

Thomas A. Wikle

PERSONAL INFORMATION

College of Arts and Sciences Dean's Office
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Department of Geography
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EDUCATION

Ph.D., Geography, Southern Illinois University, Carbondale 1989
M.A., Geography, California State University, Fullerton 1985
B.A., Anthropology and Geography, University of California, Santa Barbara 1983
Certified Mapping Scientist, GIS/LIS (ASPRS No. 119)

COURSES TAUGHT

Physical Geography (GEOG 1114)
Cartography (GEOG 3313)
Conservation of Natural Resources (GEOG 3153)
Traveling and Telling: The Art of the Narrative (GEOG 3910)
Geography of Outdoor Recreation (GEOG 4153)
Computer Mapping (GEOG 4323)
Geographic Information Systems (GEOG 4343)
Resource Management in the National Parks (GEOG 4163/5163)
Seminar in Emergency Management (POLS 5300)

RESEARCH INTERESTS

cultural geography, language variation and change, geographic information science and technology (GIS&T) in higher education, natural resources management

ACADEMIC AND ADMINISTRATIVE EXPERIENCE

Associate Dean, College of Arts and Science, Oklahoma State University, 2000-present
Interim Head, Department of Plant Biology, Ecology, and Evolution, 2016-17
Director, BA/BS in Liberal/Multidisciplinary Studies, 2005-present
Head, Department of Geography, Oklahoma State University, 1994-2000
Professor, Department of Geography, Oklahoma State University, 1998-present
Associate Professor, Department of Geography, Oklahoma State University, 1993-98
Assistant Professor, Department of Geography, Oklahoma State University, 1989-93

PROFESSIONAL AWARDS

Instruction

Distinguished Teaching Achievement Award, National Council for Geographic Education 1997

Regents' Distinguished Teaching Award, Oklahoma State University 1996

Gamma Theta Upsilon Outstanding Teacher, OSU Department of Geography 1990, 93, 94

Service

Faculty Associate of the Year, OSU Residential Life 2001

REFEREED ARTICLES

Wikle, T. and Sinton, D. (forthcoming). "The Administration of Academic GIS Certificates: A Survey of Program Coordinators," Transactions in GIS

Fagin, T.; Wikle, T. and Mathews, A. (forthcoming). "Emerging Geospatial Technologies in Instruction and Research: An Assessment of U.S. and Canadian Geography Departments and Programs," Professional Geographer

Mathews, A. and Wikle, T. 2019. "GIS&T Pedagogies and Instructional Challenges in Higher Education: A Survey of Educators," Transactions in GIS 23:892-907. DOI: 10.1111/tgis.12534

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Wikle, T. 2018. "Reimagining Zimbabwe's Cape-to-Cairo Railroad," Focus on Geography 61(<https://focusongeography.org/publications/articles/zimbabwe/index.html>) DOI: 10.21690/foge/2018.61.2f

Mathews, A. and Wikle, T. 2017. "Assessing Professional Benefits of GIS Certification," Cartography and Geographic Information Science 44(5):452-462. DOI: 10.1080/15230406.2016.1185742

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Craig, T. and Wikle, T. 2016. "Perceptions and Practices: Employers, Educators, and Students on GIS Internships," Transactions in GIS 20(6):948-961. DOI: 10.1111/tgis.12201

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Wikle, T. and Fagin, T. 2015. "Hard and Soft Skills in Preparing GIS Professionals: Comparing Perceptions of Employers and Educators," Transactions in GIS 19(5):641-652. DOI: 10.1111/tgis.12126

Wikle, T. 2015. "Tobacco Farming, Cigar Production and Cuba's Viñales Valley," Focus on Geography 58(4):153-162. DOI: 10.1111/foge.12058

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- Wikle, T. and Fagin, T. 2014. "GIS Course Planning: A Comparison of Syllabi at U.S. Colleges and Universities," Transactions in GIS 18(4):574-585. DOI: 10.1111/tgis.12048
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- Fagin, T. and Wikle, T. 2012. "Lands of Meat and Oil: Conservation, Resource Management, and America's National Grasslands," Focus on Geography 55(2):41-47. DOI: 10.1111/j.1949-8535.2012.00043.x
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- Wikle, T. 2011. "Planning Considerations for Online Certificates and Degrees in GIS," URISA Journal 22(1):21-30.
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Wikle, T. and Bailey, G. 2010. "Mapping North American English," pp. 62-76 In A. Lameli, R. Kehrein and S. Rabanus (eds), Language and Space. Vol. 2: Language Mapping. Berlin: Walter de Gruyter.

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Bailey, G.; Wikle, T.; Tillery, J.; and Sand, L. 1996. "The Linguistic Consequences of Catastrophic Events: An Example from the American Southwest," pp. 435-451 In J. Arnold, R. Black, B. Davidson, S. Schwenter, and J. Solomon (eds), Sociolinguistic Variation: Data, Theory and Analysis. Stanford, CA: CSCI Publications.

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and P.D. Weingart, Designation and Management of Park and Wilderness Reserves. 4th World Wilderness Congress. International Wilderness Leadership Foundation, University of Idaho.

OTHER ARTICLES

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Bays, B. and Wikle, T. 2017. Thematic Survey of Oklahoma's World War II Training Fields, 1941-1945. Project #16-404. State Historic Preservation Office, Oklahoma Historical Society.

Phillips, B.; Greene, D.M.; Gull, T.; Neal, D. and Wikle, T. 2013. "Animal Protection in Wildfires," Quick Response Report #235, Natural Hazards Center, University of Colorado, Boulder.

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Bality, A.; Caneday, L.; Fite, E.; Wikle, T.; and Yuan, M. 1998. The Illinois River Management Plan. Oklahoma Scenic Rivers Commission. 94p.

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Wikle, T. (ed.) 1991. Atlas of Oklahoma. Department of Geography, Oklahoma State University, 180p.

