

P. Grady Dixon
Werth College of Science, Technology, and Mathematics

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Fort Hays State University

EDUCATION

Ph.D. Geography, 2005, Arizona State University
M.S. Geography, 2002, University of Georgia
B. S. Geosciences, 2000, Mississippi State University

PROFESSIONAL EXPERIENCE

Fort Hays State University, 2020 – present, Professor and Dean, Werth College of Science, Technology, and Mathematics
Fort Hays State University, 2018 – 2020, Professor and Interim Dean, Werth College of Science, Technology, and Mathematics
Fort Hays State University, 2017 – 2019, Professor and Chair, Department of Geosciences
Fort Hays State University, 2014 – 2017, Chair and Associate Professor, Department of Geosciences
Texas State University, 2014 – present, Adjunct Graduate Faculty, Dept of Geography
Mississippi State University, 2011 – 2014, Associate Professor, Dept of Geosciences
Mississippi State University, 2005 – 2011, Assistant Professor, Dept of Geosciences
Western Kentucky University, 2011 – present, Adjunct Faculty, Department of Geography & Geology
University of Alabama, 2008 – 2013, Temporary Member, Graduate Faculty
Arizona State University, 2003 – 2005, Teaching Assistant, Department of Geography
Maricopa Community Colleges, Maricopa County, AZ, 2003 – 2005, Adjunct Faculty, Department of Geography
Arizona State University, 2002 – 2003, Research Assistant, Mesoscale Modeling Lab
University of Georgia, 2001 – 2002, Research Assistant, Climatology Research Lab
University of Georgia, 2000 – 2001, Teaching Assistant, Department of Geography
USDA Joint Agricultural Weather Facility, Stoneville, MS, Summer 1999, Meteorological Tech at the World Agricultural Outlook Board's JAWF field office
Langmuir Laboratory for Atmospheric Research, Socorro, NM, Summer 1998, Research Technician at the New Mexico Institute for Mining and Technology's Langmuir Laboratory, NSF Research Experience for Undergraduates
Digital Imaging and Mapping Company, Inc., Vicksburg, MS, 1996 – 1998, Research technician and survey boat pilot in support of hydrographic research, bathymetry surveys, and current profiling for the U.S. Army Corps of Engineers.

PUBLICATIONS

Student Co-authors underlined, * = undergraduates

Refereed:

44. Calagna, O., K. Quardokus Fisher, and P. G. Dixon, 2022: Organizational change to transform the geosciences to promote diversity, equity, and inclusion. *Geosphere*, submitted.
43. **Dixon, P. G.**, J. D. Durkee, J. Oglesby, O. Cahill, and M. K. Wright, 2022: Jet Streaming: Initial Testing of a Live-Streamed, Storm-Chase Course in Meteorology. *BAMS*, 103, 343–347.
42. Sheridan, S. C., **P. G. Dixon**, A. J. Kalkstein, and M. J. Allen, 2021: Recent trends in heat-related mortality in the United States: An update through 2018. *Weather, Climate, and Society*, <https://doi.org/10.1175/WCAS-D-20-0083.1>.
41. Strickland, B. K., **P. G. Dixon**, P. D. Jones, S. Demarais, N. O. Owen*, D. A. Cox*, K. Landry-Guyton*, and W. M. Baldwin, 2020: Cohort antler size signals environmental stress in a moderate climate. *International Journal of Biometeorology*, 611–621.

40. Kalkstein, A. J., M. Belorid, **P. G. Dixon**, K. R. Kim, and K. A. Bremer, **2019**: Seasonal Variations in Temperature-Suicide Association across South Korea. *Weather, Climate, and Society*, 11, 731–739.
38. Posselt, J. R., J. Chen, **P. G. Dixon**, J. F. L. Jackson, R. Kirsch, A. M. Nuñez, and B. J. Teppen, **2019**: Advancing Inclusion in the geosciences: An overview of the NSF-GOLD program. *Journal of Geoscience Education*, 67, 313–319.
37. Quardokus Fisher, K., E. Kaufman, O. Calagna, L. Myles, C. Brinkworth, D. R. Simmons, and **P. G. Dixon**, **2019**: Developing Scientists as Champions of Diversity to Transform the Geosciences. *Journal of Geoscience Education*, 67, 459–471.
37. Palumbo, M. D., F. J. Vilella, G. Wang, B. K. Strickland, D. Goodwin, **P. G. Dixon**, B. D. Rubin, and M. A. Lashley, **2019**: Latitude and Daily-Weather Effects on Gobbling Activity of Wild Turkeys in Mississippi. *International Journal of Biometeorology*, 63, 1059–1067.
36. Sugg, M. M., **P. G. Dixon**, J. R. Runkle, **2019**: Support-Seeking Behaviors for Crisis Events and Temperature in the United States: Is there an Association in Young Adults and Adolescents? *Science of the Total Environment*, 669, 400–411.
35. **Dixon, P. G.**, and A. J. Kalkstein, **2018**: Where are Weather-Suicide Associations Valid? An Examination of Nine U.S. Counties with Varying Seasonality. *International Journal of Biometeorology*, 62, 685–697.
34. Kalkstein, A. J., L. S. Kalkstein, J. Vanos, D. P. Eisenman, and **P. G. Dixon**, **2018**: Heat/Mortality Sensitivities in Los Angeles during Winter: A Unique Phenomenon in the United States. *Environmental Health*, 17:45.
33. Sheridan, S. C., and **P. G. Dixon**, **2017**: Spatiotemporal trends in human vulnerability and adaptation to heat across the United States. *Anthropocene*, 20, 61–73.
32. Elsner, J., T. Fricker, H. Widen, T. Bhatrasataponkul, C. Castillo, C. Gredzens, J. Humphreys, J. Jung, S. Rahman, A. Richards, T. Jagger, and **P. G. Dixon**, **2016**: Tornadoes occur more often over smooth terrain. *Journal of Applied Meteorology and Climatology*, 55, 849–859.
31. **Dixon, P. G.**, M. Allen, S. Gosling, D. Hondula, V. Ingole, R. Lucas, and J. Vanos, **2016**: Perspectives on Synoptic Climate Classification and its Role in Interdisciplinary Research. *Geography Compass*, 10, 147–164.
30. Farney, T. J., and **P. G. Dixon**, **2015**: Variability of tornado climatology across the continental United States. *International Journal of Climatology*, 35, 2993–3006.
29. **Dixon, P. G.**, M. Sinyor, A. Schaffer, A. Levitt, C. R. Haney, K. N. Ellis, and S. C. Sheridan, **2014**: Association of Weekly Suicide Rates with Temperature Anomalies in Two Different Climate Types. *International Journal of Environmental Research and Public Health*, 11, 11627–11644.
28. Ruddell, D. M., and **P. G. Dixon**, **2014**: The Energy-Water Nexus: Are there tradeoffs between residential energy and water consumption in arid cities? *International Journal of Biometeorology*, 58, 1421–1431.
27. Van Meter, J., and **P. G. Dixon**, **2014**: Early Dismissals in Public Schools on Potential Severe Weather Days. *Natural Hazards*, 73, 1609–1624.
26. Fuhrmann, C. M., C. E. Konrad, II, M. M. Kovach, J. T. McLeod, W. G. Schmitz, and **P. G. Dixon**, **2014**: Ranking of Tornado Outbreaks across the United States and their Climatological Characteristics. *Weather and Forecasting*, 29, 684–701.
25. Coleman, T. A., and **P. G. Dixon**, **2014**: An Objective Analysis of Tornado Risk in the United States. *Weather and Forecasting*, 29, 366–376.
24. Gosling S. N., E. K. Bryce, **P. G. Dixon**, K. A. Gabriel, J. Hanes, D. M. Hondula, L. Liang, P. A. B. MacLean, S. Muthers, S. T. Nascimento, M. Petralli, J. Vanos, **2014**: A glossary for biometeorology. *International Journal of Biometeorology*, 58, 277–308. DOI 10.1007/s00484-013-0729-9

23. **Dixon, P. G.**, A. E. Mercer, K. Grala, and W. H. Cooke, **2014**: Objective Identification of Tornado Seasons and Ideal Spatial Smoothing Radii. *Earth Interactions*, 18, 1–15.
22. **Perryman, N. M.**, and **P. G. Dixon**, **2013**: A Radar Analysis of Urban Snowfall Modification in Minneapolis-St. Paul. *Journal of Applied Meteorology and Climatology*, 52, 1632–1644.
21. **Hutton, B. T.**, K. N. Scheitlin, and **P. G. Dixon**, **2013**: Solar Cycle Extremes as a Seasonal Predictor of Atlantic-Basin Tropical Cyclones. *Southeastern Geographer*, 53, 50–60.
20. **Dixon, P. G.**, and A. E. Mercer, **2012**: Reply to “Comments on ‘Tornado Risk Analysis: Is Dixie Alley an Extension of Tornado Alley?’” *Bulletin of the American Meteorological Society*, 93, 408–410.
19. **Dixon, P. G.**, A. E. Mercer, J. Choi, and **J. S. Allen**, **2011**: Tornado Density Analysis: Is Dixie Alley an extension of Tornado Alley? *Bulletin of the American Meteorological Society*, 92, 433–441.
18. Senkbeil, J. C., D. M. Brommer, **P. G. Dixon**, M. E. Brown, and K. Sherman-Morris, **2010**: The Perceived Landfall Location of Evacuees from Hurricane Gustav. *Natural Hazards*, 54, 141–158.
17. **Scheitlin, K. N.**, and **P. G. Dixon**, **2010**: Diurnal Temperature Range Variability due to Land Cover and Air Mass Types in the Southeast United States. *Journal of Applied Meteorology and Climatology*, 49, 879–888.
16. **Dixon, P. G.**, and A. J. Kalkstein, **2010**: Teaching and Learning Guide for: Climate-Suicide Relationships: A research problem in need of geographic methods and cross-disciplinary perspectives. *Geography Compass*, 4, 485–489.
15. **Dixon, P. G.**, and A. J. Kalkstein, **2009**: Climate-Suicide Relationships: A research problem in need of geographic methods and cross-disciplinary perspectives. *Geography Compass*, 3, 1961–1974.
DOI: 10.1111/j.1749-8198.2009.00286.x.
14. **Dixon, P. G.**, M. E. Brown, **W. M. Carter***, **W. S. Gunter***, **J. S. Allen***, **A. M. Hayes**, **L. E. Becker***, **H. S. Eschete***, **R. P. Aylward**, and **K. N. Scheitlin**, **2008**: Predicting Atlantic hurricane paths using monthly surface pressure data. *The Geographical Bulletin*, 49, 77–86.
13. **Dixon, P. G.**, M. E. Brown, K. Sherman-Morris, and B. L. Kirkland, **2008**: Comments on “Seals of (Dis)Approval: Television Weathercasters Debate the Value of Voluntary Credentials.” *National Weather Digest*, 32, 61–65.
12. **Dixon, P. G.**, M. E. Brown, K. Sherman-Morris, and B. L. Kirkland, **2008**: Meteorology Degrees and Certificates Offered by Mississippi State University. *National Weather Digest*, 32, 69–70.
11. **Dixon, P. G.**, G. B. Goodrich, and W. H. Cooke, **2008**: Using teleconnections to predict wildfires in Mississippi. *Monthly Weather Review*, 136, 2804–2811.
10. **Dixon, P. G.**, **2008**: Effects of precipitable water and CAPE on precipitation in southern Arizona. *Journal of the Arizona-Nevada Academy of Science*, 40, 66–73.
9. **Dixon, P. G.**, **A. N. McDonald**, **K. N. Scheitlin**, **J. E. Stapleton**, **J. S. Allen***, **W. M. Carter***, **M. R. Holley***, **D. D. Inman***, and **J. B. Roberts***, **2007**: Effects of temperature variation on suicide in five U.S. counties, 1991–2001. *International Journal of Biometeorology*, 51, 395–403.
8. **Dixon, P. G.**, **2006**: An ALARMS Climatology of Gulf of California Moisture Surges and the Associated Precipitation, 1993–2004. *Physical Geography*, 27, 86–108.
7. **Dixon, P. G.**, **2005**: Using sounding data to detect gulf surges during the North American monsoon. *Monthly Weather Review*, 133, 3047–3052.
6. **Dixon, P. G.**, D. M. Brommer, B. C. Hedquist, A. J. Kalkstein, G. B. Goodrich, J. C. Walter, C. C. Dickerson, IV, S. J. Penny, and R. S. Cerveny, **2005**: Heat Mortality Versus Cold Mortality: A study of conflicting databases. *Bulletin of the American Meteorological Society*, 86, 937–943.
5. Parnell, D. B., D. Brommer, **P. G. Dixon**, M. E. Brown, and D. W. Gamble, **2004**: A survey of Hurricane Frances damage on San Salvador. *Bahamas Journal of Science*, 12, 2–6.
4. **Dixon, P. G.**, **2004**: The Urban Desert: A temporal study of humidity values in the Phoenix metropolitan area. *Journal of the Arizona-Nevada Academy of Science*, 36, 127–138.

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3. Ashley, W. S., T. L. Mote, **P. G., Dixon**, J. D. Durkee, E. J. Powell, S. L. Trotter, and A. J. Grundstein, **2003**: Distribution of mesoscale convective complex rainfall in the United States. *Monthly Weather Review*, 131, 3002–3017.
2. **Dixon, P. G.**, and T. L. Mote, **2003**: Patterns and causes of Atlanta's urban heat island-initiated precipitation. *Journal of Applied Meteorology*, 42, 1273–1284.
1. Gamble, D. W., M. E. Brown, D. Parnell, D. Brommer, and **P. G. Dixon**, **2000**: Lessons learned from Hurricane Floyd damage on San Salvador. *Bahamas Journal of Science*, 8, 25–31.

Other:

- Dixon, P. G., 2011**: Mississippi State University, *Encyclopedia of Global Warming and Climate Change*, Second Edition, S. G. Philander and J. G. Golson, Eds., Sage Publications, 1720 pp.
- Dixon, P. G., and A. J. Kalkstein, 2008: Do global temperatures really affect Italian suicides? — comments on “Global warming possibly linked to an enhanced risk of suicide: Data from Italy, 1974–2003”. Comments page for the International Society for Affective Disorders [Available online at <http://www.isad.org.uk/JADcomments.asp>].
- Dixon, P. G., 2008**: Mississippi State University, *Encyclopedia of Global Warming and Climate Change*, S. G. Philander, Ed., Sage Publications, 1552 pp.
- Dixon, P. G., 2005**: The effects of gulf surges and low-level moisture on precipitation and severe weather in Arizona. Ph.D. dissertation, Dept. of Geography, Arizona State University, 102 pp.
- Dixon, P. G., 2003**: Earth - Sun Relationships. *Introductory Physical Geography Laboratory Manual*, Erinanne M. Saffell, Hayden-McNeil Publishing, pp. 31–40.
- Dixon, P. G., 2002**: Climatological Patterns of Atlanta's Urban Heat Island-Initiated Precipitation. M.S. thesis, Dept. of Geography, University of Georgia, 149 pp.

GRANTS (~\$600,000)

June 2016, PI

Dixon, P. G., C. Brinkworth, E. Kaufman, L. Myles, K. Quardokus Fisher, and D. Simmons, 2016: GEO Opportunities for Leadership in Diversity (GOLD): Hearts of GOLD. National Science Foundation, 1 October 2016–30 September 2018. Funds requested: **\$399,970**.

September 2015, PI

Dixon, P. G., 2014: Bubbles of Ignorance: Do perceptions of local tornado risk match reality? Fort Hays State University Undergraduate Research Experience, 1 October 2015–30 April 2016. Funds requested: **\$2914**.

September 2014, PI

Dixon, P. G., 2014: Observing Effects of Weather on White-tailed Deer Activity. Fort Hays State University Undergraduate Research Experience, 1 October 2014–30 April 2015. Funds requested: **\$2990**.

November 2013, Co-PI

Henry, W. B., K. R. Reddy, E. J. Larson, N. W. Buehring, P. G. Dixon, and S. W. Martin, 2013: Corn Hybrid Evaluation to Optimize Early-season Planting. Mississippi Corn Promotion Board, 1 March 2014–28 February 2015. Funds requested: **\$35,000**.

October 2013, Co-PI

Dixon, P. G. and W. B. Henry, 2013: Using Historical Weather Data to Optimize Food Security and Quantify Climate Volatility for Corn-Planting Dates in the Southeast. Cross-College Research Grant Program, Office of Research and Economic Development, Mississippi State University, 1 January 2014–31 December 2014. Funds requested: **\$1999**.

August 2013, Co-PI

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Byrd, J. D., Jr., and P. G. Dixon, 2013: Evaluation of the WatchDog Sprayer Station to Help Reduce Drift from MDOT Spray Trucks. Mississippi Department of Transportation, 1 October 2013–30 September 2015. Funds requested: **\$77,747.**

January 2013, Co-PI

Henry, W. B., K. R. Reddy, E. J. Larson, N. W. Buehring, P. G. Dixon, and S. W. Martin, 2013: Corn Hybrid Evaluation to Optimize Early-season Planting. Mississippi Corn Promotion Board, 1 March 2013–28 February 2014. Funds requested: **\$35,000.**

June 2012, Co-PI

Brown, M. E., and P. G. Dixon, 2012: Meso-Scale Sounding from GOES and GOES-R Even Under Cloud Cover. NOAA/UCAR/COMET Outreach, 1 August 2012–30 June 2013. Funds requested: **\$16,061.**

October 2010, Co-PI

Tack, J., R. Reddy, A. Harri, P. B. Parajuli, B. Barnett, V. Anantharaj, K. Coble, P. G. Dixon, and D. Ubilava, 2010: Interdisciplinay Modeling of Crop Yields. Cross-College Research Grant Program, Office of Research and Economic Development, Mississippi State University, 1 January 2011–31 December 2011. Funds requested: **\$2000.**

August 2008, Co-PI

Brommer, D. M., M. E. Brown, P. G. Dixon, J. Senkbeil, K. Sherman-Morris, 2008: SGER: Primary meteorological variables influencing hurricane evacuation decisions: A case study of Hurricane Gustav. Geography and Regional Science Program, National Science Foundation, 30 August 2008–30 September 2008. Funds requested: **\$5780.**

August 2007, Co-PI

Keys, E., M. W. Binford, D. M. Brommer, P. G. Dixon, and C. J. Matyas, 2007: SGER: Collection of Perishable Data on Crop and Forest Losses due to Hurricane Dean. Geography and Regional Science Program, National Science Foundation, 1 September 2007–1 October 2007. Funds requested: **\$9000.**

April 2006, PI

Dixon, P. G., 2006: Real-time Meteorological Observations for Analyses and Forecasting Education. Schillig Special Teaching Projects, Office of the Provost and Vice President for Academic Affairs, Mississippi State University, 1 July 2006–31 December 2006. Funds requested: **\$2970.**

INVITED PRESENTATIONS

1. Dixon, P.G., 2023: Strategic Budgeting. **Academy of Academic Leadership**, Fort Hays State University
2. Dixon, P. G., 2023: Trends and Expectations for Kansas Severe Weather. **Kansas Association of Property and Casualty Insurance Companies, Inc.**, Manhattan, Kansas.
3. Dixon, P.G., 2022: Effective Meetings. **Academy of Academic Leadership**, Fort Hays State University
4. Dixon, P. G., 2022: Overuse of “Rigor”: Must a course be difficult to be valuable? **Fort Hays State University Professional Development Day**, Hays, Kansas.
5. Dixon, P. G., 2022: Tornado Climatology. **Hays Rotary Club**, Hays, Kansas.
6. Dixon, P. G., and M. B. Dixon, 2022: Change or Cheer? What Kind of Leader Are You? **Kansas Agriculture and Rural Leadership Program**, Hays, Kansas.
7. Dixon, P. G., 2021: Tornado Climatology. **Hays Optimist Club**, Hays, Kansas.
8. Dixon, P. G., 2021: 1951 Tornado, WaKeeney, Kansas. **Trego County Historical Society Museum**, WaKeeney, Kansas.
9. Dixon, P. G., 2021: How to Hire Faculty. **Fort Hays State University Professional Development Day**, Hays, Kansas.
10. Dixon, P. G., 2021: FHSU Storm Chase. **Kiwanis Club**, Hays, Kansas.

11. Dixon, P. G., 2021: Tornado Climatology: Where and when do they actually happen? **Lions Club**, Hays, Kansas.
12. Hagen, J., K. Schroeder, P. G. Dixon, and L. Knigge, 2021: Geography, Demography, and Enrollments in US Higher Education through the 2020s, **AAG Webinar, American Association of Geographers**.
13. Dixon, P. G., 2021: Climate Change: What Do We Really Know? **Tiger Teacher Nation Professional Learning Day**, Hays, Kansas.
14. Dixon, P. G., 2020: Climate Change: What Do We Really Know? **Science Cafe Lecture, FHSU Science and Mathematics Education Institute and Kansas Citizens for Science**, Hays, Kansas.
15. Dixon, P. G., 2020: A Day in the Life on a Storm Chase. **P.E.O.**, Hays, Kansas.
16. Dixon, P. G., 2019: Tornadoes to Turkey Gobbles: My History of Opportunistic Collaboration, **President's Distinguished Scholar Presentation, Fort Hays State University**, Hays, Kansas.
17. Dixon, P. G., and C. D. Clark, 2019: Outside the Grading Box: Checklists and Low-resolution Rubrics. **FHSU Professional Development Day, Fort Hays State University**, Hays, Kansas.
18. Dixon, P. G., 2019: Weather Effects on Suicide, **Colloquium Lecture, Department of Geography & Atmospheric Science, University of Kansas**, Lawrence, Kansas.
19. Dixon, P. G., 2018: Using GIS, Statistics, and Weather Data to Improve Human Lives. **Career Options in Data Literacy Workshop**, Hays, Kansas.
20. Dixon, P. G., 2018: A Day in the Life on a Storm Chase. **Lions Club**, Hays, Kansas.
21. Dixon, P. G., 2018: A Day in the Life on a Storm Chase. **P.E.O.**, Hays, Kansas.
22. Houlton, H., P. G. Dixon, C. Garza, A. M. Nunez, and B. King, 2017: Leadership Strategies for Equity and Inclusion in the Geosciences. **Heads and Chairs Webinar, American Geophysical Union and American Geosciences Institute**.
23. Dixon, P. G., 2017: Tornado Valley": A proposal to abandon misleading tornado-risk nomenclature. **Colloquium Lecture, Department of Earth and Space Sciences, Columbus State University**, Columbus, Georgia.
24. Dixon, P. G., 2017: A Day in the Life on a Storm Chase. **Kiwanis Club**, Hays, Kansas.
25. Dixon, P. G., 2017: The Truth About Storm Chasing and Tornadoes. **Guest Lecture, Department of Geography and Environmental Engineering, United States Military Academy**, West Point, New York.
26. Dixon, P. G., 2017: A Day in the Life on a Storm Chase. **Guest Lecture, Department of Geography and Environmental Engineering, United States Military Academy**, West Point, New York.
27. Dixon, P. G., 2017: Things You Should Probably Avoid While Storm Chasing. **Colloquium Lecture, Department of Geography and Environmental Engineering, United States Military Academy**, West Point, New York.
28. Dixon, P. G., 2017: "Tornado Valley": Helping the public understand tornado risk. **Science Cafe Lecture, FHSU Science and Mathematics Education Institute and Kansas Citizens for Science**, Hays, Kansas.
29. Dixon, P. G., 2016: "Tornado Alley," "Dixie Alley," and Other Examples of How We Confuse the Public about Tornado Risk. **Central Arizona Chapter, American Meteorological Society and National Weather Association**, Mesa, Arizona.
30. Dixon, P. G., 2015: Research Topics in Biometeorology: Are Suicide Rates Affected by Weather? **Science Cafe Lecture, FHSU Science and Mathematics Education Institute and Kansas Citizens for Science**, Hays, Kansas.
31. Dixon, P. G., 2015: The Technology of Storm Chasing. **Applied Technology Conference**, Fort Hays State University, Hays, Kansas.
32. Dixon, P. G., 2015: "Tornado Alley," "Dixie Alley," and Other Examples of How We Confuse the Public about Tornado Risk. **Colloquium Lecture, Department of Geography, Kansas State University**, Manhattan, Kansas.

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33. Dixon, P. G., 2015: "Tornado Alley," "Dixie Alley," and Other Examples of How We Confuse the Public about Tornado Risk. **High Plains Chapter, National Weather Association**, Norton, Kansas.
34. Dixon, P. G., 2015: "Tornado Alley," "Dixie Alley," and Other Examples of How We Confuse the Public about Tornado Risk. **Colloquium Lecture, Department of Soil, Environmental, and Atmospheric Sciences, University of Missouri**, Columbia, Missouri.
35. Dixon, P. G., 2015: Research Topics in Biometeorology: Are Suicide Rates Affected by Weather? **Colloquium Lecture, Department of Geography and Geology, Western Kentucky University**, Bowling Green, Kentucky.
36. Dixon, P. G., 2015: Texas Tornadoes: When and Where do they Really Occur? **Severe Weather Awareness Week, Department Chemistry, Engineering, Geology, and Physics, San Jacinto College-South**, Houston, Texas.
37. Dixon, P. G., 2014: From Urban to Ag and Turkeys to Tornadoes: A Summary of Ongoing Research. **Guest Speaker, American Meteorological Society Student Chapter, College of DuPage**, Glen Ellyn, Illinois.
38. Dixon, P. G., 2014: Hail and Deer...and Several Other Answers to Your Questions about Storm Chasing. **Science Cafe Lecture, FHSU Science and Mathematics Education Institute and Kansas Citizens for Science**, Hays, Kansas.
39. Dixon, P. G., 2014: Hail and Deer...and Several Other Answers to Your Questions about Storm Chasing. **Colloquium Lecture, Department of Geography, Youngstown State University**, Youngstown, Ohio.
40. Dixon, P. G., 2014: Hail and Deer...and Several Other Answers to Your Questions about Storm Chasing. **Colloquium Lecture, Department of Biology and Geosciences, Clarion University**, Clarion, Pennsylvania.
41. Dixon, P. G., 2014: Hail and Deer...and Several Other Answers to Your Questions about Storm Chasing. **Colloquium Lecture, Department of Earth Science, California University of Pennsylvania**, California, Pennsylvania.
42. Dixon, P. G., 2014: Bowling "Tornado Alley": Why this term represents a misunderstanding of tornado climatology. **Guest Lecture, Department of Geography and Geosciences, Salisbury University**, Salisbury, Maryland.
43. Dixon, P. G., 2014: A Day in the Life of a Storm Chaser. **Colloquium Lecture, Department of Geography and Geosciences, Salisbury University**, Salisbury, Maryland.
44. Dixon, P. G., 2014: Weather Effects on Suicide: Can we predict changes in suicide rates? **Colloquium Lecture, Department of Agricultural Economics, Mississippi State University**.
45. Dixon, P. G., 2013: Bowling Tornado Alley: Climatological evidence of a large, more complex tornado risk in the United States. **Colloquium Lecture, Department of Geography and Earth Science, Shippensburg University**, Shippensburg, Pennsylvania.
46. Dixon, P. G., 2013: Bowling Tornado Alley: Climatological evidence of a large, more complex tornado risk in the United States. **Guest Lecture, Department of Geography, Kent State University**, Kent, Ohio.
47. Dixon, P. G., 2013: Bowling Tornado Alley: Climatological evidence of a large, more complex tornado risk in the United States. **Colloquium Lecture, Department of Geography, Kent State University**, Kent, Ohio.
48. Dixon, P. G., 2013: Weather Effects on Suicide: Can we predict changes in suicide rates? **Guest Lecture, Department of Geography, Kent State University**, Kent, Ohio.
49. Dixon, P. G., 2013: Weather Effects on Suicide: Can we predict changes in suicide rates? **Meteorology Club Sponsored Session Presenter, California University of Pennsylvania, Pennsylvania Geographical Society Annual Meeting**, Pittsburgh, Pennsylvania.

50. Dixon, P. G., 2013: Applied Research in Biometeorology. **Guest Lecture, Department of Geosciences, Texas Tech University.**
51. Dixon, P. G., 2013: Weather Effects on Suicide: Can we predict changes in suicide rates? **Colloquium Lecture, Department of Geosciences and Climate Science Center, Texas Tech University.**
52. Dixon, P. G., 2013: Tornado Risk in the United States. **Colloquium Lecture, Department of Geography and Environmental Engineering, United States Military Academy**, West Point, New York.
53. Dixon, P. G., 2013: A Storm Chaser's Perspective of Severe Weather. **Guest Lecture, Department of Geography and Environmental Engineering, United States Military Academy**, West Point, New York.
54. Dixon, P. G., 2013: A Storm Chaser's Perspective of Severe Weather. **C-CERT (Campus-Community Emergency Response Teams) Emergency Preparedness Week**, Mississippi State University
55. Dixon, P. G., 2012: 2013 Forecast for Mississippi. **2012 Delta Crop Summit**, Mississippi State University, Stoneville, Mississippi.
56. Dixon, P. G., 2011: 2012 Forecast for Mississippi. **2011 Rice Short Course**, Mississippi State University, Stoneville, Mississippi.
57. Dixon, P. G., A. E. Mercer, J. Choi, and J. S. Allen, 2010: Alley Oops: Does Dixie Alley really exist? **Colloquium Lecture, Department of Geography and Geology, Western Kentucky University**, Bowling Green, Kentucky.
58. Goodrich, G. B., and P. G. Dixon, 2009: **Using teleconnections to predict wildfires in Mississippi, Eastern, Southern, and Southwest States Seasonal Assessment Workshop**, National Interagency Fire Center, Shepherdstown, West Virginia.
59. Dixon, P. G., 2008: Climatic Conditions in 2008. **2008 Saving Rural America Conference**, Winston County Self Help Cooperative, Louisville, Mississippi.
60. Dixon, P. G., 2008: Global Climate Change: Is there really need for debate? **2008 Symposium, Melton Foundation**, New Orleans, Louisiana.
61. Mote, T. L. and P. G. Dixon, 2004: The Atlanta Urban Heat Island: A rain making machine? **Fulbright Lecture, Department of Geography, Ain Sams University**, Cairo, Egypt.

CONFERENCE PROCEEDINGS

Student Co-authors underlined, * = undergraduates

1. Dixon, P. G., K. A. Bremer, T. W. Moore, 2023: Lessons Learned by the First Cohort of JEDI Advisors at Fort Hays State University. **2023 Annual Meeting, American Association of Geographers**, Denver, Colorado.
2. Dixon, P. G., K. A. Bremer, T. L. Claunch, B. Crawford, G. Loggins, D. McClure, T. W. Moore, 2022: Perspectives of FHSU's First Cohort of JEDI Advisors. **Michael Tilford Conference on Diversity and Multiculturalism**, Topeka, Kansas.
3. Dixon, P. G., J. D. Durkee, J. Oglesby, O. Cahill, and M. K. Wright, 2022: Field and Stream: Initial Testing of a Live-Streamed Field Course. **2022 Annual Meeting, American Association of Geographers**, hosted online (originally in New York, New York).
4. Sheridan, S. C., P. G. Dixon, A. J. Kalkstein, and M. J. Allen, 2021: Recent trends in heat-related mortality in the United States: An update through 2018. **Fall Meeting 2021, American Geophysical Union**, New Orleans, Louisiana.
5. Sheridan, S. C., P. G. Dixon, A. J. Kalkstein, and M. J. Allen, 2021: Recent trends in heat-related mortality in the United States: An update through 2018. **22nd International Congress of Biometeorology**, hosted online.

- P. Grady Dixon
Werth College of Science, Technology, and Mathematics
- pgdixon@fhsu.edu
Fort Hays State University
6. Sheridan, S. C., P. G. Dixon, A. J. Kalkstein, and M. J. Allen, 2021: Recent trends in heat-related mortality in the U.S. **2021 Annual Meeting, American Association of Geographers**, hosted online (originally in Seattle, Washington).
 7. Dixon, P. G., K. Quardokus Fisher, E. Kaufman, L. Myles, C. Brinkworth, and Denise R. Simmons, 2020: Results of a Three-year Project to Increase Diversity in Geosciences. 2020 Annual Meeting, American Association of Geographers, hosted online (originally in Denver, Colorado).
 8. Briggs, J. and P. G. Dixon, 2020: Motivation for Institutional Transformation: Survive and (Hopefully) Thrive. **2020 Winter Meeting, American Association of State Colleges and Universities**, New Orleans, Louisiana.
 9. Dixon, P. G., K. Quardokus Fisher, E. Kaufman, L. Myles, C. Brinkworth, and Denise R. Simmons, **2019: Creating and Connecting Champions for Diversity in the Geosciences: Hearts of GOLD. 2019 Annual Meeting, American Association of Geographers**, Washington, D.C.
 10. Dixon, P. G., K. Quardokus Fisher, E. Kaufman, L. Myles, and C. Brinkworth, 2019: Creating and Connecting Champions for Diversity in the Geosciences: Hearts of GOLD. **2019 Annual Meeting, American Meteorological Society**, Phoenix, Arizona.
 11. Dixon, P. G., and J. K. Vanos, 2018: Thunderstorm Asthma in the USA: Are we missing an important signal? **20th Annual Conference, High Plains Chapter of the American Meteorological Society and National Weather Association**, Hastings, Nebraska.
 12. Dixon, P. G., J. K. Vanos, and A. J. Kalkstein, 2018: Weather-Suicide Associations and Thunderstorm Asthma: Examples of Effectively Using Weather Data. **2nd Annual Symposium on Climate and Health, University of Miami**, Miami, Florida.
 13. Dixon, P. G., and J. K. Vanos, 2018: Thunderstorm Asthma in the USA: Are we missing an important signal? **2018 Annual Meeting, American Association of Geographers**, New Orleans, Louisiana.
 14. Dixon, P. G., 2017: Is the Term “Tornado Valley” a Better Tool than “Tornado Alley”? **72nd Annual Meeting, Southeastern Division of the Association of American Geographers**, Starkville, Mississippi.
 15. Dixon, P. G., 2017: GEO Opportunities for Leadership in Diversity (GOLD): Hearts of GOLD. **72nd Annual Meeting, Southeastern Division of the Association of American Geographers**, Starkville, Mississippi.
 16. Myles L., C. Brinkworth, P. G. Dixon, E. K. Kaufman, K. Quardokus Fisher, and D. Simmons, 2017: Geo Opportunities for Leadership in Diversity (GOLD): Hearts of GOLD. **2017 Annual Meeting, Geological Society of America**, Seattle, Washington.
 17. Dixon, P. G., and B. K. Strickland, 2017: Using Teleconnections to Explain Variation in Phenotype and Fitness of White-tailed Deer in a Temperate Location. **21st International Congress of Biometeorology, International Society of Biometeorology**, Durham, United Kingdom.
 18. Dixon, P. G., 2017: Testing the Boundaries of “Tornado Valley” Using Multiple Methods. **19th Annual Conference, High Plains Chapter of the American Meteorological Society and National Weather Association**, Dodge City, Kansas.
 19. Dixon, P. G., 2017: Testing the Boundaries of “Tornado Valley” Using Multiple Methods. **2017 Annual Meeting, American Association of Geographers**, Boston, Massachusetts.
 20. Dixon, P. G., 2016: “Tornado Valley”: A proposal to abandon misleading tornado-risk nomenclature. **Annual Meeting, Great Plains Rocky Mountain Division of the American Association of Geographers**, Colorado Springs, Colorado.
 21. Farmer, B. L.*, C. A. Davis*, and P. G. Dixon, 2016: Comparing Perceptions of Local Tornado Risk to Actual Events. **18th Annual High Plains Conference, High Plains Chapter of the American Meteorological Society and National Weather Association**, North Platte, Nebraska.

22. Dixon, P. G., and T. Coleman, 2016: "Tornado Alley," "Dixie Alley," and Other Examples of How We Confuse the Public about Tornado Risk. **2016 Annual Meeting, Association of American Geographers**, San Francisco, California.
23. Davis, C. A.*, L. E. Cain*, B. L. Farmer*, L. A. Howard*, C. S. Wiebe*, P. G. Dixon, and K. A. Bremer, 2016: Bubbles of Ignorance: Do perceptions of local tornado risk match reality? **2016 Annual Meeting, Association of American Geographers**, San Francisco, California.
24. Dixon, P. G., and A. J. Kalkstein, 2015: Predicting Periods of Increased Suicide Risk based on Weekly Weather Data. **Expert Meeting on the application of Biometeorological and Bioclimatic Forecast Services in Latin America and the Caribbean**, Havana, Cuba.
25. Sheridan, S. C., and P. G. Dixon, 2015: Temporal Trends in Heat-related Mortality across the United States. **Joint Annual Meeting, Southwest Division of the Association of American Geographers and the Applied Geography Conferences**, San Antonio, Texas.
26. Sheridan, S. C., and P. G. Dixon, 2015: Heat-related mortality in the U.S.: Time trends through 2010, and their dependence on chosen methods. **27th Conference of the International Society for Environmental Epidemiology**, São Paulo, Brazil.
27. Dixon, P. G., M. Sinyor, A. Schaffer, A. Levitt, C. R. Haney, K. N. Ellis, and S. C. Sheridan, **2015: Association of Suicide Rates with Temperature in Two Cities**. **28th World Congress of the International Association for Suicide Prevention, International Association for Suicide Prevention**, Montréal, Québec.
28. Esslinger, Z.*, A. Giersch*, J. Lankutis*, and P. G. Dixon, 2015: Observing Effects of Weather on White-tailed Deer. **2015 Annual Meeting, Association of American Geographers**, Chicago, Illinois.
29. Sheridan, S. C., and P. G. Dixon, 2015: Decreased Rates of Heat Mortality: Have we already adapted to climate change? **2015 Annual Meeting, Association of American Geographers**, Chicago, Illinois.
30. Kalkstein, A. J., and P. G. Dixon, 2015: The Impact of Unusually Warm Weather on Suicide Rates across the United States, **34th Annual Conference, Association for Marketing and Health Care Research**, Steamboat Springs, Colorado.
31. Dixon, P. G., A. J. Kalkstein, M. Sinyor, A. Schaffer, A. Levitt, C. R. Haney, K. N. Ellis, S. C. Sheridan, 2014: Statistical Models of Weather and Suicide: Can we use temperature to predict suicide rates? **33rd Annual Psychological and Educational Research in Kansas (PERK) / Nebraska Psychological Society (NPS) Joint Conference**, Fort Hays State University, Hays, Kansas.
32. Dixon, P. G., and A. J. Kalkstein, 2014: Temperature-Suicide Associations using DLNM. **20th International Congress of Biometeorology, International Society of Biometeorology**, Cleveland, Ohio.
33. Henry, W. B., P. G. Dixon, and T. A. Graham*, 2014: Early Corn Planting as a Water-Conservation Strategy in the Southeastern USA. **20th International Congress of Biometeorology, International Society of Biometeorology**, Cleveland, Ohio.
34. Sheridan, S. C., and P. G. Dixon, 2014: Updated tend analysis of heat vulnerability in the United States using a Distributed Lag Nonlinear Model. **20th International Congress of Biometeorology, International Society of Biometeorology**, Cleveland, Ohio.
35. Dixon, P. G., and A. J. Kalkstein, 2014: Suicide Seasonality in the United States, 1975–2010. **2014 Annual Meeting, Association of American Geographers**, Tampa, Florida.
36. Owen, N. O., and P. G. Dixon, 2014: An Investigation into the Impacts of Land Use/Land Cover on Cloud-to-Ground Lightning Activity. **2014 Annual Meeting, Association of American Geographers**, Tampa, Florida.
37. Watkins, T. L., and P. G. Dixon, 2014: Assessment of Weather-Related Risk Associated with Early Corn Planting in Mississippi. **2014 Annual Meeting, Association of American Geographers**, Tampa, Florida.

38. Watkins, L. E., and P. G. Dixon, 2014: Heat Wave Definitions and Mortality. **2014 Annual Meeting, Association of American Geographers**, Tampa, Florida.
39. Gilliland, J. M., J. D. Durkee, A. W. Black, P. G. Dixon, S. Gunter, and J. A. Knox, 2014: Long-term Trend Analysis of Surface Wind Speeds Over the Southern United States. **2014 Annual Meeting, Association of American Geographers**, Tampa, Florida.
40. Owen, N. O., and P. G. Dixon, 2014: An Investigation into the Impacts of Land Use/Land Cover on Cloud-to-ground Lightning Activity. **13th Annual Student Conference, American Meteorological Society**, Atlanta, Georgia.
41. Dixon, P. G., M. Sinyor, A. Schaffer, A. Levitt, 2013: Weather Effects on Suicide Rates in Ontario, Canada. **2013 Annual Meeting, Association of American Geographers**, Los Angeles, California.
42. Farney, T. J., and P. G. Dixon, 2013: Investigation of the Variability of Extreme Tornado Climatology. **2013 Annual Meeting, Association of American Geographers**, Los Angeles, California.
43. Van Meter, J., and P. G. Dixon, 2013: Early Dismissals in Public Schools on Potential Severe Weather Days. **2013 Annual Meeting, Association of American Geographers**, Los Angeles, California.
44. Dixon, P. G., A. E. Mercer, K. Grala, W. H. Cooke, 2012: Identification of Ideal Smoothing Radii and Appropriate Seasonal Applications for Tornado Climatology Research. **26th Conference on Severe Local Storms, American Meteorological Society**, Nashville, Tennessee.
45. Cox, D. A., and P. G. Dixon, 2012: The Effects of Topography on Spatial Tornado Distribution. **10th Southeast Severe Storms Symposium, East Mississippi Chapter of the National Weather Association and American Meteorological Society**, Mississippi State, Mississippi.
46. Dixon, P. G., A. E. Mercer, and W. S. Ashley, 2012: Assessing Vulnerability to Tornado-Related Fatalities in the United States. **92nd Annual Meeting, American Meteorological Society**, New Orleans, Louisiana.
47. Cox, D. A., and P. G. Dixon, 2012: The Effects of Topography on Spatial Tornado Distribution. **11th Annual Student Conference and Career Fair, American Meteorological Society**, New Orleans, Louisiana.
48. Dixon, P. G., A. E. Mercer, and W. S. Ashley, 2011: Tornado Vulnerability of Metropolitan Areas in the United States. **19th International Congress of Biometeorology, International Society of Biometeorology**, Auckland, New Zealand.
49. Dixon, P. G., A. E. Mercer, and J. A. Milar*, 2011: Classification of Tornado Seasons Based on Storm Characteristics. **36th Annual Meeting, National Weather Association**, Birmingham, Alabama.
50. Ruddell, D., E. Wentz, A. Brazel, J. Declet, P. G. Dixon, P. Gober, S. Grossman-Clarke, S. Harlan, and S. Kelly, 2011: Environmental Tradeoffs in a Desert City: An Investigation of Water Use, Energy Consumption, and Local Air Temperature in Phoenix, AZ. **13th Annual Poster Symposium and All Scientist Meeting, Central Arizona-Phoenix Long-Term Ecological Research**, Tempe, Arizona.
51. Dixon, P. G., A. E. Mercer, J. Choi, and J. S. Allen, 2010: An analysis of spatial tornado density: Does Dixie Alley really exist? **25th Conference on Severe Local Storms, American Meteorological Society**, Denver, Colorado.
52. Dixon, P. G., A. E. Mercer, J. Choi, and J. S. Allen, 2010: Are there other "Tornado Alleys?" A spatial statistics analysis of tornado paths in the United States. **2010 Southeast Severe Storms Symposium, East Mississippi Chapter of the National Weather Association and American Meteorological Society**, Mississippi State, Mississippi.
53. Hutton, B. T., Jr., and P. G. Dixon, 2010: Sunspot Activity and Atlantic Tropical Cyclones. **2010 Southeast Severe Storms Symposium East Mississippi Chapter of the National Weather Association and American Meteorological Society**, Mississippi State, Mississippi.
54. Brommer, D. M., J. C. Senkbeil, P. G. Dixon, and J. Durkee, 2010: The Climate Tree: Tracing the roots of geographer-climatologists. **2010 Annual Meeting, Association of American Geographers**, Washington, D. C.

