

JONATHAN C. COMER

VITAE

POSITION Professor and Associate Head, Geography, Oklahoma State University

EDUCATION Ph.D. 1994 Geography The Ohio State University
M.A. 1990 Geography The Ohio State University
B.A. 1988 Geography Indiana University

EXPERIENCE Associate Professor, Oklahoma State University, 7/99 - 6/08
Assistant Professor, Oklahoma State University, 8/94 - 6/99
Graduate Teaching Associate, The Ohio State University, 9/92 - 6/94
Graduate Research Associate, The Ohio State University, 7/89 - 6/92

RESEARCH

Publications

Journal Articles († indicates peer-reviewed):

- 2019[†] Haffner, Mathew M., and **Jonathan C. Comer**. “An interactive point pattern analysis web application and teaching exercise.” *Journal of Geography in Higher Education*, **43**(4): 568-581.
- 2016[†] Hathcoat, John D., Jeremy D. Penn, Laura Barnes, and **Jonathan C. Comer**. “A Dystopian Picture of Critical Thinking Assessment.” *Research in Higher Education*, **57**(7): 892-912.
- 2015[†] **Comer, Jonathan C.**, and Thomas A. Wikle. “Community Access to General Aviation amidst Airport Closures, 1991-2011.” *Papers in Applied Geography*, **1**(2): 159-167.
- 2015[†] **Comer, Jonathan C.**, and Thomas A. Wikle. “Access to Locally-Oriented Television Broadcasting in a Digital Era.” *Applied Geography*, **60**: 280-287.
- 2014[†] **Comer, Jonathan C.**, Nicholas J. Rose, and Leonard Bombom. “Poisson Regression Analysis of Highway Fatality Accident Data in Oklahoma.” *International Journal of Applied Geospatial Research*, **5**(4): 72-86.
- 2013[†] Brown, Stacey R. and **Jonathan C. Comer**. “Food Deserts in the Southwest: A Case Study of Oklahoma City.” *The Southwestern Geographer*, **16**: 10-25.
- 2013[†] **Comer, Jonathan C.**, and Thomas A. Wikle. “Localism in American Broadcasting in the Age of Satellite and Cable Television.” *Papers in Applied Geography*, **36**: 210-219.

- 2013 Nicholas, Mark C., **Jonathan C. Comer**, Doren Recker, and John D. Hathcoat. Developing and Implementing a Multi-Disciplinary Approach to Assess CT in General Education. *Assessment Update*, **25**(4): 7-9, 12.
- 2012[†] Wikle, Thomas A. and **Jonathan C. Comer**. “Facebook’s Rise to the Top: Exploring Social Networking Registrations by Country.” *International Journal of Virtual Communities and Social Networking*, **4**(2): 46-60.
- 2012[†] **Comer, Jonathan C.**, Leonard Bombom, and Nicholas J. Rose. “Analysis of Fatality Accident Data in Rural Areas.” *Papers of the Applied Geography Conferences*, **35**: 143-152.
- 2011[†] **Comer, Jonathan C.**, Amy K. Graham, and Stacey R. Brown. “Relating Transportation Quality Indicators to Economic Conditions in the South-Central U.S.” *International Journal of Applied Geospatial Research*, **2**(3): 1-19.
- 2010[†] Wikle, Thomas A. and **Jonathan C. Comer**. “Translator Networks and the New Geography of Religious Radio.” *Journal of Radio & Audio Media*, **17**(1): 48-62.
- 2009[†] Lightfoot, Dale R., Nariman Mavlyanov, Dilshod Begimkulov, and **Jonathan C. Comer**. “Reliability of Interview Data for Monitoring and Mapping Groundwater.” *International Association of Hydrological Scientists Red Book Series*, **334**: 40-44.
- 2009[†] **Comer, Jonathan C.**, Amy K. Graham, and Stacey R. Brown. “An Assessment of Road and Bridge Conditions in Four States.” *Papers of the Applied Geography Conferences*, **32**: 47-56.
- 2009[†] Wikle, Thomas A. and **Jonathan C. Comer**. “Barriers to Establishing Low Power FM Radio in the U.S.” *The Professional Geographer*, **61**(3): 366-381.
- 2008[†] **Comer, Jonathan C.** and Thomas A. Wikle. “Worldwide Diffusion of the Cellular Telephone, 1995-2005.” *The Professional Geographer*, **60**(2): 252-269.
- 2008[†] **Comer, Jonathan C.** and Pamela D. Skraastad-Jurney. “Assessing the Locational Equity of Community Parks through the Application of Geographic Information Systems.” *Journal of Park and Recreation Administration*, **26**(1): 122-146.
- 2008 Lightfoot, Dale R., Nariman Mavlyanov, Dilshod Begimkulov, and **Jonathan C. Comer**. “Reliability of Interview Data for Monitoring and Mapping Groundwater.” *Proceedings of the International Conference on Groundwater and Climate in Africa*, Kampala, Uganda, June.
- 2007[†] Brown, Stacey R., **Jonathan C. Comer**, and Thomas A. Wikle. “The Locations of Temporary Shelters after Hurricane Katrina.” *Papers of the Applied Geography Conferences*, **30**: 298-306.

