

**JON ANTHONY STALLINS**

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**RESEARCH AREAS**

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Animal and plant geographies  
 Human-environment interactions  
 Geographic thought and philosophy  
 Complexity and resilience theory  
 Science and technology studies

**EDUCATION**

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- 1995-2000 University of Georgia, Athens; Department of Geography. Ph.D. in Geography. Dissertation Title: Barrier Island Morphology and Dune Vegetation Pattern and Process in the Georgia Bight. Ph.D. Advisor: Albert J. Parker
- 1992-1995 Georgia State University, Atlanta; Department of Biology, Master of Science in Biology.
- 1983-1985 Florida State University, Tallahassee; Department of Geology. Bachelor of Science in Geology.

**ACADEMIC POSTS**

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- 2022- Director of Undergraduate Studies, Geography
- 2020- Full Professor
- 2018- Director of Undergraduate Studies, Environment and Sustainability Studies
- 2017- Environment and Sustainability Studies Program Faculty, University of Kentucky
- 2011 Associate Professor, Department of Geography, University of Kentucky
- 2006-2011 Associate Professor, Department of Geography, Florida State University
- 2006 - 2008 Graduate Program Director, Department of Geography, Florida State University
- 2000-2006 Assistant Professor, Department of Geography, Florida State University
- 1995-2000 Teaching Assistant (Lecturer and Lab Instructor), Department of Geography, University of Georgia
- 1992-1995 Lab instructor, Department of Biology, Georgia State University.
- 1986-1992 Certified Science Teacher. Atlanta Public Schools. General Science (7-12).

## RESEARCH

### PUBLICATIONS (Student co-authors in bold)

#### IN PREP

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Stallins, J.A., Nick Lally, and Erin Luther. Infrastructures of eBird and wildlife rehabilitation and the production of urban bird species richness. To be submitted to the *Annals of the Association of American Geographers*, Fall 2022.

**Parise, Chelsea** and J.A.Stallins. Undoing colorblind ecologies: redlining and just green enough in Boston's Franklin Park forest, To be submitted to *Environment and Planning E*, Spring 2023

#### IN REVIEW

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#### ACCEPTED/IN PRESS

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#### PUBLISHED ARTICLES

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Stallins, J.A. 2021. The Anthropocene: The One, The Many, and the Topological. *Annals of the Association of American Geographers*. 111(3): 638-646.  
<https://doi.org/10.1080/24694452.2020.1760781>

Stallins, J.A., **Hsu, L.C.** , Zinnert, J. C., and Brown, J. 2020. How Bottom-up and Top-down Controls Shape Dune Topographic Variability along the U.S. Virginia Barrier Island Coast and the Inference of Dune Dynamical Properties *Journal of Coastal Conservation* 24: 30. <https://doi.org/10.1007/s11852-020-00747-7>

**Hsu, L.C.** and Stallins, J.A. 2020. Multiple Representations Of Topographic Pattern And Geographic Context Determine Barrier Dune Resistance, Resilience, And The Overlap Of Coastal Biogeomorphic Models. *Annals of the Association of American Geographers* 110 (3): 640-660. <https://doi.org/10.1080/24694452.2019.1654845>

Stallins, J.A. and **Strosberg, S.** 2020. Ontology, Difference, and Anticipating the Antimicrobial Resistance Timeline. *Futures* 115. <https://doi.org/10.1016/j.futures.2019.102467>

Zinnert, J. C., Via, S. M., Nettleton, B. P., Tuley, P. A., Moore, L. J., and Stallins, J. A. 2019. Connectivity in Coastal Systems: Barrier Island Vegetation Influences Upland Migration in a Changing Climate. *Global Change Biology* 25(7): 2419–2430.

Stallins, J.A. and Corenblit, D. 2018 Interdependence of Geomorphic and Ecological Resilience Properties in a Geographic Context. *Geomorphology* 305: 76-93. (Resilience and Bio-Geomorphic Systems – Proceedings of the 48th Binghamton Geomorphology Symposium. <https://doi.org/10.1016/j.geomorph.2017.09.012>

**White, M.** and Stallins, J.A. 2017. Non-Meteorological Influences on Severe Thunderstorm Warning Issuance: A Geographically-Weighted Regression of County Warning Area Boundaries, Land Cover, and Demographic Variables. *Weather, Climate, and Society* (American Meteorological Society) 9(3): 421-439.

- Stallins, J.A., **Law, D., Strosberg, S.** Rossi, J. 2016. Geography and Postgenomics: How Space and Place are the New DNA *GeoJournal* 83(1): 153–168.
- Zinnert, J. Stallins, J.A., Brantley, S.T., and Young, D.R. 2016. Crossing Scales: Complexity of Barrier Island Processes for Predicting Future Change. *BioScience* (American Institute for Biological Sciences) 67(1): 39–52.
- Monge, J.** and Stallins, J.A. 2016. Properties of Dune Topographic State Space for Six Barrier Islands of the U.S. Southeastern Atlantic Coast. *Physical Geography* 37(6): 452-475.
- Watson, K., and Stallins, J.A. 2016 Honey Bees and Colony Collapse Disorder: A Pluralistic Reframing. *Geography Compass* 10(5): 222–236.
- Stallins, J.A. 2015. The Ecosocial and the Evolutionary. In Labban, M., Lave, R., Stallins, J. A., Castree, N., and Engel-Di Mauro, S. (2015). Towards Earthly Social Theory: Critical Reflections on Salvatore Engel-Di Mauro's Ecology, Soils, and the Left. *Progress in Physical Geography: Earth and Environment* 39(5): 661–686.
- Corenblit, D., Baas, A., Balke, T., Bouma, T., Fromard, F., Garófano-Gómez, V., González, E., Gurnell, A.M., Hortobágyi, B., Julien, F., Kim, D. , Lambs, L., Stallins, J.A., Steiger, J., Tabacchi, E. and Walcker, R. 2015. Engineer Pioneer Plants Respond To and Affect Geomorphic Constraints Similarly Along Water-Terrestrial Interfaces Worldwide. *Global Ecology and Biogeography* 24(12):1363-1376.
- Kim, D., DeWitt, T.J., Costa, C.S.B., Kupfer, J.A., McEwan, R.W. and Stallins, J.A. 2015. Beyond Bivariate Correlations: Three-block Partial Least Squares Illustrated with Vegetation, Soil, and Topography. *Ecosphere* 6(8): 1-32.
- Stallins, J.A., Mast, J., and Parker, A. 2015. Resilience Theory and Thomas Vale's Plants and People: A Partial Consilience of Ecological and Geographic Concepts of Succession. *Professional Geographer* 67(1): 28-40.
- Smith, M.**, Stallins, J.A., Maxwell, J., and Van Dyke, C. 2013. The Complex Nature of Hydrological Shifts and Tree Growth Responses to River Modification along the Apalachicola River, Florida. *Physical Geography* 34(6): 491-511.
- Stallins, J.A. and **Kelley, L.** 2013. The Embeddedness of a Native North American Snake in the Wildlife Pet Trade and the Production of Assemblage Geographies. *Annals of the Association of American Geographers* 103(3): 417-436.
- Stallins, J.A., **J. Carpenter**, M. Bentley, W. Ashley, J.A. Mulholland 2012, A Weekend-Weekday Cloud-to-Ground Lightning Climatology for an Urban Region and the Scale Dependency of Weekly Anthropogenic Signals. *Regional Environmental Change* 13(1): 137-151.
- Stallins, J.A. 2012 Scale, Causality, and the New Organism-Environment Interaction. *Geoforum* 43(3): 427–441.

