

CURRICULUM VITAE
KEVIN M. ROBERTSON
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CONTACT INFORMATION

Tall Timbers Research Station and Land Conservancy
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Tallahassee, FL 32312
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EDUCATION

PhD in Plant Biology, 2001. University of Illinois at Urbana-Champaign. Dissertation: The influence of fluvial geomorphic processes on spatial patterns of forest primary succession.

MS in Plant Biology, 1996. University of Illinois at Urbana-Champaign. Thesis: Geomorphic processes and spatial patterns of primary succession on the Bogue Chitto River, USA.

BS in Botany, 1993. Louisiana State University.

TRAINING AND CERTIFICATION

National Wildfire Coordinating Group Training Courses:

- I-100 - Introduction to the Incident Command System
- S-130 - Basic Wildland Firefighter Training
- L-180 - Human Factors in the Wildland Fire Service
- S-190 - Introduction to Wildland Fire Behavior
- S-290 - Intermediate Wildland Fire Behavior
- S-300 - Prescribed Fire Burn Boss
- S-390 - Introduction to Wildland Fire Behavior Calculations
- S-490 - Advanced Wildland Fire Behavior Calculations
- RX-510 - Advanced Fire Effects

Florida Interagency Prescribed Fire Certification Course

Georgia Forestry Commission Prescribed Burn Certification Course

Mississippi Forestry Commission Prescribed Burn Certification Course

EXPERIENCE

Fire Ecology Research Scientist, Tall Timbers Research Station and Land Conservancy, Tallahassee, Florida, January 2003-present. Conduct research in the areas of fire ecology, plant ecology, fire science, and related fields. Obtain external funding. Publish results in peer-reviewed and other publications. Supervise technicians and interns on research projects. Provide extension and education to government agencies, land owners, managers, and visitors on topics relating to the use of fire, forestry, and game management. Maintain adjunct faculty appointments and mentor graduate students. Participate in long-term monitoring and land management decisions for Tall Timbers properties and easements. Provide assistance to the Tall

Timbers Land Conservancy. Curate the herbarium. Organize the Tall Timbers Fire Ecology Conferences. Research 60 %, Extension 30 %, Administration 10 %.

Land Conservation Specialist, Tall Timbers Research Station and Land Conservancy, Tallahassee, Florida, July 2001-December 2002. Surveyed private properties to document high-quality natural resources for preparation of conservation easements in the Red Hills Region of southern Georgia and northern Florida. Created natural resource maps using GPS and GIS. Participated in outreach and extension activities.

Land Steward, The Nature Conservancy, Covington, Louisiana, March 1999-September 2000. Worked as part of a prescribed burn crew in pine forest preserves. Designed and conducted pine forest ecology research and vegetation monitoring on land preserves.

Map Technician, University of Illinois, January-May 1997. Interpreted aerial photographs to create soil maps of New Mexico desert landscapes for a grant-funded project.

Teaching Assistant, "Field Ecology", University of Illinois, April 1996. Developed and led a 10-day field trip to Louisiana to teach the ecology, natural history, and geomorphology of southeastern coastal plain habitats.

Teaching Assistant, "Plant Ecology", University of Illinois, September-December 1996. Lectured, led discussions on scientific papers, facilitated cooperative learning activities, organized and taught overnight ecology trips and weekly field trips, advised and graded students on their independent field ecology research projects.

Teaching Assistant, "Plants, People, and the Environment", University of Illinois, January-May 1997 and August-December 1997. Lectured, led discussions, prepared and administered laboratory experiences, counseled students on group and individual projects, and led field trips.

Research Associate, University of Illinois, Urbana, Illinois, September-December 1996. Studied the role of crayfish in vertically translocating rock fragments from the glacial outwash into Midwestern loess soils for a grant-funded project.

Research Assistant, U. S. Army Corps of Engineers Construction Engineering Research Laboratory, Champaign, Illinois, August 1995-May 1996. GS-08. Composed documents and visited military installations to advise managers on identifying and preserving local species and habitats.

Research Associate, Louisiana State University, January 1994-August 1994. Interpreted aerial photographs and satellite images to map vegetation maps for research. Led field crew to map trees for a long term study of population dynamics of slash pine in Everglades National Park. Research Associate, Louisiana State University, March-May 1992. Mapped tree canopy patterns in a Mississippi River floodplain forest to document changes following a hurricane and to relate species distributions with geomorphic features.

Research Assistant, Louisiana State University, September 1990-August 1991. Investigated the life histories and interactions of dung beetles, mites attached to them, and fungal parasites on mites.

Research Associate, Everglades National Park, Florida and Louisiana State University, May-July 1990, May-July 1991, June 1992, June 1993, July 1997. GS-04. Field study in the Florida Everglades to track the reproductive response of epiphytic Bromeliads during seven years following a large fire and hurricane. Conducted field work for initial two years of a twenty-year study on the effects of different fire regimes on succession between pinelands and grasslands.

PUBLICATIONS

Peer-reviewed

- Shearman, T.M., J.M. Varner, K. Robertson, and J.K. Hiers. 2018. Allometry of *Aristida beyrichiana* and *A. stricta* in fire-maintained longleaf pine-wiregrass ecosystems. *American Journal of Botany*, in press.
- Tang, C.Q., T. Matsui, H. Ohashi, Y.F. Dong, A. Momohara, S. Herrando-Moraira, S.H. Qian, Y.C. Yang, M. Ohsawa, H.T. Luu, P.J. Grote, P.V. Krestov, B. LePage, M. Werger, K. Robertson, C. Hobohm, C.Y. Wang, M.C. Peng, X. Chen, H.C. Wang, W.H. Su, R. Zhou, S.F. Li, L.Y. He, K. Yan, M.Y. Zhu, J. Hu, R.H. Yang, W.J. Li, M. Tomita, Z.L. Wu1, H.Z. Yan, G.F. Zhang, H. He, S.R. Yi, H.D. Gong, K. Song, D. Song, X.S. Li, Z.Y. Zhang, P.B. Han, L.Q. Shen, D.S. Huang, K. Luo, J. López-Pujo. 2018. Identifying long-term stable refugia for relict plant species in East Asia. *Nature Communications* 9:1-14. DOI:10.1038/s41467-018-06837-3
- Hsieh, Y. P., G. C. Bugna and K. M. Robertson 2018. Thermochemical properties of PM_{2.5} as indicator of combustion phase of fires. *Atmosphere* 9:230-244.
- Rother, M. T., J. M. Huffman, G. L. Harley, W. J. Platt, N. Jones, K. M. Robertson and S. L. Orzell 2018. Cambial phenology informs tree-ring analysis of fire seasonality in Coastal Plain pine savannas. *Fire Ecology* 14:164-185.
- Nowell, H.K., C.D. Holmes, K. Robertson, C. Teske, and J.K. Hiers. 2018. A new picture of fire extent, variability, and drought interaction in prescribed fire landscapes: Insights from Florida government records. *Geophysical Research Letters* 45:7874-7884.
- Godwin, D.R., L.N. Kobziar, and K.M. Robertson 2017 Effects of fire frequency and soil temperature on soil CO₂ efflux rates in old-field pine-grassland forests. *Forests* 8 DOI:10.3390/f8080274
- Hsieh, Y.P., G.C. Bugna and K.M. Robertson. 2016. Examination of two assumptions commonly used to determine PM_{2.5} emission factors for wildland fires. *Atmospheric Environment* 147:274-283.
- Hu, X.F., C. Yu, D. Tian, M. Ruminski, K. Robertson, L.A. Waller, and Y. Liu. 2016. Comparison of the hazard mapping system (HMS) fire product to ground-based fire records in Georgia, USA. *Journal of Geophysical Research - Atmospheres* 121:2901-2910.
- Tang, C.Q., Y. Yang, M. Ohsawa, A. Momohara, S.-R. Yi, K. Robertson, K. Song, S.Q. Zhang, and L.Y. He. 2015. Community structure and survival of Tertiary relict *Thuja sutchuenensis*

- (Cupressaceae) in the subtropical Daba Mountains, southwestern China. PLoS ONE 10(4) DOI:10.1371/journal.pone.0125307 19pp.
- Stewart, J.F., R.E. Will, K.M. Robertson, and C.D. Nelson. 2015. Frequent fire protects shortleaf pine (*Pinus echinata*) from introgression by loblolly pine (*Pinus taeda*). Conservation Genetics 16:491-495.
- Bried, J., N.J. Gifford, and K.M. Robertson. 2015. Predicted crown fire risk adds incentive to restore open-canopy pine barrens at the wildland-urban interface. 2014. Journal of Sustainable Forestry 34:147-167.
- Robertson, K.M., H.M. Poulos, A. Camp, and M. Tyrell. 2015. Introduction: Fire ecology of the Northeast – Restoring native and cultural ecosystems. Journal of Sustainable Forestry 34:1-5.
- Hmielowski, T.L., K.M. Robertson, and W.J. Platt. 2014. Influence of season and method of topkill on resprouting characteristics and biomass of *Quercus nigra* saplings from a southeastern U.S. pine-grassland ecosystem. Plant Ecology 215:1221-1231.
- Robertson, K.M., Y.P. Hsieh, and G.C. Bugna. 2014. Fire environment effects on particulate matter emission factors in southeastern U.S. pine-grasslands. Atmospheric Environment 99:104-111.
- Robertson, K.M. 2014. Book review of Forgotten Grasslands of the South – Natural History and Conservation. Ecological Restoration, 32:213.
- Robertson, K.M. and T.L. Hmielowski. 2013. Effects of frequency and season of resprouting of woody plants in south-eastern US pine-grassland communities. Oecologia 174:765-776.
- Tang, C.Q., Y.C. Yang, M. Ohsawa, A. Momohara, J. Mu, and K.M. Robertson. 2013. Survival of a Tertiary relict species: the Chinese tulip tree in southern China, with special reference to village Fengshui forests. American Journal of Botany 100:2112-2119.
- Reid, A.M., K.M. Robertson, and T.L. Hmielowski. 2012. Predicting litter and live herb fuel consumption during prescribed fires in native and old-field upland pine communities of the southeastern United States. Canadian Journal of Forest Research 42:1611-1622.
- Reid, A.M. and K.M. Robertson. 2012. Energy content of common fuels in upland pine savannas of the southeastern U.S. and their application to fire behavior modeling. International Journal of Wildland Fire 21:591-595.
- Glitzenstein, J.S., D.R. Streg, R.E. Masters, K.M. Robertson, and S.M. Hermann. 2012. Fire-frequency effects on vegetation in north Florida pinelands: Another look at the long-term Stoddard Fire Research Plots at Tall Timbers Research Station. Forest Ecology and Management 264:197-209.
- Picotte, J.J. and K.M. Robertson. 2011. Timing constraints on remote sensing of wildland fire burned area in the southeastern U.S. Remote Sensing 3:1680-1690, doi:10.3390/rs3081680.
- French, N.H.F., W. de Groot, L.K. Jenkins, E. Alvarado, B. Amiro, B. de Jong, S. Goetz, E. Hoy, E. Hyer, E.S. Kasischke, R. Keane, B.E. Law, D. McKenzie, S.G. McNulty, R. Ottmar, D.P. Salicrup, J. Randerson, K.M. Robertson, B.M. Rogers, M. Turetsky, and G. van der Werf. 2011. Estimating wildland fire emissions for carbon cycle science. Journal of Geophysical Research 116, G00K05, doi:10.1029/2010JG001469.
- Picotte, J.J. and K.M. Robertson. 2011. Validation of remote sensing of burn severity in southeastern U.S. ecosystems. International Journal of Wildland Fire 20:453-464.
- Hsieh, Y.P., G. Bugna, and K.M. Robertson. 2010. Chemical signature of biomass burning emitted PM_{2.5} and the detection of its presence in the air by a rapid method. Tall Timbers Fire Ecology Conference Proceedings 24:73-78.

- Picotte, J.J. and K.M. Robertson. 2010. Remote sensing of wildland fire burned area in southeastern U.S. Coastal Plain habitats. Tall Timbers Fire Ecology Conference Proceedings 24:86-93.
- Robertson, K.M., K.E.M. Galley, and R.E. Masters (eds). 2010. Proceedings of the 24th Tall Timbers Fire Ecology Conference: The future of prescribed fire: public awareness, health, and safety. Tall Timbers Research Station, Tallahassee, Florida, USA. 185 p.
- Royer, D.L., L.A. Meyerson, K.M. Robertson, and J.M. Adams. 2009. Phenotypic plasticity of leaf shape morphology along a temperature gradient in *Acer rubrum*. PLoS ONE 4(10): e7653. doi:10.1371/journal.pone.0007653.
- Carr, S.M., K.M. Robertson, and R.K. Peet. 2009. A vegetation classification of fire-dependent pinelands of Florida. *Castanea* 75:153-189.
- Carr, S.M., K.M. Robertson, W.J. Platt, and W. Peet. 2009. A model of geographic, environmental, and regional variation in vegetation composition of pyrogenic pinelands of Florida. *Journal of Biogeography* 36:1600-1612.
- Robertson, K.M. and T.E. Ostertag. 2009. Biomass equations for hardwood resprouts in fire-maintained pinelands in the southeastern U.S. *Southern Journal of Applied Forestry*, 33:121-128.
- Ostertag, T.E. and K.M. Robertson. 2007. A comparison of native versus old-field vegetation in upland pinelands managed with frequent fire, south Georgia, USA. Tall Timbers Fire Ecology Conference Proceedings 23:109-120.
- Robertson, K.M. and T.E. Ostertag. 2007. Effects of land use on fuel characteristics and fire behavior in pinelands of southwest Georgia. Tall Timbers Fire Ecology Conference Proceedings 23:181-191.
- Robertson, K.M. 2006. Distributions of tree species along point bars of ten rivers in the southeastern U.S. coastal plain. *Journal of Biogeography* 33:121-132.
- Borchert, R., K. Robertson, M. D. Schwartz, and G. Williams-Linera. 2005. Phenology of temperate trees in tropical climates. *International Journal of Biometeorology* 50:57-65.
- Robertson, K.M. and D.L. Johnson. 2004. Vertical redistribution of pebbles in Mollisol catenas of central Illinois, U.S.A. *Soil Science* 169:776-786.
- Robertson, K.M. and T.E. Ostertag. 2004. Problems with Shurbon and Fauth's test of effects of prescribed burning on amphibian diversity. *Conservation Biology* 18:1154-1155.
- Robertson, K.M. and W.J. Platt. 2001. Effects of multiple disturbances (fire, hurricane) on epiphyte-substrate associations in subtropical forests, Everglades National Park, Florida, USA. *Biotropica* 33:573-582.
- Robertson, K.M. and C.K. Augspurger. 1999. Geomorphic processes and pathways of primary succession on the Bogue Chitto River, U.S.A. *Journal of Ecology* 87:1057-1063.
- Robertson, K.M. and W.J. Platt. 1991. Effects of fire on Bromeliads in tropical hammocks of Everglades National Park, Florida. *Selbyana* 13:39-49.

Extension Publications

- Dixon, A.K. and K.M. Robertson. 2018. Fire's influence on soil carbon. Southern Fire Exchange Fact Sheet, 6 pg.
- Dixon, A.K. and K.M. Robertson. 2018. Re-introducing fire into long-unburned pine stands - the duff problem. Southern Fire Exchange Fact Sheet, 5 pg.

- Dixon, A.K. and K.M. Robertson. 2018. Summary of smoke related Joint Fire Science Program grants relevant to the southeastern U.S. Southern Fire Exchange Fact Sheet, 5 pg.
- Dixon, A.K. and K.M. Robertson. 2018. Wildland fire smoke effects on public health - what does research say? Southern Fire Exchange Fact Sheet, 7 pg.
- Robertson, K.M. 2017 The Road to Eden - Jordan Fisher Smith and *Engineering Eden*. Tall Timbers E-Journal, Winter 2018.
- Robertson, K.M. 2017. Where the fire stops - The beech-magnolia forest primeval. Tall Timbers E-Journal, Winter 2017.
- Robertson, K.M. 2015. Old growth . . . grasslands? Tall Timbers E-Journal, Fall 2015.
- Robertson, K.M. 2015. Flickering flames - The tortuous tale of prescribed fire in the South. Tall Timbers E-Journal, Spring 2015
- Robertson, K.M. 2014. Hardwood resprouting after prescribed burning – more than meets the eye. Tall Timbers E-Journal, Fall 2014.
- Gray, R., L. Kobziar, K. Riley, K. Ryan, D. Godwin, K. Robertson, T. Ingalsbee, Z. Prusak, and M. Huffman. 2013. The merits of prescribed fire outweigh potential carbon emission effects. Association for Fire Ecology, International Association of Wildland Fire, Tall Timbers Research Station, and the Nature Conservancy. 7 pp.
- McGorty, K. and K.M. Robertson. 2014. Tall Timber shares more information about regional fire history – letter to the editor in response to Ed Komarek, Jr. Cairo Messenger.
- Hsieh, Y.P., K.M. Robertson, and G. Bugna. 2012. Quantifying particulate matter emission factors. *International Innovation*, April 2012, pp. 75-77.
- Robertson, K.M. 2012. Wildland Fire PM Emission Factor Workshop Summary. 29 pp. Tall Timbers Research Station and Land Conservancy, Tallahassee, Florida.
- Alvarado, E., B. Amiro, B. de Jong, S. Goetz, E. Hoy, E. Hyer, E. Kasischke, R. E. Keane, B. Law, S. Liu, T. Loboda, S. McNulty, D. Perez-Salicrup, J. Randerson, K. Robertson, B. Rogers, M. Rollins, M. Turetsky, and G. van der Werf. 2010. A Synthesis on the impacts of disturbance on the North American carbon budget. North American Carbon Program Working Group 2a - Estimation of pyrogenic emissions.
- Masters, R.E. and K.M. Robertson. 2007. Tall Timbers Stoddard Plots (fact sheet).
- Robertson, K.M. 2007. The fire forest: Prescribed fire is a management tool in southern pine forests. *Tree Farmer Magazine*. March/April, pp. 6-10.
- Masters, R.E., K.M. Robertson, W.E. Palmer, J. Cox, K. McGorty, L. Green, and C. Ambrose. 2007. Red Hills Forest Stewardship Guide, Second Edition. Tall Timbers Research, Inc., Tallahassee, FL.
- Robertson, K.M. 2006. Letter to Editor: Lightsey was wrong about controlled burns. *Tallahassee Democrat*, September 21, 2006.
- Robertson, K.M. 2006. Prescribed Fire in America. Foreword to Joao Tome PhD Dissertation.
- Robertson, K.M. 2005. The benefits of prescribed fire. *Alternate Current: Journal of the Miccosukee Land Co-op* 31(13):2-3.
- Robertson, K.M. 2004. Fire Ecology Lab at Tall Timbers Research Station. *Covey Rise* 1:(11)14.
- Robertson, K.M. 2004. Fire in America - the short version of a long story. *Panorama* Winter 2004, pg. 10.
- Palmer, W.E., K.M. Robertson, and R.E. Masters. 2004. The culture of fire in the southeast. Pages 354-368 in: Rahn, J. (ed.). *Transactions of the Sixty-ninth North American Wildlife*

and Natural Resources Conference, March 16-20, 2004, Spokane, WA. Wildlife Management Institute, USA. Pp. 826.

Robertson, K.M. and T.E. Ostertag. 2003. Fuel characteristics and fire behavior predictions in native and old-field pinelands in the Red Hills Region, southwest Georgia. *Proceedings of the 2nd International Wildland Fire and Fire Management Congress*, Orlando, FL. <http://ams.confex.com/ams/pdfpapers/67162.pdf> (accessed May 29, 2012).

Robertson, K.M. Articles in Tall Timbers Annual Reports: see <http://talltimbers.org/publications/>
Robertson, K.M. Articles in Tall Timbers E-News: see <http://talltimbers.org/past-e-news-issues>

GRANTS RECEIVED

\$109,011 Joint Fire Sciences Program, 2015, Co-PI. The Southern Fire Exchange: Putting fire science on the ground. Subaward to Tall Timbers Research Station. Total grant = \$501,926.

\$131,464 USDA Agriculture and Food Research Initiative, 2017, PI. Provision of ecosystem services through pine savanna restoration on privately owned agroecosystems in the southeastern U.S. Coastal Plain.

\$30,523 NASA, 2017, Co-PI. Flight planning services for FIREChem: Meteorological and smoke forecasts, bias-corrected satellite fire observations, and scheduled prescribed fires. Total grant = \$243,250.

\$55,000 Florida Fish and Wildlife Conservation Commission, 2017, Co-PI. Developing a spatial database of prescribed fire in Florida - Technical Support.

\$39,279 NASA, 2017, Co-PI. Air quality and climate impacts of biomass burning in the Southeast United States: atmospheric chemistry modeling with an improved satellite-derived emission inventory. Subaward to Tall Timbers Research Station. Total grant = \$363,362.

\$277,890 Joint Fire Sciences Program, 2015, Co-PI. The Southern Fire Exchange: Putting fire science on the ground. Subaward to Tall Timbers Research Station. Total grant = \$812,312.

\$57,248 Paul Tudor Jones, 2014, donation and contract for restoration of 285 acres of hardwood forest.

\$177,560 Joint Fire Sciences Program, 2014, Co-PI. The Southern Fire Exchange: Putting fire science on the ground. Subaward to Tall Timbers Research Station. Total grant = \$481,485.

\$15,000 Grant from Paul Tudor Jones, 2014. General program support.

\$1,000 Grant from Cynthia & George Mitchell Foundation, 2013. General program support.

\$97,470 Joint Fire Sciences Program, 2013, Co-PI. The Southern Fire Exchange: Putting fire science on the ground. Subaward to Tall Timbers Research Station. Total grant = \$282,162.

\$12,000 Grant from Gene Phipps, 2011. Graduate student support.

\$96,867 National Science Foundation, 2010, PI. Collaborative Research: Imaging the Tall Timbers Research Station's Biological Research Collections.

\$243,000 Joint Fire Sciences Program, 2010, Co-PI. The Southern Fire Exchange: Putting fire science on the ground. Subaward to Tall Timbers Research Station. Total grant = \$761,076.

\$64,627 National Science Foundation, 2010, Co-PI. Quantifying PM_{2.5} Emission Factors from Prescribed Burning with Application to Mitigating the Impact on Air Quality. Subaward to Tall Timbers Research Station. Total grant = \$399,397.

\$129,690 National Parks Service Cooperative Agreement for remote sensing of burn severity support to federal agencies, 2009, PI.

\$24,300 USDA National Research Initiative, 2007, Co-PI. Characterization of Organic Matter in Forest Fire PM_{2.5} for Emission Factors Assessment and Source Tracing. Subaward to Tall Timbers Research Station. Total grant = \$275,900

\$24,300 USDA National Research Initiative, 2007, Co-PI. Characterization of Organic Matter in Forest Fire PM_{2.5} for Emission Factors Assessment and Source Tracing. Subaward to Tall Timbers Research Station. Total grant = \$275,900

\$25,000 Grant from Gene Phipps, 2008, PI. Response of hardwood resprouts to varying fire regime and fire season.

\$3,355 Florida Fish and Wildlife Conservation Commission State Wildlife Grant, 2008. Co-PI. Creation of the North Florida Sandhill Working Group.

\$210,000 Joint Fire Sciences Program, 2006, PI. Validation of National Burn Severity Mapping Project techniques in selected southeastern US ecosystems.

\$17,775 Florida Fish and Wildlife Conservation Commission State Wildlife Grant, PI. Effects of Fire Regime on Upland Pine Forests Wildlife Habitat.

\$40,000 Florida Fish and Wildlife Conservation Commission Land Incentive Program, 2006, Co-PI. Red-Cockaded Woodpecker Habitat Restoration.

\$2,000 Grant from Vaughn Williams, 2005, PI. Effects of fire regime on upland longleaf pine vegetation.

\$42,000 Florida Fish and Wildlife Conservation Commission State Wildlife Grant, 2005, Co-PI. Monitoring prescribed burning on public lands in Florida.

\$4,000 Grant from Gene Phipps, 2003, PI. Fuel measurement and fire behavior validation in upland pine forests in southern Georgia.

\$5,000 Grant from R. Panuska, 2003, PI. Fuel measurement and fire behavior validation in upland pine forests in southern Georgia.

\$10,000 Joint Fire Sciences Program, 2000, Co-PI. 25th Fire Ecology Conference.

PROFESSIONAL AFFILIATIONS

Ecological Society of America
Association for Fire Ecology
The Longleaf Alliance
Natural Areas Association
North Florida Prescribed Fire Council - Steering Committee Member
Florida Native Plants Society, Magnolia Chapter

PROFESSIONAL ACTIVITIES

Conference, Symposia, and Workshop organization.

Fire Ecology of the Northeast – Restoring Native and Cultural Ecosystems, organizer, 2014
Wildland Fire Particulate Matter Emission Factor Workshop, organizer and moderator, 2012
Fire Science Delivery Focus Groups, grant Co-PI and organizer, 2009
24th Tall Timbers Fire Ecology Conference Steering Committee, Conference Chair 2009
Florida and Georgia Fire Summit Steering Committee, 2008

Association of Fire Ecology 3rd International Fire Congress Program and Special Sessions
Committee, moderator, 2006
Florida Burn Monitoring Workshops, grant Co-PI and organizer, 2005
23rd Tall Timbers Fire Ecology Conference Steering Committee 2004
University of Florida IFAS Longleaf Pine Groundcover Restoration Symposium Steering
Committee, 2004
Longleaf Alliance Conference Steering Committee, 2004

Teaching Professionals

National Resource Conservation Service Prescribed Fire Training Course, Tall Timbers Research
Station and Land Conservancy Tallahassee, Florida:
Fire effects on soils - 2008-2015
Fire Effects on Vegetation – 2008-2016
Fuels and Fire Behavior – 2012-2014
Post Burn Evaluation – 2013-2015
National Wildfire Coordinating Group:
Rx310 – Fire Effects on Soil, 2010 (Jacksonville, FL)
Rx310 – Barriers to Prescribed Fire in Southeastern Ecosystems, 2008 (Tallahassee, FL)
Rx310 – Factors Influencing Fuel Consumption and Heat Regime, 2008 (Tallahassee, FL)
Rx510 – First and Second Order Fire Effects, 2006 (Tucson, AZ)
National Inter-agency Prescribed Fire Training Center:
Field lectures on Tall Timbers Stoddard Fire Ecology Plots, Tall Timbers Unburned since
1966 Plot, and isolated wetlands on Tall Timbers Research Station - one or two lectures per
year, 2003-present.