- 2006 Lightfoot, Dale R., Nariman Mavlyanov, Dilshod Begimkulov, and **Jonathan C. Comer**. “Calibration and Accuracy of Interview Methods for Mapping Ground-water Depletion without Monitoring Wells.” *Proceedings of the International Conference on Infrastructure Development and the Environment (ICIDEN-ABUJA)*.
- 2005[†] **Comer, Jonathan C.** and G. Allen Finchum. “All Roads Lead to Oklahoma City: Small Towns, Big Business, and Highway Bypasses.” *The Southwestern Geographer*, **9**: 42-64 (reprinted in **10** (2006): 52-74 to correct proof errors).
- 2004[†] **Comer, Jonathan C.** and G. Allen Finchum. “Modeling the Influence of Highway Bypasses and Population on Business Activities.” *Papers of the Applied Geography Conferences*, **27**: 420-429.
- 2003[†] **Comer, Jonathan C.** and G. Allen Finchum. “Socioeconomic Impacts of Highway Bypasses in Oklahoma.” *Papers of the Applied Geography Conferences*, **26**: 58-67.
- 2002[†] Monroe Jr., A. Dean and **Jonathan C. Comer**. “Spatial and Socioeconomic Patterns of Freemason Membership in Oklahoma.” *Proceedings of the Oklahoma Academy of Science* **82**: 95-109.
- 2001[†] **Comer, Jonathan C.** and G. Allen Finchum. “Business Impacts of Highway Bypasses.” *Papers and Proceedings of the Applied Geography Conferences*, **24**: 235-243.
- 2000[†] **Comer, Jonathan C.**, G. Allen Finchum, and Amanda K. Coleman. “A Methodology Using Geographic Information Systems to Evaluate Socio-economic Data Concerning Impacts of Highway Bypasses in Oklahoma.” *Proceedings of the Oklahoma Academy of Science* **80**: 79-89.
- 2000[†] Newsome, Tracy H. and **Jonathan C. Comer**. “Changing Intra-Urban Location Patterns of Major League Sports Facilities.” *The Professional Geographer*, **52**(1): 105-120.
- 1999[†] **Comer, Jonathan C.** and Tracy H. Newsome. “Downtown Revitalization and Major League Sports: The Emergence of Smaller Markets.” *Papers and Proceedings of the Applied Geography Conferences*, **22**: 165-173.
- 1998[†] **Comer, Jonathan C.** and Tracy H. Newsome. “Will Major League Sports Ever Come To Oklahoma?” *Proceedings of the Oklahoma Academy of Science*, **78**:1-10.
- 1997[†] **Comer, Jonathan C.** and Randall W. Jackson. “A Note on Adjusting National Input-Output Data for Regional Table Construction.” *Journal of Regional Science*, **37**(1): 145-153.

- 1996[†] **Comer, Jonathan C.** and Tracy H. Newsome. “Recent Patterns of Professional Sports Facility Construction in North America.” *Sport Place: An International Journal of Sports Geography*, **10**(1): 22-39.
- 1993[†] Jackson, Randall W. and **Jonathan C. Comer**. “An Alternative to Aggregated Base Tables in Input-Output Table Regionalization.” *Growth and Change*, **24**(2): 191-205.
- 1992[†] Jackson, Randall W., Philip R. Israilevich, and **Jonathan C. Comer**. “A Note on the Role of Survey Data and Expert Opinion in Constructing Input-Output Tables.” *Papers in Regional Science*, **71**(1): 87-93.

Book Chapters (Original):

- 2017 **Comer, Jonathan C.** and Thomas A. Wikle. “Global Diffusion and Adoption of Cell Phones.” Chapter 12 (pp. 162-177) in *Handbook on Geographies of Technology*, ed. Barney L. Warf. Cheltenham, UK: Edward Elgar Publishing.

Book Chapters (Journal Article Reprints):

- 2017 **Comer, Jonathan C.** and Tracy H. Newsome. “Downtown Revitalization and Major League Sports – The Emergence of Smaller Markets.” Case Study 2.4.3 (pp. 211-222) in *Locational Intelligence Research and Applications*, ed. Murray D. Rice and Tony Hernandez. Kent, OH: Applied Geography Conference.
- 2017 **Comer, Jonathan C.** and G. Allen Finchum. “Business Impacts of Highway Bypasses.” Case Study 5.2.5 (pp. 483-498) in *Locational Intelligence Research and Applications*, ed. Murray D. Rice and Tony Hernandez. Kent, OH: Applied Geography Conference.
- 2015 Brown, Stacey R., **Jonathan C. Comer**, and Thomas A. Wikle. “The Locations of Temporary Shelters after Hurricane Katrina.” Chapter 36 (pp. 431-443) in *Evolving Approaches to Understanding Natural Hazards*, ed. Graham A. Tobin and Burrell E. Montz. Newcastle upon Tyne, UK: Cambridge Scholars Publishing.
- 2013 **Comer, Jonathan C.**, Amy K. Graham, and Stacey R. Brown. “Relating Transportation Quality Indicators to Economic Conditions in the South-Central U.S.” Chapter 111 (pp. 1864-1882) in *Geographic Information Systems: Concepts, Methodologies, Tools, and Applications*, ed. Mehdi Khosrow-Pour. Hershey, PA: IGI Global.
- 2013 **Comer, Jonathan C.**, Amy K. Graham, and Stacey R. Brown. “Relating Transportation Quality Indicators to Economic Conditions in the South-Central U.S.” Chapter 7 (pp. 111-130) in *Emerging Methods and Multidisciplinary Applications in Geospatial Research*, ed. Donald P. Albert and G. Rebecca Dobbs, 111-130. Hershey, PA: IGI Global.

2012 **Comer, Jonathan C.**, Amy K. Graham, and Stacey R. Brown. "Relating Transportation Quality Indicators to Economic Conditions in the South-Central U.S." Chapter 7.10 (pp 1399-1417) in *Regional Development: Concepts, Methodologies, Tools, and Applications*, ed. Mehdi Khosrow-Pour. Hershey, PA: IGI Global.

Other Research Publications:

2012 **Comer, Jonathan C.**, Leonard S. Bombom, and Nicholas J. Rose. *Final Report: Analysis of FARS Data on State Highways in Oklahoma*. Midwest City, OK: Oklahoma Transportation Center.

2009 **Comer, Jonathan C.**, Amy K. Graham, and Stacey R. Brown. *Final Report: Oklahoma's Transportation Infrastructure: Inventory and Impacts*. Midwest City, OK: Oklahoma Transportation Center.

2003 **Comer, Jonathan C.** and G. Allen Finchum. *Final Report: Analyzing Impacts of Highway Construction Activities in Oklahoma Phase II – Business Impacts*. Midwest City, OK: Oklahoma Transportation Center.

2002 **Comer, Jonathan C.** and G. Allen Finchum. *Final Report: Analyzing Impacts of Highway Construction Activities in Oklahoma Phase I – Socioeconomic Impacts*. Midwest City, OK: Oklahoma Transportation Center.

2002 **Comer, Jonathan C.** "Mathematical Geography." Entry in *The McGraw-Hill Encyclopedia of Science and Technology*, 9th edition, Volume 10: 541-542.

2001 Finchum, G. Allen and **Jonathan C. Comer**. *Final Report: GIS for Evaluating Socioeconomic Data of Small Communities in Oklahoma*. Oklahoma City, OK: Oklahoma Department of Transportation.

