poster presentation (Coauthored with Salena Etzler, Traci Ferguson, Joshua Gibson, Sharon Kelting, and Douglas A. Hurt), Southwestern Association of American Geographers Conference, Little Rock, AR, October 2009.
- "Historical Geography of Lloyd's of London," Paper presentation, Western Conference on British Studies, Tempe, AZ, October 2009.
- "*Paisajes culturales*: The Latinization of Oklahoma City," Paper presentation, National Council for Geographic Education, San Juan, Puerto Rico, September 2009.
- "Soil, Grapes, Wine, Bibles, and Politics: The Geography of Oklahoma's Wine Industry," Paper presentation, Association of American Geographers Conference, Las Vegas, NV, March 2009.
- "Vice and Folly: China after WWII," Paper presentation, Phi Alpha Theta Regional Conference, Edmond, OK, March 2009.

"Costa Rica: Transformation from an Indigenous Population to a Mestizo Populous," Paper presentation, Liberal Arts Symposium, University of Central Oklahoma, Edmond, February 2009.

"*Una Paradoja en el Paraiso del Café: Starbucks, Globalization, and the Geography of Latin American Coffee,*" Paper presentation (Coauthored with Douglas A. Hurt and Matthew R. Engel), Conference of Latin Americanist Geographers, Granada, Nicaragua, January 2009.

"Starbucks, Globalization, and the Geography of Latin American Coffee," Poster presentation (Coauthored with Douglas A. Hurt), Oklahoma Research Day, Broken Arrow, OK, November 2008.

"Starbucks, Globalization, and the Geography of Latin American Coffee," Paper presentation (Coauthored with Douglas A. Hurt and Matthew R. Engel), Southwestern Association of American Geographers, San Marcos, TX, October 2008.

"A War on Drugs, Not a War on Coca: Coca Farming Becomes Viable Again in Bolivia," Paper presentation, Liberal Arts Symposium, University of Central Oklahoma, Edmond, February 2008.

"Using a Geospatial Database to Delineate Unsafe Areas on the Sidewalks of the University of Central Oklahoma," Poster presentation, Liberal Arts Symposium, University of Central Oklahoma, Edmond, February 2008.

"The Beginnings of the Barbary Wars: The Factors Leading Post-War America into Her First Naval Engagement," Paper presentation, Phi Alpha Theta National Convention, Albuquerque, NM, January 2008.

"The Debate Over the Elgin Marbles: Will the Treasures Ever Return?," Paper presentation, Liberal Arts Symposium, University of Central Oklahoma, Edmond, April 2007.

### **Invited Talks and Trainings**

"GIS for Non-Geographers," ResBaz, University of Oklahoma, Norman, September 2017.

"Open Source GIS and Geospatial Data Creation," ResBaz, University of Oklahoma, Norman, September 2016.

"GIS for Non-Geographers," ResBaz, University of Oklahoma, Norman, September 2016.

"GIS for Non-Geographers," ResBaz, University of Oklahoma, Norman, January 2016.

“Exploring Data with ArcGIS” (Training), The Humanities and Technology Camp (THATCamp), University of Oklahoma, Norman, June 2015.

“(some) Cartographic Techniques for the Digital Humanities” (Talk & Training), in *Adventures in Digital Humanities: Explorations in Space, Time, & Meaning* (History of Science 3550 & Geography 3890), University of Oklahoma, February 2015.

“Historical Geography, GIS, and Memory” (Invited Presentation), in *History and Memory* (History 6200), University of Oklahoma, February 2015.

“Integrating Archival Materials and H-GIS in Course Projects” (Talk & Training), Digital Humanities Brown Bag Studio Session (with Jackie Reese), University of Oklahoma, October 2014.

“GIS in the Digital Humanities” (Invited Presentation), in *Digital Humanities Seminar* (History of Science 5970), University of Oklahoma, March 2014.

“Using Google Earth in the K-12 Classroom” (Training), World Geography Academy, Oklahoma Alliance for Geographic Education, Norman, OK, December 2013.

### **Grants and Scholarships**

“Oklahoma’s West,” Oklahoma Humanities Council Research Grant, March 2017, \$1500.