Community Service Activities

Southern Fire Exchange Consortium Co-PI, Administrative Team Member, and Co-founder
2009-present
Apalachicola Region Stewardship Alliance Steering Committee, 2015-present
North Florida Prescribed Fire Council Steering Committee Alternate, 2018-present
Christian Ecologists Mixer, Ecological Society of America Annual Meeting, founder and
facilitator, 2003-present
Florida Sandhills Working Group, 2008-present
Southeast Fire Ecology Partnership Member, 2004-2014
North American Carbon Program, Carbon Cycle Working Group, 2009
Leon County Board of Commissioners Science Advisory Council 2003-2008, Vice-chair 2007-
2008
Georgia Prescribed Fire Council Steering Committee, 2004-2011
Kate Ireland Parkway Fire Management Committee Coordinator, 2004-2008
Pebble Hill Bird Festival prescribed fire demonstrations and field tours, 2003, 2004, 2005, 2006,
2007, 2008
Florida Governor's Climate Change Action Team, Technical Working Group on Agriculture,
Forestry, and Waste Management, 2008

Georgia Cogon Grass Action Committee, 2006
FRAMES Southern Fire Portal Advisory Committee, 2006
Florida Division of Forestry Workshop Participant, "Florida's Forests - Setting the Course for 2030", 2005
LANDFIRE Fire Regime Condition Class Workshop Participant, 2004-2005
Leon County Board of Commissioners committee to determine natural community criteria for county conservation easements, 2003

Tall Timbers Service Activities

Herbarium Curator
Tall Timbers Open House prescribed fire demonstrations, annually 2005-present
Fall Field Day assistance, annually 2003-present
Stewardship Field Day planning, field presentation, 2004
Strategic Planning Committee, 2005, 2009, 2015
Land Management Planning Team, 2003-present
Computer/GIS Advisory Committee, 2004-present
Tall Timbers Public Awareness Campaign Committee, 2005, 2009
Wade Tract old-growth longleaf pine forest easement burn boss, 2009-present
Red Hills Horse Trials Fund Raiser assistance, annually 2003-2007
Plantation Wildlife Arts Festival Fund Raiser assistance, annually 2003-2006
Leadership Tallahassee - prescribed burn demonstrations, annually 2004-2008
Youth Leadership Tallahassee - prescribed burn demonstration, 2008
Leadership Thomasville - prescribed burn demonstrations, annually 2004-2008
Land Incentive Program Committee for habitat restoration on Tall Timbers, 2005-present
Tall Timbers Oral History Project assistance, 2004, 2005
Search Committees for 5 positions, 2003-2009
External Review Preparation Committee, 2009

Review and Editing

Scientific journal peer-reviews:

American Midland Naturalist - 2003 (2)
Atmosphere - 2018
Atmospheric Environment - 2014
Canadian Journal of Forest Research - 2018
Ecological Applications - 2006
Ecology - 2004
Fire Ecology - 2005, 2006, 2018 (3)
Forests - 2016
Forest Ecology and Management - 2009, 2012, 2013, 2018 (2)
International Journal of Wildland Fire - 2011, 2012, 2015
Journal of Biogeography - 2005 (2), 2006
Journal of Forest Research - 2006
Journal of the Torreya Botanical Society - 2003

Journal of Wildlife Management - 2012, 2015
Landscape and Urban Planning - 2008
Natural Areas Journal - 2007
Plant Ecology - 2005, 2015
PlosOne - 2016
Proceedings of the 3rd Fire in Eastern Oak Forest Conference – 2005
Remote Sensing - 2014, 2015
Restoration Ecology - 2005
Southern Journal of Applied Forestry – 2008, 2010, 2011
Tall Timbers Fire Ecology Conference Proceedings - 2004 (2)
Wetlands - 2011

Grant Review Committees:

Strategic Environmental Research and Development Program, 2012, 2017
National Council for the Science of Sustainable Forestry, 2004
Joint Fire Sciences Program Graduate Research Innovation Award, 2011

Conference Editing:

Editor-in-Chief, special issue of the *Journal of Sustainable Forestry*, "Fire ecology of the Northeast – restoring native and cultural ecosystems", 2014
Abstracts and summary of Wildland Fire PM Emission Factor Workshop, 2012
Editor of 24th Tall Timbers Fire Ecology Conference Proceedings, 2009
Abstracts for 24th Tall Timbers Fire Ecology Conference, 2009
Abstracts for 3rd International Fire Congress, 2005
Abstracts for Tri-state Longleaf Pine Groundcover Restoration, 2004
Abstracts for 23rd Tall Timbers Fire Ecology Conferences, 2004

Other Reviews and Editing:

Stephen Pyne book proposal, 2014
Book chapter in *Southeastern Grasslands: Natural History, Conservation and Management*, 2012
Ph.D. dissertation external review for University of Kwazulu-Natal, South Africa, 2012
Book chapters in *The History of Tall Timbers*, 2008-2009
Fire Ecology Encyclopedia Network webpage, 2004
Book chapter in *Longleaf Pine Ecosystems: Ecology, Silviculture, and Restoration*, 2003
Red Hills Forest Stewardship Guide, 2003.
NRCS Guidelines for Firebreaks, 2003
Friendly reviews of manuscripts, grant proposals, and dissertations - 27 total, 2003-present

Media Outreach

Southern Fire Exchange webinar series. Particulate matter emission factors in southeastern U.S. pine-grasslands, April 7, 2016
Forgotten Grasslands of the South book. Interview by author Reed Noss about fire ecology of Florida and Georgia plant communities, April 23, 2015.

Florida Corridors Expedition Project by Carlton Ward and Joe Guthrie. Interviewed in the field regarding role of prescribed fire in Florida natural communities, January 16, 2014.

Boston College Magazine. Interviewed regarding prescribed fire in the longleaf pine region, November 6, 2014.

WFSU public radio. Interviewed regarding prescribed burning and use of native plants, January 23, 2013.

On Earth magazine. Interviewed for article "As the east sweats, a growing fire threat." July 18, 2012.

WCTV, Tallahassee, Florida, *In the Spotlight*. Interviewed regarding Florida Prescribed Fire Awareness Week, March 6, 2010 and January 19, 2011.

High school biology textbook. Interviewed in the field while prescribed burning for supplemental video material. August 4, 2011.

Thomasville Today cable TV show. Interviewed about need for prescribed fire, March 27, 2008.

Carbon Sequestration in Southern Forests video series, University Florida IFAS. Presentation regarding effects of fire regime on southern pine forest soils, April 10, 2009.

A Forest in Balance documentary. Interviewed about the need for and how to conduct prescribed fires, August 27, 2009.

One Message, Many Voices Public Service Announcement. Interviewed about value of prescribed burning, August 27, 2009.

Thomasville Times-Enterprise newspaper. Interviewed regarding the need for prescribed fire, January 17, 2008. *Progressive Farmer Magazine*. Interviewed about prescribed burning on private lands, May 10, 2007.

Greenwire National News. Interviewed about Florida wildfires, May 15, 2007

Tallahassee Democrat newspaper, Tallahassee, Florida. Interviewed about prescribed burning in Florida, May 18, 2007.

National Public Radio, Talk of the Nation Science Friday. Interviewed about wildfires in California and Florida, May 19, 2007.

Red Hills Region documentary. Interviewed regarding prescribed fire in southern forests, May 31, 2007.