GRANT FUNDING

Oklahoma Department of Tourism and Recreation: "2017 SCORP Project for Oklahoma," \$200,002 (Co-PI with Adam Mathews), 2016-18.

Oklahoma Historical Society: "Thematic Survey of Oklahoma's WWII Training Airfields, 1941-45," \$15,000 (Co-PI with Brad Bays), 2016-2017.

Howard Hughes Medical Institute: "OSUteach," \$1,450,000 (Co-PI with Pamela Carroll, Bret Danilowicz, Steve Marks, Kristen Baum, Julie Angle, Julie Utley, Thomas Jordan, Toni Ivey, John Mintmire, James Donoghue, Alan Noell, John Gelder, Lisa Mantini, and Doren Recker), 2015-19.

Oklahoma Department of Tourism and Recreation: "RMP/GIS Project for Oklahoma State Parks," \$340,920 (Co-PI with Adam Mathews, Hung-Ling Liu, and I-Chun Wu), 2015-16.

Natural Hazards Center, University of Colorado at Boulder: "Animal Evacuation in the 2012 Oklahoma Wildfires," \$2,000 (Co-PI with Brenda Phillips, David Neal, Dana Greene and Tamara Gull), 2012-13.

National Science Foundation (SES-0554925): "Establishment and Operation of Shelters Serving Socially Vulnerable Populations: A Socio-spatial Analysis," \$60,609 (Co-PI with Brenda Phillips, Betty Morrow, and Lynn Pike), 2005-07.

OSU Center for the Study of Disasters and Extreme Events: "A Spatial Analysis of Shelter Locations Following Hurricane Katrina," \$1,500, 2005-06.

National Geographic Society (0551-05), Oklahoma Geography Education Fund: "Institute for Teaching GIScience," \$16,872, 2005-06.

National Science Foundation (DGE-0336934): "Rural Alliance for Improving Science Education," \$1,832,496 (PI with Joel Helmer and John Steinbrink), 2003-07.

National Science Foundation (DUE-0127073): "GPS Tools for Geographers," \$105,693 (Co-PI with Michael Myers), 2002-05.

National Science Foundation (SES-0139277): "REU Site for GIS and Soil/Water Research," \$188,998 (PI with Michael Myers), 2002-05.

U.S. Department of Education, Star Schools Program: "Hypothesis-based Earth Science for Middle School Teachers," \$235,000 (PI with Richard Marston), 2001-02.

National Geographic Society, Committee for Research and Exploration (6413-99): "Field Interviews for a Survey of Texas Dialects," \$12,870 (PI with Jan Tillery, Guy Bailey, and Lori Boykin), 1999-02.

National Science Foundation (SES-9820613): "Applying GIS to Hydrology and Water Resources," \$134,000, 1999-02.

National Geographic Society, Oklahoma Education Fund: "Where Geography Can Take You: An Interactive CD-ROM," \$8,746 (Co-PI with Alyson Greiner), 1999.

National Science Foundation and OSU (USE-9750432): "Simulations Laboratory for Undergraduate Instruction in Geography," \$36,000 (PI with Dale Lightfoot and Stephen Stadler), 1997-99.

Association of American Geographers, Research Grants Committee: "A Field Survey of Texas Dialects: Phase I," \$785, 1998-99.

Conoco Inc.: "A GIS System for Modeling Environmental Hazards Along Rivers in Oklahoma," \$93,319 (Co-PI with Allen Finchum), 1996-98.

National Park Service: "A Water Resource Management Plan for the Chickasaw National Recreation Area," \$50,000 (PI with Michael Nicholl), 1996-98.

National Science Foundation and OSU (STI-9415160): "Renovation and Modernization of Facilities for GIS and Remote Sensing Research at Oklahoma State University," \$320,000 (PI with Stephen Stadler and David Waits), 1995-98.

National Science Foundation and OSU (USE-9452441): "Undergraduate Field Program for Implementing Global Positioning System Technology," \$31,124 (PI with David Waits, Lawrence Gering, and Joseph Seig), 1994-96.

Oklahoma Department of Tourism and Recreation: "Geographic Information System Development in Tourism and Recreation," \$10,000, 1994-95.

OSU Energy Center: "A State-wide GIS Needs Assessment in Oklahoma," \$7,912, 1993-94.

National Park Service and Oklahoma Scenic Rivers Commission: "Data Compilation for the Illinois River Management Plan," \$28,100 (PI with Lowell Caneday), 1993-95.

National Geographic Society, Committee for Research and Exploration (5028-93): "Field Interviews for a Survey of Oklahoma Dialects," \$11,250 (Co-PI with Guy Bailey), 1993-94.

OSU Curriculum Innovation Grant: "Developing Synergistic Exercises for Teaching Land and Atmospheric Information," \$5,560, 1992.

National Science Foundation and OSU (USE-9151669): "Undergraduate Training Facility for Land and Atmospheric Information," \$64,000 (PI with Stephen Stadler), 1991-93.

OSU College of Arts and Sciences Dean's Incentive Grant: "Designing a Microcomputer Geographic Information System for Recreation Resource Management," \$3,000, 1991.

The University GIS Curriculum Program - Generation 5 Technology: "Developing a Curriculum in Geographic Information Systems," \$13,800 (software), 1990.

OSU Regents Water Grant: "Watershed Planning Within the Illinois River Basin Using a Geographic Information System," \$4,500, 1990.

OSU College of Arts and Sciences Dean's Incentive Grant: "A Geographic Information System for Mitigating Environmental Damage along the Illinois River," \$3,000, 1990.

Technology Transfer Grant, Facility Mapping Systems Inc, (software), \$14,000, 1990.

Consortium of Oklahoma Geographers: "Atlas of Oklahoma Project," \$1,000, 1989.

MapInfo Educational Grant, MapInfo Corporation, \$3,500 (software), 1989.

OSU College of Arts and Sciences Dean's Incentive Grant: "Equity in the Allocation of Recreation Opportunities," \$3,000, 1989.

