The University of Georgia College of Agriculture and Environmental Sciences Department of Entomology

Brett R. Blaauw

The University of Georgia and Clemson University Department of Entomology 353 Biological Sciences Bldg. Athens, GA 30602

Office: 706-542-8748 E-mail: bblaauw@uga.edu Web: blaauwbugs.weebly.com

I. ACADEMIC HISTORY

Department: Entomology

Present Rank: Associate Professor

Assignment: 60% Extension, 40% Research

Tenure Status: Not tenured

Date of Appointment: July 1, 2016

Education:

Bachelor of Arts in Biology. Kalamazoo College. 2005 Master of Science in Chemical Ecology.

Western Michigan University. 2008

Doctor of Philosophy, dual-degree in Entomology and in the Ecology, Evolutionary Biology, and

Behavior Program. Michigan State University. 2013

Positions held:

Teaching Assistant. Department of Biology, Western Michigan University. 2005 – 2008 Graduate Research Assistant. Dept. of Entomology, Michigan State University. 2008 – 2013 Postdoctoral Research Associate. Dept. of Entomology, Rutgers University. 2013 – 2016 Assistant Professor. Dept. of Entomology, The University of Georgia. 7/1/2016 – 6/30/21 Associate Professor. Dept. of Entomology, The University of Georgia. 7/1/2021 – present

II. INSTRUCTION

1. Courses Taught Clamson University

Clemson University	ty			
Summer 2019	ENT 4070	Applied Ag. Entomology. 10 students (guest-lecture x2)		
University of Georgia				
Fall 2021	ENTO 3740	Insect Pest Management. 25 students (guest-lecture)		
Fall 2021	ENTO 8500	Insect Ecology. 12 students (guest-lecture)		
Fall 2019	ENTO 3740	Insect Pest Management. 20 students (guest-lecture)		
Fall 2019	ENTO 8500	Insect Ecology. 8 students (guest-lecture)		
Fall 2018	ENTO 6740	Integrated Pest Management. 28 students (guest-lecture)		
Fall 2018	ENTO 3740	Insect Pest Management. 20 students (guest-lecture)		
Spring 2017	ENTO 8900	The Profession of Entomology. 8 students (guest-lecture)		
Fall 2016	ENTO 3740	Insect Pest Management. 16 students (guest-lecture)		
University of Pennsylvania				
Spring 2016	HSOC 231	Insect Epidemiology. 20 students (guest-lecture)		
Spring 2015	HSOC 231	Insect Epidemiology. 20 students (guest-lecture)		
Rutgers Universit	y			
Spring 2016	16:370:525	Insect Ecology. 4 students (guest-lecture)		

Spring 2016	11:370:350	Agricultural Entomology. 20 students. (guest-lecture)
Spring 2015	11:370:350	Agricultural Entomology. 20 students. (guest-lecture)
Fall 2014	16:370:507	Biological Control of Insects. 8 students (co-taught)
Spring 2014	16:370:525	Insect Ecology. 8 students (guest-lecture)
Spring 2014	11:370:350	Agricultural Entomology. 20 students. (guest-lecture)

2. Supervision of Graduate Student Research

PhDs in progress as Chair or Co-Chair

- 1. Tzu-Chin Liu, Spring 2017-present. PhD Entomology, Project: Leveraging Pest Behavior for Implementation of IPM Practices for Plum Curculio.
- 2. Dilani Patel, Fall 2017-present. PhD Entomology, Project: IPM for Brown Marmorated Stink Bugs in the Southeast. [Co-chair with Ash Sial]

Masters in progress as Chair or Co-Chair

- 1. Daniel O'Connell, Spring 2020-present. MS Entomology, Project: Biological Control of Brown Marmorated Stink Bugs in Peach Orchards.
- 2. Amos Kaldor, Summer 2020-present. MS Entomology, Project: Sustainable Management of Key Georgia Peach Pests. [Co-chair with Jason Schmidt]

Non-thesis Masters in progress as Chair

1. Jordan Breedlove, Spring 2019-present. Master of Plant Protection and Pest Management, Project: Assessing Potential Risks to Pollinator Communities Georgia Tree Fruit.

3. Graduate Student Advisory Committee Membership

Masters Degree as Committee Member

- 1. Courtney Brissey, Fall 2016-December 2018. MS Entomology, Project: Characterization of and the Creation of a Lucid Key for the Sap Beetles of Georgia.
- 2. Alejandra Monterrosa, Fall 2019-present. MS Entomology, Project: Phenology and diversity of ambrosia beetles in woody nurseries, pecan and tree fruit orchards in Georgia.

4. Supervision of High School Student Research

Young Dawgs Student Advisor

1. Annie Whatley, Fall 2017. Young Dawgs Entomology, Project: Comparison of Sticky Cards and Pyramid Traps for Monitoring Brown Marmorated Stink Bugs.

5. Supervision of International Visiting Scholar

Exchange Visitor Student Advisor

1. Fernando Mendes-Barbosa, Spring 2018 – Summer 2018. Project: Pollinator Community and Their Impact on Peach Pollination.

III. SCHOLARLY ACTIVITIES / CREATIVE WORK

1. Publications

- a. Book Chapters (UGA 0, Total 2)
 - 2. Isaacs, R., Blaauw, B., Williams, N., Kwapong, P., Lee-Mäder, E., & Vaughan, M. (2016). Farm-Tailored Measures to Sustain and Enhance Pollination Services. In B. Gemmill-Herren (Ed.), Pollination Services to Agriculture: Sustaining and Enhancing a Key Ecosystem Service (pp. 113-130). New York: Routledge.
 - 1. Rodriguez-Saona, C., **Blaauw, B. R.**, & Isaacs, R. (2012). Manipulation of natural enemies in agroecosystems: habitat and semiochemicals for sustainable insect pest control. In M. L. Larramendy, & S. Soloneski (Eds.), *Integrated Pest Management and Pest Control Current and Future Tactics* (pp. 89-126). InTech.

- **b. Journal articles (peer-reviewed) (UGA 23, Total 30)**
 - 30. Wong, Colin, Camila Oliveira-Hofman, Brett R. Blaauw, Dario Chavez, Ganpati Jagdale, Russell F. Mizell III, and David Shapiro-Ilan. 2022. "Using the Nematode, Steinernema carpocapsae, to Control Peachtree Borer (Synanthedon exitiosa): Optimization of Application Rates and Secondary Benefits in Control of Root-Feeding Weevils" Agronomy 12, no. 11: 2689. https://doi.org/10.3390/agronomy12112689
 - 29. Kaldor, A. D., McHugh, J. V., Schmidt, J. M., Luo, X., Gariepy, T. D., & Blaauw, B. R. (2022). First Documented Wild Population of the "Hunter Fly", Coenosia attenuata Stein (Diptera: Muscidae) in North America. Insects, 13(11), 970.
 - 28. Monterrosa, A., Joseph, S. V., Blaauw, B., Hudson, W., & Acebes-Doria, A. L. (2022). Ambrosia Beetle Occurrence and Phenology of *Xylosandrus* spp. (Coleoptera: Curculionidae: Scolytinae) in Ornamental Nurseries, Tree Fruit, and Pecan Orchards in Georgia. Environmental Entomology. nvac064, https://doi.org/10.1093/ee/nvac064
 - 27. Illán, J.G., Zhu, G., Walgenbach, J.F., Acebes-Doria, A., Agnello, A.M., Alston, D.G., Andrews, H., Beers, E.H., Bergh, J.C., Bessin, R.T., Blaauw, B.R., Buntin, G.D., Burkness, E.C., Cullum, J.P., Daane, K.M., Fann, L.E., Fisher, J., Girod, P., Gut, L.J., Hamilton, G.C., Hepler, J.R., Hilton, R., Hoelmer, K.A., Hutchison, W.D., Jentsch, P.J., Joseph, S.V., Kennedy, G.G., Krawczyk, G., Kuhar, T.P., Lee, J.C., Leskey, T.C., Marshal, A.T., Milnes, J.M., Nielsen, A.L., Patel, D.K., Peterson, H.D., Reisig, D.D., Rijal, J.P., Sial, A.A., Spears, L.R., Stahl, J.M., Tatman, K.M., Taylor, S.V., Tillman, G., Toews, M.D., Villanueva, R.T., Welty, C., Wiman, N.G., Wilson, J.K., Zalom, F.G. & Crowder, D.W. (2022), Evaluating invasion risk and population dynamics of the brown marmorated stink bug across the contiguous United States. Pest Management Science. https://doi.org/10.1002/ps.7113
 - 26. Jagdale, G., Oliveira-Hofman, C., Chavez, D., Blaauw, B. R., Colson, Bock, C. H., & Shapiro-Ilan, D. (2021). Comparative efficacy of fluensulfone and Steinernema carpocapsae against peach nematodes. Journal of Nematology. 53, 16-17.
 - 25. Monterrosa, A., Acebes, A. L., Blaauw, B., & Joseph, S. V. (2021). Effects of trap, and ethanol lure type and age on attraction of ambrosia beetles (coleoptera: curculionidae). Journal of Economic Entomology, 114, (4), 1647–1654, doi.org/10.1093/jee/toab089
 - 24. Akotsen-Mensah, C., Blaauw, B. R., Rivera, M. J., Rodriguez-Saona, C., & Nielsen, A L. (2021) Behavioral response of Halyomorpha halys (Hemiptera: Pentatomidae) and its egg parasitoid Trissolcus japonicus (Hymenoptera: Scelionidae) to host plant odors. Frontiers in Ecology and Evolution. doi.org/10.3389/fevo.2021.696814
 - 23. McDougall, R., Dipoala, A., Blaauw, B. R., & Nielsen, A. L. (2021). Managing orchard groundcover to reduce pollinator exposure to pesticide. Pest Management Science. 77(7), 3554-3560. doi: 10.1002/ps.6409
 - 22. Schmidt, J.M., Acebes-Doria, A., Blaauw, B., Kheirodin, A., Pandey, S., Lennon, K., Kaldor, A.D., Toledo, P.F.S., & Grabarczyk, E.E. (2021). Identifying Molecular-Based Trophic Interactions as a Resource for Advanced Integrated Pest Management. Insects 2021, 12, 358. https://doi.org/10.3390/insects12040358
 - 21. Leskey, T.C, Blaauw, B. R., Bosco, L., Gabor, V., Hamilton, G., Kuhar, T., Ludwick, D., Nixon, L. J., Preti, M. Short, B., Spears, L., & Wiman, N. (2021). Refining Pheromone Lures for the Invasive Halyomorpha halys (Hemiptera: Pentatomidae) Through Collaborative Trials in the USA and Europe. *Journal of Economic Entomology*. 114(4), 1666-1673. https://doi.org/10.1093/jee/toab088
 - 20. Senapathi, D., Fründ, J., Albrecht, M., Garratt, M. P. D., Kleijn, D., Pickles, B. J., Potts, S. G., An, J., Andersson, G. K. S., Bänsch, S., Basu, P., Benjamin, F., Bezerra, A. D. M.,

- Bhattacharya, R., Biesmeijer, J. C., **Blaauw, B.**, et al. (2021) Wild insect diversity increases inter-annual stability in global crop pollinator communities. *Proc. R. Soc. B* 288: 20210212. doi: 10.1098/rspb.2021.0212
- 19. Albrecht, M., Kleijn, D., Williams, N., Tschumi, M., **Blaauw, B.**, Bommarco, R., Campbell, A., Dainese, M., Drummond, F., Entling, M., Ganser, D., Standort, D., De Groot, A., Goulson, D., Grab, H., Hamilton, H., Herzog, F., Isaacs, R., Jacot, K., Jeanneret, P., Jonsson, M., Knop, E., Kremen, C., Landis, D., Loeb, G., Marini, L., et al. (2020). The effectiveness of flower strips and hedgerows on pest control, pollination services and crop yield: a quantitative synthesis. *Ecology Letters*. 23:1488-1498. doi: 10.1111/ele.13576
- Akotsen-Mensah, C., Bergh, C., Blaauw, B. R, Leskey, T., Polk, D., Short, B., & Nielsen, A L. (2020) Using IPM-CPR as a Management Program for Apple Orchards. *Economic Entomology*. toaa087
- 17. Tillman, G., Toews, M., **Blaauw**, **B**., Sial, A., Cottrell, T., Talamas, E., Buntin, G., Joseph, S., Balusu, R., Fadamiro, H., Lahiri, S., & Patel, D. (2020). Parasitism and predation of sentinal eggs of the invasive brown marmorated stink bug, *Halyomorpha halys* (Hemiptera: Pentatomidae) in the southeastern USA. *Biological Control*. 145(1), 1-14. doi: 10.1016/j.biocontrol.2020.104247
- 16. **Blaauw, B.R.,** Hamilton, G., Rodriguez-Saona, C., and Nielsen, A.L. (2019). Plant Stimuli and their Impact on Brown Marmorated Stink Bug Dispersal and Host Selection. Frontiers in Ecology and Evolution. doi: 10.3389/fevo.2019.00414
- 15. Acebes-Doria, A.L., Agnello, A.M., Alston, D.G., Andrews, H., Beers, E.H., Bergh, J.C., Bessin, R., Blaauw, B.R., Buntin, G.D., Burkness, E.C., Chen, S., Cottrell, T.E., Daane, K.M., Fann, L.E., Fleischer, S.J., Guédot, C., Gut, L.J., Hamilton, G.C., Hilton, R., Hoelmer, K.A., Hutchison, W.D., Jentsch, P., Krawczyk, G., Kuhar, T.P., Lee, J.C., Milnes, J.M., Nielsen, A.L., Patel, D.K., Short, B.D., Sial, A.A., Spears, L.R., Tatman, K., Toews, M.D., Walgenbach, J.D., Welty, C., Wiman, N.G., Van Zoeren, J., Leskey, T.C. (2019). Season-Long Monitoring of the Brown Marmorated Stink Bug (Hemiptera: Pentatomidae) Throughout the United States Using Commercially Available Traps and Lures. Journal of Economic Entomology. doi: 10.1093/jee/toz240
- 14. Balusu, R. R., Cottrell, T. E., Talamas, E. J., Toews, M. D., Blaauw, B. R. Sial, A. A., Buntin, G. D., Vinson, E. L., Fadamiro, H. F., and Tillman, G. P. (2019). First record of *Trissolcus basalis* (Hymenoptera: Scelionidae) parasitizing *Halyomorpha halys* (Hemiptera: Pentatomidae) in the United States of America. *Biodiversity Data Journal*. 7: e39247.
- 13. Balusu, R. R., Cottrell, T. E., Talamas, E. J., Toews, M. D., **Blaauw, B. R.** Sial, A. A., Buntin, G. D., Vinson, E. L., Fadamiro, H. F., and Tillman, G. P. (2019). New record of *Trissolcus solocis* (Hymenoptera: Scelionidae) parasitizing *Halyomorpha halys* (Hemiptera: Pentatomidae) in the United States of America. *Biodiversity Data Journal*. 7:e30124.
- 12. Morrison, W. R., **Blaauw, B. R.**, Nielsen, A. L., Bergh, J., Krawczyk, G., Park, Y-L, Butler, B., Khrimian, A., & Leskey, T. C. (2019) Successful management of *Halyomorpha halys* (Hemiptera: Pentatomidae) in commercial apple orchards with an attract-and-kill strategy. *Pest Management Science*, 75(1), 104-114. doi: 10.1002/ps.5156
- 11. Morrison, W. R., **Blaauw, B. R.**, Nielsen, A. L., Talamas, E., & Leskey, T. C. (2018). Predation and parasitism by native and exotic natural enemies of *Halyomorpha halys* (Stål) (Hemiptera: Pentatomidae) eggs augmented with semiochemicals and differing host stimuli. *Biological Control*, 121, 140-150. doi: 10.1016/j.biocontrol.2018.02.016
- 10. Mathews, C. R., **Blaauw**, **B.**, Dively, G., Kotcon, J., Moore, J., Ogburn, E., & Nielsen, A. L. (2017). Evaluating a polyculture trap crop for organic management of *Halyomorpha halys*

- and native stink bugs in peppers. *Journal of Pest Science*, 90(4), 1245-1255. doi: 10.1007/s10340-017-0838-z
- 9. Weber, D. C., Morrison, W. R., Khrimian, A., Rice, K. B., Leskey, T. C., Rodriguez-Saona, C., Nielsen, A. L., & **Blaauw**, **B. R.** (2017). Chemical ecology of *Halyomorpha halys*: discoveries and applications. *Journal of Pest Science*, 90(4), 989-1008.
- 8. **Blaauw, B. R.**, Morrison, W. R., Mathews, C., Leskey, T. C., & Nielsen, A. L. (2017). Measuring host plant selection and retention of *Halyomorpha halys* by a trap crop. *Entomologia Experimentalis et Applicata*, 163(2), 197-208. doi:10.1111/eea.12571
- 7. **Blaauw, B. R.**, Jones, V. P., & Nielsen, A. L. (2016). Utilizing immunomarking techniques to track *Halyomorpha halys* (Hemiptera: Pentatomidae) movement and distribution within a peach orchard. *PeerJ*, 4, 17 pages. doi:10.7717/peerj.1997
- 6. **Blaauw, B. R.**, Polk, D., & Nielsen, A. L. (2015). IPM-CPR for peaches: incorporating behaviorally-based methods to manage *Halyomorpha halys* and key pests in peach. *Pest Management Science*, 71(11), 1513-1522. doi:10.1002/ps.3955
- 5. **Blaauw, B. R.** & Isaacs, R. (2015). Wildflower plantings enhance the abundance of natural enemies and their services in adjacent blueberry fields. *Biological Control*, *91*, 94-103. doi:10.1016/j.biocontrol.2015.08.003
- 4. **Blaauw**, **B. R.**, & Isaacs, R. (2014). Larger patches of diverse floral resources increase insect pollinator density, diversity, and their pollination of native wild flowers. *Basic and Applied Ecology* 15(8), 701-711. doi:10.1016/j.baae.2014.10.001
- 3. Garibaldi, L. A., Carvalheiro, L. G., Leonhardt, S. D., Aizen, M. A., **Blaauw, B. R.**, Isaacs, R., . . . Winfree, R. (2014). From research to action: enhancing crop yield through wild pollinators. *Frontiers in Ecology and the Environment*, 12(8), 439-447. doi:10.1890/130330
- 2. **Blaauw**, **B. R.**, & Isaacs, R. (2014). Flower plantings increase wild bee abundance and the pollination services provided to a pollination-dependent crop. *Journal of Applied Ecology*, 51(4), 890-898. doi:10.1111/1365-2664.12257
- 1. **Blaauw, B. R.**, & Isaacs, R. (2012). Larger wildflower plantings increase natural enemy density, diversity, and biological control of sentinel prey, without increasing herbivore density. *Ecological Entomology*, *37*(5), 386-394. doi:10.1111/j.1365-2311.2012.01376.x

c. Editor reviewed publications (UGA 5, Total 5)

- 5. **Blaauw, B. R.,** Brannen, P., Hickey, C, Breeden, S. M., & Eason, N. P. (2020). Review of IPM strategies to Improve Sour Rot and Botrytis Management in Chardonnay, 2019. *Plant Disease Management Reports*. Report 14:PF012.
- 4. **Blaauw, B. R.** & Breedlove, J. (2020). Evaluation of insecticides for San Jose scale management in Georgia peaches, 2019. *Arthropod Management Tests*. 45(1), 1-2. doi: 10.1093/amt/tsaa078
- 3. **Blaauw, B. R.** (2019). Evaluation of insecticides for San Jose scale management in Georgia peaches, 2018. *Arthropod Management Tests*. 44(1), 1-2. doi:10.1093/amt/tsz037
- 2. **Blaauw, B. R.**, Hickey, C., & Brannen, P. (2019). Development of IPM strategies to Improve sour rot management in bunch grapes. *Plant Disease Management Reports*. Report 13:PF031.
- 1. **Blaauw, B.** & Stewart, N. (2018). Evaluation of insecticides for San Jose scale management in Georgia peaches, 2017. *Arthropod Management Tests*, 43(1), 1-2. doi:10.1093/amt/tsy068

- d. Journal articles (submitted/in review) (UGA 2, Total 2)
 - 2. Patel, D., Tillman, G., Sial, A. & Blaauw, B. R. (2020). Season-long Monitoring of Brown Marmorated Stink Bugs (Hemiptera: Pentatomidae) in Northern Georgia Regions. Journal of Entomological Science. (in prep)
 - 1. Blaauw, B. R. (2020). Advances in horticultural oil use for management of San Jose scale in Southeastern peach production. *Insects. (in prep)*
- e. Extension numbered publications (UGA 18, Total 18)
 - 18. Hickey, C., Vogel, A., Breeden, S., Brannen, P. & Blaauw, B. (2021). Grape Sour Rot. Penn State Extension. (EE0532).
 - 17. Blaauw, B. (2020). San Jose Scale: A Pernicious and Persistent Pest of Peaches. University of Georgia Cooperative Extension. (Circular 1225).
 - 16. Blaauw, B. & Liu T.-C. (2020). Plum Curculio: An Incessant Pest of Peaches. University of Georgia Cooperative Extension. (Circular 1224).
 - 15. Vogel, A., Breeden, S., Brannen, P., Hickey, C., & Blaauw, B. (2019). Grape Sour Rot. University of Georgia Cooperative Extension. (Circular 1212).
 - 14. Blaauw, B., Gorsuch, C., Schnabel, G., Scott, J. M., & Williamson, J. (2020). Peach Insect Pests. Clemson University Cooperative Extension. (HGIC 2210).
 - 13. Coyle, D., Chong, J. H., & Blauw, B. (2019). Spotted Lanternfly Management in Nurseries, Orchards, Vineyards, and Natural Areas in South Carolina and Georgia. Clemson University Cooperative Extension. (FW18).
 - 12. Brannen, P., Hickey, C., & Blauw, B. (2019). Pierce's Disease of Grape Identification and Management: Pierce's Disease of Grape – Identification and Management. University of Georgia Cooperative Extension. (Bulletin 1514).
 - 11. Hickey, C., Brannen, P., Blaauw, B., Hoffmann, M., Nita, M., & Pfeifer, D. (2019). Viticulture Management. University of Georgia Cooperative Extension (Circular 1151).
 - 10. Walgenbach, et. al. Integrated Orchard Management Guide for Commercial Apples in the Southeast. North Carolina State University Extension. (AG 472). (Blaauw contributor) a. 2019 revisions c. 2021 revisions
 - b. 2020 revisions d. 2022 revisions
 - 9. Nita, M., et. al. Southeast Regional Bunch Grape Integrated Management Guide, Southeast Region Small Fruits Consortium. University of Georgia Cooperative Extension. (Bulletin **46**). (**Blaauw** section editor)
 - a. 2017 revisions c. 2019 revisions e. 2021 revisions b. 2018 revisions d. 2020 revisions f. 2022 revisions
 - 8. Cline, et. al. Southeast Regional Muscadine Grape Integrated Management Guide, Southeast Region Small Fruits Consortium. University of Georgia Cooperative Extension. (Bulletin **46**). (**Blaauw** section editor)
 - a. 2017 revisions c. 2019 revisions e. 2021 revisions d. 2020 revisions b. 2018 revisions f. 2022 revisions

7. Little, E. & Blaauw, B. Home Apple and Pear Disease and Insect Guide in Georgia Pest Management Handbook: Home & Garden Edition. University of Georgia Cooperative Extension. (Extension Special Bulletin 28). a. 2017 revisions c. 2019 revisions e. 2021 revisions b. 2018 revisions d. 2020 revisions 6. Little, E. & Blaauw, B. Home Blueberry Disease and Insect Guide in Georgia Pest Management Handbook: Home & Garden. University of Georgia Cooperative Extension. (Extension Special Bulletin 28). a. 2017 revisions c. 2019 revisions e. 2021 revisions b. 2018 revisions d. 2020 revisions 5. Little, E. & Blaauw, B. Home Bramble Disease and Insect Guide in Georgia Pest Management Handbook: Home & Garden. University of Georgia Cooperative Extension. (Extension Special Bulletin 28). a. 2018 revisions c. 2020 revisions b. 2019 revisions d. 2021 revisions 4. Little, E. & Blaauw, B. Home Bunch Grape Disease and Insect Guide in Georgia Pest Management Handbook: Home & Garden. University of Georgia Cooperative Extension. (Extension Special Bulletin 28). a. 2018 revisions c. 2020 revisions b. 2019 revisions d. 2021 revisions 3. Little, E. & Blaauw, B. Home Strawberry Disease and Insect Guide in Georgia Pest Management Handbook: Home & Garden. University of Georgia Cooperative Extension. (Extension Special Bulletin 28). a. 2018 revisions c. 2020 revisions b. 2019 revisions d. 2021 revisions 2. Little, E. & Blaauw, B. Home Peach, Plum, and Nectarine (Stone Fruit) Disease and Insect Guide in Georgia Pest Management Handbook: Home & Garden. University of Georgia Cooperative Extension. (Extension Special Bulletin 28). a. 2017 revisions c. 2019 revisions e. 2021 revisions b. 2018 revisions d. 2020 revisions 1. Blaauw, B., Brannen, P., Lockwood, D., Schhnabel, G., and Ritchie, D. (Eds.) Southeastern Peach, Nectarine and Plum Pest Management and Culture Guide. University of Georgia Cooperative Extension. (Bulletin 1171). e. 2021 revisions

a. 2017 revisions c. 2019 revisions b. 2018 revisions f. 2022 revisions d. 2020 revisions

f. Additional extension publications (UGA 2, Total 2)

- 2. What is IPM? Factsheet published by the Entomological Society of America, 2017 (https://www.entsoc.org/sites/default/files/files/Science-Policy/ESA-Factsheet-IPM.pdf).
- 1. Schnabel, G., et. al. MyIPM Smartphone Application

(https://apps.bugwood.org/apps/myipmseries/). (Blaauw section editor, peaches and apples)

a. 2017 revisions

c. 2019 revisions

e. 2021 revisions

b. 2018 revisions

d. 2020 revisions

f. 2022 revisions

g. Popular press - Interviews (UGA 32, Total 32)

32. Reduce SWD to Protect Against Sour Rot. Specialty Crop Industry. September 5, 2022.

- 31. Peach Production: San Jose Scale Populations Down. Specialty Crop Industry. August 15, 2022.
- 30. Hot and Dry Weather: Spider Mites Thriving. Specialty Crop Industry. July 11, 2022.
- 29. Second Peak of San Jose Scale Activity Expected. Specialty Crop Industry. July 6, 2022.
- 28. Mating Disruptions for Grape Root Borer. Specialty Crop Industry. June 24, 2022.
- 27. San Jose Scale Management Begins Now. Specialty Crop Industry. April 28, 2022.
- 26. Weed Management Key to Grape Root Borer Control. Specialty Crop Industry. April 13, 2022.
- 25. Potential Solution for Grape Root Borers? Specialty Crop Industry. March 30, 2022.
- 24. Time for Peach Producers to Treat for Scale Insects. Specialty Crop Industry. February 24, 2022.
- 23. How to Protect Young Peaches from Plum Curculio. Specialty Crop Industry. February 17, 2022.
- 22. San Jose Scale Management: Horticultural Oil Applications Key for Peach Producers. *Specialty Crop Industry*. January 24, 2022.
- 21. Chemistry Rotation Needed to Protect Peaches Against Plum Curculio. *Specialty Crop Industry*. January 3, 2022.
- 20. Looming Deadline: EPA Ban of Chlorpyrifos Will Impact Peach Production. *Vegetable and Specialty Crop News*. December 23, 2021.
- 19. Chlorpyrifos Impact: Peach Producers to Feel Sting of EPA Decision. *Vegetable and Specialty Crop News*. August 30, 2021.
- 18. What's Happening? Fruit, Vegetable Crop Updates in South Carolina. *Vegetable and Specialty Crop News*. July 26, 2021.
- 17. San Jose Scale: Manage Peach Pest Now. Vegetable and Specialty Crop News. July 1, 2021.
- 16. Mite-y Problem: Spider Mites a Concern During Hot, Dry Conditions. *Vegetable and Specialty Crop News*. June 16, 2021.
- 15. Grape Root Borers Detected in North Georgia. *Vegetable and Specialty Crop News*. July 23, 2020.
- 14. SWD Management Key for Grape Producers. Vegetable and Specialty Crop News. July 13, 2020.
- 13. San Jose Scale Problem for Peach Producers. Vegetable and Specialty Crop News. July 3, 2020.
- 12. Root Borers a Danger to Grapes in the Southeast. *Vegetable and Specialty Crop News*. July 1, 2020.
- 11. Japanese Beetles Active in Georgia Vineyards. Vegetable and Specialty Crop News. June 8, 2020.
- 10. Clemson Experts Share Peach Research. Fruit Growers News. Mar. 5, 2020.
- 9. South Carolina Peaches Survive. Southeast Farm Press. Mar. 21, 2019.

- 8. Peach Pruning Improves San Jose Scale Control. *Vegetable and Specialty Crop News*. Jan. 24, 2019.
- 7. Reducing Sour Rot in Wine Grapes. Vegetable and Specialty Crop News. Jan. 15, 2019.
- 6. Spotted Wing Drosophila Spells Trouble for Grape Growers. *Vegetable and Specialty Crop News*. Aug. 15, 2018.
- 5. South Carolina peaches expected to rebound after difficult years. *Fruit Growers News*. May 31, 2018.
- 4. Q&A on managing insect pests in southeastern peach orchards for the 2018 season. *The Peach News*. February 1, 2018.
- 2. Peach farmers optimistic about 2018 after a disastrous 2017 crop. *CAES Media Newswire*. Feb. 1, 2018.
- 2. Research for Georgia Peach Growers. Vegetable and Specialty Crop News. Oct. 10, 2017.
- 1. Two specialists join Clemson Extension to help with fruit crops. *Clemson University The Newsstand*. Feb. 23, 2017.

2. Grants

3. Recognitions and outstanding achievements

- Fruit Growers News' Fruit + Vegetable 40 Under 40 Class of 2020. This award recognizes the next generation of agricultural leaders by honoring 40 outstanding, young individuals representing the US fruit or vegetable industries.
- The President's Prize. 2013. First place in Plant-Insect Ecosystems Section, Student Poster Contest for "Size does matter: larger patches of diverse floral resources increase insect pollinator density, diversity, and their pollination of native wildflowers" (co-author Rufus Isaacs). Entomological Society of America Annual Meeting, Austin, TX.
- The President's Prize. 2012. First place in Plant-Insect Ecosystems Section, Student Poster Contest for "Wildflower plantings for conservation biological control: Floral resources support natural enemies and their control of pests in adjacent crop fields" (co-author Rufus Isaacs). Entomological Society of America Annual Meeting, Knoxville, TN.
- The Robert J. O'Neil Outstanding PhD in Biological Control Award. 2012. International Organization for Biological Control Nearctic Regional Section.
- The Gordon Guyer Award. 2012. Michigan State University Department of Entomology; Recognition of outstanding accomplishments in extension.
- The President's Prize. 2010. First place in Plant-Insect Ecosystems Section, Student Poster Contest for "Response of natural enemies and their ecosystem services to wildflower planting size" (coauthor Rufus Isaacs). Entomological Society of America Annual Meeting, San Diego, CA.
- Western Michigan University Department of Biology Distinguished Graduate Student Award. 2008.

4. Presentations

- a. Invited seminars (UGA 6, Total 6)
 - 6. **Brett R. Blaauw**. Spring 2023. Improving IPM Strategies for Southeastern Fruit Production. Plant and Environmental Sciences Departmental Seminar, Clemson University, Clemson, SC.

- 5. **Brett R. Blaauw**. Fall 2020. Developing Sustainable Pest Management Programs for Southeastern Fruit Production. Entomology Departmental Seminar, Kansas State University, Manhattan, KS (virtual).
- 4. **Brett R. Blaauw**. Fall 2019. Building Sustainable Pest Management Programs for Southeastern Fruit Production. Entomology Departmental Seminar, Rutgers University, New Brunswick, NJ.
- 3. **Brett R. Blaauw**. Fall 2019. Developing IPM Programs for Southeastern Fruit Production. Plant Sciences Departmental Seminar, University of Missouri, Columbia, MO.
- 2. **Brett R. Blaauw**. Fall 2019. Developing Integrated, Ecosystem-based Pest Management Programs for Southeastern Fruit Production. Plant and Environmental Sciences Departmental Seminar, Clemson University, Clemson, SC.
- 1. **Brett R. Blaauw**. Spring 2017. Developing Management Strategies to Ensure the Sustainability of Fruit Production. Plant and Environmental Sciences Departmental Seminar, Clemson University, Clemson, SC.

b. Conference talks (UGA 53, Total 94)

- 94. Hoppers, A., Brannen, P., Breeden, S., **Blaauw, B.**, Breedlove, J., Malladi, A., Williams, J. (2022). Evaluation of extenday reflective groundcover for sour rot management in Chardonel and Cabernet Sauvignon wine grape production in the southeastern US. In *Southeastern Professional Fruit Workers Conference*. Lake Alfred, FL.
- 93. **Blaauw, B.**, & Shapiro-Ilan, D. (2022). Getting to the root of the problem: Entomopathogenic nematodes as management tools for grape root borer. In *2022 ESA, ESC, and ESBC Joint Annual Meeting*. Vancouver, British Columbia, Canada: Entomological Society of America.
- 92. Bailey, J., & **Blaauw**, **B**. (2022). Neonicotinoids in extrafloral nectar of peach. In *2022 ESA*, *ESC*, and *ESBC Joint Annual Meeting*. Vancouver, British Columbia, Canada.
- 91. Kaldor, A., **Blaauw, B.,** & Schmidt, J. (2022). Elucidating predatory arthropod biocontrol activity with molecular gut content analysis in response to pesticide management practices in peaches. In *2022 ESA, ESC, and ESBC Joint Annual Meeting*. Vancouver, British Columbia, Canada.
- 90. O'Connell, D., Schmidt, J., & **Blaauw, B.** (2022). Predators, prey, and peaches: Using molecular gut content analysis to untangle the food web of the Southeastern peach agroecosystem. In *2022 ESA, ESC, and ESBC Joint Annual Meeting*. Vancouver, British Columbia, Canada.
- 89. Chuang, A., Martini, X., Mallinger, R., **Blaauw, B**., Knox, G., & Diepenbrock, L. (2022). Wildflower plantings increase citrus grove pollinators. In *2022 ESA, ESC, and ESBC Joint Annual Meeting*. Vancouver, British Columbia, Canada: Entomological Society of America.
- 88. Hunter, J., **Blaauw, B.**, Rains, G., Severns, P., & Acebes-Doria, A. (2022). The impact of border type on insect diversity in peach orchards of Georgia, USA. In *2022 ESA, ESC, and ESBC Joint Annual Meeting*. Vancouver, British Columbia, Canada.
- 87. Williamson, Z., **Blaauw, B.**, Acebes, A., & Villanassery Joseph, S. (2022). Occurrence of flatheaded borers in Georgia specialty tree crops. In *ESA, ECA, ESBC Annual Meeting. Vancouver, Canada*. Vancouver, Canada.
- 86. **Blaauw, B.**, & Shapiro-Ilan, D. (2022). The future of grape root borer management post chlorpyrifos ban. In *Georgia Entomological Society Annual Meeting*. Jekyll Island, Georgia

- 85. Williamson, Z., **Blaauw, B.**, & Villanassery Joseph, S. (2022). Exploring risk factors for insect borer attack in Georgia's urban landscapes. In *Georgia Entomological Society Meeting. Jekyll Island, GA*. Jekyll Island, GA.
- 84. **Blaauw, B.,** & Shapiro-Ilan, D. (2022). Improving Grape Root Borer Management with Diversity and Entomopathogenic Nematodes. In *Entomological Society of America Southeastern Branch Annual Meeting*. San Juan, Puerto Rico.
- 83. Breedlove, J., & **Blaauw, B.** (2022). Flower visiting insects of North Georgia tree fruit. In 2022 Joint Entomological Society of America, Southeastern Branch and American Phytopathological Society, Caribbean Division Meeting.
- 82. Dittman, T., & **Blaauw**, **B.** (2022). Enhancing hedgerow systems in fruit tree production to improve beneficial insect diversity and abundance. In *Entomological Society of America Southeastern Branch Annual Meeting*. San Juan, Puerto Rico.
- 81. Kaldor, A., **Blaauw B.**, & Schmidt, J. (2022). Spatiotemporal and gut content analysis of beneficial arthropod predator communities in high input and low input peach orchards. In *Entomological Society of America Southeastern Branch Annual Meeting*. San Juan, Puerto Rico: Entomological Society of America Southeastern Branch.
- 80. O'Connell, D., **Blaauw, B.**, & Schmidt, J. (2022). Ground-dwelling predators in Georgia peaches and their responses to ground cover management. In *Entomological Society of America Southeastern Branch Annual Meeting*. San Juan, Puerto Rico: Entomological Society of America Southeastern Branch.
- 79. Bailey, J., & **Blaauw, B.** (2022). Flower visiting insects of Georgia peaches. In *Entomological Society of America Southeastern Branch Annual Meeting*. San Juan, Puerto Rico: Entomological Society of America Southeastern Branch
- 78. Liu, T. -C., & **Blaauw, B.** (2022). Relationship between plum curculio seasonal activity and peach volatiles. In *Entomological Society of America Southeastern Branch Annual Meeting*. San Juan, Puerto Rico: Entomological Society of America Southeastern Branch.
- 77. Williamson, Z., Blaauw, B., & Villanassery Joseph, S. (2022). Exploring risk factors for insect borer attack in Georgia's urban landscapes.. In *Southeastern Branch Meeting of Entomological Society of America*.
- 76. Villanassery Joseph, S., Monterrosa, A., **Blaauw, B.**, & Acebes, A. (2022). Refining the trapping methods for ambrosia beetles in woody nurseries. In *Southeastern Branch Meeting of Entomological Society of America*. San Juan, Puerto Rico.
- 75. **Brett R. Blaauw** and David Shapiro-Ilan. 2022. The future of grape root borer management post chlorpyrifos ban. Georgia Entomological Society Annual Meeting. Jekyll Island, GA.
- 74. **Brett R. Blaauw** and David Shapiro-Ilan. 2022. Improving grape root borer management with diversity and entomopathogenic nematodes. Entomological Society of America Southeastern Branch Annual Meeting. San Juan, Puerto Rico.
- 73. Tzu-Chin Liu and **Brett R. Blaauw**. 2022. Is the Ground-deployed Trap Practical for Plum Curculio Monitoring in Southeastern Peaches? Entomological Society of America Southeastern Branch Annual Meeting. San Juan, Puerto Rico.
- 72. Shimat Joseph, Alejandra Monterrosa, Angelita Acebes, **Brett R. Blaauw**. 2022. Refining the trapping methods for ambrosia beetles in woody nurseries. Entomological Society of America Southeastern Branch Annual Meeting. San Juan, Puerto Rico.
- 71. Jordan Bailey and **Brett R. Blaauw**. 2022. Flower visiting insects of Georgia peaches. Entomological Society of America Southeastern Branch Annual Meeting. San Juan, Puerto Rico.
- 70. Daniel O'Connell, Jason Schmidt, and **Brett R. Blaauw**. 2022. Ground-dwelling predators in Georgia peaches and their responses to ground cover management. Entomological

- Society of America Southeastern Branch Annual Meeting. San Juan, Puerto Rico.
- 69. Zia Williamson, **Brett R. Blaauw**, and Shimat Joseph. 2022. Exploring risk factors for insect borer attack in Georgia's urban landscapes. Entomological Society of America Southeastern Branch Annual Meeting. San Juan, Puerto Rico.
- 68. Tristen Dittman and **Brett R. Blaauw**. 2022. Enhancing hedgerow systems in fruit tree production to improve beneficial insect diversity and abundance. Entomological Society of America Southeastern Branch Annual Meeting. San Juan, Puerto Rico.
- 67. Amos Kaldor, Jason Schmidt, and **Brett R. Blaauw**. 2022. Spatiotemporal and gut content analysis of beneficial arthropod predator communities in high input and low input peach orchards. Entomological Society of America Southeastern Branch Annual Meeting. San Juan, Puerto Rico.
- 66. **Brett R. Blaauw**. 2021. Enhancing agricultural landscapes with floral habitat supports beneficial insects and farmers. Annual Meeting of the Entomological Society of America. Denver, CO.
- 65. Tzu-Chin Liu and **Brett R. Blaauw**. 2021. Seasonal activity of plum curculio in Southeastern peaches. Annual Meeting of the Entomological Society of America. Denver, CO.
- 64. Jamal Hunter, Paul Severns, Angelita Acebes-Doria, Glen Rains, and **Brett R. Blaauw**. 2021. Arthropod diversity within peach orchards in the Southeastern region of the United States. Annual Meeting of the Entomological Society of America. Denver, CO.
- 63. Jordan Bailey and **Brett R. Blaauw**. 2021. Investigating insecticide concentrations in peach extrafloral nectaries. Annual Meeting of the Entomological Society of America. Denver, CO.
- 62. Amos Kaldor, Jason Schmidt, and **Brett R. Blaauw**. 2021. Pollinator and flower visiting insect community comparison in high input conventional and low-input peach orchards. Annual Meeting of the Entomological Society of America. Denver, CO.
- 61. Amos Kaldor, Jason Schmidt, and **Brett R. Blaauw**. 2021. Evaluating predator communities in Georgia peach production. Entomological Society of America Southeastern Branch Annual Meeting (Virtual).
- 60. Alejandra Monterrosa, Angelita Acebes, **Brett R. Blaauw**, and Shimat Joseph. 2021. Effects of ethanol lure placement and age on ambrosia beetles (Coleoptera: Curculionidae). Entomological Society of America Southeastern Branch Annual Meeting (Virtual).
- 59. Tzu-Chin Liu and **Brett R. Blaauw**. 2021. Temporal and spatial distribution of plum curculio in southeastern peach orchards. Entomological Society of America Southeastern Branch Annual Meeting (Virtual).
- 58. **Brett R. Blaauw**. 2021. Advances in control of scale insects. Entomological Society of America Southeastern Branch Annual Meeting (Virtual).
- 57. David Shapiro-Ilan, Camila Oliveira-Hofman, **Brett R. Blaauw**, Dario Chavez, Larry Duncan, Ganpati Jagdale, and Ted Cottrell. 2020. Biocontrol with benefits: Control of peachtree borer with entomopathogenic nematodes. In Entomological Society of America's Annual Meeting. 2020 Entomology Virtual Annual Meeting
- 56. Robert McDougall, David Shapiro-Ilan, **Brett R. Blaauw**, and Anne Nielsen. 2020. Effectiveness of varying application rates of entomopathogenic nematode, *Steinernema riobrave*, in controlling plum curculio (*Conotrachelus nenuphar*) in peaches. In Entomological Society of America's Annual Meeting. 2020 Entomology Virtual Annual Meeting.
- 55. **Brett R. Blaauw**. 2020. Advances in sustainable management of San Jose scale in southeastern peach production. In Entomological Society of America's Annual Meeting. 2020 Entomology Virtual Annual Meeting.
- 54. Laura Avila, Shawnee Boyd, Selena Perrin, David Hofmann, Becky Griffin, **Brett Blaauw**, Berry Brosi, and Alexa McGrath. (2020). The impact of crop prophylactic bactericides on bee microbiome, foraging behavior, and pollination. In Entomological Society of

- America's Annual Meeting. 2020 Entomology Virtual Annual Meeting.
- 53. Daniel O'Connell and **Brett R. Blaauw**. 2020. Effect of ground cover management on epigeal predator communities in Georgia. In Entomological Society of America's Annual Meeting. 2020 Entomology Virtual Annual Meeting.
- 52. Dilani Patel, Glynn Tillman, Michael Toews, Ash Sial, and **Brett R. Blaauw**. 2020. Parasitism and predation rates of natural-laid eggs and sentinel eggs masses of brown marmorated stink bug, Halyomorpha halys (Stål) (Hemiptera: Pentatomidae), on Georgia blueberries. In *Entomological Society of America's Annual Meeting*. 2020 Entomology Virtual Annual Meeting.
- 51. Jordan Breedlove and **Brett Blaauw**. 2020. In-season application of horticultural oil to improve San Jose scale management in southeastern peaches. In Entomological Society of America's Annual Meeting. 2020 Entomology Virtual Annual Meeting.
- 50. **Brett R. Blaauw** and Tzu-Chin Liu. 2019. The not so peachy side of research in Southeastern fruit orchards. Annual Meeting of the Entomological Society of America. St. Louis, MO.
- 49. Glynn Tillman, Ash Sial, **Brett R. Blaauw**, David Buntin, Ted Cottrell, Shimat Joseph, Elijah Talamas, Michael Toews, and Katelyn Kesheimer. 2019. Parasitism and predation of *Halyomorpha halys* in woodlands, and orchard, vineyard, row, and vegetable crops in the southeastern US. Annual Meeting of the Entomological Society of America. St. Louis, MO.
- 48. Tzu-Chin Liu and **Brett R. Blaauw**. 2019. Assessment of plum curculio activity in Southeastern peach orchards. Annual Meeting of the Entomological Society of America. St. Louis, MO.
- 47. Sarah Hobby, Ash Sial, David Buntin, **Brett R. Blaauw**, Ted Cottrell, Shimat Joseph, Elijah Talamas, Glynn Tillman, and Michael Toews. 2019. Brown marmorated stink bug and its natural enemies in Georgia. Annual Meeting of the Entomological Society of America. St. Louis, MO.
- 46. Camila Oliveira-Hofman C, **Brett R. Blaauw**, Dario Chavez, Larry Duncan, Ganpati Jagdale, Greg Colson, Clive Bock, and David Shapiro-Ilan. 2019. Biocontrol with benefits: Enhancing sustainability by adding value. Annual Meeting of the Entomological Society of America. St. Louis, MO.
- 45. **Brett R. Blaauw**. 2019. Tackling a Large Scale Problem on a Small Scale in Georgia Peaches. Annual Southeastern Professional Fruit Workers Conference. Tifton, GA.
- 44. **Brett R. Blaauw**, Cain Hickey, and Phil Brannen. 2019. Integrated Strategies to Improve Management of Spotted Wing Drosophila and Sour Rot in Grapes. Georgia Entomological Society Annual Meeting, Cordele, GA.
- 43. **Brett R. Blaauw**. 2019. The scale of the problem: Evaluating IPM in southeastern peach production. Entomological Society of America Southeastern Branch Annual Meeting, Mobile, AL.
- 42. Glynn Tillman, Michael Toews, Ted Cottrell, **Brett R. Blaauw**, Ash Sial, David Buntin, and Rao Balusu. 2019. Biocontrol of brown marmorated stink bug in woodlands and crops in the Southeast. Entomological Society of America Southeastern Branch Annual Meeting, Mobile, AL.
- 41. **Brett R. Blaauw** and Glynn Tillman. 2018. A survey of *Halyomorpha halys* and its natural enemies in southeastern fruit production systems. Entomological Society of America's Annual Meeting. Vancouver, Canada.
- 40. Anne Nielsen and **Brett R. Blaauw.** 2018. Using protein markers to identify within field dispersal of brown marmorated stink bug. Entomological Society of America's Annual Meeting. Vancouver, Canada
- 39. Tzu-Chin Liu and **Brett R. Blaauw**. 2018. Evaluation of alternative materials for plum curculio management in peaches. Entomological Society of America's Annual Meeting. Vancouver, Canada.

- 38. Glynn Tillman, Michael Toews, Ted Cottrell, **Brett R. Blaauw**, Ash Sial, Rao Balusu, David Buntin, and Shimat Joseph. 2018. Predation and parasitism of egg masses of the brown marmorated stink bug in conventional and organic landscapes in the southeastern United States. Entomological Society of America's Annual Meeting. Vancouver, Canada.
- 37. **Brett R. Blaauw** and Glynn Tillman. 2018. A survey of BMSB and its natural enemies in southeastern fruit production systems. Annual Southeastern Professional Fruit Workers Conference. Manchester, TN.
- 36. Dilani Patel, **Brett R. Blaauw**, Michael Toews, Glynn Tillmann, and Ash Sial. 2018. Population distribution, host plants, and natural enemies of the brown marmorated stink bug, *Halymorpha halys* (Stål) (Hemiptera: Pentatomidae), in Georgia. Georgia Entomological Society Annual Meeting, Helen, GA.
- 35. **Brett R. Blaauw**, Rufus Isaacs, and Anne Nielsen. 2017. Flower power: Habitat management to support crop pollination and pest management. Annual Meeting of the Entomological Society of America. Denver, CO.
- 34. Anne Nielsen, **Brett R. Blaauw**, and Mike Toews. 2017. A recipe for detection: Using milk and eggs to track stink bug movement patterns. Annual Meeting of the Eastern Branch of the Entomological Society of America. Newport, RI.
- 33. **Brett R. Blaauw** and Anne Nielsen. 2017. MyIPM: Tracking brown marmorated stink bug movement and distribution within NJ peaches. Georgia Entomological Society Annual Meeting, Jekyll Island, GA.
- 32. **Brett R. Blaauw** and Anne Nielsen. 2017. IPM-CPR: Integrating pest management to protect the beneficials. Entomological Society of America Southeastern Branch Annual Meeting, Memphis, TN.
- 31. **Brett R. Blaauw**, George Hamilton, Cesar Rodriguez-Saona, and Anne Nielsen. 2016. When Stink Bugs React: Host Stimuli and the Brown Marmorated Stink Bug. International Congress of Entomology, Orlando, FL.
- 30. Tracy Leskey, William R. Morrison, Brent Short, Anne Nielsen, **Brett R. Blaauw**, Chris J. Bergh, and Greg Krawczyk. 2016. Evaluating an "attract and kill" system for the invasive brown marmorated stink bug in commercial apple orchards. Entomological Society of America Eastern Branch Annual Meeting (NEPPSC), Philadelphia, PA.
- 29. Clarissa Mathews, **Brett R. Blaauw**, and Anne Nielsen. 2016. Integrating pheromone traps in a trap crop system for managing stink bugs in organic pepper production. Entomological Society of America Eastern Branch Annual Meeting (NEPPSC), Philadelphia, PA.
- 28. **Brett R. Blaauw**, George Hamilton, Cesar Rogriguez-Saona, and Anne Nielsen. 2015. Making scents of brown marmorated stink bug host selection. Entomological Society of America Annual Meeting, Minneapolis, MN.
- 27. **Brett R. Blaauw**, Rufus Isaacs, and Anne Nielsen. 2015. The effect of native wildflower habitat on beneficial insects and their services. National Native Seed Conference, Santa Fe, NM.
- 26. **Brett R. Blaauw**, George Hamilton, Cesar Rogriguez-Saona, and Anne Nielsen. 2015.

 Understanding host choice to enhance the sustainablility of brown marmorated stink bug management. Entomological Society of America Eastern Branch Annual Meeting, Rehoboth Beach, DE.
- 25. **Brett R. Blaauw**. 2014. Within-farm plant diversity to enhance natural enemies and their services. Entomological Society of America Annual Meeting, Portland, OR.
- 24. **Brett R. Blaauw** and Rufus Isaacs. 2014. Enhancing floral resources for beneficial insects, ecosystem services, and farm revenue. Entomological Society of America Annual Meeting, Portland, OR.
- 23. Anne L. Nielsen, **Brett R. Blaauw**, and Dean Polk. 2014. Steps towards a systems-level approach to invasive species management for brown marmorated stink bug. Entomological Society of America Annual Meeting, Portland, OR.

- 22. **Brett R. Blaauw**, Dean Polk, and Anne L. Nielsen. 2014. Exploiting dispersal behavior: A more sustainable approach for managing brown marmorated stink bug. Entomological Society of America Eastern Branch Annual Meeting, Williamsburg, VA.
- 21. Anne L. Nielsen, **Brett R. Blaauw**, and Dean Polk. 2014. IPM CPR: The application of behaviorally-based strategies for successful management of BMSB in peach. Orchard Pest and Disease Management Conference. Portland, Oregon.
- 20. **Brett R. Blaauw**, Anne L. Nielsen, and John Pote. 2013. Natural Enemies, Row Cover, and Trap Crops for Stink Bug Management. Penn State Extension: Organic Vegetable Intensive-Insects and Winter Greens. Dec. 5, 2013.
- 19. **Brett R. Blaauw** and Rufus Isaacs. 2013. The good bugs: who they are, what they do, and how to support them. Great Lakes Trade Exposition, Grand Rapids, MI.
- 18. **Brett R. Blaauw**, Dean Polk, and Anne L. Nielsen. November 2013. Behaviorally-based reduced input management for brown marmorated stink bug in peach. Entomological Society of America Annual Meeting, Austin, TX.
- 17. Rufus Isaacs, **Brett Blaauw**, and Emily May. 2013. Pollinator habitat restoration in managed lands: does it increase bees and crop yield, and can that further encourage restoration? Fifth World Conference on Ecological Restoration. Madison, WI.
- 16. Rufus Isaacs, **Brett R. Blaauw**, Julianna K. Tuell, Emily May, Neal M. Williams, Kimiora Ward, Jaret C. Daniels, and Akers Pence. 2012. Taking pollination ecosystem services to the farm: Development of habitat management practices to support sustainable food production. Ecological Society of America Annual Meeting, Portland, OR.
- 15. **Brett R. Blaauw** and Rufus Isaacs. 2012. Supporting pollination of perennial fruit crops using wildflower plantings: progress and challenges. Entomological Society of America Annual Meeting, Knoxville, TN.
- 14. Rufus Isaacs, **Brett R. Blaauw**, Julianna K. Tuell, Emily May, and Keith Mason. 2012. Supporting pollinator and natural enemy diversity for sustainable fruit production: testing tactics on farm. Entomological Society of America Annual Meeting, Knoxville, TN.
- 13. Mary Gardiner, Megan Woltz, and **Brett R. Blaauw**. 2012. Natural enemies for high tunnel production. 2012 Minnesota Statewide High Tunnel/Season Extension Conference, Baxter, MN.
- 12. **Brett R. Blaauw** and Rufus Isaacs. 2012. The effect of native wildflower planting size on beneficial insects and their ecosystem services. The Stewardship Network's 2012 Science, Practice & Art of Restoring Ecosystems Conference, East Lansing, MI. Oral presentation.
- 11. **Brett R. Blaauw**. 2011. Sharing the wonderful world of insects via the Internet. Entomological Society of America Annual Meeting, Reno, NV.
- 10. Rufus Isaacs, Julianna Tuell, and **Brett R. Blaauw**. 2011. Habitat manipulation to support integrated crop pollination. Entomological Society of America Annual Meeting, Reno, NV.
- 9. **Brett R. Blaauw** and Rufus Isaacs. 2011. How does wildflower planting size affect insect pollinators and their delivery of pollination ecosystem services? Entomological Society of America Annual Meeting, Reno, NV.
- 8. **Brett R. Blaauw** and Rufus Isaacs. 2011. Variation in natural enemies and biological control with the size of native wildflower plantings. Royal Entomological Society Ento'11, Chatham, UK.
- 7. **Brett R. Blaauw** and Rufus Isaacs. 2011. Response of natural enemies and their ecosystem services to wildflower planting size. Michigan State University Graduate Academic Conference, East Lansing, MI.

- 6. **Brett R. Blaauw** and Rufus Isaacs. 2011. Response of natural enemies and their ecosystem services to wildflower planting size. Plant Science Graduate Student Research Symposium at Michigan State University, East Lansing, MI.
- 5. **Brett R. Blaauw** and Rufus Isaacs. 2011. Response of natural enemies and their ecosystem services to wildflower patch size. Entomological Society of America North Central Branch Annual Meeting, Minneapolis, MN.
- 4. **Brett R. Blaauw** and Rufus Isaacs. 2010. Response of natural enemies and their ecosystem services to wildflower planting size. Entomological Society of America Annual Meeting, San Diego, CA.
- 3. **Brett R. Blaauw** and Stephen B. Malcolm. 2010 Density-dependent dynamics of plant defense through three trophic levels: milkweeds, aphids & coccinellids Plant Science Graduate Student Research Symposium at Michigan State University, East Lansing, MI.
- 2. Nathanial J. Walton, **Brett Blaauw**, Anna K. