

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

Mississippi State University, 2011 – 2014, Associate Professor, Department of Geosciences

Mississippi State University, 2005 – 2011, Assistant Professor, Department of Geosciences

PUBLICATIONS

Student Co-authors underlined, * = undergraduates

Refereed:

43. **Dixon, P. G.**, J. D. Durkee, J. Oglesby, O. Cahill, and M. K. Wright, **2021**: 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**: Climate teleconnections influence male white-tailed deer phenotype in a moderate climate. *International Journal of Biometeorology*, DOI:10.1007/s00484-019-01850-7.
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. Cervený, **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.
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.

RECENT INVITED PRESENTATIONS

- Dixon, P. G., 2022: Tornado Climatology. **Hays Rotary Club**, Hays, Kansas.
- 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.
- Dixon, P. G., 2021: Tornado Climatology. **Hays Optimist Club**, Hays, Kansas.
- Dixon, P. G., 2021: 1951 Tornado, WaKeeney, Kansas. **Trego County Historical Society Museum**, WaKeeney, Kansas.
- Dixon, P. G., 2021: FHSU Storm Chase. **Kiwanis Club**, Hays, Kansas.
- Dixon, P. G., 2021: Tornado Climatology: Where and when do they actually happen? **Lions Club**, Hays, Kansas.

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

pgdixon@fhsu.edu
Fort Hays State University

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.**

Dixon, P. G., 2021: Climate Change: What Do We Really Know? **Tiger Teacher Nation Professional Learning Day**, Hays, Kansas.

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.

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

EDITORIAL WORK

- Field Editor, Climate and Health, *International Journal of Biometeorology*, 2017–present
- Editorial Board, *Springer Nature Applied Sciences*, 2020–present
- 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