As Research or Faculty Associate:

National Science Foundation: "Urbanization and Language Change," (Guy Bailey, PI), 1992.

SIU-C Office of Research and Development: "Conflicting Uses and Equity in Rationing Among Wild River Users," 1988.

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Comer, J.; Larson, M and Wikle, T. 2019. Maps Published in Geography Journals, 1987-2017: A Longitudinal Analysis." SWAAG, Fort Worth, TX

Larson, M.; Wikle, T.; Penna, G., and Pennington, A. 2018. "A Longitudinal Analysis of Maps Published in Geography Journals, 1987-2017." Applied Geography Conference, Kent, Ohio.

Comer, J. and Wikle, T. 2018. "The Looming Pilot Shortage: Pilot Production and Flight Training Facilities in the U.S." Applied Geography Conference, Kent, Ohio.

Wikle, T. and Comer, J. 2018. "The Coming Pilot Shortage: A Geographic Analysis of U.S. Flight Training Resources and Pilot Production," AAG New Orleans, LA.

Mathews, A. and Wikle, T. 2018. "GIS&T Pedagogy in Higher Education: A Survey of Educators," AAG, New Orleans, LA.

Comer, J. and Wikle, T. 2017. "Exploring Spatial Patterns of Recreational Drone Ownership," Applied Geography Conference, Port Canaveral, Florida.

Frazier, A.E.; Wikle, T.; and Kedron, P. 2017. "Exploring the Anatomy of Geographic Information Systems and Technology (GIS&T) Textbooks," SWAAG, Huntsville, TX.

Mathews, A.J. and Wikle, T. 2017. "Assessing Professional Benefits of GIS Certification," SWAAG, Huntsville, TX.

Comer, J.C. and Wikle, T. 2017. "Recreational Drone Ownership Patterns and Demographics," SWAAG, Huntsville, TX.

Wikle, T.; Comer, J. and Bailey, G. 2016. "Patterns of Linguistic Variation in the Southern Great Plains," AAG, San Francisco, CA.

Bailey, G.; Cukor-Avila, T.; Wikle, T. and Comer, J. 2016. "Vernacular Maintenance and the Apparent Time Construct," NWAWE XLVI, Vancouver, BC.

Bailey, G.; Wikle, T. and Comer, J. 2016. "The Linguistic Consequences of Demographic Change in Texas at the Turn of the 21st Century," Annual Meeting of the American Dialect Society, Washington, DC.

Comer, J. and Wikle, T. 2015. "Alleviating Congestion on Aviation Frequencies near Non-Towered Airports in the U.S.," SWAAG, San Antonio, TX.

Frazier, A. and Wikle, T. 2015. "What's in a Name: Factors Driving Geography Department Names Changes in the U.S. and Canada," SWAAG, San Antonio, TX.

Wikle, T. and Comer, J. 2015. "Evaluating Congestion on Aviation Frequencies Near Non-towered Airports," AAG, Chicago, IL.

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Wikle, T. and Comer, J. 2011. "An Assessment of Cell Towers Within and Adjacent to U.S. National Park Sites," AAG, Seattle, WA.

Comer, J. and Wikle, T. 2010. "Eyesore or Lifeline? A Study of Cell Tower Conflicts in the U.S.," SWAAG, Tahlequah, OK.

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- Wikle, T. and Comer, J. 2009. "FM Translators and the Changing Geography of Religious Radio in the U.S.," AAG, Las Vegas, NV.
- Wikle, T. and Comer, J. 2008. "The Fight for Low Powered FM Radio in the U.S.," AAG, Boston, MA.
- Greiner, A. and Wikle, T. 2008. "A Geographical Appraisal of Volunteer Activity after Katrina: Insights from Pass Christian, Mississippi," AAG, Boston MA.
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- Brown, S.; Comer, J.; and Wikle, T. 2007. "The Location of Temporary Shelters after Hurricane Katrina," Applied Geography Conference, Indianapolis, IN.
- Helmer, J and Wikle, T. 2007. "Integrating GISci Technology into the K-12 Curriculum through Community-based Projects," Geography in the Americas, La Serena, Chile.
- Wikle, T. 2007. "The Lighted Airway and Postal Aviation in the U.S.: 1924-1933," AAG, San Francisco, CA.
- Brown, S.; Comer, J. and Wikle, T. 2007. "Emergency Shelters and Socially Vulnerable Populations," AAG, San Francisco.
- Comer, J. and Wikle, T. 2006. "Global Patterns of Cell Phone Penetration and Diffusion," SWAAG, Norman, OK.
- O'Connell, S. and Wikle, T. 2006. "Collaboration and Education in GIScience," NSF GK-12 Annual Meeting, Washington, DC.
- Phillips, B.; Brown, S.; Gaete, J.; Wikle, T.; and Comer, J. 2006. Emergency Shelters and Socially Vulnerable Populations. National Science Foundation, Human and Social Dynamics Principal Investigators Meeting, Washington DC.
- Wikle, T. and Comer, J. 2006. "International Diffusion of the Cellular Telephone," AAG, Chicago, IL.
- Subanthore, A.; Wikle, T.; Phillips, B.; Neal, D.; and Hyrapiet, S. 2006. "The Boiling Ocean: Deathscapes Associated with the 2004 Indian Ocean Tsunami in Southeastern India," AAG, Chicago.
- Phillips, B.; Neal, D.; Wikle, T.; Hyapiet, S.; and Subanthore, A. 2006. "Black Water: Mass Fatality Management after the Indian Ocean Tsunami." International Sociological Association, Durban, South Africa.

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Phillips, B.; Neal, D.; Wikle, T.; Subanthore, A.; and Hyrapiet, S. 2005. "Mass Fatality Management after the Indian Ocean Tsunami, Nagapattinam, India," Ministry of Civil Defense and Emergency Management, Wellington, New Zealand.