- Ashley, W. S., M. L. Bentley, and J. A. Stallins. 2012. Urban-Induced Thunderstorm Modification in the Southeast United States. *Climatic Change* 113(2): 481-498.
- Ignatius, A.** and Stallins, J.A. 2011. Assessing Spatial Hydrological Data Integration to Characterize Geographic Trends in Small Reservoirs in the Apalachicola-Chattahoochee-Flint River Basin. *Southeastern Geographer* 51(3): 371-393 (not WOS).
- Jordan, L. J.A. Stallins, **S. Stokes**, E. Johnson, and R. Gragg 2011. Citizen Mapping and Environmental Justice: Internet Applications for Research and Advocacy. *Environmental Justice* 4(3): 155-162.
- Bentley, M.L., Ashley, W., and Stallins, J.A. 2010 Climatological Radar Delineation of Urban Convection for Atlanta, Georgia. *International Journal of Climatology* 30(11): 1589–1594.
- Stallins, J.A., **Nesius, M., Smith, M., Watson, K.** 2010. Biogeomorphic Characterization of Floodplain Forest Change in Response to Reduced Flows along the Apalachicola River, Florida. *River Research and Applications* 26: 242–260.
- Rose, S.,** Stallins, J.A. and Bentley, M. 2008. Concurrent Cloud-to-Ground Lightning and Precipitation Enhancement in the Atlanta, Georgia Urban Region. *Earth Interactions* 12 (11) 1-30.
- Stallins, J.A. **Rose, S.** 2008. Urban Lightning: Current Research, Methods, and the Geographical Perspective. *Geography Compass* 2(3): 620–639.
- Bentley, M.L. and Stallins, J.A. 2007. Synoptic Evolution of Midwestern U.S. Extreme Dewpoint Events. *International Journal of Climatology*. 28: 1213-1225.
- Stallins, J.A. 2007. The Biogeography of Geographers: A Visualization of Publication Content. *Physical Geography* 28(3): 261-275.
- Stallins, J.A. and Bentley, M.L. 2006 GIS-Based Assessments of Urban Cloud-to-Ground Flash Distribution for Atlanta, Georgia. *Applied Geography* 26: 242–259.
- Bentley, M. L. Lee, L. M. Stallins, J. A. 2006 Lightning at "The Master's": An Evaluation of April Thunderstorms in and near the Augusta National Golf Club. *Physical Geography* 27(3): 236-257.
- Stallins, J.A., Bentley, M., **Rose, S.** 2006. The Extent of Urban-Modified Cloud-to-Ground Flash Characteristics (1992-2003) for Atlanta, Georgia (USA). *Climatic Research* 30(2): 99-112.
- Stallins, J.A. 2005. Geomorphology and Ecology: Unifying Themes for Complex Systems in Biogeomorphology. *Geomorphology* 77(3-4): 207-216.
- Stallins, J.A. 2005 Stability Domains in Barrier Island Dune Systems. *Ecological Complexity* 2(4): 410-430.

- Bentley, M. And Stallins, J.A. 2005. Descriptive Climatology of Cloud-to-Ground Lightning Activity in the State of Georgia, 1992-2003. *International Journal of Climatology* 25: 1979-1996.
- Stallins, J. A. and **Griggs, J.** 2004. Influence of Historic Upland Silviculture on the Composition of Ravine Forests along the Apalachicola River, Florida. *Natural Areas Journal* 24 (3): 242-250.
- Stallins, J.A. 2004. Characterization of Urban Lightning Hazards for Atlanta, Georgia. *Climatic Change* 66(1-2): 137-150.
- Stallins, J.A. and Parker, A.J. 2003. The Influence of Complex Systems Interactions on Dune Vegetation Pattern and Process. *Annals of the Association of American Geographers*. 93(1): 13-29.
- Stallins, J.A. 2002. An Overlooked Source of Weather-Related Property Damage in the Southeast: Lightning Losses for Georgia, 1996-2000. *Southeastern Geographer* Vol. 42 (2): 296-301.
- Stallins, J.A. 2002. Dune Plant Species Diversity and Function in Two Barrier Island Biogeomorphic Systems. *Plant Ecology* 165(2):183-196.
- Stallins, J.A. 2001. Soil and Vegetation Patterns in Barrier Island Dune Environments. *Physical Geography* 22(1): 79-98.

## **BOOK CHAPTERS**

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- Shepherd, J.M., J.A. Stallins, M. Jin, and T.L. Mote, 2010: Urban Rainfall and Convective Processes. In: *Handbook of Urban Ecology*, Routledge Publishers.
- Shepherd, J.M., J.A. Stallins, M. Jin, and T.L. Mote, 2010. Urbanization: Impacts on Clouds, Precipitation, and Lightning. Pages 1-28 in *Urban Ecosystem Ecology*, American Society of Agronomy-Crop Science Society of America.

## **RESEARCH GRANT PROPOSALS IN REVIEW OR IN PREP**

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### **RESEARCH GRANTS ACTIVITY (NSF Lead PI total - 96,473; NSF Co-PI total - 47,153)**

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| 2018 | Zinnert, J. (Virginia Commonwealth University), Chan, David (VCU) and Stallins, J.A. . Collaborative Proposal: Connectivity and Resilience in Barrier Island Systems. National Science Foundation - Geography and Spatial Sciences(Unfunded)                               |
| 2017 | Gares, P. (East Carolina Univ), Hesp, P (Flinders Univ), Stallins, J., Walker, I (Arizona State Univ), Zhu, Z (ECU). Dune Migration and Environmental Change in Cape Cod National Seashore. NSF Division of Earth Sciences Geomorphology and Land-use Dynamics. (Unfunded) |

- 2017 Zinnert, J. (Virginia Commonwealth University), Stallins, J.A., Moore, L. (UNC-Chapel Hill). National Science Foundation - Directorate for Biological Science/MacroSystems Biology. Collaborative Proposal: Cross-scale Biogeomorphic Interactions and Sea-Level Rise on Barrier Islands. (Unfunded)
- 2015 Stallins, J.A. National Science Foundation Geography and Spatial Sciences Program. Characterization of dune biogeomorphic state space and its relationship to the distribution of barrier coast resilience (Unfunded)
- 2014 Stallins, J.A. National Science Foundation Geography and Spatial Sciences Program. "Land Cover, Floral Resources, and the Socioecological Dimensions of Apiculture. (Unfunded)
- 2013 Stallins, J.A., Bentley, M. (James Madison University) National Science Foundation Geography and Spatial Sciences Program. Collaborative Research: Aerosol Effects on Thunderstorm Convection and Lightning across a N. American Climatic Gradient. (Unfunded)
- 2012 Stallins, J.A., Horn, T. (Eastern Kentucky University), Watson, K. (EKU). National Science Foundation Dynamics of Coupled Human Natural Systems Program. "Land Cover, Floral Resources, and the Socioecological Dimensions of Apiculture". (Unfunded)
- 2010-2012 Stallins, J.A. and Nesius, M. National Science Foundation Geography and Spatial Science Program Doctoral Dissertation Research Improvement Grant (\$13,750). "Evolution of food networks: Foodscape connectivity, egocentric networks, and social contagion in community supported agriculture".
- 2010-2011 Stallins, J.A. A geospatial framework for investigating honey bee declines: characterization of honey bee floral resource availability and use among apiaries in north Florida. Committee on Faculty Research Support (COFRS), Florida State University. (\$14,000).
- 2008-2010 Gamper, H. And J.A. Stallins. National Science Foundation Geography and Regional Science Doctoral Dissertation Research Improvement Grant (\$11,880). "Engineering Effects of Scale Insects on Forest Dynamics in Fragmented Tropical Montane Oak Forests of Veracruz, Mexico". (4/15/2008 - 4/15/2010).
- 2007 Stallins, J.A., Chanton, J., Inouye, B., and Ward, C. Acquisition of Dendrochronology Equipment for Research Across Disciplines. Florida State University Research Foundation - Equipment Enhancement Grant. (\$7443).
- 2007-2011 Bentley, M., Walker, A., Stallins, J.A. Collaborative Research: Climatological and Event-Based Radar Delineation of UHI Convection for Urban Corridors within the Southeastern US. National Science Foundation, co-sponsored by Geography and Regional Science Program and the Physical and Dynamic Meteorology Program in the Division of Atmospheric Sciences (\$26,957).

- 2006-2008 Watson, K., Stallins, J.A., and Klooster, D. US Community Forestry Research Fellowship (CFRF) Program, University of California-Berkeley (\$16,000)
- 2004 Stallins, J.A. Tupelo Forest Dynamics and Honey Production along the Apalachicola River System. Committee on Faculty Research Support (COFRS), Florida State University (\$8000).
- 2004-2006 Bentley, M., Changnon, D., Stallins, J.A. Changes in the Frequency of Extreme Warm Season Surface Dewpoints in the Midwestern U.S.: Implications for Weather-Related Hazards. National Science Foundation Geography and Regional Science Program. (\$20,196).
- 2004-2005 Jue, D., Davis, F., Sellers, R., and Stallins, J. Collecting and Mapping Historical Land Use and Historic Sites in the Apalachicola River Basin. Division of Historical Resources, Florida Department of State. (\$19,332).
- 2003-2007 Stallins, J.A., Bentley, M., Konrad, C., and Diem, J. Collaborative Research: Complex Controls on the Distribution of Lightning Characteristics and Property Damage in an Urbanized Region. National Science Foundation Geography and Regional Science Program. Lead institution, FSU. (\$96,473). Note: J. Diem (Georgia State Univ) and C. Konrad (UNC-Chapel Hill) added to this grant in its last year so that they could have legal access to the lightning data).
- 2003-2005 Ueland, J.S. and Stallins, J.A. National Science Foundation Geography and Regional Science Doctoral Dissertation Research Improvement Grant Human Dimensions and Ecological Modeling of Mangrove Change in Florida. (\$11,998)
- 2001 Stallins, J.A. GEO 3401-Map Analysis: A Web-Based Approach to Acquiring Cartographic Skills. Program for Instructional Development, Office for Distributed and Distance Learning, Florida State University. (\$4693)
- 2001 Stallins, J.A. Forest Dynamics in the Apalachicola Estuarine Research Reserve. Association of American Geographers.(\$830)
- 2000-2001 Stallins, J.A. Effects of Topography on the Distribution of Lightning Property Damage in Atlanta, Georgia. First Year Professor Award, FSU (\$10,000).
- 1999-2000 Franklin College of Arts and Sciences Distinguished Doctoral Research Assistantship, University of Georgia. (\$10,000)
- 1998-1999 Stallins, J.A. Barrier Island Morphology and Dune Vegetation Pattern and Process. National Science Foundation Geography and Regional Science Program, Doctoral Dissertation Improvement Grant. (\$9675).

## **CO-EDITOR**

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2021 - Environment and Planning F (Co-editor)

## **EDITORIAL BOARDS**

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2019- Progress in Physical Geography

2015 - Southeastern Geographer

2011 - Physical Geography

## **RESEARCH GRANT PROPOSAL PANELS**

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2022 National Science Foundation Human-Environment and Geographic Sciences Program (HEGS)

2020-2021 National Science Foundation Human-Environment and Geographic Sciences Program (HEGS)

2020-2021 National Science Foundation Coastlines and People (CoPe) Advisory Panel

2008-2010 National Science Foundation Geography and Spatial Science Program

## **GRANT PROPOSALS - OUTSIDE REVIEWER (Since 2000)**

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American Philosophical Society (1)

National Science Foundation (48)

National Geographic Society (2)

NOAA - Sea Grant (2)

US Dept of Energy - National Institute for Climate Change Research (3)

UK Undergraduate Fulbright Program (1)

## **MANUSCRIPT/BOOK PROPOSAL REVIEWER**

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Advances in Water Research (1)

Ambio - A Journal of the Human Environment (1)

Annals of the Association of American Geographers (4)

Blackwell Publishing UK (1)

Caribbean Journal of Science (1)

Capitalism, Nature, Socialism (1)

Catena (3)

Climate Research (2)

Earth Surfaces Processes and Landforms (7)

Earth Interactions (1)

Ecological Complexity (1)

Ecology Letters (1)

Ecosphere (1)

Ecosystems (1)

Environment and Planning A (1)

Eos (1)

Estuaries and Coasts (2)

Folia Geobotanica (1)

Georgia Sea Grant (1)

Geoforum (1)

Geojournal (1)



Geomorphology (8)  
 Global and Planetary Change (1)  
 The Holocene (1)  
 International Journal of Applied Geospatial Research (1)  
 International Journal of Climatology (1)  
 Journal of Applied Meteorology and Climatology (3)  
 Journal of Coastal Research (12)  
 Journal of Geophysical Research - Atmospheres (2)  
 Journal of Geography in Higher Education (1)  
 Journal of the Kentucky Academy of Sciences (2)  
 Journal of Marine Science and Engineering (1)  
 Land Use Policy (5)  
 Nature and Culture (1)  
 Plant Ecology (5)  
 Physical Geography (16)  
 PloS One (2)  
 Professional Geographer (6)  
 Progress in Physical Geography (1)  
 Southeastern Geographer (7)  
 Tayler and Francis Publishers (1)  
 Transactions of the British Institute of Geographers (1)

#### **INVITED PRESENTATIONS**

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- 2017 Urban Climate Change: Weather Modification in Cities. Presented as part of Symposium "Fostering Dialogue and Collaboration on Climate Change", UK Water Week.
- 2015 Stallins, J.A. Department of Biology, University of Louisville. "Barrier Island Dune State Space and Textural Discontinuities in Topography and Vegetation"
- 2014 Stallins, J.A. Department of Biology, Virginia Commonwealth University. "Barrier Island Dune State Space and Textural Discontinuities in Topography and Vegetation"
- 2011 Stallins, J.A. "Determinism, Scale, and the Difference Organisms Make". University of Kentucky, Department of Geography.
- 2009 Stallins, J.A. "Complexity and Diversity-Stability Debates: A Biogeomorphic Synthesis from a Geographical Perspective." FSU Department of Mathematics Complexity Seminar
- 2008 Stallins, J.A. "Floodplain Forest Change along the Apalachicola River: Results from Repeat Vegetation Surveys and Dendrochronology". FSU Department of Geology
- 2007 Stallins, J.A. Symposium on Global Warming. Florida Department of Environmental Health. Tallahassee, Florida
- 2006 Stallins, J.A., M. Smith, and K. Watson. "Bees and Trees in the Florida Panhandle". Coastal and Marine Conservation Lecture Series, FSU Coastal and Marine Lab Conservation Lecture Series.