55. Dixon, P. G., **2010**: Can synoptic air mass types significantly affect suicide rates? **2010 Annual Meeting, Association of American Geographers**, Washington, D. C.
56. Perryman, N. M., and P. G. Dixon, **2010**: Understanding the Urban Heat Island Effect of Minneapolis-St. Paul: A radar analysis of snowfall modification. **2010 Annual Meeting, Association of American Geographers**, Washington, D. C.
57. Sedorovich, A. J., and P. G. Dixon, **2010**: Climatological variables associated with increased mortality rates for diseases predominant during the cold season. **2010 Annual Meeting, Association of American Geographers**, Washington, D. C.
58. Perryman, N. M., and P. G. Dixon, **2010**: Understanding the UHI Effect of Minneapolis-St. Paul: A radar analysis of snowfall modification. **9th Annual Student Conference, American Meteorological Society**, Atlanta, Georgia.
59. Jolly, M., Pillai, R., Lu, Q., Cooke, W., **Dixon, G. 2009**: AVHRR NDVI, 7-day time-series composites as potential indicators of fire size and frequency in Mississippi. In: Masters, R.E., Galley, K.E.M. , Despain, D.G., eds. **The '88 Fires: Yellowstone and Beyond: Conference Proceedings**; 2008 Spetember 22-27; Jackson Hole, WY. Tall Timbers Miscellaneous Publications No. 16. Tallahassee, FL: Tall Timbers Research Station: 34.
60. Dixon, P. G., and A. J. Kalkstein, **2009**: Climate-Suicide Relationships: A research problem in need of geographic methods and cross-disciplinary perspectives. **Compass Interdisciplinary Virtual Conference: "Breaking Down Barriers,"** online, 19–30 October.
61. Senkbeil, J. C., D. M. Brommer, and P. G. Dixon, **2009**: The Cry Wolf Index: Quantifying Future Hurricane Evacuation Complacency. **2009 Annual Meeting, Association of American Geographers**, Las Vegas, Nevada.
62. Brommer, D. M., J. C. Senkbeil, M. E. Brown, P. G. Dixon, **2009**: Meteorological Factors Affecting Hurricane Evacuation Decisions. **2009 Annual Meeting, Association of American Geographers**, Las Vegas, Nevada.
63. Dixon, P. G. and D. M. Brommer, **2009**: Analysis of daily climate-suicide relationships in Mississippi, **Eighth Symposium on the Urban Environment, 89th Annual Meeting, American Meteorological Society**, Phoenix, Arizona.
64. Galvin, K. G., and P. G. Dixon, **2009**: Nocturnal inversions over the Central Plains of the U.S. (1960-2007), **Eighth Annual AMS Student Conference, 89th Annual Meeting, American Meteorological Society**, Phoenix, Arizona.
65. Dixon, P. G., and A. J. Kalkstein, **2008**: Comparison of suicide seasonality to temperature seasonality in the US, **18th International Congress of Biometeorology**, Tokyo, Japan.
66. Dixon, P. G., and A. J. Kalkstein, **2008**: Can global warming really affect suicide rates? **2008 Annual Meeting, Association of American Geographers**, Boston, Massachusetts.
67. Hayes, A. M., and P. G. Dixon, **2008**: Identifying Enhanced Tropical Rainfall Downwind of Urban Areas. **2008 Annual Meeting, Association of American Geographers**, Boston, Massachusetts.
68. Cooke, W., V. Anantharaj, C. Wax, J. Choi, K. Grala, M. Jolly, P. G.. Dixon, J. Dyer, D. L. Evans, and G. B. Goodrich, **2007**: Integrating Climatic and Fuels Information into National Fire Risk Decision Support Tools. Proceedings of **The Fire Environment—Innovations, Management, and Policy**, U.S. Forest Service, Destin, Florida.
69. Dixon, P. G., M. E. Brown, M. C. Carter*, W. S. Gunter*, J. S. Allen*, A. M. Hayes, L. E. Becker*, H. S. Eschete*, R. P. Aylward, and K. N. Scheitlin, **2007**: Predicting Atlantic hurricane paths using monthly surface pressure data. **2007 Southeastern Division of the AAG Annual Meeting**, Charleston, South Carolina.
70. Hill, C. M., P. J. Fitzpatrick, J. Corbin, Y. Lau, S. Bhate, and P. G. Dixon, **2007**: An analysis of the Northern Gulf of Mexico sea/land breeze and associated convective precipitation. **22nd Conference on Weather Analysis and Forecasting, American Meteorological Society**, Park City, Utah.

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71. Dixon, P. G., A. N. McDonald, K. N . Scheitlin, J. E. Stapleton, J. S. Allen*, W. M. Carter*, M. R. Holley*, D. D. Inman*, and J. B. Roberts*, **2007**: Effects of temperature variation on suicide in five U.S. counties, 1991–2001. **103rd Annual Meeting, Association of American Geographers**, San Francisco, California.
72. McDonald, A. N., and P. G. Dixon, **2007**: Variation in Storm Surge Height: Result of Coastal Geography. **103rd Annual Meeting, Association of American Geographers**, San Francisco, California.
73. Scheitlin, K. N., and P. G. Dixon, **2007**: Variations of Diurnal Temperature Range in the Southeast United States Due to Land Use/Land Cover Classification, 1995-2004. **103rd Annual Meeting, Association of American Geographers**, San Francisco, California.
74. Dixon, P. G., **2006**: Effectiveness of using CAPE and precipitable water to predict summer precipitation and severe weather in Arizona. **102nd Annual Meeting, Association of American Geographers**, Chicago, Illinois.
75. Dixon, P. G., **2005**: Effects of gulf surge moisture on severe weather in Arizona. **101st Annual Meeting, Association of American Geographers**, Denver, Colorado.
76. Dixon, P. G., **2004**: Identifying gulf surge events in the Sonoran Desert. **100th Annual Meeting, Association of American Geographers**, Philadelphia, Pennsylvania.
77. Ashley, W. S., P. G. Dixon, J. D. Durkee, E. J. Powell, and S. L. Trotter, **2003**: Hydrologic climatology of mesoscale convective complexes in the United States. **99th Annual Meeting, Association of American Geographers**, New Orleans, Louisiana.
78. Dixon, P. G., and T. L. Mote, **2003**: Moisture and temperature characteristics of Atlanta's urban heat island-induced precipitation days. **99th Annual Meeting, Association of American Geographers**, New Orleans, Louisiana.
79. Ashley, W. S., P. G. Dixon, J. D. Durkee, E. J. Powell, S. L. Trotter, T. L. Mote, and A. J. Grundstein, **2002**: A climatology of mesoscale convective complexes in the United States. **21st Annual Conference on Severe Local Storms, American Meteorological Society**, San Antonio, Texas.
80. Dixon, P. G., **2002**: Climatological Patterns of Atlanta's Urban Heat Island-Initiated Precipitation. **98th Annual Meeting, Association of American Geographers**, Los Angeles, California.
81. Gamble, D. W., M. A. Crump, D. Parnell, and P. G. Dixon, **2002**: Latitudinal Variation of Rainfall on San Salvador, Bahamas. **98th Annual Meeting, Association of American Geographers**, Los Angeles, California.
82. Dixon, P. G., W. S. Ashley, J. D. Durkee, E. J. Powell, S. L. Trotter, T. L. Mote, and A. J. Grundstein, **2002**: Precipitation contributions of mesoscale convective complexes in the southeastern United States. **First Annual Southeast Severe Storms Symposium**, Mississippi State, Mississippi.
83. Dixon, P. G., D. Brommer, D. Parnell, D. W. Gamble, and M. E. Brown, **2000**: Field evaluation of Hurricane Floyd damage to the water resources and tourism infrastructure of San Salvador Island, Bahamas. **96th Annual Meeting, Association of American Geographers**, Pittsburgh, Pennsylvania.

TEACHING

Fort Hays State University, Hays, KS, fall 2014–present

GSCI 101: <i>Elements of Physical Geography</i>	GSCI 665: <i>Severe Storm Observations</i>
GSCI 110: <i>World Geography (online)</i>	GSCI 673: <i>Physical Meteorology</i>
GSCI 644: <i>Climatology</i>	GSCI 673: <i>Synoptic Meteorology</i>
GSCI 651: <i>Floods and Foliage</i>	GSCI 674: <i>Aerial Photographs & Remote Sensing</i>
GSCI 651: <i>Geography of Kansas Brewing</i>	GSCI 675: <i>Seminar in Geosciences (online)</i>
GSCI 657: <i>Weather Analysis</i>	

Mississippi State University, Starkville, MS, Fall 2005–Summer 2014

GR 1001: <i>FYE: Will climate change kill me?</i>	GR 6402: <i>Weather Analysis I</i>
GR 1114: <i>Physical Geography</i>	GR 6412: <i>Weather Analysis II</i>

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|---|--|
| GR 6733: <i>Synoptic Meteorology (online)</i> | GR 8990: <i>Weather Prediction (online)</i> |
| GR 6843: <i>Severe Storm Methods</i> | GR 8990: <i>Field Methods in Geosciences</i> |
| GR 6990: <i>Applied Research in Climatology</i> | GR 8573: <i>Research in Applied Meteorology</i> |
| GG 8561: <i>Geologic Literature</i> | GR 8990: <i>Philosophy and Ethics of Geosciences</i> |
| GG 8572: <i>Geoscience Seminar</i> | GR 8990: <i>Forum for Future Faculty</i> |

Arizona State University, Tempe, AZ, fall 2003–Spring 2005

- GPH 111: *Introduction to Physical Geography*
GPH 411: *Introduction to Physical Geography*
GPH 212: *Introduction to Meteorology*

Mesa Community College, Mesa, AZ, summer 2004–Spring 2005

- GPH 111: *Introduction to Physical Geography* and lab
GPH 212: *Introduction to Meteorology* and lab

Chandler - Gilbert Community College, Chandler, AZ, spring 2004

- GPH 111: *Introduction to Physical Geography* and lab

Mesa Community College - Red Mountain, Mesa, AZ, fall 2003

- GPH 212: *Introduction to Meteorology* and lab

Scottsdale Community College, Scottsdale, AZ, summer 2003

- GPH 111: *Introduction to Physical Geography* and lab

The University of Georgia, Athens, GA, fall 2000 - spring 2001

- GEOG 1112L: Lab for *Introduction to Weather & Climate*

PROFESSIONAL DEVELOPMENT

- *Becoming a Provost Academy*, American Association of State Colleges and Universities, 2022–2023
- NSF Ideas Lab, Geosciences Opportunities for Leadership in Diversity (GOLD), Annapolis, Maryland, March 2016
- 32nd Academic Chairperson's Conference, Austin, Texas, February 2015
- The Forum for Oktibbeha County Leadership Development, Starkville, Mississippi, August 2009–June 2010
- NCAR Summer Colloquium on Climate and Health, Boulder, Colorado, July 12–17, 2009
- Workshop, Geography Faculty Development Alliance, University of Colorado, June 16–23, 2007
- Seminar series, Preparing Future Faculty, Arizona State University, 2003–2004
- Workshop, *Effective Test Writing Workshop*, Arizona State University, 2003
- Workshop, *Preparing a Course Syllabus*, Scottsdale Community College, 2003
- Workshop, *Dealing with Disruptive Students*, Scottsdale Community College, 2003

HONORS and AWARDS

- President's Distinguished Scholar, Fort Hays State University, 2019
- Outstanding Research Mentor, Fort Hays State University Graduate School, 2018
- Top Reviewers for Environment/Ecology, Publons Peer Review Awards, 2018
- Top Reviewers for Multidisciplinary, Publons Peer Review Awards, 2017
- Sentinels of Science: Earth and Planetary Sciences, Publons Peer Review Awards, 2016
- Dissertation Medal, American Association of State Climatologists, 2008
- 2nd Place, Climate Specialty Group Student Paper Competition, Association of American Geographers, 2005
- Honorable Mention, Climate Specialty Group Student Paper Competition, Association of American Geographers, 2004
- University Graduate Scholar, Arizona State University, 2002

- Outstanding Teaching Assistant, The University of Georgia, 2002

EDITORIAL WORK

- Field Editor, Climate and Health, *International Journal of Biometeorology*, 2017–2023
- Editorial Board, *Discover Applied Sciences*, 2024–present
- Editorial Board, *Springer Nature Applied Sciences*, 2020–2023
- Field Editor, Epidemiology, *International Journal of Biometeorology*, 2011–2017
- Section Editor, “Climate Change and Human Health,” *Current Climate Change Reports*, 2016
- Guest Editor, “Technology, Data, and the Assessment of Atmospheric Exposure on Finer Scales,” *International Journal of Environmental Research and Public Health*, 2015
- Guest editor, “Climate Change and Human Health,” *International Journal of Environmental Research and Public Health*, 2010
- Publications Committee, National Weather Association, 2009–2012
- Associate Editor, *National Weather Digest / Journal of Operational Meteorology*, 2009–2011
- Editorial Board, *Geography Compass*, 2008–2015

MANUSCRIPT REVIEWER (261 for 78 different journals; 174 while at FHSU)

1. *African Journal of Agricultural Research*
2. *Air Quality, Atmosphere and Health*
3. *American Journal of Climate Change*
4. *Animals*
5. *Annals of Human Biology*
6. *Applied Geography*
7. *Atmosphere*
8. *Atmospheric Science Letters*
9. *Bulletin of the American Meteorological Society*
10. *Climate Research*
11. *Climatic Change*
12. *Computers, Environment, and Urban Systems*
13. *Current Climate Change Reports*
14. *Current Science*
15. *Earth Interactions*
16. *Environmental Health*
17. *Environmental Health Perspectives*
18. *Environment International*
19. *Environmental Research*
20. *Frontiers of Environmental Science and Engineering*
21. *The Geographical Bulletin*
22. *Geographical Review*
23. *Geography Compass*
24. *The Geography Teacher*
25. *Geosciences*
26. *Indoor and Built Environment*
27. *Injury Prevention*
28. *International Journal of Biometeorology*

- 29. *International Journal of Climatology*
- 30. *International Journal of Disaster Risk Reduction*
- 31. *International Journal of Environment and Climate Change*
- 32. *International Journal of Environmental Research and Public Health*
- 33. *Journal of Affective Disorders*
- 34. *Journal of Applied Meteorology*
- 35. *Journal of Applied Meteorology and Climatology*
- 36. *Journal of Atmospheric and Solar-Terrestrial Physics*
- 37. *Journal of Climate*
- 38. *Journal of Experimental Agriculture International*
- 39. *Journal of Geophysical Research - Atmospheres*
- 40. *Journal of Geoscience Education*
- 41. *Journal of Global Epidemiology and Environmental Health*
- 42. *Journal of Maps*
- 43. *Journal of Operational Meteorology*
- 44. *Journal of Political Economy Microeconomics*
- 45. *The Lancet Planetary Health*
- 46. *Landscape and Urban Planning*
- 47. *Meteorological Applications*
- 48. *Meteorology and Atmospheric Physics*
- 49. *National Weather Digest*
- 50. *Natural Hazards*
- 51. *Nature Climate Change*
- 52. *The North Carolina Geographer*
- 53. *npj (Nature Partner Journals) Climate and Atmospheric Science*
- 54. *Papers in Applied Geography*
- 55. *Papers and Proceedings of Applied Geography Conferences*
- 56. *Physical Geography*
- 57. *The Professional Geographer*
- 58. *Progress in Neuro-Psychopharmacology & Biological Psychiatry*
- 59. *Progress in Physical Geography*
- 60. *Psychiatry Research*
- 61. *Psychological Reports*
- 62. *Risk Analysis*
- 63. *Science of the Total Environment*
- 64. *The Social Science Journal*
- 65. *Social Science & Medicine*
- 66. *Southeastern Geographer*
- 67. *Springer Nature Applied Sciences*
- 68. *Stochastic Environmental Research and Risk Assessment*
- 69. *Structure and Infrastructure Engineering*
- 70. *Transactions of the Institute of British Geographers*
- 71. *Tropical Medicine and International Health*
- 72. *Urban Climate*

- 73. *Water*
- 74. *Weather, Climate, and Society*
- 75. *Weather and Climate Extremes*
- 76. *Weather and Forecasting*
- 77. *World Development*

EXTERNAL GRANT REVIEWER

- National Oceanic and Atmospheric Administration, VORTEX-USA, 2021
- National Science Foundation, BCS-Geography and Spatial Sciences, 2018
- National Science Foundation, Research Traineeship Program, Division of Graduate Education, 2016
- NASA Earth System Science Fellowship program, 2014
- U.S. Army Research Office, 2014
- National Geographic Society, 2013
- National Science Foundation, Sociology Program, 2013
- National Science Foundation, Geography and Spatial Sciences Program, 2012 (twice)
- National Science Foundation, Sociology Program, 2012
- Luxembourg National Research Fund, Biomedical Sciences Division, 2009
- Panel Reviewer, CDC National Center for Environmental Health, 2009
- Austrian Science Fund, Department for Biological and Medical Sciences, 2008
- National Science Foundation, Geography and Regional Science Program, 2007
- National Science Foundation, Climate and Large-Scale Dynamics Program, 2007

PROFESSIONAL MEMBERSHIPS

- International Society of Biometeorology since 2007
- American Association of Geographers since 1999
- American Meteorological Society since 1997

UNIVERSITY SERVICE

- Coordinator, JEDI Advisors, 2021–present
- Affiliation Implementation Team (FHSU, NCK Tech, Northwest Tech), 2023
- Search Committee for Senior Diversity Officer, 2022
- Chair, Search Committee for Director of the Office of Data and Institutional Effectiveness, 2022
- Chair, Search Committee for Computer Science faculty, 2022
- Search Committee for Biological Sciences faculty, 2022
- Academic Affairs representative, FHSU Continuity of Operations Planning (COOP), 2021
- MC, International Day of Women and Girls in Science, Werth College of Science, Technology, and Math, Fort Hays State University, 2021
- Chair, Search Committee for Dean of the Graduate School, 2020
- Co-Chair, Strategic Planning Group 3.3 (Diversify Faculty and Staff), 2020–2021
- President's Distinguished Scholar Committee, 2020–present
- CIPG+ Subcommittee on Pandemic “Triggers,” 2020
- Fall Continuity Planning, Working Group 1, 2020
- Senior Leadership Team, 2018–present
- President's Cabinet, 2018–present
- Academic Council, 2018–present
- Chair, Program Expansion Initiative Mapping Team, Strategic Enrollment Planning, 2019