Kang, R.; Martson, R.; and Wikle, T. 2005. "Geomorphic Impacts of Urbanization in an Ex-Urban Watershed," International Conference of the Royal Geographical Society, London.

Helmer, J. and Wikle, T. 2005. "RAISEing the Bar: Lessons Learned from Integrating GISci Technology into Rural Schools," Annual Hawaii International Conference on Social Sciences, Honolulu, HI.

Wikle, T. and Lightfoot, D. 2005. "General Aviation and U.S. Airspace Following 9/11," AAG, Denver, CO.

Helmer, J.; Wikle, T. and Steinbrink, J. 2004. "Writing a Successful NSF Graduate Education in K-12 Grant," NCGE, Kansas City, MO.

Wikle, T. 2004. "Oh, the Places You'll Go: Place Collecting, Letterboxing and Geocaching," AAG, Philadelphia, PA.

Marston, R.; Paxton, S.; Puckette, J. Comer, J.; Wikle, T. and Marston, L. 2004. "Hypothesis-based Learning (HBL) in Earth Science," Hawaii International Conference on Education, Honolulu, HI.

Puckette, J. Paxton, S.; Marston, R.; Wikle, J. 2004. "Hypothesis-based Learning (HBL): An Exciting Method for Teaching Earth Science," American Association of Petroleum Geologists, Dallas, TX.

Marston, R.; Puckette, J.; Paxton, S.; Wikle, T.; and Comer, J. 2003. "Hypothesis-based Learning in Earth Science," Great Plains Rocky Mountain Div. Meeting of the Association of American Geographers, Manhattan, KS.

Myers, M.; Pipkin, I.; Wikle, T.; Helmer, J. and Demers, B. 2003. "Applied Geography Instruction and Research through GPS Tools for Geographers," Applied Geography Conference, Ft. Collins, CO.

Tillery, J; Bailey, G; and Wikle, T. 2003. "Demographic Changes and the Methodologies Used in the Study of American Dialects," AAG, New Orleans, LA.

Myers, M; Helmer, J.; Wikle, T. and Demers, B. 2003. "GPS Tools for Geographers," AAG, New Orleans, LA.

Wikle, T.; Marston, R.; Puckette, J.; Comer, J.; Paxton, S.; and Marston, L. 2003. "Hypothesis-based Earth Science through Polaris," AAG, New Orleans, LA.

Wikle, T. 2002. "Wireless Antenna Concealment and the Stealth Tower," AAG, Los Angeles, CA.

Augello, P. and Wikle, T. 2001. "Predicting Storm Water Influence on Water Quality at Chickasaw National Recreation Area," AWRA Annual Conference, Albuquerque, NM.

Lynch, E. and Wikle, T. 2001. "Evaluating Conflict Associated with Personal Watercraft Users," Applied Geography Conference, Ft. Worth, TX.

- Wikle, T. 2001. "The Expansion and Visual Impact of Cellular Towers in the U.S.," AAG, New York City, NY.
- Finchum, G.; Halil, I. and Wikle, T. 2001. "The Status of Professional Certification in GIS," ESRI Users Conference, San Diego, CA.
- Finchum, A. and Wikle, T. 2000. "Looking Inside the GIScience Degree," SWAAG, College Station, TX
- Tillery, J.; Boykin, L.; Wikle, T.; and Bailey, G. 2000. "The Emergence of a New Dialect Pattern in Texas," NWAVE XXIX, East Lansing, MI.
- Wikle, T. 2000. "International Expansion of Rotary, Kiwanis, and Lions Clubs," AAG, Pittsburgh, PA.
- Salisbury, J. and Wikle, T. 1999. "GIS and Water Resources: The NSF Research Experiences for Undergraduates Program at Oklahoma State University," AWRA Annual Conference, Seattle, WA.
- Bays, B. and Wikle, T. 1999. "A Student Activity for Mapping Lexical Patterns in Oklahoma," Oklahoma Academy of Science Fall Technical Meeting, Oklahoma City, OK.
- Wikle, T. 1999. "Geographical Patterns of Kiwanis Membership in the U.S.," AAG, Honolulu, HI.
- Spencer, J.; Greiner, A.; and Wikle, T. 1999. "Where Geography Can Take You: An Interactive CD-ROM," Fall Meeting of the Southwestern Division of the AAG, San Marcos, TX.
- Tillery, J.; Bailey, G.; and Wikle, T. 1999. "Layers of Diffusion: the Expansion of Yall," AAG, Honolulu, HI.
- Tillery, J.; Wikle, T.; and Bailey, G. 1998. "Multiple Aspects of Diffusion: The Demographic and Linguistic Expansion of Yall," NWAVE XXVII, Athens, GA.
- Tipton, M.; Wikle, T.; and Greiner, A. 1998. "Improving the School to Career Transition for Geography Students," Oklahoma Academy of Science Fall Technical Meeting, Edmond, OK.
- Wikle, T.; Bailey, G.; Tillery, J. 1998. "Towards a Dialect Geography of Oklahoma," AAG, Boston, MA.
- Wikle, T. 1997. "A Framework for Continuing Education and Competency Programs in GIS," NCGE, Orlando, FL.
- Nord, J.; Brown, T.; Nicholl, M.; Wikle, T.; and Parker, R. 1997. "An Introduction to Water Resource Management Issues at Chickasaw National Recreation Area," Oklahoma Academy of Science Fall Technical Meeting, Chickasha, OK.
- Tillery, J.; Bailey, G.; and Wikle, T. 1997. "The Nationalization of a Southernism," South-central Modern Language Association, Dallas, TX.
- Bailey, G. and Wikle, T. 1997. "Contra-hierarchical Diffusion of Linguistic Innovations," AAG, Ft. Worth, TX.
- Koon, K. and Wikle, T. 1997. "Mapping Linguistic Innovation in Oklahoma," AAG, Ft. Worth, TX.
- Poulton, C.; Wikle, T.; and Bailey, G. 1997. "Spatial and Temporal Variation in the Oklahoma Lexicon," AAG, Ft. Worth, TX.