“Placing Experiences Lived and Dreamed in Woody Guthrie’s *House of Earth* and *Seeds of Man*,” Woody Guthrie Fellowship, The BMI Foundation, \$5,000 (not funded).

Co-PI (with Travis Gliedt), “Active Learning Makeover for Principles of Sustainability (GEOG 3233),” The Paul G. Risser Innovative Teaching Fellowship, University of Oklahoma, Norman, \$10,000 (not funded).

Co-PI (with Travis Gliedt), “Understanding Impacts of Climate Change on the Resilience of Socio-Ecological and Socio-Economic Systems in Oklahoma Lake Communities,” Southern Climate Impacts Planning Program, Norman, OK, April 2015, \$30,000 (not funded).

Google Earth Education Initiative, Google Corporation, Mountain View, CA, (awarded a grant for Google Earth Pro licensure on OU’s Norman campus), August 2014, valued at \$57,855.

Faculty Development Grant, University of Oklahoma, University Libraries, Norman, June 2014, \$3,000.

Co-PI (with Travis Gliedt), “‘Unlikely Innovators’” Adapt to Climate Change: Transforming Water Utilities in Oklahoma,” Southern Climate Impacts Planning Program, Norman, OK, May 2014, \$25,000.

Grant Partner (with the College of Journalism at OU), “‘Talk With Us’—Using Journalism to Stimulate Conversation and Elevate Awareness of Social Issues,” Online News Association, April 2014, \$35,000. [<http://journalists.org/next-gen/challenge-fund/winner-university-of-oklahoma/>]

PI (with Travis Gliedt), “Teaching, Learning, and Assessing Sustainability and Global Environmental Change in Geography,” National Council for Geographic Education, Washington, D.C., March 2014, \$4,000 (not funded).

Google Earth Education Initiative, Google Corporation, Mountain View, CA, (awarded a grant for Google Earth Pro licensure on OU’s Norman campus), September 2013, valued at \$19,000.

“Cooperative Digital Education Initiative between Sony and OU,” Sony Corporation, San Diego, CA, September 2013, \$19,230 (not funded).

“Cooperative Spatial Education Initiative between Garmin and OU.” Garmin Corporation, Kansas City, MO, September 2013, \$12,400 (not funded).

Faculty Development Grant, University of Oklahoma, University Libraries, Norman, August 2013, \$3,000.

Robberson Conference Presentation and Creative Exhibition Travel Grant, University of Oklahoma, Graduate College, Norman, October 2012, \$500.

Robberson Research Grant, University of Oklahoma, Graduate College, Norman, October 2012, \$1,000.

Graduate Student Summer Research Grant, The Charles Redd Center for Western Studies, Brigham Young University, Provo, UT, May 2012, \$1,400.

Conference and Creative Exhibition Travel Grant, University of Oklahoma Graduate Student Senate, Norman, April 2012, \$750.

Graduate Student Travel Grant, Department of Geography and Environmental Sustainability, University of Oklahoma, Norman, March 2012, \$500.

Conference and Creative Exhibition Travel Grant, University of Oklahoma Graduate Student Senate, Norman, October 2011, \$300.

Adjunct Travel Grant for Conference Presentation, Department of History and Geography, University of Central Oklahoma, Edmond, October 2011, \$150.

College of Liberal Arts Adjunct Travel Grant, University of Central Oklahoma, Edmond, April 2011, \$1,000.

Adjunct Travel Grant for Conference Presentation, Department of History and Geography, University of Central Oklahoma, Edmond, October 2010, \$850.

Adjunct Travel Grant for Conference Presentation, Liberal Arts College, University of Central Oklahoma, Edmond, October 2010, \$1,000.

Dianne Kremm History and Geography Travel Grant, University of Central Oklahoma, Edmond, January 2010, \$360.

College of Liberal Arts Dean's Travel Grant, University of Central Oklahoma, Edmond, January 2010, \$250.

Research and Scholarly Activities Research Grant, Jackson School of Graduate Studies, University of Central Oklahoma, Edmond, August 2009, \$1,380.

Dianne Kremm History and Geography Travel Grant, University of Central Oklahoma, Edmond, May 2009, \$450.