2001 Finchum, G. Allen, **Jonathan C. Comer**, and Stephen M. O'Connell. *Technical Documentation: GIS for Evaluating Socioeconomic Data of Small Communities in Oklahoma*. Oklahoma City, OK: Oklahoma Department of Transportation.

2000 **Comer, Jonathan C.** Book review of *Hawai'i Sports: History, Facts, and Statistics*, 1999, by Dan Cisco. Honolulu: University of Hawaii Press. *Sport Place*, **10**(2): 37-38.

1991 Israilevich, Philip R., Randall W. Jackson, and **Jonathan C. Comer**. "Census Content of Bureau of Economic Analysis Input-Output Data." *Regional Economic Issues*, Federal Reserve Bank of Chicago Working Paper Series # WP-1991-2.

Grants

Extramural funding:

Oklahoma Transportation Center: Research, Education and Outreach Support Program. “Analysis of FARS Data on State Highways in Oklahoma.” \$200,000, PI, September 1 2011 through November 30, 2012.

Oklahoma Transportation Center: Research, Education and Outreach Support Program. “Oklahoma’s Transportation Infrastructure: Inventory and Impacts.” \$133,692, PI, June 1, 2008 through August 14, 2009.

Oklahoma Transportation Center. “Analyzing Impacts of Highway Construction Activities in Oklahoma: Phase II – Business Impacts.” \$39,014, co-PI with G. Allen Finchum, January 1, 2003 through September 30, 2003.

Oklahoma Transportation Center. “Analyzing Impacts of Highway Construction Activities in Oklahoma: Phase I – Socioeconomic Impacts.” \$39,461, co-PI with G. Allen Finchum, May 1, 2002 through September 30, 2002.

Oklahoma Department of Transportation. “GIS for Evaluating Socioeconomic Data of Small Communities in Oklahoma.” \$96,468, co-PI with G. Allen Finchum, January 1, 1999 through December 31, 2000.

Intramural funding:

Arts and Sciences Fall Travel Grant: 2009, 2014

Arts and Sciences Summer Research Grant: 1995, 1997, 2001, 2005

Presentations

Geography/Related Conference Presentations († indicates lead/co-presenter):

2020[†] “Environmental Factors and Obesity: Impacts and Implications.” Southwest Division Meeting, Association of American Geographers. Online, November 18.

2020[†] “Exploring the Relationship between Environmental Factors and Obesity.” 43rd Annual Applied Geography Conference. Online, October 20.

2019[†] “Patterns and Processes of Political Factionalism in the U.S.” 42nd Annual Applied Geography Conference. Charlotte, NC, October 24.

2019[†] “Maps Published in Geography Journals, 1987-2017: A Longitudinal Analysis.” Southwest Division Meeting, Association of American Geographers. Fort Worth, TX, October 11.

- 2018[†] “The Looming Pilot Shortage: Pilot Production and Flight Training Facilities in the U.S.” 41st Annual Applied Geography Conference. Kent, OH, November 2.
- 2018 “An Interactive Point Pattern Analysis Web Application and Teaching Exercise.” West Lakes Division Meeting, Association of American Geographers, La Crosse, WI, November 2.
- 2018[†] “An Interactive Point Pattern Analysis Web Application and Teaching Exercise.” Great Plains-Rocky Mountain Division Meeting, Association of American Geographers. Manhattan, KS, October 6.
- 2018[†] “The Coming Pilot Shortage: A Geographic Analysis of U.S. Flight Training Resources and Pilot Production.” 114th Annual Meeting, Association of American Geographers. New Orleans, LA, April 11.
- 2017[†] “Exploring Spatial Patterns of Recreational Drone Ownership.” 40th Annual Applied Geography Conference. Nassau, Bahamas, November 14.
- 2017[†] “Recreational Drone Ownership Patterns and Demographics.” Southwest Division Meeting, Association of American Geographers. Huntsville, TX, October 27.
- 2016 “Vernacular maintenance (or the lack thereof) and the apparent time construct.” New Ways of Analyzing Variation 45. Vancouver, BC, November 4.
- 2016[†] “Trends and Implications of Oklahoma’s Shifting Voter Registration.” 39th Annual Applied Geography Conference. Louisville, KY, October 27.
- 2016[†] “Patterns of Linguistic Variation in the Southern Great Plains.” 112th Annual Meeting, Association of American Geographers. San Francisco, CA, March 30.
- 2015[†] “Alleviating Congestion on Aviation Frequencies near Non-Towered Airports in the U.S.” 38th Annual Applied Geography Conference. San Antonio, TX, November 6.
- 2015[†] “Evaluating Congestion on Aviation Frequencies near Non-Towered Airports in the U.S.” 111th Annual Meeting, Association of American Geographers. Chicago, IL, April 24.
- 2014[†] “Don’t it make my Red State Blue: A Spatio-Temporal Analysis of Oklahoma’s Voting-Registration Mismatch.” Southwest Division Meeting, Association of American Geographers. Albuquerque, NM, October 24.
- 2014[†] “Community Access to General Aviation amidst Airport Closures, 1991-2011.” 37th Annual Applied Geography Conference. Atlanta, GA, October 16.

- 2014[†] “Community Access to General Aviation and the Impacts of Airport Closures, 1991-2011.” 110th Annual Meeting, Association of American Geographers. Tampa, FL, April 9.
- 2013[†] “Localism in American Broadcasting in the Age of Satellite and Cable Television.” 36th Annual Applied Geography Conference. Annapolis, MD, October 31.
- 2013[†] “Community Broadcasting in an Era of Satellite Television: Nielsen’s Designated Market Areas and the Principle of Localism.” 109th Annual Meeting, Association of American Geographers. Los Angeles, CA, April 11.
- 2012[†] “Analysis of Fatality Accident Data in Rural Areas.” 35th Annual Applied Geography Conference. Minneapolis, MN, October 11.
- 2012[†] “Growth of the Mega Social Networking Site: Facebook Adoption by Country.” 108th Annual Meeting, Association of American Geographers. New York, NY, February 27.
- 2011[†] “‘Friends’ in Far Places: Global Patterns of Facebook Penetration.” Southwest Division Meeting, Association of American Geographers. Austin, TX, November 11.
- 2011[†] “An Assessment of Cell Towers Within and Adjacent to U.S. National Park Sites.” 107th Annual Meeting, Association of American Geographers. Seattle, WA, April 15.
- 2010[†] “Transportation Investment as Economic Stimulus: Evidence from the South-Central U.S.” 33rd Annual Applied Geography Conference. Fort Worth, TX, October 22.
- 2010[†] “Eyesore or Lifeline? A Study of Cell Tower Conflicts in the U.S.” Southwest Division Meeting, Association of American Geographers. Tahlequah, OK, October 15.
- 2010[†] “Transportation Investment as Economic Stimulus: A Case Study.” 106th Annual Meeting, Association of American Geographers. Washington, DC, April 15.
- 2009[†] “The Relationship between Transportation Quality and Regional Growth: Evidence from the South-Central U.S.” 56th Annual North American Meetings of the Regional Science Association International. San Francisco, CA, November 20.
- 2009[†] “An Assessment of Road and Bridge Conditions in Four States.” 32nd Annual Applied Geography Conference. Baton Rouge, LA, October 30.

