



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

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.

Ryals, J.B., P.R. Knight, and E.T. Stafne. 2020. Rooting response of seven passion fruit species to basal application of auxin. HortTechnology
<https://journals.ashs.org/horttech/view/journals/horttech/aop/article-10.21273-HORTTECH04660-20/article-10.21273-HORTTECH04660-20.xml>.

Mavrodi, O.V., D.V. Mavrodi, E.T. Stafne, John J. Adamczyk, Jr., and E.M. Babiker. 2020. Draft genome sequences of *Xylella fastidiosa* subsp. *fastidiosa* strains OK3, VB11, and

NOB1 isolated from bunch and muscadine grapes grown in southern Mississippi.
Microbial Resource Announcement DOI: 10.1128/MRA.00562-20.

Stafne, E.T. 2020. #YardFruits: Twitter as a Tool to Disseminate Horticulture Education During A Pandemic. HortTechnology

<https://journals.ashs.org/horttech/view/journals/horttech/aop/article-10.21273-HORTTECH04717-20/article-10.21273-HORTTECH04717-20.xml>

Stafne, E.T. and B.J. Smith. 2019. Effect of phosphorous acid and pruning height on renovated 'Woodard' rabbiteye blueberry. *In* Proceedings of the North American Blueberry Research and Extension Workers Conference. August 12-15, 2018, Orono, ME. 6 pp. University of Maine Digital Commons:

<https://digitalcommons.library.umaine.edu/cgi/viewcontent.cgi?article=1001&context=nabrew2018>

Stafne, E.T. and B.L. Carroll. 2019. Simulated Abiotic Injury Alters Yields of Southern Interspecific Hybrid Grape Cultivars. *Horticulturae* 5(2):44

<https://www.mdpi.com/2311-7524/5/2/44/htm>

Abstracts

Stafne, E.T. and B.J. Smith. 2020. Higher Renovation Pruning Height Improves Early Yields of 'Woodard' Rabbiteye Blueberry. *HortScience* 55(9):S406.

<https://journals.ashs.org/hortsci/view/journals/hortsci/55/9S/article-pS1.xml>

Stafne, E.T. and B.J. Smith. 2020. Additional Nitrogen Application May Reduce White Drupelet Disorder in 'Sweetie Pie' Blackberry. *HortScience* 55(9):S406.

<https://journals.ashs.org/hortsci/view/journals/hortsci/55/9S/article-pS1.xml>

Smith, B.J., A. Rezazadeh, E.T. Stafne, and H. Sakhanokho. 2020. Effect of LED, UV-B, and fluorescent supplemental lights on plant growth and fruit quality of strawberries grown in a greenhouse and on their infection by *Colletotrichum* spp. *HortScience* 55(9):S232-233.

<https://journals.ashs.org/hortsci/view/journals/hortsci/55/9S/article-pS1.xml>

Werle, C., O. Mavrodi, E.T. Stafne, E. Babiker, and J. Adamczyk. 2019. Resistance is not futile: Diversity and distribution of leafhoppers (Hemiptera: Cicadellidae) in Mississippi muscadines. *ESA*

<https://esa.confex.com/esa/2019/meetingapp.cgi/Paper/145366> (abstr.)

Extension Publications

Stafne, E.T. 2020. Fruit and Nut Review: Blackberries. MSU-ES 1444. (revision)

<http://extension.msstate.edu/publications/information-sheets/fruit-and-nut-review-blackberries>

Oliver, J. et al. (eds.). 2020. Southeast Regional Caneberries Integrated Management Guide. Univ. Georgia Bull. 47 <https://smallfruits.org/files/2020/01/2020-Caneberry-Spray-Guide.pdf> (section editor)

Stafne, E.T. 2020. White Drupelet Disorder in Blackberries: Knowns and More Unknowns. Small Fruit News 20(3): <https://smallfruits.org/category/small-fruit-news/>.

Stafne, E.T. 2020. Some Vineyard Tasks to Prepare for Winter. Small Fruit News 20(4): <https://smallfruits.org/2020/10/some-vineyard-tasks-to-prepare-for-winter/>.