- Wikle, T. and Lightfoot, D. 1996. "The Stream Table in Physical Geography Instruction," NCGE, Santa Barbara, CA.
- Wikle, T.; Seig, J.; and Lambert, D. 1996. "Introducing Global Positioning System Technology Within the Geography Curriculum," AAG, Charlotte, NC.
- Seig, M.; Wikle, T.; Poulton C.; Bailey, G.; and Tillery, J. 1996. "Might Could at 1600 Pennsylvania Avenue: Spatial Distributions of Word Usage in the South," Southwestern Popular Culture Association, Tulsa, OK.
- Bailey, G.; Wikle T.; and Tillery, J. 1996. "The Persistence of Vernacular Dialects in the United States," Western Popular Culture Association, Las Vegas, NV.
- Bailey, G.; Wikle T.; and Tillery, J. 1996. "The Social Categories of Sociolinguistics," SECOL, Bryant-College Station, TX.
- Wikle, T. and Bailey, G. 1995. "Axes of Linguistic Variation in Oklahoma," AAG, Chicago, IL.
- Wikle, T. 1995. "Geographic Characteristics of Canoeing and Kayaking in the United States," Oklahoma Academy of Sciences Fall Technical Meeting, Alva, OK.
- Bailey, G.; Tillery, J.; and Wikle T. 1995. "Reversal of a Near-merger," NWAVE XXIV, Philadelphia, PA.
- Bailey, G.; Tillery, J.; Wikle, T. 1995. "The Reliability and Validity of Linguistic Self Reports," Southeastern Conference on Linguistics, Atlanta, GA.
- Bailey, G.; Wikle, T.; Tillery, J.; and Sand, L. 1995. "The Limits of the Linguistic South: A First Approximation," Southeastern Conference on Linguistics, Athens, GA.
- Wikle, T. 1994. "A Geographical Analysis of Three U.S. Environmental Organizations," Oklahoma Academy of Sciences Fall Technical Meeting, Norman, OK.
- Bailey, G.; Wikle, T.; Tillery, J.; and Sand, L. 1994. "The Consequences of Large-scale Social Processes for Language Change," NWAVE XXIII, Palo Alto, CA.
- Wikle, T. 1994. "The Spatial Distribution of Memberships in U.S. Environmental Organizations," AAG, San Francisco, CA.
- Matthews, C.; Wikle, T.; and Matthews, O. 1994. "Developing a Program to Coordinate GIS in State Agencies," Spring Meeting of the Southwestern Division of the AAG meeting in conjunction with the Southwestern Social Science Association, Albuquerque, NM.
- Bailey, G.; Wikle, T.; Tillery, J.; and Sand, L. 1994. "Methods for a Field Survey of Oklahoma Dialects," Annual Meeting of the Southeastern Conference on Linguistics, Memphis, TN.
- Wikle, T. and Bailey, G. 1993. "American Linguistic Geography," Fall Meeting of the Southwestern Division of the AAG, Fayetteville, AR.
- Wikle, T. 1993. "Quantitative Methods for Mapping Language Distributions," Language Variety in the South, Auburn, AL.
- Stadler, S. and Wikle, T. 1993. "A Convergent Approach for Geographic Education and Research," AAG, Atlanta, GA.

- Wikle, T.; Stadler S.; and Seig, J. 1992. "Developing a Multi-use Computer Laboratory for Geographic Education," Oklahoma Academy of Sciences Fall Technical Meeting, Lawton, OK.
- Stadler, S. and Wikle, T. 1992. "Convergent Desktop Technology and Its Meaning to Geographic Education and Research," Fall Meeting of the Southwestern Division of the AAG, Denton, TX.
- Bailey, G.; Wikle, T.; Tillery, J.; and Sand, L. 1992. "Using Apparent Time Data to Chart Linguistic Diffusion," NWAWE XXI, Ann Arbor, MI.
- Wikle, T.; Sand, L.; and Bailey, G. 1992. "Identifying the Focus of Linguistic Variation in Texas and Oklahoma," AAG, San Diego, CA.
- Gao, J.; Wikle, T.; and Bryant, C. 1992. "A Recreational GIS at the Philmont Scout Ranch," AAG, San Diego, CA.
- Bailey, G.; Wikle, T.; and Tillery, J. 1992. "The Concept of Linguistic Landscape," Annual Meeting of the Southeastern Conference on Linguistics, Gainesville, FL.
- Stadler, S. and Wikle, T. 1992. "Application of Simple Microcomputer Technology to Undergraduate Instruction in Geography," Symposium on Applied Computing, Kansas City, KS.
- Bailey, G.; Wikle, T.; and Sand, L. 1991. "Real and Apparent Time," Annual Meeting of the South Atlantic Modern Language Association, Atlanta, GA.
- Wikle, T. 1991. "Short-term Factors Associated with River Recreation Demand," Oklahoma Academy of Sciences Fall Technical Meeting, Durant, OK.
- Bailey, G.; Wikle, T.; and Sand, L. 1991. "A Survey of Oklahoma Dialects," South Central Modern Language Association Annual Meeting, Fort Worth, TX.
- Bailey, G.; Wikle, T.; Tillery, J.; and Sand, L. 1991. "A Methodology of a Survey of Oklahoma Dialects," Mid-America Linguistics Conference, Stillwater, OK.
- Bailey, G.; Wikle, T.; and Sand, L. 1991. "The Linguistic Landscape of Texas," Spirit of Place Conference, San Marcos, TX.
- Wikle, T. and Tian, X. 1991. "Use of a Microcomputer GIS in Measuring Land-use Change," AAG, Miami, FL.
- Wikle, T. 1990. "Developing a Computer Atlas of Oklahoma," Oklahoma Academy of Sciences Fall Technical Meeting, Tulsa, OK.
- Wikle, T. 1990. "Resource Neglect and Interagency Conflict: A Chronology of the Lake Frances Dam Failure," Fall Meeting of the Southwestern Division of the AAG, Austin, TX.
- Wikle, T. 1990. "Discrepancies in the Acceptability of Alternative River Rationing Policies," AAG, Toronto, Canada.
- Wikle, T. 1990. "A Survey of Academic Courses that Supplement Training in Geographic Information Systems," Mid-America GIS Symposium, Kansas City, MO.
- Wikle, T. 1990. "Sans Significance: Proposed or Abolished National Parks and Monuments 1917-1950," Spring Meeting of the Southwestern Division of the AAG, meeting in conjunction with the Southwestern Social Science Association, Ft. Worth, TX.