- 2009 “Oklahoma’s Transportation Infrastructure: Inventory and Impact via the Internet.” Southwest Division Meeting, Association of American Geographers. North Little Rock, AR, October 30.
- 2009 “Emergency! Analyzing Hospital Locations in Oklahoma.” 105th Annual Meeting, Association of American Geographers. Las Vegas, NV, March 26.
- 2009[†] “The Changing Geography of Religious Radio in the U.S.” 105th Annual Meeting, Association of American Geographers. Las Vegas, NV, March 24.
- 2008[†] “A Picture of Health: Analyzing Health in Oklahoma Counties.” Southwest Division Meeting, Association of American Geographers. San Marcos, TX, October 24.
- 2008 “Reliability of Interview Data for Monitoring and Mapping Groundwater.” International Conference on Groundwater and Climate in Africa. Kampala, Uganda, June 25.
- 2008[†] “The Influence of Religious Radio Broadcasting in the U.S.” 104th Annual Meeting, Association of American Geographers. Boston, MA, April 18.
- 2008 “Bad Medicine: Analyzing Regional Health Inequalities in Oklahoma.” 104th Annual Meeting, Association of American Geographers. Boston, MA, April 16.
- 2008 “The Fight for Low Powered FM Radio in the U.S.” 104th Annual Meeting, Association of American Geographers. Boston, MA, April 16.
- 2007[†] “Barriers to the Establishment of Low Power Community Radio in the U.S.” Southwest Division Meeting, Association of American Geographers. Bryan, TX, November 2.
- 2007 “The Locations of Temporary Shelters after Hurricane Katrina.” 30th Annual Applied Geography Conference. Indianapolis, IN, October 19.
- 2007[†] “Influences on the Locations of Professional Sports Stadiums in North America.” 103rd Annual Meeting, Association of American Geographers. San Francisco, CA, April 21.
- 2007 “Emergency Shelters and Socially Vulnerable Populations.” 103rd Annual Meeting, Association of American Geographers. San Francisco, CA, April 21.
- 2007 “Reliability of Interview Data for Monitoring and Mapping Groundwater.” 103rd Annual Meeting, Association of American Geographers, San Francisco, CA, April 21.
- 2006[†] “Global Patterns of Cell Phone Penetration and Diffusion.” Southwest Division Meeting, Association of American Geographers. Norman, OK, October 26.

- 2006 “Emergency Shelters and Socially Vulnerable Populations.” NSF Human-Social Dynamics Principal Investigators Meeting. Washington, D.C., September 15-16.
- 2006 “Calibration and Accuracy of Interview Methods for Mapping Groundwater Depletion without Monitoring Wells.” International Conference on Infrastructure Development and the Environment. Abuja, Nigeria, September 12.
- 2006 “International Diffusion of the Cellular Telephone.” 102nd Annual Meeting, Association of American Geographers. Chicago, IL, March 10.
- 2006[†] “W(h)ither the Suburbs? Downtown versus Periphery in Professional Sports Facilities.” 102nd Annual Meeting, Association of American Geographers. Chicago, IL, March 8.
- 2005[†] “Professional Sports Stadium Location Patterns into the 21st Century.” Southwest Division Meeting, Association of American Geographers. Fayetteville, AR, November 10.
- 2004[†] “Modeling the Influence of Highway Bypasses and Population on Business Activities.” 27th Annual Applied Geography Conference. St. Louis, MO, October 22.
- 2004 “Hypothesis Based Learning (HBL): An Exciting Method for Teaching Earth Science.” Annual meeting, American Association of Petroleum Geologists. Dallas, TX, April 19.
- 2004[†] “Impacts of Highway Bypasses on Business Activities in Oklahoma.” 100th Annual Meeting, Association of American Geographers. Philadelphia, PA, March 17.
- 2004 “Hypothesis-Based Learning (HBL) in Earth Science.” Hawaii International Conference on Education. Honolulu, HI, January 4.
- 2003[†] “Socioeconomic Impacts of Highway Bypasses in Oklahoma.” 26th Annual Applied Geography Conference. Colorado Springs, CO, November 7.
- 2003 “Development of ArcIMS Interface Using C# and ASP.NET.” 2003 Virginia GIS Conference. Richmond, VA, October 28.
- 2003[†] “Highway Bypasses and Business Changes in Oklahoma” Southwest Division Meeting, Association of American Geographers. Stillwater, OK, October 24.
- 2003 “Hypothesis-Based Learning (HBL) in Earth Science.” Great Plains/Rocky Mountain Division Meeting, Association of American Geographers. Manhattan, KS, October 4.
- 2003 “Hypothesis-based Earth Science through Polaris.” 99th Annual Meeting, Association of American Geographers. New Orleans, LA, March 7.