- 2006 Stallins, J.A. "Suburban Hotspots: Patterns of Anthropogenic Lightning Enhancement in the Atlanta Region". Georgia Southern University, Department of Geology and Geography.
- 2006 Stallins, J.A. "The Urban Climate of Atlanta, Georgia and its Influence on Lightning and Precipitation Patterns: How Sprawl Influences and is Influenced by the Weather". Department of Oceanography, Florida State University.
- 2006 Stallins, J.A. "Anthropogenic Lightning Patterns for Atlanta, Georgia: A GIS-Based Approach". North Florida Chapter of the American Meteorological Society.
- 2005 Stallins, J.A. "A Complex Systems Biogeomorphology and its Relevance to Biogeography". Department of Biological Sciences Natural History Seminar Series, Florida State University.
- 2003 Stallins, J.A. "From Imagined Places to Functional Spaces: How Geography Sees the Shore". Department of Oceanography and the Center for Professional Development, Florida State University.
- 2002 Stallins, J.A. "A Short History of Why We Go to the Beach". The Nature Conservancy, Tallahassee, Florida.
- 2001 Stallins, J.A. "Barrier Island Dune Vegetation Dynamics". Department of Biological Sciences Natural History Seminar Series, Florida State University.
- 2000 Stallins, J.A. "A Short History of the Why We Go to the Beach". The Georgia Conservancy. Sapelo Island, Georgia.

#### **CONFERENCE PRESENTATIONS** (Students shown in bold)

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- 2022 **Gould, K.** and J.A. Stallins. A comparison of eBird data with wildlife rehabilitation records for a US subtropical city Virtual paper presented at the Association of American Geographers. Organized session: Animals and their Use of Space.
- 2022 Stallins, J.A. and **K. Gould.** Human-wildlife encounters in the city: socioecological insights from wildlife rehabilitation records. Virtual paper presented at the Association of American Geographers. Organized session: Animals and their Use of Space.
- 2021 Stallins, J.A. The Anthropocene: the one, the many, and the topological. Virtual paper presented at Association of American Geographers. Seattle WA.
- 2020 Stallins, J.A. Wildlife rehabilitation data and rehabilitators as sources for insights into ecological processes. Online presentation presented at the Call of the Wild Conference hosted by the Virginia Wildlife Center.

- 2019 Stallins, J.A. Comparing cross-scale resilience properties through data-modeling of topographic state space. Poster presented at Association of American Geographers. Organized session: New Bio-geographies. Washington DC.
- 2018 Stallins, J.A. Striving for bioutopia with postgenomics: antibiotic resistance and the productivities of difference in the Anthropocene. Paper presented at Association of American Geographers. Organized session: From the Anthropocene to Postgenomics: New Configurations of Body-World. New Orleans.
- 2017 Stallins, J.A. Urban rainfall modification. Presented at UK Water Week as part of the session "Fostering Dialogue and Collaboration on Climate Change" sponsored by Tracy Farmer Institute for Sustainability and the Environment. Lexington.
- 2016 Stallins, J.A. Spatialities of difference and antibiotic resistance: A pragmatist's guide to working with the human microbiome. Paper presented at Association of American Geographers. Organized session: Microbial Matters: Towards a Geography of the Microbiome. Boston.
- 2015 **Alfaro, Nicolas** and Stallins, J.A. Point, gradient, and patch-based data representations of dune topographic similarity. Poster presented at Annual Meeting of the Southeastern Division of the Association of American Geographers. Pensacola, FL.
- 2015 Stallins, J.A. The ecosocial and the evolutionary. Invited panelist and presenter for special session "Physical geography/social theory/radical politics: engaging Salvatore Engel-Di Mauro's *Ecology, Soils, and the Left*". Paper presented at the Association of American Geographers, Chicago.
- 2015 Stallins, J.A. Coastal engineering as crisis and opportunity: disturbance as a tool to track and anticipate the domain and threshold state space of barrier dunes. Paper presented at the Association of American Geographers. Organized Session: Disturbance, Crisis, and Creative Construction. Chicago.
- 2013 Stallins, J.A. The microbial production of nature, Paper presented at the Association of American Geographers, Los Angeles.
- 2013 Stallins, J.A. The biospatial dimensions of the postgenomic production of nature. Paper presented at the Association of American Geographers. Organized Session: Geographical Perspectives on Environmental Epigenetics: Transforming Ideas of Health and Environment. Los Angeles.
- 2013 Stallins, J.A. Biospatial dimensions of the postgenomic production of nature. Paper presented at the University of Kentucky Dimensions of Political Ecology Conference.
- 2012 Co-organizer and panelist, Evolutionary Geographies Panel Session, Annual Meeting of the Association of American Geographers. New York.

- 2012 Stallins, J.A.(Presenter) and **Santalla, S.** Incidental biodiversity, the middle class, and the effectual mobilities of a wildlife rehabilitation network. Special paper session on the Geographies of Wildlife, Annual Meeting of the Association of American Geographers. New York.
- 2012 Stallins, J.A.(Presenter) and **Kelley, L.** The embeddedness of hognose snakes (*Heterodon* spp.) in the wildlife pet trade and the relevance of assemblage geographies for reptile conservation. Special paper session on Bodies in Motion: Animality, Movement, and the Human-Animal Relationship, Annual Meeting of the Association of American Geographers. New York.
- 2012 Stallins, J.A. Narratives of collapse and decline, ecological causality, and colony collapse disorder. Paper presented at the University of Kentucky Dimensions of Political Ecology Conference. Lexington.
- 2011 Stallins, J.A. How cities modify their weather: mapping cloud-to-ground lightning in Atlanta, Georgia. University of Kentucky GIS Day. Lexington.
- 2011 Stallins, J.A.(Presenter) and **Noack, K.** The influence of urban aerosols on cloud-to-ground lightning and atmospheric stability in the Atlanta, Georgia region. Florida Society of Geographers. Gainesville, FL.
- 2011 Stallins, J.A.(Presenter) and **Santalla, S.** Trends in wildlife rehabilitation over a multi-year period: birds, mammals, reptiles and the socioeconomics of animal rescue. Florida Society of Geographers. Gainesville, FL.
- 2010 Stallins, J.A.(Presenter) and **Carpenter, J.** Weekday-weekend contrasts in urban lightning modification for Atlanta, Georgia. Annual Meeting of the Association of American Geographers. Washington DC.
- 2010 Stallins, J.A. Determinism, contingency, and the difference organisms make. Paper presented at the Annual Meeting of the Association of American Geographers. San Francisco. Washington DC.
- 2009 Stallins, J.A. New geographies of apiculture. Paper presented at the Annual Meeting of the Southeastern Division of the Association of American Geographers. Knoxville, TN.
- 2009 Stallins, J.A.,(Presenter) **Nesius, M., Smith, M.,** and **Watson, K.** Biogeomorphic characterization of floodplain forest change in response to reduced flows along the Apalachicola River. Environmental Flows: Water for People and Nature in the Southeast. Southeastern Environmental Flows Partnership Conference, Athens, GA.
- 2007 Stallins, J.A. Water level decline and forest change along the Apalachicola River. Paper presented at the Annual Meeting of the Association of American Geographers. San Francisco.