WCTV, Tallahassee, Florida. Interview at Kate Ireland Parkway Restoration regarding fire effects, March 21, 2006.

Daytona Beach News Journal newspaper, Florida. Interviewed about need for prescribed burning, April 19, 2006.

Naples Daily News, Florida. Interviewed regarding prescribed burning, May 10, 2006.

Southern Forests Network News and Notes. Interviewed for article about effects of prescribed burning on soils.

Capital Ideas Live! podcast for Alabama Forest Owners Association. Interviewed about effects of burning on soil health, July 1, 2006.

Timber Talk radio show, Alabama. Interviewed regarding fire regimes and soil quality. August 22, 2006.

Fox & Friends national TV cable network. Interviewed regarding Esperanze Fire in Riverside County, California, October 28, 2006.

Joint Fire Science Program Report, Moscow, Idaho. Interviewed regarding JFSP-funded burn severity mapping research in Apalachicola National Forest, November 27, 2006.

Queensland Times, Australia. Interviewed regarding bushfires in Queensland, October 18, 2004.

Tallahassee Democrat newspaper, Florida. Interviewed regarding Prescribed Fire Awareness Week, March 7, 2005.

Washington Post, Washington DC. Interviewed regarding the need for prescribed burning in the South, July 7, 2005.

Georgia Outdoors cable TV series. Interviewed regarding prescribed burning in Southern pinelands, October 25, 2005.

U. Florida IFAS Florida Master Naturalist Certification Course. Interviewed for cable channel broadcast regarding pine communities of Florida, May 5, 2004.

Augusta Chronicle, South Carolina. Interviewed regarding fire plans in the Sumter National Forest, June 8, 2004.

UNIVERSITY ACTIVITIES

Teaching

Guest Lecturer, Florida State University:

Field Botany (BOT 3143) annually 2006-present

Guest Lecturer, Yale University: Fire Science and Policy (F&ES 650b), 2013, 2014

Careers in the Biological Sciences (BSC 3938), 2005, 2008, 2009, 2010, 2011, 2012, 2013, 2014

Environmental Planning and Urban Development (URP 5421) annually 2003-2009

Guest Lecturer, Florida A&M University: Environmental Studies (ES 3245), annually 2003-present

Adjunct Faculty Appointments

Florida State University, Department of Biological Sciences

University of Florida, Department of Wildlife Ecology and Conservation

University of Florida, School of Forest Resources and Conservation

Louisiana State University, Department of Biological Sciences, 2007-present

Graduate Students

Main Advisor:

Susan Carr, PhD in 2008, University of Florida, Department of Wildlife Ecology and Conservation. Floristic and environmental variation in pyrogenic pinelands of the southeastern Coastal Plain.

Tracy Hmielowski, PhD in 2013, Louisiana State University, Department of Biological Sciences. Resprouting response of southeastern U.S. pine forest hardwood species to fire, mechanical treatment, and season of disturbance.

Maria Paula Mugnani, MS in 2018, University of Florida, Department of Wildlife Ecology and Conservation. Changes in physical conditions and plant species composition associated with cyclical patch dynamics of *Pinus palustris* in old-growth longleaf pine-grassland.

Committee Member:

- Darin Elair, PhD candidate, Louisiana State University, Department of Biological Sciences.
Effects of fire regime and competition on pineland hardwood dynamics.
- Rebecca Carmichael, PhD, 2009. Louisiana State University, Department of Biological Sciences.
Effects of fire on an invasive fern in southern longleaf pine forests.
- Mindy McCallum, MS in 2010, Louisiana State University, Department of Biological Sciences.
Effects of weather, fuels, and management on fire severity in a southeastern pine savanna.
- David Godwin, PhD in 2015, University of Florida, School of Forest Resources and
Conservation. Soil respiration in response to fire regime in a southeastern U.S. pine forest.
- Molly Wiebush, MS candidate, Florida State University, Department of Biological Sciences.
What good are unburned “islands”? The effects of heterogeneity in burns on floral
community structure in an old growth longleaf forest.
- Natali Ramirez-Boulon, MS candidate, Florida State University, Department of Biological
Sciences. How do rare species persist in the diverse understory of longleaf pine-grasslands?
- Jacob Hopkins, University of Kansas, Department of Ecology and Evolutionary Biology. Impact
of fire regime on soil fungi community structure and function in a fire frequented ecosystem
(Longleaf Pine Savanna).

Other Student Mentorship

Interns

- 2018 - Audrey Browning, Allison Snyder, Lindsey Stawowy, Brianne Ward, Anthony
Laucivicius, Dylan Lockhard, Gianna Tarquinio,
- 2017 - Elizabeth Fuhrman, Rebekah Wagner
- 2016 - Andrew Cunningham, Amberlin Hines, Brandon Call
- 2015 - Katie McCoy, Ruth Stetler, Jason Kang
- 2014 - Michael Porter, Michelle Smith, Michael Todd, Patrick Kimball, Jamie Peeler
- 2013 - Kyle Moon, Nicole Lang, Jessie Chi, James Patterson
- 2012 - Devin Joseph, Marissa Cunningham, Rachel Burnette, Jacob Dullworth, Michael Sickler
- 2011 - Bailey Spitzner, Alex Chapman, Andrew Martin, Kellen Callahan, Kyle Sumner
- 2010 - Bailey Spitzner, Meredith Leidy
- 2009 - George Bruner, Charles Bruner, Lauren Gershon, Diana Zheng
- 2008 - Caly Murphy, Daniel Godwin, Jessica Bowen, John Allen, Brandon Basino, Rachel
Espinosa, Vivian Bernadine, Rebecca Justiniano
- 2007 - Carrie Westcott, Henry Mimms, Elyse Barksdale, Ellery Sedgwick, Robert Moore
- 2006 - David Zhou, Brian Poirrier, Heather Young, Ann George, Alana Gaskill, Joao Tome
- 2005 - James Albright, Lilly Stinson, Joelle Robertson, Collin Fridley, Erica Rau
- 2004 - Andrew Rush, Jonathan Pywell, Daryl Marois
- 2003 - Anna Deyle