- 2003[†] “A State Level Model for the Analysis of Highway Bypasses.” 99th Annual Meeting, Association of American Geographers. New Orleans, LA, March 6.
- 2002[†] “Professional Sports Stadium Construction: Boom or Bust?” 98th Annual Meeting, Association of American Geographers. Los Angeles, CA, March 20.
- 2001[†] “Business Impacts of Highway Bypasses.” 24th Annual Applied Geography Conference. Ft. Worth, TX, November 15.
- 2001[†] “Analysis of the Socioeconomic Impacts of Highway Bypasses.” 97th Annual Meeting, Association of American Geographers. New York, NY, March 1.
- 2000[†] “Modeling the Socioeconomic Impacts of Highway Bypasses using GIS.” 96th Annual Meeting, Association of American Geographers. Pittsburgh, PA, April 7.
- 2000 “Sports Stadiums and Downtown Land Use: The Case of Charlotte, NC.” 96th Annual Meeting, Association of American Geographers. Pittsburgh, PA, April 7.
- 1999 “Downtown Revitalization and Major League Sports: Can Small Cities Keep Up with the New Yorkers?” 22nd Annual Applied Geography Conference. Charlotte, NC, October 14.
- 1998[†] “Major League Sports and Urban Hierarchies.” Southwest Division Meeting, Association of American Geographers. Baton Rouge, LA, October 30.
- 1998[†] “The Changing Intra-Urban Geography of Professional Sports Facilities: A Downtown Renaissance?” 94th Annual Meeting, Association of American Geographers. Boston, MA, March 28.
- 1998[†] “Boom Times for the Downtown? The Geography of Professional Sports Facilities.” Southwest/Texas Popular Culture Association Meeting. Lubbock, TX, January 31.
- 1997[†] “Spatial Patterns and Implications of Professional Sports Facility Construction.” 93rd Annual Meeting, Association of American Geographers. Ft. Worth, TX, April 3.
- 1996[†] “Coefficient Bias from Non-Survey Regional Input-Output Table Estimation.” 92nd Annual Meeting, Association of American Geographers. Charlotte, NC, April 11.
- 1995[†] “Regional Variations in U.S. Technology.” 91st Annual Meeting, Association of American Geographers. Chicago, IL, March 15.
- 1994[†] “Trade and Technological Variations between Different Industries in Different Regions.” 90th Annual Meeting, Association of American Geographers. San Francisco, CA, April 2.

- 1993[†] “Building Interregional Input-Output Models at the Subnational Level.” 89th Annual Meeting, Association of American Geographers. Atlanta, GA, April 7.
- 1991 “An Alternative to Aggregated Base Tables in Input-Output Table Regionalization.” 38th North American Meetings, Regional Science Association. New Orleans, LA, November 8.
- 1991[†] “Choosing a Base National Table for Constructing Regional Input-Output Models.” 87th Annual Meeting, Association of American Geographers. Miami, FL, April 15.

Assessment Conference Workshop Presentations Given:

- 2008[†] “Implementing an Authentic Assessment Strategy to Improve Students’ Achievement of General Education Learning Goals.” International Assessment & Retention Conference, National Association of Student Personnel Administrators (NASPA), Scottsdale, AZ, June 12.
- 2008[†] “Using Institutional Portfolios to Assess Students’ Achievement of General Education Learning Outcomes.” Workshop at 2008 Annual Forum of the Association for Institutional Research (AIR), Seattle, WA, May 25.

Other/Invited Presentations and Colloquia Given:

- 2013 “Policies and Practices in Grading.” Session presented at the OSU GTA Conference on Teaching, Stillwater, OK, August 14.
- 2012 “Road Characteristics: Impact on Crash Fatality.” Poster presentation at ODOT-OTC Transportation Research Day, Oklahoma City, OK, October 11.
- 2010 “Spatial Analysis, Here and Now.” Colloquium, Department of Statistics, Stillwater, OK, November 19.
- 2010 “Transportation Quality and Socioeconomic Conditions: A Case Study.” Presentation at ODOT-OTC Transportation Research Day, Oklahoma City, OK, October 14.
- 2010 “Oklahoma’s Transportation Infrastructure: Inventory and Impacts.” Site visit of federal Research and Innovative Technology Administration (RITA) to OTC, Norman, OK, March 30.
- 2009 “General Education Overview.” Report at OSU Spring General Faculty Meeting, Stillwater, OK, April 21.
- 2009 “General Education Assessment at OSU: Development and Implementation.” Presentation to Tulsa Community College’s Institutional Effectiveness Committee, Tulsa, OK, March 3.

- 2005 “Analyzing Impacts of Highway Construction Activities in Oklahoma.”
Presentation at OTC Policy Board meeting, Stillwater, OK, April 20.
- 2004 “Effective Departmental Outcomes Assessment.” Presentation sponsored by the
OSU Assessment Council, Stillwater, OK, October 14.
- 2002 “Modeling Highway Bypass Impacts in Small Communities.” Colloquium,
Department of Geography, Stillwater, OK, February 25.
- 2002 “Analyzing Socioeconomic Impacts of Highway Construction Activities in
Oklahoma: Phase I.” Presentation at OTC Policy Board meeting, Oklahoma
City, OK, November 8.

Campus Workshops Led:

- 2019 “Program Assessment in the College of Human Sciences.” April 16.
- 2019 “Program Assessment in the College of Arts & Sciences.” April 10.
- 2015 “How to Organize a Faculty-led International Study Abroad Course.” Workshop
sponsored by Arts & Sciences Outreach, Stillwater, OK, October 28.
- 2014- “Diversity Assessment.” Provost’s Faculty Development Initiative: Focus on
2015 General Education Learning Goals, Year 7, Stillwater, OK:
(1) October 2, 2014 (2) October 30, 2014 (3) April 16, 2015
- 2013- “Diversity Assessment.” Provost’s Faculty Development Initiative: Focus on
2014 General Education Learning Goals, Year 6, Stillwater, OK:
(1) September 26, 2013 (2) October 24, 2013 (3) April 17, 2014
- 2013 “Using Capstone experiences for Program Assessment.” Workshop sponsored
by Office of University Assessment and Testing, Stillwater, OK, November 15.
- 2012- “Diversity Assessment.” Provost’s Faculty Development Initiative: Focus on
2013 General Education Learning Goals, Year 5, Stillwater, OK:
(1) September 27, 2012 (2) October 25, 2012 (3) April 18, 2013
- 2011- “Diversity Assessment.” Provost’s Faculty Development Initiative: Focus on
2012 General Education Learning Goals, Year 4, Stillwater, OK:
(1) September 28, 2011 (2) October 26, 2011 (3) April 23, 2012
- 2011 “Best Practices in Program Assessment.” Workshop sponsored by Office of
University Assessment and Testing, Stillwater, OK, March 29.
- 2010- “Diversity Assessment.” Provost’s Faculty Development Initiative: Focus on
2011 General Education Learning Goals, Year 3, Stillwater, OK:
(1) September 23, 2010 (2) October 28, 2010 (3) April 22, 2011