Seig, L. and Wikle, T. 1990. "Migration Trends in the Ozark Retirement Pocket," Spring Meeting of the Southwestern Division of the AAG meeting in conjunction with the Southwestern Social Science Association, Ft. Worth, TX.

Wikle, T. 1989. "Selecting Appropriate Recreational Rationing Strategies for Managing Wild Rivers," Fall Meeting of the Oklahoma Academy of Sciences, Edmond, OK.

Wikle, T. and Chilman, K. 1989. "Dealing with an External Threat: Progress in Recreational Carrying Capacity Determination," 31st Annual Conference of the Western Social Science Association, Albuquerque, NM.

Chilman, K.; Wikle, T.; and Landley, J. 1989. "Redefining Existing Recreational Carrying Capacity Processes: Emphasis on Recreation Quality," Southeastern Recreation Research Conference, Asheville, NC.

Wikle, T.; Chilman, K.; and Lane, D. 1988. "Short and Long-term Utilization of Visitor Perception Monitoring Data," Second Symposium on Social Science in Resource Management, Urbana, IL.

Chilman, K.; Everson, A.; and Wikle, T. 1988. "New Developments in Determining Recreational Carrying Capacities in Forests and Wildlands," Annual Meeting of the Society of American Foresters, Rochester, NY.

Chilman, K.; Everson, A.; Lane, D.; Wikle, T. and Lannoy, M. 1987. "Monitoring Wilderness Perception: Developing Low-cost Systems for Management," World Wilderness Congress, Ft. Collins, CO.

EDITORSHIPS/EDITORIAL BOARDS

Editorial Board, *Journal of Linguistic Geography* 2012-

Editorial Board, *Journal of Geography* 2004-19

Board of Consulting Editors, McGraw Hill's AccessScience (Web-based) 2000-

Board of Consulting Editors (Physical Geography), *Encyclopedia of Science and Technology* 9th and 10th editions (McGraw-Hill) 1997-

Board of Consulting Editors (Physical Geography), *Yearbook of Science and Technology* (McGraw Hill) 1998-

Cartographic Editor, *Journal of Geography*, 2001-04

Cartographic Advisor, *Journal of Cultural Geography* 1996-16

Media Material Editor, National Council for Geographic Education 1996-98

Associate Editor, *Sport Place* 1997-01

Editorial Board, *Geographical Bulletin* 1995-98

OFFICES HELD

Gamma Theta Upsilon, International Geography Honor Society

Past President, 2015-16

International President, 2013-14

1st Vice President, 2011-12

2nd Vice President, 2009-10

Awards Committee, 1996

Southwest Regional Councilor, 1994-98

Nominating Committee, Southwestern Division, Association of American Geographers 1993

Chair, Geography Section, Oklahoma Academy of Science 1990-91

Vice Chair, Geography Section, Oklahoma Academy of Science 1989-90

MEMBERSHIPS

Phi Beta Delta 2004-
Sigma Xi 2001-
Council of Colleges of Arts and Sciences 2000-
National Council for Geographic Education 1995-2000
Gamma Theta Upsilon 1990-
Phi Kappa Phi 1987-
Association of American Geographers 1983-
American Geographical Society 2014-

PROFESSIONAL SERVICE PERFORMED

Textbook Reviews:

Physical Geography: A Landscape Appreciation, 13th edition (Hess and Tasa 2018)
Physical Geography: A Landscape Appreciation, 12th edition (Hess and Tasa 2014)
Introduction to Geographic Information Systems (Chang), McGraw Hill.
Physical Geography, 1st edition (Marsh), W.H. Freeman and Co.
Physical Geography of the Global Environment, 3rd ed. (de Blij and Muller), Oxford Univ. Press.
Introduction to Geography, 7th Edition (Getis, Getis, and Fellmann 1999), WCB/McGraw Hill
Essentials of Physical Geography, 6th edition (Gabler, Wise, Sager, and Peterson 1998), Harcourt College Publishers.
Introducing Physical Geography, 1st edition (Strahler and Strahler 1994), Wiley.
Physical Geography: A Landscape Appreciation, 5th edition (McKnight 1994), Prentice Hall.

Reviews of Papers Submitted to:

International Journal of Geographical Information Science, *Professional Geographer*, *Environment and Planning B*, *Geographical Review*, *Cartographica*, *GeoCarto International*, *Photogrammetric Engineering and Remote Sensing*, *Forest Ecology and Management*, *Land Use Policy*, *Society and Natural Resources*, *Social Sciences Quarterly*, *The Geographical Bulletin*, *Journal of Geography*, *Journal of Cultural Geography*, *Southeastern Geographer*, *Journal of Geography in Higher Education*, *Papers in Applied Geography*, *Journal of Linguistic Geography*, *Transactions in GIS*

Committee Membership:

Program Chair, SWAAG Meeting, Stillwater, OK 2003
GIS Certification Committee, Urban and Regional Information Systems Association 2000-05
AAG Employment Opportunity and Career Development Committee 2000-03
Contributor, Advanced Placement Human Geography Exam Question Pool, 2000
Panel Reviewer, U.S. Department of Defense Graduate Fellowship Program (Washington, D.C.), 2000-05.
Proposal Reviewer, National Endowment for the Humanities, 1999
Presidential Advisory Group, American Institute of Urban and Regional Affairs 1997-00
Field Trip Committee, 1996 NCGE Annual Meeting, Santa Barbara, CA
Panel Reviewer: NSF Graduate Research Fellowships (Washington, D.C.), 2005
Panel Reviewer: NSF Course and Curriculum Development Grant Program (Washington, D.C.), 1997
Panel Reviewer: NSF Instrumentation and Laboratory Improvement Grant Program (Washington, D.C.), 1992, 1995
Program Committee, AAG Annual Meeting (Ft. Worth, TX) 1997
Facilitator, Oklahoma Academy of Science Technical Meeting (Geography Section), November 1990, November 1991.