- New Programs Initiative Mapping Team, Strategic Enrollment Planning, 2019
- Steering Committee, Strategic Enrollment Planning, 2019–present
- Marketing and Strategic Communications Council, 2019–present
- Chair, Course Auditing Committee, 2019
- Council for Institutional Effectiveness, 2018–present
- Endowed Professor Review Committee, 2019–present
- Alcohol Service Task Force, 2018–2019
- Inclusion & Diversity Excellence Advisory (I.D.E.A.) Team, 2017–present
- University Strategic Enrollment Management Committee, 2016–present
- Program Review Committee, 2015–present
- Sabbatical Review Committee, 2015–present
- Search Committee for Provost and Vice President for Academic Affairs, 2018
- Search Committee for Learning Media Coordinator, 2018
- Search Committee for Faculty Development Specialist, 2018
- University Marketing Plan and Website Redesign Committee, 2017–2018
- Faculty Workload Task Force, 2015–2016
- Export Control Task Force, 2015–2016
- Search Committee for Dean of College of STEM, 2016
- Arts & Sciences Courses and Curriculum Committee, MSU, 2012–2014
- Reviewer, Henry Family Research Fund, MSU, 2010
- Graduate Student recruitment committee, MSU, 2009–2014
- University Committee on Courses & Curricula, MSU, 2009–2014
- Research Committee, Department of Geosciences, MSU, 2008–2014
- Department of Geosciences webmaster, MSU, 2007–2013
- Installation of weather station (part of the Mississippi Mesonet) at West Oktibbeha Elementary School, Sturgis, Mississippi, 2007
- Department of Geosciences Representative, Arts & Sciences Faculty Senate MSU, 2007
- Creation and maintenance of real-time campus weather webpage, MSU, 2006
- Installation of weather station at Hilbun Hall, MSU, 2006
- Judge, MSU Graduate Student Association Symposium, 2006

OTHER SERVICE

- Mentor, NSF Full STEAM Ahead, 2023–present.
- Session Chair, “Human – The Americas I,” *22nd International Congress of Biometeorology, International Society of Biometeorology*, online, 2021.
- Session Chair, “Human – The Americas II,” *22nd International Congress of Biometeorology, International Society of Biometeorology*, online, 2021.
- External Program Reviewer, Department of Biology and Geosciences, Adams State University, Alamosa, Colorado, 2019
- Judge, Student Paper Competition, Climate Specialty Group, American Association of Geographers, 2018
- Session Chair, “Animal Biometeorology,” *21st International Congress of Biometeorology, International Society of Biometeorology*, Durham, UK, 2017.
- Judge, Student Paper Competition, Climate Specialty Group, American Association of Geographers, 2017
- Judge, Student Paper Competition, Climate Specialty Group, American Association of Geographers, 2016

- Session Chair, "Atmospheric Effects upon Human Health I," *20th International Congress of Biometeorology, International Society of Biometeorology*, Cleveland, Ohio, 2014.
- Program Committee, *International Congress of Biometeorology 2014, International Society of Biometeorology*, Cleveland, Ohio.
- Session Chair, "Weather, Climate, and Health I: Trends and Projections," *2014 Annual Meeting, Association of American Geographers*, Tampa, Florida
- Reviewer, Jacques May Thesis Prize, sponsored by the Health and Medical Geography Specialty Group, Association of American Geographers, 2013
- Session Organizer and Chair, "Tornado Risk, Vulnerability, and Preparedness, Part I: Human Factors," *2013 Annual Meeting, Association of American Geographers*, Los Angeles, California
- Session Organizer and Chair, "Tornado Risk, Vulnerability, and Preparedness, Part II: Physical Factors," *2013 Annual Meeting, Association of American Geographers*, Los Angeles, California
- Session Chair, "Human Health," *19th International Congress of Biometeorology*, Auckland, New Zealand, 2011
- Judge, Student Paper Competition, Climate Specialty Group, Association of American Geographers, 2010
- Session Chair, "Human 1," *18th International Congress of Biometeorology*, Tokyo, Japan, 2008
- Session Organizer and Chair, "Climate Effects on Human Health and Mortality II," *2008 Annual Meeting, Association of American Geographers*, Boston, Massachusetts
- Session Organizer, "Climate Effects on Human Health and Mortality I," *2008 Annual Meeting, Association of American Geographers*, Boston, Massachusetts
- Session Chair, *7th Annual Southeast Severe Storms Symposium*, Mississippi State, Mississippi, 2007
- Session Organizer, "Tenure and Promotion: Advice from Senior Faculty," *2007 SEDAAG Annual Meeting*, Charleston, South Carolina
- Session Organizer, "Publishing Articles as a Young Researcher," *2007 SEDAAG Annual Meeting*, Charleston, South Carolina
- National Weather Association Awards Committee, 2007–present
- Judge, Student Paper Competition, Climate Specialty Group, Association of American Geographers, 2007
- Session Chair, *2007 Annual Meeting, Association of American Geographers*, San Francisco, California
- Session Chair, *6th Annual Southeast Severe Storms Symposium*, Mississippi State, Mississippi, 2007
- Session Chair, *101st Annual Meeting, Association of American Geographers*, Denver, Colorado, 2005
- Guest Speaker, Mesa Community College, Mesa, AZ, 2003
- Guest Speaker, Sanborn Elementary School, Chandler, AZ, 2003, 2004
- Developed science tutorials for local Boy Scouts, Starkville, MS, 2000
- Installed weather station at Ward-Stewart Elementary School, Starkville, MS, 2000
- Judge, Mississippi Delta Regional Science Fair, elementary division, 1999

GRADUATE STUDENTS ADVISED (89 total; 14 while at FHSU)

Thesis Advisor

Andrew Grubb, M.S.	Tory Farney, M.S., 2013
Shayne O'Brien, M.S. 2018	David Cox, M.S., 2012
Victoria A. Ives, M.S.	Nyssa Perryman, M.S., 2010
Kelly D. Boyd, Ph.D.,	Ashley Sedorovich, M.S., 2010
Nathan Owen, M.S., 2014	Karen Galvin, M.S., 2009
Brandon Sylvester, M.S., 2014	Ashley McDonald, M.S., 2009
Lance Watkins, M.S., 2014	Mary Johns, M.S.
Teri Watkins, M.S., 2014	Ashley Hayes, M.S., 2008
Jessica Van Meter, M.S., 2013	Kelsey Scheitlin, M.S., 2007

Non-thesis Adviser

Moyosore Hassan, M.S., 2017	David Wolter, M.S., 2011
Christopher "Isaac" Williams, M.S., 2014	Christopher Luckett, M.S.
Jonathan Bellemore, M.S., 2013	Alan Holt, M.S., 2010
Ronald Hester, M.S., 2013	William H. Seay, M.S., 2010
Zachery Maye, M.S., 2013	Marla Cummings, M.S., 2009
Robert Rickey, M.S., 2013	Ethan Huston, M.S., 2008
Christopher Spears, M.S., 2013	Travis Phipps, M.S.
Timothy Zimmerman, M.S., 2013	Joshua Marcisz, M.S.
Brittani Dubose, M.S.,	Michael Startin, M.S., 2007
Matthew Marlow, M.S., 2012	Martha "Becky" Williams, M.S.
Christopher Balliro, M.S., 2012	William "Drew" McCombs, M.S., 2007
Milton "Tre" Beever, M.S., 2012	Charles "Patrick" Rowley, M.S., 2007
Stephanie Goldsmith, M.S., 2012	Dominic Brown, M.S., 2007
Brian Hutton, M.S., 2011	

Thesis Committee Member

Paul Zunkel, Ph.D., 2017	Evan Thomas, M.S., 2012
Christa Haney, Ph.D., 2016	Ian Comstock, M.S. (Univ Alabama), 2011
Craig Nations, M.S.	Wes Wyatt, M.S. (Univ Alabama), 2010
Michelle Saunders, M.S. (Univ Alabama), 2015	Amy Wood, M.S., 2009
Cheryl McLaurin, M.S., 2015	Gary Goggins, M.S., 2009
Morgan Terry, M.S. (Univ Alabama), 2014	Heather Eschete, M.S., 2009
Kent Sparrow, M.S., 2014	Ryan Aylward, M.S., 2008
Alyssa Bates, M.S., 2014	Adam Thomas, M.S., 2008
Idamis Del Valle-Martinez, M.S., 2014	Todd Beal, M.S., 2007
Alexis Grimes, M.S., 2014	Ryan Theel, M.S., 2007
Cory Rhodes, M.S. (Univ Alabama), 2012	Lindsay McCullough Walker, M.S., 2006
Michael Battalio, M.S., 2012	

Non-thesis Committee Member

Michael Gasho, M.L.S., 2017	Cecilia Reeves, M.S., 2012
Skyler Schultz, M.S., 2015	Scott Roberts, M.S., 2012
Matt Holiner, M.S., 2014	Michael Vasquez, M.S., 2012
Meaghan Thomas, M.S., 2014	Ian Guenther, M.S., 2011

P. Grady Dixon
Werth College of Science, Technology, and Mathematics

pgdixon@fhsu.edu
Fort Hays State University

Kevin Roth, M.S., 2011
Ryan Stinnett, M.S., 2011
Jason Sydejko, M.S., 2011
Lynnsey Myers, M.S., 2010
Sandra Theiss, M.S., 2010
Jennifer Ast, M.S., 2009
Robert "Jason" Dunning, M.S., 2009
Jacob Irvin, M.S., 2009
Lindsey Morschauser, M.S., 2009
Stefanie Davis, M.S., 2008
Jason Ellis, M.S., 2007
Justin Stapleton, M.S., 2007