- 2010 “General Education Assessment Results 2009.” Workshop sponsored by Office of University Assessment and Testing, Stillwater, OK, March 26.
- 2009- “Diversity Assessment.” Provost’s Faculty Development Initiative: Focus on
2010 General Education Learning Goals, Year 2, Stillwater, OK:
(1) September 15, 2009 (2) October 27, 2009 (3) April 19, 2010
- 2009 “General Education Assessment: Progress and Prospects.” Workshop sponsored by General Education Assessment Committee, Stillwater, OK, February 24.
- 2008 “Assessment of Diversity Learning Outcomes for General Education Outcomes Assessment at OSU.” Institute for Teaching and Learning Excellence, Faculty Development Certificate Series, Stillwater, OK, October 17.
- 2008- “Diversity Assessment.” Provost’s Faculty Development Initiative: Focus on
2009 General Education Learning Goals, Year 1, Stillwater, OK:
(1) September 9, 2008 (2) October 14, 2008 (3) April 22, 2009
- 2008 “Diversity Assessment in General Education.” Workshop sponsored by General Education Assessment Committee, Stillwater, OK, February 22.

TEACHING AND ADVISING

Courses Taught at OSU

Course Type	Course Number	Course Name	Students enrolled	Sections taught	Dates
Active Classes	GEOG 1713 ¹	World Regional Geography	2459	28	1994-2020
	GEOG 2890 ²	Honors Experience: WRG	37	3	2017-2019
	GEOG 3333	Spatial Analysis	494	26	1994-2019
	GEOG 5303 ³	Geographic Analysis I	294	26	1995-2020
	GEOG 6303	Geographic Analysis II	36	7	2004-2016
Independent Study	GEOG 4930	Readings	23	n/a	1994-2007
	GEOG 4940	Undergraduate Internship	33	n/a	1994-2017
	GEOG 4993	Senior Honors Thesis	2	n/a	2010, 2019
	GEOG 5000	Thesis	39	n/a	1994-2020
	GEOG 5510	Research Problems	11	n/a	1994-2018
	GEOG 5930	Readings	4	n/a	2015-2019
	GEOG 5940	Graduate Internship	14	n/a	1994-2015
	GEOG 6000	Doctoral Diss. Research	51	n/a	2009-2020
	GEOG 6930	Readings in Geography	6	n/a	1994-2016
	HONR 3000	Honors Thesis Preparation	1	n/a	2009
Study Abroad	GEOG 4600	Geography Study Abroad	34	7	2013-2019
	GEOG 5700	Geography Study Abroad	6	5	2013-2019
Inactive	A&S 1111	Freshman Orientation	25	1	1999
	GEOG 3033	Meteorology	621	22	1995-2017
	GEOG 3163	Economic Geography	236	9	1994-2002
	GEOG 5001 ⁴	Professional Development	15	3	2003-2018
I&CS	GEOG 1113D	Intro. to Cultural Geography	73	n/a	1999-2003
	GEOG 1113E	Intro. to Cultural Geography	62	n/a	2003-2011
	GEOG 2253B	World Regional Geography	38	n/a	1999-2005
	GEOG 2253D	World Regional Geography	8	n/a	2005-2011
Totals			4604	134	

Previous course numbers: 1 – 2253 and includes GLST 1713, 2 – 4930, 3 – 5313, 4 – 5450

Teaching Evaluation Summaries (through 2019)

Question	Instructor Rating	1713	3033	3333	5303	6303
6	Prep. and org.	3.72	3.74	3.82	3.73	3.72
7	Teaching effort	3.62	3.69	3.73	3.72	3.96
8	Present. Material	3.53	3.54	3.52	3.51	3.79
9	Know. of Subject	3.73	3.74	3.80	3.78	3.65
10	Explanation of Subject	3.55	3.59	3.43	3.43	3.86
11	Attitude	3.63	3.69	3.62	3.55	4.00
12	Overall	3.61	3.63	3.60	3.61	3.93
Course Rating		1713	3033	3333	5303	6303
13	Learned a lot	3.40	3.51	3.54	3.62	3.90
14	Workload appropriate	3.43	3.44	2.77	3.10	3.86
15	Assignments useful	3.44	3.46	3.42	3.47	3.83
16	Testing & Eval. good	3.38	3.41	3.31	3.45	3.81
17	Involved students	3.24	3.35	3.38	3.53	3.90
18	Worthwhile	3.35	3.43	3.28	3.47	3.86
19	Overall	3.45	3.48	3.37	3.52	3.86
Number of respondents		1,639	177	248	188	29
Number of sections		22	6	20	20	6

The values above are weighted averages of individual course evaluations (4.0 scale).

Advising

Doctoral: 7 committees in progress: 7 in Geography (2 as chair)
21 committees completed (5 as chair) ([†] indicates chair):

- 2021 Qinyue Pan, Ph.D., Geography
- 2019 Puja Jana, Ph.D., Geography
- 2019[†] Gustavo A. Ovando Montejó, Ph.D., Geography. Dissertation: *Landscape Examination of Urban Configuration through the Application of Spatial Metrics.*
- 2018[†] Stephanie E. Heald, Ph.D., Geography. Dissertation: *Spatial Patterns of Mental Health Treatment in Oklahoma.*
- 2018 Yun Zhao, Ph.D., Geography
- 2016 Zhengyu Cai, Ph.D., Economics
- 2015 Adam A. Payne, Ph.D., Geography
- 2014 William R. Flynn, Ph.D., Geography
- 2014[†] Steven P. Ericson, Ph.D., Geography. Dissertation: *The Impact of an Urban University and its Neighborhood: A Case Study of Georgia State University and Downtown Atlanta.*
- 2014[†] Victoria Lightfoot, Ph.D., Geography. Dissertation: *The Value of Walkability in Midtown Tulsa.*
- 2014 Olé J. Forsberg, Ph.D., Statistics
- 2013 Leonard Bombom, Ph.D., Geography
- 2013 Jing Wang, Ph.D., Economics
- 2012 Weiping Li, Ph.D., Geography
- 2011[†] Stacey R. Brown, Ph.D., Geography. Dissertation: *Are Oklahoma City Residents OK? A Socio-spatial Analysis of Physicians and Supermarkets via Accessibility and Affordability.*
- 2011 Gary D. Hatfield, Ph.D., Statistics
- 2009 Kaowen Chang, Ph.D., Health, Leisure and Human Performance
- 2008 A. Dean Monroe, Jr., Ph.D., Environmental Science
- 2008 Yu Yihua, Ph.D., Economics
- 2007 Jess C. Porter, Ph.D., Geography
- 1997 Paul R. Burger, Ed.D, Higher Education