DEPARTMENTAL COMMITTEES

Chair, Ad Hoc Committee to Define a Vision Statement 2017
Faculty Advisor, Forum for Geography Graduate Students (FOGG), 2005-06
Colloquium Coordinator 2002-03
Program Coordinator, *Certificate in GIS* 1996-02
Outcomes Assessment Coordinator 1995-96
Assistant Department Head 1993-94
Personnel Committee 1989-90, 1992-93
Graduate Committee 1992-93
Computer Laboratory Steering Committee 1990-94, 2000-02
Faculty Governance Steering Committee 1992-93
Faculty Advisor, Gamma Theta Upsilon 1990-93, 2010-16
Faculty Supervisor, OSU Cartography Service 1991-94, 2000-
Alumni Newsletter Editor 1993-94

COLLEGE/UNIVERSITY COMMITTEES (Oklahoma State University)

Student Success Committee, 2020-
Campus Committee on Leadership Development 2020-
Instruction Council 2003-04, 2019-
Academic Assessment and Improvement Committee 2011-, Chair 2018-
Committee on Honorary Degrees, 2018
Faculty Council Academic Standards and Policy Committee 2017-
A&S Master Planning Steering Committee 2018
Chair, Ad Hoc A&S Degree Requirements Review Committee, 2018-
Academic Standards and Policies 2017-2020
Online Steering Committee 2013-14
Search Committee, Provost and Vice President of Academic Affairs 2013-14
Don and Cathey Humphreys Endowed Chairs Selection Committee 2012
Chair, A&S Chair and Professorship Evaluation Committee, 2012
Chair, College of Education Dean Search and Screening Committee, 2011-12
Advisory Committee, AAPG/OSU Petroleum/Geoscience/GIS Consortium 2009-2017
Environmental Studies Certificate Committee 2007-
Chair, Ad Hoc Committee on Interdisciplinary Faculty Appointments (A&S) 2008
OSU/NOC Classroom Building Committee 2006-07
International Advisory Council 2006-
Environmental Research Advisory Board 2006-09
Search Committee, Director for Architectural Services 2005
Murray Hall Planning Committee 2005
Research Building Planning Committee 2005-06
Executive Committee, School for International Studies, 2003-2015
Diversity Advisory Board 2003-04
Academic Appeals Board 2001-03, Chair (2002-03)
Human Resources Staff Advisory Board 2003-05
Conflict of Interest Policy Committee, Office of the VP for Research, 2003
Search Committee, Provost and Vice President of Academic Affairs 2003
Search Committee (ex officio), A&S Associate Dean for Extension 2002
Search Committee, A&S Webmaster/Online Coordinator 2001
Search Committee (ex officio), American Studies Director 2000-01
Facilities Subcommittee, Ad Hoc Research Initiatives Committee 2000-01
Architect Selection Committee, OSU-Tulsa Research Building 2001
Chair, Computer Science Head Search Committee 1998-00
Chair, A&S Student Technology Fee Committee 2000-
Search Committee for Dean of Arts and Sciences 1997-99

Campus GIS Working Group 1996-98
Advisory Board, Spatial and Environmental Information Clearinghouse 2000-01
Academic Misconduct Review Committee (ad hoc) 1996
Classroom Building Renovation Committee 1995
Graduate Faculty, Full Member 1993-
Graduate Faculty, Associate Member 1990-93
A&S Tenure and Promotion Committee 1993-94
Committee on Student Organizations 1990-93

OTHER SERVICE

Session Moderator, "Images of Oklahoma" Conference, OSU Center for Oklahoma Studies 2010
Scientific Committee, International Conference on Geomatics Engineering Applications, University of Technology, Baghdad, Iraq, December 15-16, 2010
Judge, Oklahoma Geography Bee 2010
Faculty Advisor, Alpha Phi Omega 2004-06
Judge, 12th Annual OSU Graduate College Research Symposium 2001
External Reviewer, Program in Geography, University of Central Arkansas, 2000
OSU Faculty Associate (residence halls) 1999-05
Wentz Undergraduate Scholarship Research Advisor 1995-96, 1998-99, 2013-14
ALPHA Liaison (residence halls) 1998-01
A&S 1111 (Freshman Orientation) Instructor for Fall 1997
NEH Summer Stipend Internal Review Committee 1997
Sociology Department External Review Liaison 1996
External Reviewer, Department of Cartography, East Central Univ., Ada, OK 1997
Philosophy Department External Review Liaison 1997
NSF ARI Program Internal Reviewer 1996
Grader, University Midlevel Assessment 1993
Student Project Jury Member, OSU Dept. of Horticulture and Landscape Arch. 1991, 93
Faculty Mentor, OSU Honors Program 1993,95,96
tenure/promotion reviews: Oregon State University, Aquinas College, Humboldt State University, University of New Orleans, Southwest Missouri State University

STATE COMMITTEES

Steering Committee for Geography/History Proposal to the Education Commission of the States 1997-99
Oklahoma System-wide Transfer Curriculum Committee 1995-99
Ad Hoc State GIS Technical Advisory Committee 1993
Illinois River Management Plan Steering Committee 1993-96