- 2007 Stallins, J.A.(Presenter) and **Smith, M.** Water level decline and forest change (1977-2004) along the Apalachicola River. Florida Society of Geographers. Jacksonville, FL.
- 2006 **Watson, K.** and Stallins, J.A. (Presenter) Land-use change, social networks of adaptation, and the production of tupelo honey in Florida's Apalachicola River Basin. Paper presented at the Annual Meeting of the Association of American Geographers. Chicago.
- 2006 Stallins, J.A. Differences between ecological biogeography and geomorphology: organizing motifs and the role of organisms. Special paper session on Geomorphic Effects on Ecological Processes and Patterns, Annual Meeting of the Association of American Geographers. Chicago.
- 2006 Stallins, J.A., (Presenter), Bentley, M., and **Rose, S.** Delineating urban-enhanced lightning production: an approach using flash-defined thunderstorm tracks. Special paper session on Climatology and Hazards of Severe Weather, Annual Meeting of the Association of American Geographers. Chicago.
- 2006 Stallins, J.A. Suburban hotspots: using GIS to investigate lightning anomalies associated with Atlanta's urban heat island. Seven Hills Regional Users Group for GIS, Tallahassee.
- 2006 Watson, K. and Stallins, J.A.(Presenter) Tupelo honey production in northwest Florida: challenges, networks, and livelihood strategies. Florida Society of Geographers. Tampa.
- 2005 **Rose, L.**, Stallins, J.A. (Presenter), Bentley, M. The extent of urban-modified lightning production for Atlanta, Georgia. Special paper session on Urban Climate, Annual Meeting of the Association of American Geographers. Denver.
- 2005 Stallins, J.A. A complex systems biogeomorphology and its relevance to biogeography. Special paper session on Unifying Themes in Biogeography, Annual Meeting of the Association of American Geographers. Denver.
- 2005 Stallins, J.A. Suburban hotspots: patterns of lightning flash production in Atlanta, Georgia. Paper presented at the Annual Meeting of the Southeastern Division of the Association of American Geographers. Charlotte.
- 2004 Stallins, J.A. Stability domains, plant diversity, and ecological resiliency at large spatial scales: insights from barrier island dune systems. Special paper session on Geomorphology and Ecology, Annual Meeting of the Association of American Geographers. Philadelphia.
- 2003 Stallins, J.A.(Presenter) and **Griggs, J.** Influence of Historic silviculture on the composition of ravine forests along the Apalachicola River, Florida. Annual Meeting of the Southeastern Division of the Association of American Geographers. Charlotte.

- 2003 Stallins, J.A. Complex Controls on urban lightning hazards for Atlanta, Georgia. Annual Meeting of the Association of American Geographers. New Orleans.
- 2002 Stallins, J.A. Complex adaptive systems: methods and models for biogeography. Special paper session on Complexity and Geography. Annual Meeting of the Association of American Geographers. Los Angeles.
- 2002 Stallins, J.A (Presenter) and Parker, A.J. Dune biogeomorphic interactions and their influence upon the patterning of overwash. Paper presented at the Annual Meeting of the Association of American Geographers. Los Angeles.
- 2001 Stallins, J.A. Lightning property damage losses for Georgia (1996-2000) and potential sources of variability in its distribution. Paper presented at the Annual Meeting of the Southeastern Division of the Association of American Geographers. Lexington.
- 2001 Stallins, J.A. A comparison of two biodiversity models for barrier island dune vegetation. Paper presented at the Annual Meeting of the Association of American Geographers. New York.
- 2000 Stallins, J.A. Comparative Biogeomorphic structuring of dune vegetation on a mesotidal and a microtidal barrier island. Paper presented at the Annual Meeting of the Association of American Geographers. Pittsburgh.
- 2000 Stallins, J.A. Dune soil and vegetation patterns in two barrier island geomorphic environments. Paper presented at the Annual Meeting of the Southeastern Division of the Association of American Geographers. Chapel Hill.
- 1999 Stallins, J.A. Dune plant species diversity on a mesotidal and a microtidal barrier island. Paper presented at the Annual Meeting of the Southeastern Division of the Association of American Geographers. Tampa.

#### **ABSTRACTS, SHORT ARTICLES, CONFERENCE PROCEEDINGS**

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- 2007 Stallins, J.A. and Bentley, M. Urban cloud-to-ground lightning enhancement in Atlanta, Georgia, and its relevance to urban weather hazards. *Weather and Society Watch*, National Center for Atmospheric Research Societal Impacts Program 1(2): 2.
- 2006 Fuhrmann, C.M, Mote, T., and Stallins, J.A. An analysis of radar and cloud-to-ground lightning signatures associated with warm season convective windstorms across Georgia. 5<sup>th</sup> Annual Southeast Severe Storms Symposium, American Meteorological Society.
- 2003 Stallins, J.A. Complex controls on the distribution of lightning characteristics and property damage in an urban region. *National Hazards Observer* (November). URL: <http://www.colorado.edu/hazards/o/2003.html>. p. 22.
- 1996 Stallins, J.A. a review of terrestrial and tidal salt marsh vegetation change on Sapelo Island, Georgia. *Georgia Journal of Science* 54(2): 96-98.

## TEACHING

### TEACHING AWARDS

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2020	UK Geography Department Faculty Teaching Award
2017	Teachers Who Made a Difference (UK College of Education)
2010	Excellence in Teaching Recognition (FSU Office of the Provost)
2009	Excellence in Teaching Recognition (FSU Office of the Provost)
2007	FSU Undergraduate Distinguished Teaching Award (FSU Office of the Provost).
1996-1997	Outstanding Teaching Assistant Award. University of Georgia Dept. of Geography.

### CURRENT TEACHING

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2011 - **Department of Geography, University of Kentucky**

Courses taught (**new preps shown in bold**):

#### Undergraduate

**GEO 261 Global Dynamics of Health**  
**ENS 300/GEO 365 Environment on Film**  
**ENS 202 Environment and Sustainability II**  
**ENS 300 Environmental Health**  
GEO 130 Earth's Physical Environments  
**GEO 135 Global Climate Change**  
**GEO 162 Intro to Global Environmental Issues**  
**GEO 406/706 Environmental Field Methods**  
**GEO 406 Field Studies in Geography**

#### Undergraduate/graduate

GEO 530 Biogeography and Conservation

#### Graduate

**GEO 721 Ecological Theory in Geography**  
**GEO 702 Concepts in Geography**  
**GEO 721 Digital Field Methods**

#### Study Abroad

**BIO 280/ENV 280 Introduction to Environmental Science (Costa Rica, Summer 2015)**  
**BIO 475/GEOG 455 Global Environmental Change (Costa Rica, Summer 2015)**

## University of Kentucky - Student mentoring

Directing Professor for completed degrees - UK Geography

**Chelsea Parise** (MA 2022). Race, gentrification and vegetation succession in an urban forest

**Li-Chih Hsu** (PhD, 2019). Visualizing dune topographic state space.

**Jackie Monge** (MA Thesis, 2014). Convergence of dune topography among multiple barrier island morphologies.

**Sophie Strosberg** (MA Thesis, 2014). The human-hookworm assemblage: contingency and the practice of helminthic therapy.