PROFESSIONAL PRESENTATIONS

Invited

- Robertson, K.M. and C. Morrison. 2018. Provision of Ecosystem Services through Pine Savanna Restoration on Privately Owned Agroecosystems in the Southeastern U.S. Coastal Plain. USDA National Institute of Food and Agriculture Project Director's Meeting, Washington, DC, December 7, 2018.
- Robertson, K.M. 2018. Disturbance and succession in southeastern pine savannas: Applying old concepts to new paradigms. Florida State University, Ecology and Evolution Lecture Series, October 5, 2018.
- Robertson, K.M. 2016. Soil disturbance in the longleaf pine ecosystem - conservation concerns in an old-growth grassland. Jones Ecological Research Center Seminar, April 28, 2016, Ichauway, Georgia.
- Robertson, K.M., Y.P. Hsieh, and G.C. Bugna. 2016. Particulate matter emission factors in southeastern U.S. pine-grasslands. Webinar presented to the National Wildfire Coordinating Group SMOG Committee, April 7, 2016.
- Robertson, K.M. 2015. Seasonal effects of prescribed burning. North Florida Prescribed Fire Council Meeting, October 21, 2015, Tallahassee, Florida.
- Robertson, K.M. 2014. Introduction. Fire Ecology of the Northeast – Restoring native and cultural ecosystems, Yale University, New Haven, Connecticut, February 20, 2014.
- Robertson, K.M. 2014. Effects of fire frequency and season on hardwood resprouting in southern pine communities. North Florida Prescribed Fire Council Meeting, October 2, 2013.
- Robertson, K.M. 2013. Tall Timbers Research Station and Land Conservancy – Conserving forest natural resources through fire and timber management. Yale Forestry Forum, Yale University, New Haven, Connecticut, April 11, 2013.
- Robertson, K.M. 2012. Predictors of PM_{2.5} emissions in southern U.S. pine-grasslands. North Florida Prescribed Fire Council Meeting, October 22, 2012.
- Hsieh, Y.P., K.M. Robertson, and G.C. Bugna. 2012. Some critical elements affecting the accuracy of PM emission factor determination in forest fires. Wildland Fire PM Emission Factor Workshop, Atlanta, Georgia, February 7, 2012.
- Robertson, K.M., G.M. Bugna, and Y.P. Hsieh. 2012. Fire environment effects on PM_{2.5} emission factors and validation of previous estimates in a southern U.S. pine grassland. Wildland Fire PM Emission Factor Workshop, Atlanta, Georgia, February 7, 2012.
- Robertson, K.M. 2011. What post-burn evaluations tell us about fire effects & management in upland pines. Sandhills Working Group Annual Meeting, Tallahassee, FL, September 7, 2011.
- Fire Ecology Program at Tall Timbers Research Station and Land Conservancy. Florida A&M University Center for Water and Air Quality Seminar, Tallahassee, FL, September 24, 2010.
- Robertson, K.M. 2009. Prescribed fire frequency versus season of burn. North Florida Prescribed Fire Council Meeting, Tallahassee, Florida, October 21, 2009.
- Robertson, K.M. 2009. Fire regime effects on carbon sequestration in a southern pine forest. University of Florida School of Forest Resources and Conservation Seminar, Gainesville, Florida, April 10, 2009.

- Robertson, K.M. 2008. Effects of fire regimes on southeastern U.S. upland pine ecosystems. Archbold Biological Station Seminar, Venus, Florida, October 2, 2008.
- Robertson, K.M. 2008. Carbon sequestration and carbon credits: the future with regard to fire. Fire Summit I: The future of fire in Florida and Georgia, Tallahassee, Florida, January 16.
- Robertson, K.M. 2008. Prescribed fire effects on carbon sequestration in southern pine forests. North Florida Prescribed Fire Council Meeting, Tallahassee, Florida, March 7, 2008.
- Robertson, K.M. 2007. Land management decisions and fire effects in southern pinelands. North Florida Prescribed Fire Council Meeting, Lake City, Florida, October 17, 2007.
- Robertson, K.M. 2007. Fire effects on soil. Applied Management in Florida Conference, Orlando, Florida, June 20-23, 2007.
- Robertson, K.M. 2007. Wildfire, prescribed fire, and climate change in Florida. Florida Governor's Cabinet Meeting on Climate Change, Tallahassee, Florida, June 12, 2007.
- Robertson, K.M. 2007. Ecosystem Processes and Biodiversity in Southern U.S. Plant Communities. Louisiana State University Department of Biological Sciences Seminar, Baton Rouge, Louisiana, February 12, 2007.
- Robertson, K.M. 2007. Fire regime effects on soil chemistry in a southeastern U.S. pine forest. Jones Ecological Research Center Seminar, Newton, Georgia, January 11, 2007.
- Robertson, K.M. 2006. Answers to burning questions: Research and public perception of prescribed burning in the Southeast. Southeast State Parks Symposium, Wakulla, Florida, December 7, 2006.
- Robertson, K.M. 2006. Fire effects in southern pinelands. North Florida Prescribed Fire Council, Tallahassee, Florida, October 18, 2006.
- Robertson, K.M. 2006. Land use history in the Red Hills Region. Florida Ornithological Society Annual Meeting, Tallahassee, Florida, April 24, 2006.
- Robertson, K.M. 2006. Native American land use in the Red Hills Region. Mission San Luis Seminar, Tallahassee, Florida, April 1, 2006.
- Robertson, K.M. 2004. Income potential and management of the longleaf pine-wiregrass ecosystem. Tri-state Longleaf Pine Groundcover Restoration Symposium, Quincy, Florida, November 17, 2004.
- Palmer, W.E., K.M. Robertson, and R.E. Masters. 2004. Fire in the Southeast: Past, present, and future. Transactions of the 69th annual North American wildlife and natural resources conference. The Wildlife Institute, Spokane, Washington, March 16-20.
- Robertson, K.M. 2003. Pineland fuels and predicted fire behavior. Florida State University Natural History Seminar, Tallahassee, Florida, March 26, 2004.

Contributed Presentations

- Robertson, K.M. and C.M. Morrison. 2018. Restoring ecosystem resilience through frequent fire and succession of pine-grassland communities on post-agricultural land in the southeastern U.S. Ecological Society of American Annual Meeting, New Orleans, Louisiana, August 8, 2018.
- Robertson, K.M. 2017. Ecological heterogeneity: the roles of patch dynamics in frequently burned longleaf ecosystems. Association for Fire Ecology Conference, Orlando, Florida, November 28, 2017.

- Robertson, K.M. 2017. Effects of time since fire on fire behavior in southeastern U.S. longleaf pine-wiregrass communities. Association for Fire Ecology Conference, Orlando, Florida, November 28, 2017.
- Robertson, K.M. 2016. Anthropogenic (post-agricultural) pine-grasslands of the southeastern U.S. Coastal Plain: partial restoration of native longleaf/shortleaf pine-grasslands through unmanaged plant dispersal. Ecological Society of American Annual Meeting, Fort Lauderdale, Florida, August 10, 2016.
- Stewart, J.F., R.E. Will, K.M. Robertson, and C.D. Nelson. 2015. Frequent fire protects shortleaf pine from introgression by loblolly pine. Southern Forest Tree Improvement Committee Conference, Hot Springs, Arkansas, June 8, 2015.
- Robertson, K.M., Y.P. Hsieh, and G.M. Bugna. 2015. Fire environment effects on particulate matter emission factors in southeastern U.S. pine-grasslands. Association for Fire Ecology 6th Fire Congress, San Antonio, Texas, November 17, 2015.
- Robertson, K.M., Y.P. Hsieh, and G.C. Bugna. 2013. Fire environment effects on PM_{2.5} emission factors and validation of previous estimates in a southern U.S. pine-grassland. International Association of Wildland Fire Conference, Raleigh, North Carolina, February 21, 2013.
- Robertson, K.M. 2013. Effects of fire regime on soil quality in restored post-agricultural pine-grasslands of northern Florida. Society for Range Management Annual Meeting, Orlando, FL, February 11, 2013.
- Robertson, K.M., G.C. Bugna, and Y.P. Hsieh. 2012. Fire environment effects on PM_{2.5} emission factors and validation of previous estimates in a southern U.S. pine-grassland. Wildland Fire PM Emission Factor Workshop, Atlanta, GA, February 7, 2012.
- Hsieh, Y.P., K.M. Robertson, and G.C. Bugna. 2012. Some critical elements affecting the accuracy of PM emission factor determination in forest fires. Wildland Fire PM Emission Factor Workshop, Atlanta, GA, February 7, 2012.
- Hmielowski, T., K.M. Robertson, and W.J. Platt. 2012. Method and timing of top-kill influence the number of stems and biomass of *Quercus nigra* (water oak) resprouts. Ecological Society of America Annual Meeting, Portland, Oregon, August, 2012.
- Hsieh, Y.P., G.C. Bugna, and K.M. Robertson. 2012. Chemical signature of biomass burning emitted PM_{2.5} by multi-elemental scanning thermal analysis (MESTA). American Geophysical Union Fall Meeting, San Francisco, CA, December 6, 2012.
- Robertson K.M. 2011. Evidence for a distinct shortleaf pine-oak-hickory plant community in the southeastern U.S. Coastal Plain. Natural Areas Conference, Tallahassee, FL, November 1-4, 2011.
- Robertson, K.M. 2011. Effects of fire frequency on ecosystem carbon storage in a southeastern U.S. Coastal Plain old-field pine forest. Natural Areas Conference, Tallahassee, FL, November 1-4, 2011.
- Robertson, K.M. 2008. Effects of fire frequency on ecosystem carbon storage in a southeastern U.S. Coastal Plain pineland. Longleaf Alliance/Forest Guild Conference, Destin, Florida, October 31, 2008.
- Robertson, K.M. and C.W. Wood. 2008. Effects of fire frequency on ecosystem carbon storage in a southeastern U.S. Coastal Plain pineland. Annual Meeting of the Ecological Society of America, Milwaukee, Wisconsin, August 4-9, 2008.

- Robertson, K.M. 2008. Effects of fire regimes on southeastern U.S. upland pine forests. Longleaf Alliance Conference, Destin, Florida, October 29-31, 2008.
- Robertson, K.M. 2008. Effects of fire frequency on ecosystem carbon storage in a southeastern U.S. Coastal Plain pineland. Longleaf Alliance Conference, Destin, Florida, October 29-31, 2008.
- Meyerson, F.A.B., L. A. Meyerson, J. Adams, B. Rehill, L. Dimov, K. Robertson, and D. V. Viola. 2007. Latitudinal gradients in herbivory and plant antiherbivore defenses for North American hardwood species. Annual Meeting of the Ecological Society of America, San Francisco, California, August 3-7, 2007.
- Hsieh, Y. P., K. Robertson, and C. Coultas. 2006. Effects of Prescribed Fire Burning on the Nature and Property of Soil Organic Matter as Revealed by a Novel Multi-Elemental Scanning Thermal Analysis. American Society of Agronomy, Crop Science Society of America, and Soil Science Society of America Annual Meeting, Indianapolis, Indiana, November, 2006.
- Robertson, K.M. and C.W. Wood. 2006. Fire effects on soil carbon and nutrients in a southeastern U.S. pineland. 3rd International Fire Congress, San Diego, California.
- Robertson, K.M., S. Curd-Hetrick, R. Masters, A. Bruce, M. Naito, K. Outcalt, M. Rauscher, Jennifer Pollock, Greg Gollberg. 2006. Southern Fire Portal: Regional fire information system. Fire effects on soil carbon and nutrients in a southeastern U.S. pineland. 3rd International Fire Congress, San Diego, California, November 13-17.
- Robertson, K.M. and T.E. Ostertag. 2005. Fuel measurement and fire behavior validation in upland pine forests in southern Georgia, U.S.A. 23rd Tall Timbers Fire Ecology Conference, Bartlesville, Oklahoma, October 16, 2005.
- Ostertag, T.E. and K.M. Robertson. 2005. Native versus old-field vegetation in fire-maintained pinelands of southern Georgia and northern Florida, U.S.A. 23rd Tall Timbers Fire Ecology Conference, Bartlesville, Oklahoma, October 16, 2005.
- Robertson, K.M. and C.K. Augspurger. 2003. Spatial segregation of floodplain tree species through differential mortality of seedlings. Annual Meeting of the Ecological Society of America, Savannah, Georgia, August 3-8, 2003.
- Robertson, K.M. and T.E. Ostertag. 2003. Fuel characteristics and fire behavior predictions in native and old-field pinelands in the Red Hills Region, southwest Georgia. 2nd International Wildland Fire and Fire Management Congress, Orlando, FL.
- Robertson, K.M. and C.K. Augspurger. 2000. Patterns of tree species in early succession along point bars of southeastern USA rivers. Annual Meeting of the Ecological Society of America, Snowbird, Utah, August 6-10, 2000.
- Robertson, K.M. and C.K. Augspurger. 1998. Pathways of primary succession and forest structure associated with geomorphology of the Bogue Chitto River, U.S.A. Annual Meeting of the Ecological Society of America, Baltimore, Maryland August 2-6, 1998.
- Robertson, K.M. and W.J. Platt. 1996. Direct effects of Hurricane Andrew on epiphytic bromeliads and their hosts in subtropical hardwood hammocks in Everglades National Park, Florida, USA. Annual Meeting of the Ecological Society of America, Providence, Rhode Island, August 10-14, 1996.
- Robertson, K.M. and W.J. Platt. 1994. The effects of Hurricane Andrew on the demography of epiphytic Bromeliads in Everglades National Park, Florida. Annual Meeting of the Ecological Society of America, Knoxville, Tennessee.

- Robertson, K.M. and W.J. Platt. 1993. Effects of fire on the demography of Bromeliads in subtropical hardwood hammocks of Everglades National Park, Florida. Annual Meeting of the Ecological Society of America, Madison, Wisconsin.
- Robertson, K. M. and M. Blackwell. 1992. Laboulbeniales associated with phoretic mites of dung beetles. Annual Meeting of the Mycological Society of America, Portland, Oregon.
- Robertson, K.M. and W.J. Platt. 1991. Factors influencing colonization of trees by Bromeliads in Everglades National Park. Second International Symposium: The Biology and Conservation of Epiphytes. pg. 40. Sarasota, Florida.
- Robertson, K.M. and W.J. Platt. 1991. Factors influencing colonization of trees by epiphytic Bromeliads in Everglades National Park, Florida. Annual Meeting of the Ecological Society of America, San Antonio, Texas.