



List your research and extension projects under the official NCCC 212 objectives, emphasizing collaborative projects with other researchers. A suggested format is below.

Objective 1 - Develop improved small fruit germplasm through cooperative breeding and evaluation programs:

Creating interspecific hybrids among Passiflora species to encourage fruit production in subtropical growing regions. E. Stafne, Mississippi State University; A. Chambers, University of Florida.

Small-scale, minimal management breeding of Pierce's disease tolerant and resistant grapes and muscadines. E. Stafne

Evaluation of thornless blackberry seedlings for potential in Gulf South growing conditions. E. Stafne

Objective 2 - Develop practices for small fruit production tailored for climatic and market needs of growers.

Evaluating blackberry cultivars for tolerance to white drupelet disorder. E. Stafne, Mississippi State University; Barbara J. Smith, USDA-ARS Poplarville

Renovation pruning of blueberry cultivars in Mississippi. E. Stafne, MSU; B.J. Smith, USDA-ARS

Phenology of primocane-fruiting, thornless blackberries under high tunnel conditions. E. Stafne, Mississippi State University; C. Coker, Mississippi State University

Testing Pierce's disease-tolerant grapevines for south Mississippi. E. Stafne, MSU; H. Willams, MSU

List retrievable or archived publications arising from your collaborative research projects including journal articles, book chapters, review articles, theses, proceedings, and extension publications. Please use ASHS style.

Stafne, E.T. and B.J. Smith. 2021. Higher Renovation Pruning Height Improves Early Yields of 'Woodard' Rabbiteye Blueberry. HortTechnology 31:188-191.
<https://journals.ashs.org/horttech/view/journals/horttech/31/2/article-p188.xml>

Williams, H., E.T. Stafne, and P. Conner. 2021. Inbreeding among muscadine cultivars. J. Amer. Pomol. Soc. 75:141-148.
http://www.pubhort.org/aps/75/v75_n3_a2.htm

Stafne, E.T. and A. Rezazadeh. 2021. Effect of trellis orientation on *Passiflora incarnata* growth and production. J. Appl. Hort. (in press).

Rezazadeh, A. and E.T. Stafne. 2021. Comparison of Drought Tolerance in Five Blueberry Cultivars by Using Dehydration Leaf Assay. Proc. Fla. Hort. Soc. 133:25-27
http://fshs.org/wp-content/uploads/2021/05/2020-FSHS_PROC_FINAL.pdf

Williams, H. and E.T. Stafne. Reintroducing a Multiuse Red Grape for the Deep South: 'MidSouth'. J. Amer. Pomol. Soc. (in press)

Posadas, B, P. Knight, E. Stafne, C. Coker, E. Blythe, J. DelPrince, G. Bachman, and S. Langlois. 2021. Economic Impacts of Horticulture Research and Extension at MSU Coastal Research and Extension Center. Horticulturae 7(8):236
<https://www.mdpi.com/2311-7524/7/8/236>

Stafne, E.T., J.B. Ryals, and B.J. Smith. 202x. Additional Nitrogen Application Reduced White Drupelet Disorder in 'Sweetie Pie' Blackberry. HortTechnology (in press)

Abstracts

Williams, H. and E.T. Stafne. 2021. Effects of Pruning Timing and Leaf Removal on Midsouth Winegrape Quality in South Mississippi. Amer. J. Enol. Viticult. Tech. Abstr. p. 21-22 <https://www.asev.org/sites/main/files/file-attachments/2021technicalabstracts.pdf?1624910869>

Werle, C., O. Mavrodi, E. Babiker, E.T. Stafne, and J. Adamczyk, Jr. 2021. Diversity, abundance, and Xylella-infection status of leafhoppers in muscadine grape vineyards. ESA (submitted).
<https://esa.confex.com/esa/2021eb/sebtm/papers/viewonly.cgi?password=124317&username=153887>

Williams, H. and E.T. Stafne. 2021. Canopy Management Effects on Midsouth Winegrape Quality in South Mississippi. HortScience 56(9):S190-191.
<https://doi.org/10.21273/HORTSCI.56.9S.S1>

Worthey, S., J. Wilson, and E.T. Stafne. 2021. Blueberry Rooting Response to Substrate Containing Compost. HortScience 56(9):S60.
<https://doi.org/10.21273/HORTSCI.56.9S.S1>

Williams, H. and E.T. Stafne. 2021. MidSouth: A Red Wine Grape for South Mississippi Amer. Soc. Enol. Viticult. Eastern Sect. Abstr. p. 20 <http://www.asev-es.org/pdf/2021%20%20Program%20ASEV-ES%20reduced%20size.pdf>

Extension Publications

Melanson, R. et al. (eds.). 2021. 2021 Southeast Regional Strawberry Integrated Pest Management Guide Focused on Plasticulture Production Univ. Georgia Bull. 44 <https://smallfruits.org/files/2020/12/2021-Strawberry-IPM-Guide.pdf> (section editor)

Burrack, H. et al. (eds.). 2021. Southeast Regional Blueberry Integrated Management Guide. Univ. Georgia Bull. 48. <https://smallfruits.org/files/2021/01/2021-Blueberry-Spray-Guide.pdf> (section editor)

Nita, M. et al. (eds.). 2021 Southeast Regional Bunch Grape Integrated Management Guide. Univ. Georgia Bull. 46 <https://smallfruits.org/files/2021/02/2021-Bunch-Grape-Spray-Guide.pdf> (section editor)

Stafne, E.T. 2021. Establishment and Production of Muscadine Grapes. MSU-ES P-2290. http://extension.msstate.edu/sites/default/files/publications/publications/P2290_web.pdf (minor revision).

Multiple authors, including E.T. Stafne. 2021. Pest Management Strategic Plan for Blackberry in Alabama, Arkansas, Georgia, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee, and Virginia. https://ipmdata.ipmcenters.org/source_report.cfm?view=yes&sourceid=1444