College of Liberal Arts Dean's Student Travel Grant, University of Central Oklahoma, Edmond, May 2009, \$480.

Daughters of the American Revolution Scholarship, University of Central Oklahoma, Edmond, October 2008, \$1,500.

College of Liberal Arts Dean's Student Travel Grant, University of Central Oklahoma, Edmond, October 2008, \$500.

Dianne Kremm History and Geography Travel Grant, University of Central Oklahoma, Edmond, October 2008, \$350.

Research and Scholarly Activities Travel Grant, Jackson School of Graduate Studies, University of Central Oklahoma, Edmond, September 2008, \$453.

Research and Scholarly Activities Research Grant, Jackson School of Graduate Studies, University of Central Oklahoma, Edmond, August 2008, \$1,380.

Research and Scholarly Activities Travel Grant, Jackson School of Graduate Studies, University of Central Oklahoma, Edmond, November 2007, \$305.



## Awards and Nominations

Higher Education Distinguished Teaching Award, National Council for Geographic Education, April 2016.

Warren E. Roberts Graduate Student Research Award, Pioneer America Society, August 2014, \$200.

Charles S. Standley Memorial Award for Outstanding Publication in Geography, Department of Geography and Environmental Sustainability, The University of Oklahoma, Norman, March 2014, \$500.

Outstanding Graduate Teaching Assistant, Department of Geography and Environmental Sustainability, University of Oklahoma, Norman, March 2013.

*Nominated:* Outstanding Graduate Teaching Assistant, University of Oklahoma, Norman, March 2012.

*Nominated:* Outstanding Graduate Student, University of Oklahoma, Norman, March 2012.

Outstanding Master's Thesis on Oklahoma History, Oklahoma Historical Society, April 2011, \$150.

Charles S. Standley Memorial Award for Outstanding Publication in Geography, Department of Geography and Environmental Sustainability, University of Oklahoma, Norman, April 2011, \$500.

*Nominated:* Outstanding Adjunct Award for Teaching and Scholarly Activities, University of Central Oklahoma, Edmond, March 2011.

Terry Jordan-Bychkov Master Student Research Award in Historical Geography, funded by the Historical Geography Specialty Group of the Association of American Geographers, April 2010, \$200.

Womack Investment Advisers Outstanding Graduate Student Leadership Award, University of Central Oklahoma, Edmond, April 2010, \$250.

John and Eleanor Kirkpatrick Outstanding Leadership and Service Award, University of Central Oklahoma, Edmond, April 2009, \$500.

Womack Investment Advisers Outstanding Undergraduate Student Leadership Award, University of Central Oklahoma, Edmond, April 2009, \$250.

Phi Alpha Theta Outstanding Graduating Undergraduate Historian, University of Central Oklahoma, Edmond, April 2009.

Pugh Outstanding Graduating Geographer Award, University of Central Oklahoma, Edmond, March 2009.

Best Student Paper/Presentation Award, Wine Geography Specialty Group, Association of American Geographers, Las Vegas, NV, March 2009.

Best Graduate Paper Award, Phi Alpha Theta Regional Conference, Edmond, March 2009.

### **Academic Service and Leadership**

#### ***Student Committees and Supervision***

- Jamie Dunnington (Ph.D. 2017), Health and Exercise Science, member
- Diana Derry (M.A. 2017), Geography, member
- Tanya Woody (B.S. 2017), Geography and Environmental Sustainability
- Jessica Forthman (B.A. 2017), Geography
- Tim Connor (B.S. 2016), Geographic Information Science
- Madeline Hinchliffe (undergraduate student), Honors College Research Assistant, University of Oklahoma, January 2015-May 2015
- Lauren Black (undergraduate student), Honors College Research Assistant, University of Oklahoma, August 2014-December 2015

#### ***Departmental Committee Involvement***

- Chair, Undergraduate Research Award, University Library Committee, August 2015-December 2017
- Chair, Data Grant, University Library Committee, August 2015-December 2017
- Member, Search Committee, Geology Librarian and Youngblood Energy Library Branch Manager, 2017
- Faculty Secretary, University Libraries, University of Oklahoma, July 2015-December 2017
- Undergraduate Research Awards Working Group Leader, University Libraries, University of Oklahoma, May 2015
- Training Steering Committee, University Libraries, University of Oklahoma, May 2014-December 2017