GRADUATE WORK SUPERVISED

Ph.D. Dissertations Advised to Completion:

Stephen O'Connell (Ph.D. in Geography 2010) "Access, Discourse, and Cultural Landscape Change: The Case of National Park Communities along the Crater Lake Highway in Jackson County, Oregon" (presently Associate Professor of Geography at the University of Central Arkansas)
David Brockway (Ph.D. in Geography 2008) "Impact of a General Aviation Airport on Surrounding Land Use Patterns: Richard Lloyd Jones Jr. Airport" (presently instructor, OSU-Tulsa)
Edley Felts (Ph.D. in Environmental Science 1997) "Sacred Space in the Wichita Mountains" (presently Emeritus Professor of Geography/Political Science, Northern Oklahoma College)

M.S. Theses Advised to Completion:

Avonlea Keenen (M.S. in Geography 2019) "Patterns in the Locations of Mass Shootings"

Cary Lincoln (M.S. in Geography 2011) "Exploring Links between Gateway Communities and National Parks"

Jess Porter* (M.S. in Geography 2002) "The World Heritage Program in the United States: An Economic Evaluation"

Elaine Lynch (M.S. in Geography 2001) "Recreational Boaters vs. Personal Watercraft: A Study of Conflict"

Nothile Shongwe (M.S. in Geography 2000) "Comparing Land Acquisition Policies Used in the U.S. National Park Service and South African National Parks"

Julie Adams (M.S. in Environmental Science 1999) "Urban Wetland Restoration Determination"

Tonia Brown (M.S. in Geography 1998) "Chickasaw National Recreation Area: Societal Preference and Rationale for Collection and Consumption of Spring Waters"

Andrew Plackner (M.S. in Geography 1997) "A New Approach to an Old Problem: Using GPS to Address Boundary Problems Along the Red River"

David Goughnour (M.S. in Geography 1994) "An Evaluation of Recreation Opportunities Along the Tribal Lands Recreational Trail in Muskogee, Oklahoma"

Eric Christian (M.S. in Geography 1994) "A Geographical Analysis of Wildlife Attractions in the United States and Canada"

Lori Sand (M.S. in Geography 1993) "Language Variation and Change in an Urban Context"

Jun Gao (M.S. in Geography 1991) "Philmont Scout Ranch Route Network: An Application of GIS Technology"

Tim Clark (M.S. in Geography 1991) "An Analysis of Preservation and Use Values of Oklahoma's Park and Recreation Areas"

* OSU Graduate Research Excellence Winner

M.S. Nonthesis (creative component) Committees Chaired to Completion:

Shelby Rider (M.S. in Geography 2019)

Michal Ward (M.S. in Geography 2006)

Brent Payne (M.S. in Geography 2005)

Andrew Bashaw (M.S. in Geography 2002)

David Harrell (M.S. in Geography 2002)

James Hull (M.S. in Geography 2000)

Lori Kimball (M.S. in Geography 1999)

Melody Tipton (M.S. in Geography 1999)

Catrina Bennett (M.S. in Geography 1999)

Bruce Battles (M.S. in Geography 1999)

Kevin Koon (M.S. in Geography 1997)

Carol Scott (M.S. in Geography 1995)

Craig Scroggins (M.S. in Geography 1995)

John Farley (M.S. in Geography 1994)

past committee membership:

geology (M.S.), forestry (M.S.), fire and emergency management (M.S. and Ph.D.), international studies (M.S.), environmental science (M.S. and Ph.D.), Zoology (Ph.D.), agronomy (M.S.), English (Ph.D.), sociology (Ph.D.), higher education (Ed.D.), history (Ph.D.)

EXTENSION AND WORKSHOP ACTIVITIES

Instructor, GEOG 4600/5700, The Geography of Russia (field course), 2018

Instructor, GEOG 4600/5700, The Iberian Peninsula: Geography of Spain/Portugal (field course), 2017

Instructor, GEOG 4600/5700, 20th Century Eastern Europe (field course), 2015

Instructor, GEOG 4600/5700, Environment and Heritage of Cuba (field course), 2015

Instructor, GEOG 4600/5700, Urban Geography of Amsterdam and Paris (field course), 2014

Instructor, GEOG 3910, Traveling and Telling: The Art of the Narrative (Cambridge, United Kingdom), 2012

Instructor, POLS 5300, GIS in Emergency Planning and Management, National Fire Academy (Cheonan, South Korea), 2009, 2011, 2013, 2015
Instructor, GEOG 4910, Cultural Resources of Italy and Greece (field course), 2011
Instructor, GEOG 4910/5510, Natural and Cultural Resources of Morocco (field course), 2009, 2010
Instructor, GEOG 1114 by correspondence, 2005-07
Instructor, USAID Grant, "The Global Positioning System," (Amman, Jordan), June 2004
Instructor, NASA/OSU workshop: "Global Positioning System Technology," August and September 1999
Instructor, NWAVER XXV: "Computer Mapping for Linguists" (Las Vegas, NV), 1996.
Instructor for OSU Arts and Science Extension Course: "Resource Management in the National Parks," (field course) summers of 1994-95, 1998-03, 2005-08, 2010
Instructor, National Geographic Society Summer Geography Institute (Norman, Oklahoma), 1992
Instructor and Coordinator for OSU Arts and Science Extension Course: "Computer Mapping for Planning Agencies," September 1991

INTERNATIONAL TRAVEL EXPERIENCE

82 countries in Asia, Africa, the Middle East, North/South America and Europe (American Field Service exchange student to Spain, 1980)

OTHER

FAA Airline Transport Pilot Certificate, Airplane Single Engine Land
Commercial privileges: Airplane Single Engine Sea and Airplane Multiengine Land
FAA Certified Flight Instructor (CFI) and Certified Flight Instructor Instrument (CFII)
FAA Advanced Ground Instructor (AGI) and Instrument Ground Instructor (IGI)
FAA Unmanned Remote Pilot (sUAS)

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