Masters: 2 committees in progress (1 as chair)
56 committees completed (8 as chair) ([†] indicates advisor):

- 2020[†] Nicole Pauley, M.S., Geography. Thesis: *Assessing Functional Diversity of a Managed Forest-Savanna Landscape Using Remote Sensing Techniques.*
- 2019[†] Lindsay M. King, M.S., Geography. Thesis: *Examining Tornado Vulnerability and Index Validation in Oklahoma Using Components of the Social Vulnerability Index.*
- 2019[†] Tessa D. Cook, M.S., Geography. Thesis: *The Impacts of Public-Private School Choice on Public Schools in the St. Louis Area.*
- 2009[†] Amy K. Graham, M.S., Geography. Thesis: *Measuring the Spatial Dimensions of Poverty in Oklahoma.*

- 2006[†] Pamela D. Skraastad-Jurney, M.S., Geography. Thesis: *The Spatial Equity of Parks in Oklahoma City.*
- 2002[†] René Carlsen, M.S., Geography. Thesis: *Land Use Change Surrounding the Denver International Airport Between 1990 and 2000.*
- 2001[†] A. Dean Monroe, Jr., M.S., Geography. Thesis: *Oklahoma Freemasonry: A Geographic Analysis.*
- 1996[†] James Matthew Bell, M.S., Geography. Thesis: *A Locational Analysis of Corporate Producer Services in the Dallas, Texas Metroplex.*

Undergraduate:

- 205 B.S. and B.A. degrees completed 1996-2010 (as Undergraduate Advisor)
- 117 Geography minors completed 1999-2010 (as Undergraduate Advisor)
- 2 Senior Honors Theses:
- 2019 Katherine Henry, B.S., Geography. *Anthropogenic Influence on Climate Change Induced Drought in the American Southwest*
- 2010 Peter D.A. Wood, B.S., Geography. *Cocaine in Europe: Trafficking Through Spain and its Role in a Global Context.*

Teaching and Advising Awards (all at OSU)

- 2019 UAT Award for Excellence in Academic Program Assessment
- 2018 CAS Award for Excellence in Program Assessment
- 2015 GPSGA Outstanding Graduate Coordinator (Runner-up)
- 2013 GPSGA Outstanding Graduate Coordinator (Recipient)
- 2008 Regents Distinguished Teaching Award
- 2008, 1998 Outstanding Faculty Advisor, College of Arts & Sciences
- 2019 Outstanding Faculty Member, Department of Geography
- 2018, 2015, 2013, 2012
- 2006, 2005, 1999, 1998

Certificates (at OSU)

- 2011 Faculty Certificate in Program Outcomes Assessment

Honor Societies (as student)

- 1991 Phi Kappa Phi, The Ohio State University
- 1987 Phi Beta Kappa, Indiana University

SERVICE

Committees, Coordinatorships, Board Memberships

Department:

2018 - present	Curriculum Committee
2015 - present	Associate Department Head
1995 - present	Awards Committee (Chair)
2010 - 2020	Coordinator of Graduate Studies, including Group IV Graduate Faculty Department Representative, Graduate Outcomes Assessment Coordinator, and Graduate Internship Coordinator
2013 - 2015	Party, Alumni, & Recruiting Coordinator (PARC), including Geography Club Advisor, Geography Newsletter Editor
1997 - 2002, 2005 - 2017	Internship Coordinator “
2012 (Jan.-June)	Interim Department Head
2013 - 2015 1995 - 2010	Undergraduate Committee Undergraduate Advisor, including Undergraduate Committee Chair and Undergraduate Outcomes Assessment Coordinator
1996 - 1997, 1999 - 2001, 2004 - 2005, 2008 - 2009, 2011 - 2013,	Personnel Committee “ “ “ (Chair) “
1994 - 1995, 2001 - 2006	Faculty Secretary “

College:

2018 - 2022	Graduate College Group IV (Secretary, Vice Chair, and Chair)
2008 - present	College of Education Professional Education Council (PEC)
1999 - 2002	A&S Faculty Council Scholarship Committee
1998 - 1999	A&S Faculty Council Curriculum Committee (Chair)
1996 - 1999	A&S Faculty Council (Geography representative)

University:

2012 - present	Treasurer, Gamma of Oklahoma Chapter, Phi Beta Kappa
2005 - present	Committee for Assessment of General Education (CAGE) (Chair 2008-2017, Vice-Chair 2017-present)
2004 - present	Assessment and Academic Improvement Council (AAIC)
2003 - 2016	Portfolio Reviewer for General Education Assessment: - Writing 2003, 2004, 2009, 2011, 2014 - Diversity 2006, 2007, 2008, 2010, 2013, 2016 - Critical Thinking 2005, 2012
2017	Search Committee, Director of University Assessment & Testing
2000 - 2015	General Education Advisory Council (GEAC)
2013 - 2014	Search Committee (Chair), Director of University Assessment & Testing
2011 - 2013	General Education Task Force
2012	Assessment of Undergraduate Student Learning Task Force
2010	Search Committee, Associate Provost & Associate Vice President for Undergraduate Education
2006 - 2010	Academic Integrity Panel
2009	Search Committee, Director of University Assessment & Testing
2008 - 2009	Faculty Council (partial term – filled open position)
2008 - 2009	Faculty Council Academic Standards and Policies Committee
2002 - 2005	Self-Study Core Team, Accreditation, Higher Learning Commission of the North Central Association of Colleges and Schools; Chair of Criterion 3 Committee
2003 - 2005	Academic Appeals Board (Chair 2004 - 05)
2001 - 2005	Residential Life Faculty Associate
2003 - 2004	Strategic Planning Steering Committee
2000 - 2003	Faculty Council, including: - Faculty Council Budget Committee (Chair 2001 - 02)

National/Professional:

2014 - present	Board of Directors, Applied Geography Conferences (Secretary 2019 – present)
2014, 2011, 2010	Reviewed grant proposals for NSF
2001 - 2004	Board of Directors, Spatial Analysis and Modeling Specialty Group (SAM), Association of American Geographers (AAG).
1998 - 2001	Vice-Chair/Treasurer, SAM Specialty Group, AAG.
1996 - 1998	Board of Directors, Mathematical Models and Quantitative Methods (MMQM) Specialty Group, AAG.