#### ***University Committee Involvement***

- Chair Elect, Environmental Concerns Committee, University of Oklahoma, 2014-Present
- GIS Day Planning Committee, University of Oklahoma, Norman, August 2015-Present
- Provost Appointed Committee for Integrating STEM on Campus—“Broadening Participation Across Campus” and “Graduate Education”—University of Oklahoma, November 2014-Present

- Environmental Concerns Committee, Bylaws Revision Committee, University of Oklahoma, October 2015
- Environmental Concerns Committee, University of Oklahoma, August 2014-Present
- Training and Professional Development Committee, University Libraries, University of Oklahoma, May 2014-Present
- Geography Awareness Week Planning Committee, University of Oklahoma, Norman, August 2013-Present
- Member, Faculty Search Committee, School of Library and Information Studies, University of Oklahoma, Fall 2013-Spring 2014
- GIS Day Planning Committee and Faculty Advisor, University of Oklahoma, 2013

### ***Professional Organization Committee Involvement***

- Board of Directors, International Society for Landscape, Place, and Material Culture, October 2017-Present
- Distinguished Teaching Award – Higher Education, National Council for Geographic Education, August 2016-Present
- Student Awards Selection Committee, International Society for Landscape, Place, and Material Culture, April 2015-Present

### ***Reviewer***

*International Journal of Sustainability in Higher Education*, 2017

*Sustainability Science*, 2016

*Geographical Review*, 2016, 2017

*Journal of Cultural Geography*, 2016

*Applied Geography*, 2012

### ***Other Service and Leadership***

- Moderator, Oklahoma Geography Bee, 2018
- Judge, Oklahoma Geography Bee, 2012-Present
- Career Mentor, Association of American Geographers Conference, Los Angeles, CA, April 2013
- Vice President—Association of Geography Graduate Students, University of Oklahoma, Norman, May 2011-2012.
- Geography Graduate Student Representative, Oklahoma Alliance for Geographic Education, Lunch with Norman State Senator (Jonathan Nicholas), April 2012
- Staff, Oklahoma Geography Bee, April 2011
- Geography Advisory Board, Department of History and Geography, University of Central Oklahoma, Edmond, OK, August 2010-May 2013
- President—Geography Student Organization, University of Central Oklahoma, Edmond, August 2007-May 2010.
- Treasurer—Phi Alpha Theta, Rho-Lambda Chapter, University of Central Oklahoma, Edmond, August 2009-May 2010.
- “An Hour for an Hour Liberal Arts Scholarship Luncheon,” University of Central Oklahoma, Edmond, OK, March 2010

- "Rebuilding a Village's Schoolhouse," El Cerrito, NM, May 2009
- President—Phi Alpha Theta, Rho Lambda Chapter, University of Central Oklahoma, Edmond, January 2009-May 2009.
- Public Relations—Phi Alpha Theta, Rho-Lambda Chapter, University of Central Oklahoma, Edmond, August 2008-December 2009.
- "Rebuilding a Village's Schoolhouse," El Cerrito, NM May 2008
- Secretary—Phi Alpha Theta, Rho-Lambda Chapter, University of Central Oklahoma, Edmond, August 2007-August 2008.
- Student Paper Judge, Social Science Fair, American Democracy Project, University of Central Oklahoma, Edmond, OK, March 2008
- Student Paper Judge, Oklahoma City University Social Science Fair for Grades 5-8, Oklahoma City University, April 2006

### **Certificates, Conferences Attended, Trainings, and Workshops**

ESRI User Conference, San Diego, CA, July 2018.

Environmental Concerns Committee: Sustainability Symposium, University of Oklahoma, Norman, April 2016.

Sooner Ally Training (LGBTQ Ally), Student Life, University of Oklahoma, Norman, February 2015.

[[http://www.ou.edu/content/studentlife/diverse\\_communities/lgbtq/lgbtq\\_ally/sooner\\_ally\\_list.html](http://www.ou.edu/content/studentlife/diverse_communities/lgbtq/lgbtq_ally/sooner_ally_list.html)]

"Planning For a More Resilient Oklahoma," Annual Conference of the Oklahoma Chapter American Planning Association, Edmond, OK, October 2014.