**Megan White** (MA Thesis, 2014). Associating severe thunderstorm warnings with demographic and landscape variables: A geographically weighted regression based mapping of forecast bias.

Currently serving as Directing Professor - UK Geography

**Karen Kinslow** (PhD Candidate). The role in affect in the stream restoration process

**Aleks Craine** (PhD). How emotional support animals shape notions of home and care

**Colby Clark** (PhD Candidate, Department of Philosophy). Metaphysics of space in ecological complexity. (Co-advising with Dr. Ted Schatzki)

**RL Marten** (MA). Reproductive politics of Bradford pear. (Co-advising with Dr. Lydia Pelot-Hobbs).

Currently serving as Graduate Committee Member - UK Geography

**Dayna Cueva** (PhD Candidate under Michael Samers)

**Chris Keeve** (PhD). Spatialities of seed networks and agrobiodiversity (PhD Candidate under Priscilla McCutcheon).

Currently serving as Outside Full Committee Member at UK

**Cameron Boutin** (PhD Candidate, Department of History). Reconstructing the role of climate during the US Civil War using tree rings and socio-cultural perception of regional weather differences. Directing Professor: Amy Taylor

**Tyler Stumpf** (PhD Candidate, Department of Anthropology). GIS and geospatial analysis of settlement/housing design, Sapelo Islands, Georgia. Directing Professor: Dick Jefferies

**Vanessa Harvey** (PhD, Department of Anthropology). GIS and geospatial analysis of landscape features and variability in lithic raw material procurement and design. Directing Professor: Dick Jefferies

**Victoria Dekle** (PhD Candidate, Department of Anthropology). Riverine boundary detection in coastal plain archaeology along Savannah River, Georgia. Directing Professor: Dick Jefferies



Current serving as Outside Full Committee Member at other universities

Applied Environment and Sustainability Studies MA committees for completed degrees

Carlie Martingdale (2022)  
Laura Butler (2022)  
Kendall Hough (2022)  
Kelly Davison (2021)

New Maps Plus MS in Digital Mapping

Gene Hahn (2021)  
Devin Rocco (2021)  
Zac Stanley (2022)

Graduate Committee Member for completed degrees

Isaiah Kingsberry (MS Geographical and Environmental Sciences, Univ of Louisville, 2022)  
Carly Baker (MA Geography, 2022)  
Dayton Starnes (PhD Anthropology, 2021)  
Joe Brown (PhD Ecology, 2021: Virginia Commonwealth University)  
Tasnuba Jerin (PhD Geography, 2020)  
Jacqueline Ferguson (MS Geography, 2020; Univ of South Carolina)  
Alex Rittle (MA Geography, 2015)  
Chris Van Dyke (PhD Geography, 2015)  
Jimbo Jahnz (MA Geography, 2013)

Graduate Committee Member for completed non-thesis MA/MS degrees

Lisa Taylor, (MS, Department of Biology)

Undergraduate research supervision

Kristen Gould (Env and Sustainability Studies, 2021). eBird and wildlife rehab records trends  
Sam Harmon (Env and Sustainability Studies, 2019) Climate change and beach hazards  
Lorena Sistig (Animal Sciences, 2018) Spatial analyses of wildlife rehabilitation data  
Amanda Breseman (Geography and ENS, 2018) GIS analyses of health resources  
Nathaniel Swallow (Geography, 2016) Mapping severe thunderstorm warning polygon sizes  
Nicolas Alfaro (BA Geography, 2015) Topographic pattern characterization of lidar data  
Shelby Jones (BS Biology, 2014) Structure from motion 3D topographic analyses

Undergraduate Honor's theses

Daniel Yan (BS Biology, 2022) A GIS data models for crop nutritional changes under CO2 enrichment

Aya Omar (BS Biology, BS Animal Science, 2017) Human-dog relationships and rabies in Nepal

Undergraduate Honor's credits

GEO 530 (2)  
GEO 261 (5)

## **PAST UNIVERSITY TEACHING**

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2000 - 2011 Department of Geography, Florida State University

**Courses taught** (bold-face classes were new preps):

### Undergraduate

**GEO 1331 Environmental Science**  
GEO 3200 Physical Geography  
**GEO 3140 Map Analysis**  
**GIS 3015 Map Analysis (distance learning version)**  
**GEO 1331 Environmental Science** (Taught in FSU Learning Community)  
GEO 4941 Internship in Geography  
GEO 4930 **Undergraduate Seminar: Complexity and Hazards**

### Undergraduate/graduate

**GEO 4300/5305 Biogeography**  
**GEO 4114/5115 Environmental Field Methods**

### Graduate

**GEO 5118 Geographic Research**  
**GEO 5934 Seminar in Global Warming**  
**GEO 5934 Seminar in Complexity Theory**

International Study Abroad - Sydney and Cairns, Australia (Summer 2007, 2008, 2009)

**OCE-1001 Oceanography**  
**ISC-2003 Human Dimensions of Global Change**

## **FSU - Student mentoring**

Directing Professor for completed degrees - PhD and MS

Brad Huff (PhD 2012). Using mixed methods, spatial syntax, and GIS to understand the dynamics of planned communities. Associate Professor, Columbus State University, Georgia.

Heather Gamper (PhD 2012). Scale insect outbreaks, forest dynamics, and fragmentation in high elevation oak forests of Veracruz, Mexico. Funded by NSF Doctoral Dissertation Improvement Grant. Geospatial Analyst, San Francisco Bay Area

Lauren Kelly (MS). (MS 2011). The embeddedness of hognose snakes (*Heterodon* spp.) in the wildlife pet trade and the relevance of assemblage geographers for reptile conservation. GIS Analyst, Cartographer, New Zealand Government Administration.

Amber Ignatius (MS 2009). Thesis title: Big water, little water: cumulative impacts of small reservoirs in the Apalachicola-Chattahoochee-Flint River Basin. University of North Georgia, Assistant Professor of Geography and Geospatial Science. Assistant Professor of Geography and Geospatial Science, University of North Georgia.

Shea Rose (PhD 2008). Dissertation title: A spatial analysis of lightning strikes and precipitation in the Atlanta, Georgia region. Associate Professor of Geosciences, University of West Georgia.

Matt Smith (MS 2007). Thesis title: Long-term change in hydrology, tree growth, and forest composition along the Apalachicola River. GIS Developer at The Geospatial Group, Charlottesville, Virginia.

George Cole (PhD 2007). Dissertation title: Hydrology-based methods of wetland delineation. FSU DeVoe Moore Dissertation Fellowship recipient. Licensed professional Surveyor.