Journals

Associate Editor:

2009 - present	<i>International Journal of Applied Geospatial Research</i>
2017 - present	<i>Papers in Applied Geography</i>

Manuscript Reviewer:

2020	<i>Journal of Geography</i>
2020, 2019, 2017-2013, 2009-2010, 2007-2004	<i>Papers in Applied Geography</i>
2018-2019, 2016, 2012 - 2010	<i>International Journal of Applied Geospatial Research</i>
2017	<i>Applied Geography</i>
2017	<i>GeoJournal</i>
2016, 2015	<i>The Southwestern Geographer</i>
2014, 2010, 2006	<i>Southeastern Geographer</i>
2012, 2009, 2006	<i>The Professional Geographer</i>
2010	<i>Global Networks: A Journal of Transnational Affairs</i>
2010	<i>Journal of Cultural Geography</i>
2010, 2007	<i>Polar Geography</i>
2007, 2006, 2004 1999	<i>Geographical Analysis</i>
2006	<i>The Geographical Bulletin</i>
2004	<i>Journal of Statistics Education</i>
2000	<i>Sport Place</i>
1993	<i>Growth and Change</i>

Outreach/Service

2015 - 2016 Judge, Student Papers/Posters, OSU Research Symposium

2017 - 2019, 2009 - 2015, 2001 - 2005, 1998 - 1999
Judge or Moderator, Oklahoma Geographic Bee

INTERNATIONAL TRAVEL

- 2019 Personal Travel in Ireland (Counties Clare & Cork), June 22-July 6
- 2019 Study Abroad in Italy and the Balkans (Belgrade, Sarajevo, Zagreb, Ljubljana, Tirana, Budva, Kotor, Dubrovnik, Hvar, Rome, and Pompeii), May 28-June 13
- 2018 Personal Travel in Northern Ireland (Belfast, Derry) and Ireland (Westport, Galway, Cork, Dublin), June 27-July 8.
- 2018 Study Abroad in Russia and the Baltics (Moscow, St. Petersburg, Tallinn, Helsinki, Oslo, Malmo, Copenhagen), May 14-31
- 2017 Study Abroad in Iberia (Andorra; Barcelona, Zaragoza, Madrid, Córdoba, Seville, Granada, Costa del Sol, Lisbon; Tétouan, Morocco), May 25- June 9
- 2017 Exploratory Trip to Iceland (Reykjavik), January 12-17
- 2016 Personal Travel in France (Paris, Normandy) and Switzerland (Geneva, Lucerne), July 8-20
- 2016 Study Abroad in Cuba (Havana, Viñales Valley), March 12-19
- 2015 Study Abroad in Eastern Europe (Budapest, Kraków, Prague, Vienna), May 18-29
- 2014 Study Abroad in Western Europe (Amsterdam, Paris, London), May 19-28
- 2013 Personal Travel in Ireland (Shannon, Galway, Dublin) and England (London, Bath, Stonehenge), June 27-July 11
- 2013 Study Abroad in Central Europe (Frankfurt, Spa, Cologne, Berlin, Nuremberg, Munich, Salzburg), May 13-21
- 2012 Personal Travel in Italy (Rome, Florence, Venice, Stresa) and Switzerland (Lugano, Como), July 11-25
- 2011 Study Abroad in Southern Europe (Rome, Naples, Delphi, Athens), May 11-20

CONSULTING (via FinCo Geodemographics, L.L.C.)

Presentations:

- 2018 “Stillwater Public Schools Population Projection 2018-2033.” Final report, Stillwater School Board Meeting, Stillwater, OK, May 8.
- 2018 “Jenks Public Schools Population Projection 2018-2028.” Final report, Jenks School Board Meeting, Jenks, OK, May 2.
- 2012 “Stillwater Public Schools Elementary Attendance Zone Reconfiguration and Enrollment Study.” Final report, Stillwater School Board Special Meeting, Stillwater, OK, August 14.
- 2012 “Jenks Public Schools Population Projection 2012-2022.” Final report, Jenks School Board Meeting, Jenks, OK, May 7.
- 2008 “Stillwater Public Schools Elementary Attendance Zone Reconfiguration.” Final report, Stillwater School Board Meeting, Stillwater, OK, June 10.
- 2008 “Stillwater Public Schools Elementary Attendance Zone Reconfiguration and Population Study.” Preliminary report, Stillwater School Board Meeting, Stillwater, OK, May 13.
- 2007 “Jenks Public Schools Population Projection 2007-2022.” Final report, Jenks School Board Meeting, Jenks, OK, December 3.
- 2004 “Demographic Study of Stillwater: Update.” Stillwater School Board Long Range Facility Committee, Stillwater, OK, November 2.
- 2002 “Demographic Study of Stillwater.” Final report, Stillwater School Board Meetings, Stillwater, OK, November 19 and 21.

Reports:

- 2018 *Stillwater Public Schools Enrollment Projections 2018-2033*
- 2018 *Jenks Public Schools Enrollment Projections 2018-2028*
- 2014 *Jenks Public Schools Elementary Attendance Zone Reconfiguration*
- 2014 *Jenks Public Schools Enrollment Projections 2014-2024*
- 2012 *Stillwater Public Schools Elementary Attendance Zone Reconfiguration and Enrollment Study*
- 2012 *Jenks Public Schools Enrollment Projections 2012-2022*
- 2008 *Stillwater Public Schools Elementary Attendance Zone Reconfiguration and Population Study*

- 2007 *Jenks Public Schools Population Projection 2007-2022*
- 2004 *Revised Demographic Study of the Stillwater Public School District*
- 2002 *Demographic Study of the Stillwater Public School District*
- 2001 *2001 Stillwater Public School District Ward Boundaries*