GeCo in the Rockies, Grand Junction, CO, September 2014.

"Using Free Tools for Corporate Training, Office Collaboration and Professional Development," Workshop, Heartland Elearning Conference, University of Central Oklahoma, Edmond, March 2012.

"Exploring with Chesapeake: How Your Organization's eLearning can Fuel the Future," Workshop, Heartland Elearning Conference, University of Central Oklahoma, Edmond, March 2012.

Heartland Elearning Conference, University of Central Oklahoma, Edmond, March 2012.  
 Certified Distance Educator, University of Central Oklahoma Center for Professional and Distance Education, Edmond, July 2011.  
 [<http://www.uco.edu/cpde/quality/certifiedinstructors.asp>].

eLearning Facilitation Workshop, University of Central Oklahoma Center for Professional and Distance Education, Edmond, June-July 2011.

Graduate and Postdoctoral Fellowships Workshop, University of Oklahoma, Norman,  
January 2011.

Responsible Conduct of Research (Certificate), University of Oklahoma Graduate College,  
Norman, August 2010.

Professional Ethics Training, University of Oklahoma Graduate College, Norman, August  
2010.

Teaching Assistant Orientation, University of Oklahoma Graduate College, Norman,  
August 2010.

Oklahoma City Economic Development Information Systems (EDIS) Training, Greater  
Oklahoma City Chamber of Commerce, March 2010.

"Re-Building the Planning Tradition in Oklahoma," Annual Conference of the Oklahoma  
Chapter American Planning Association, Edmond, OK, October 2008.

Annual Meeting of the Southwest Division of the Association of American Geographers,  
Bryan, TX, November 2007.

Oklahoma Council for History Education Symposium, University of Central Oklahoma,  
Edmond, April 2006.

## Memberships

Gamma Theta Upsilon, 2006-Present  
Southwestern Association of American Geographers, 2007-Present  
Oklahoma Chapter American Planning Association, 2008-Present  
Association of American Geographers, 2009-Present  
    Cultural Geography Specialty Group  
    Geography Education Specialty Group  
    Historical Geography Specialty Group  
    Regional Development and Planning Specialty Group  
    Rural Geography Specialty Group  
    Wine Specialty Group  
National Council for Geographic Education, 2009-Present  
Oklahoma Alliance for Geographic Education, 2009-Present  
International Society for Place, Landscape, and Material Culture, 2009-Present  
Palisade Historical Society, 2012-Present  
Oklahoma Historical Society, 2013-Present  
Agricultural History Society, 2013-Present  
Geography Student Organization, University of Central Oklahoma, 2006-2012  
Western Conference on British Studies, 2009-2011  
Phi Alpha Theta, Rho-Lambda Chapter, University of Central Oklahoma, 2006-2010  
University of Central Oklahoma Student Advisory Board, 2007-May 2010  
Association of Geography Graduate Students, University of Oklahoma, 2010-2015

## Skills

ArcGIS 10.6—GIS and Cartography, ArcGIS Online and Story Maps  
Archival Research—British Library Collections: London, UK; Chambers Library Archive and Special Collection: University of Central Oklahoma, Edmond; Gilcrease Library and Archive, Tulsa, OK; Guildhall Library Manuscript Collections: London, UK; London Metropolitan Archives: London, UK; Loyd Files Research Library: Grand Junction, Colorado; National Archives of Ireland: Dublin; Oklahoma Historical Society: Oklahoma City; Special Collections and University Archives: Oklahoma State University, Stillwater; and Western History Collection: University of Oklahoma, Norman.  
Learning Management Systems: Blackboard, Desire to Learn, Instructure  
Google Earth Pro, Google MyMaps, Google Suite, Google APIs  
GPS—Trimble GeoXM, TerraSync, TerraFlex, and Garmin etrex Legend  
Library Database Research  
Microsoft Office—Access, Excel, PowerPoint, Publisher, and Word  
Omeka  
Pathfinder Office  
Quantum GIS (QGIS)  
Spotfire Desktop  
Tableau