Todd Albert (PhD 2007) Dissertation title: Anthropogenic climate change and tropical glaciers (Co-director with Dr. Jim Elsner, FSU Dept of Geography). Web developer, Palm Beach, FL.

Kristin Stewart (PhD, 2006). Dissertation title: Human-dolphin encounter spaces. FSU DeVoe Moore Dissertation Fellowship recipient. Practicing lawyer specializing in animal law, .

Jeff Ueland (PhD, 2005). Dissertation title: Mangrove change and policy dynamics in Florida. NSF-Doctoral Dissertation Improvement Grant. FSU DeVoe Moore Dissertation Fellowship recipient. Current position: Professor, Bemidji State University, MN.

Mike Wilson (MS, 2001). Thesis title: Land-use history and primate habitat, Isla Tigre, Panama. Field biologist, Florida Fish and Wildlife.

#### Directing Professor for completed Undergraduate Honor's Theses - FSU Geography

Jeran Miller (BS, 2008) Mapping the spaces of *capoeira angola* in Salvador, Brazil  
Michael Nesius (BS, 2007) Floodplain forest dendrochronology, Apalachicola River  
Seneca Holland (BS, 2003) Dredging and tupelo honey production, Apalachicola River.  
Darroc Goolsby (BS, 2002) Dune vegetation of Dog Island, Florida  
Jennifer Griggs (BS, 2002) Land-use history and forest structure, Apalachicola River.

#### Graduate Committee Member for completed degrees - FSU Geography

Ting Liu (PhD 2014)  
Libin Zhao (PhD, 2012)  
Krista Markwardt (MS, 2011)  
Tao Zhang (PhD, 2009)  
Emily Fogarty (PhD, 2009)  
Hosuk Lee (PhD 2009)  
Rob Hodges (MS 2009)  
Jeff Dickey (PhD 2006)  
Jialing Wang (PhD 2005)  
Barry Bitters (PhD 2005)  
Emily Fogarty (MS 2004)  
Jeff Wood (MS 2004)  
Melodie Kertis (MS 2002)

#### Outside Graduate Committee Member for completed degrees

Justin Maxwell (PhD 2012, Geography, University of North Carolina)  
Scott Rudlosky (PhD 2010, Meteorology)

Abe Gibson (PhD 2010 History)  
Casey TerHorst (PhD 2010, Ecology)  
Chris Wilhelm (PhD 2010 History)  
Chris Gilson (MS 2008, Geography, Northern Illinois University)  
Wilbert Butler (PhD 2008, Science Education)  
Anthony Priestas (MS 2008, Geology)  
Joe Hereford (PhD 2005, Biology)  
Pablo Munguia (PhD 2006, Biology)  
Meg Blanchard (PhD 2006, Science Education)  
Chris Fuhrmann (MS 2006, Geography, University of Georgia)  
Sarah Braun (MS 2006, Biology)

Undergraduate Honor's Thesis Committee Member for completed degrees

Evan Kalina (Meteorology, 2010)  
John Allen (Biology, 2009)  
Michael Plastini (Biology, 2008)  
Michelle Lopez (History, 2007)  
Brian Biefelt (Biology, 2005)  
Jonathan Luna (Anthropology, 2004)  
Amanda White (Biology, 2004)  
Franc Clapp (Biology, 2005)

1995-2000 **Teaching Assistant, Department of Geography, University of Georgia.**

Lecturer

GEOG 1111 Introduction to Physical Geography

Lab instructor

GGY 200 Resources, Society, and the Environment  
GGY 121 Intro to Landforms Lab  
GGY 1111L Physical Geography Lab  
GGY 120 Weather and Climate Lab

1992-1995 **Teaching Assistant, Department of Biology, Georgia State University, Atlanta.**

Lab instructor/field assistant

BIO 693 Field Ecology of the Smoky Mts  
BIO 693 Field Ecology of the Southern Rocky Mts  
BIO 400/600 General Ecology  
BIO 103/104 General Biology  
BIO 385 Animal Biology Lab

## SERVICE

### UNIVERSITY, COLLEGE AND DEPARTMENT

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#### University of Kentucky

2022-	Director of Undergraduate Studies, Geography
2022	College of Arts and Sciences Topical Studies Committee
2022	Geography Department Chair Search Advisory Committee
2021	Chair, Departmental Undergraduate Committee
2020-	Departmental Undergraduate Committee
2020-2023	College of Arts and Sciences - Promotion and Tenure Committee
2020-2021	Departmental Personnel Committee
2020-2024	Integrated Plant and Soil Science Graduate Program Steering Committee
2019	UK Biology Departmental Review - Review Committee Member
2017-2018	Colloquium Committee Chair
2018 -	Director of Undergraduate Studies, Environment and Sustainability Studies
2017	Departmental Search Committee Health Geographies
2016-2019	University Admissions Committee
2016-2018	Faculty Senate Member
2014-2017	Departmental FMER Committee
2014-2015	University Educational Policies Committee (EPC)
2016-2017	Chair, Departmental External Relations Committee
2014-2016	Departmental External Relations Committee
2014	Departmental Job Search Committee (Political Ecology)
2011-2014	Departmental Graduate Committee
2011-2012	Departmental Laboratories Advisory Committee

#### Florida State University

2011	FSU Grad School Intl Dissertation Semester Research Fellowship Committee
2010	Academic Honor Policy Hearing Panel
2009-2011	University Faculty Senate Departmental Representative
2008 - 2011	Faculty Senate - Teaching Evaluation Steering Committee
2009 - 2011	Faculty Senate - Elections Committee
2007-2010	Peer Evaluation Committee, FSU Department of Geography
2006-2009	Director of Graduate Studies, FSU Department of Geography
2002-2005	Bryan Hall Learning Community, Undergraduate Mentoring Program
2001- 2006	Coordinator, Geography Internship Program
2002- 2009	Webmaster, Department of Geography.
2002-2009	Graduate Studies Committee, Department of Geography.
2001-2009	Graduate Teaching Committee
2003	Interim Graduate Director, Fall Semester
2002	Faculty Sponsor, United Students (SGA Organization)
2003	Graduate Student Teaching Colloquium, Department of Geography

### TENURE AND PROMOTION REVIEWS - OUTSIDE REFEREE

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Associate Professor (3)

Full Professor (1)

International (1)

## **REGIONAL AND NATIONAL SERVICE**

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- 2020- Newsletter editor and web site manager, AAG Biogeography Specialty Group
- 2017 - 2019 President, AAG Biogeography Specialty Group
- 2019 Co-organizer and participant, New Bio-geographies Poster Session, Annual Meeting of the Association of American Geographers. Washington, DC
- 2012 Co-organizer and participant, Evolutionary Geographies Panel Session, Annual Meeting of the AAG. New York, NY.
- 2005-2010 Program Committee, Annual Meeting of the Southeastern Division of the Association of American Geographers. Knoxville, TN
- 2009 Paper and panel session organizer and chair, 'New Geographies of Apiculture', Annual Meeting of the Southeastern Division of the Association of American Geographers. Knoxville, TN.
- 2008-2010 National Science Foundation - Geography and Spatial Sciences Grant Proposal Review Panel Member
- 2007 Reviewer, Association of the American Geographers, Biogeography Specialty Group Student Research Grant Competition
- 2005-2007 U.S. Geological Survey. Assisted in peer-review process of project reports; vegetation sampling.
- 2005 Session Discussant and Chair. Annual meeting of the Southeastern Division of the Association of American Geographers.
- 2005 Paper and panel session organizer and chair, 'Unifying Themes in Biogeography', Annual Meeting of the Association of American Geographers.
- 2004 Reviewer, Association of the American Geographers, Biogeography Specialty Group Student Research Grant Competition
- 2003-2005 STATEMAP Advisory Committee, Florida Geological Survey
- 2001-2003 State Representative for Florida, Southeastern Division of the Association of American Geographers
- 2001-2003 Coordinator, Quiz Bowl, annual meeting of the Southeastern Division of the Association of American Geographers
- 2002 Judge, Association of American Geographers-Biogeography Specialty Group Student Paper Competition.
- 2000 Session Discussant and Chair. Annual meeting of the Southeastern Division of the Association of American Geographers.

## **SYNERGISTIC ACTIVITIES**

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- 2022 Breakout session co-moderator at University of Kentucky John P. Wyatt Environment and Health Symposium (April 22)
- 2020-2021 NSF Research Experience for Undergraduates, Disturbance ecology in Central Appalachia. Eastern Kentucky University, Department of Geosciences (Awardee). Lecture on scale, microclimate sampling and analysis using iButtons. (June 2020 and June 2021)
- 2019 Presentation to Dunbar High School Environmental Club on job in the environmental field (October)
- 2019 Picadome Elementary School, Lexington KY. Presented talks on earthquakes and volcanoes to fourth grade classes. (May)
- 2018 Picadome Elementary School, Lexington KY. Over a four day period instructed grades 2-5 in a mapping activity (May)
- 2017 University Sustainability Challenge Grant Reviewer (UK)
- 2017 Panel member, UK Water Week, Tracy Farmer Institute for Sustainability and the Environment (October)
- 2017 UK Global Health Alliance. Presentation on global climate change and disease graduate student organization in Public Health and College of Medicine, University of Kentucky (January)
- 2016 Latino Leadership and College Experience Camp, Eastern Kentucky University. Co-taught a mapping activity to high school students to introduce them to geography. (August)
- 2015 Public lecture on Global Climate Change, First Presbyterian Church, Lexington.
- 2015 Kentucky Institute for International Studies. Study abroad instruction, Costa Rica. Taught two upper level undergraduate classes.
- 2015 Providence Montessori Middle School, Lexington, KY. Digital mapping activity using Wii to introduce mapping concepts
- 2010 The Magnolia School, Tallahassee, FL. Activities with elementary and middle school students about geography and mapping.
- 2009 Conference presenter and workshop organizer and leader for a special session at the annual meeting of the American Society for Environmental History (Tallahassee, Florida) on Environmental Justice: Understanding Race, Place, Class, and Environmental Inequities - GIS and Environmental Justice. Presentation title: GPS and Google Earth: a hands-on introduction to GIS for environmental justice. Workshop participants were led through a field-based exercise on the use of a GPS.

- 2008 Nature of Science (NOS) curriculum development. Participation in a series of interviews and writing activities with faculty in FSU Department of Science Education to develop curriculum for a middle school science book.
- 2008 Identification of wood species comprising the panel for the painting *Madonna della Scala* (1522-23) by Andrea del Sarto. John and Mable Ringling Museum of Art, Sarasota, Florida.
- 2007- 2009 Organizer, and trip leader for Florida State University's International Program in Australia (Sydney and Cairns).
- 2005 Sponsor for visiting PhD candidate from University of Minho (Portugal) Department of Geography funded by a grant from the Institute of Marine Research/Luso-American Foundation.
- 2004 Project Citizen teleconference with Romanian middle school students
- 2000 Trip Organizer and Leader, Georgia Conservancy. Organized and led overnight tours to Sapelo Island, Georgia and the Great Smoky Mountains National Park. Participants were the general public.

#### **MEDIA INTERVIEWS/ARTICLES**

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- 2020 WKTY on impacts of Covid on climate change (April 23)
- 2019 Owensboro Messenger-Inquirer. Climate change being felt in Kentucky (Aug 18)
- 2019 Interview, Center for Public Integrity. The role of climate change in flash flooding following watershed reclamation of surface coal mining sites
- 2018 Eastern Standard, NPR-WEKU on plastics in the environment (July 12)
- 2018 WKYT, on climate change and weather disasters in Kentucky. (July 5)
- 2018 Research on urban climate change featured as part of an article in Forbes Magazine (July 10, 2018).
- 2008 Atlanta Journal Constitution (Aug 22, 2008). Gwinnett, north DeKalb get 'urban-enhanced lightning': growth brings stormier summers to metro Atlanta.
- 2007 Weather and Society Watch, National Center for Atmospheric Research (NCAR) Societal Impacts Program (SIP). Urban cloud-to-ground lightning enhancement in Atlanta, Georgia and its relevance to urban weather hazards.
- 2006 Tallahassee Democrat (Sept. 17). A sweet industry struggles to survive.
- 2006 The State, Faculty/Staff Bulletin of Florida State University (July 31). Beekeepers work hard for the honey.



- 2006 WFSU/FSU Headlines Radio News (July 28). Beekeepers work hard for the honey, despite changing tupelo forest.
- 2004 WCTV-6 Tallahassee (June 14). Striking property damage.
- 2003 WCTV-6 Tallahassee (August 6). Lightning as an under-recognized source of weather damage.
- 2003 WFSU/FSU Headlines Radio News (August 11). FSU Geography professor finds lightning does strike twice: first your property, then your pocketbook.
- 2003 WFSU/FSU Headlines Television News (October). Most damaging weather research.
- 2003 Florida State Times Newspaper (October). Lightning does strike twice.

### **NON-UNIVERSITY TEACHING AND TRAINING**

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- 1986-1992 Atlanta Public Schools, Science Instructor.
- 1987 Teaching Certification, Georgia State University, Atlanta. August 1987. Performance-based doctorate certification (T-6) for General Science (7-12). Certification current.
- 1987 Teacher Recruitment and Training Program, Georgia State University, Atlanta. One of six candidates chosen statewide to participate in alternative science certification program funded by the Georgia Department of Education and the American Federation of Teachers.

### **PROFESSIONAL DEVELOPMENT**

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- 2021- Responsible Conduct of Research Training, The Collaborative Institutional Training Initiative (CITI) Program, UK
- 2015 Programming in R Workshop, QIPSR, UK
- 2014 Human Research Training, The Collaborative Institutional Training Initiative (CITI) Program, UK
- 2007 Eastern Apicultural Society Short Course in Beekeeping, July 31 - Aug 2, Young Harris College, GA.
- 2006 North American Dendrochronology Summer Field Week participant; Newport, OR.
- 2002 NSF Summer Workshop for New and Early Career College and University Faculty, University of Colorado-Boulder.
- 2001 Council of Instruction, Florida State University. Web-based curriculum training.
- 2001 FSU College of Social Sciences Federal Grant Writing Workshop

## **PROFESSIONAL ORGANIZATIONS**

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American Association of Geographers

Southeastern Division of the Association of American Geographers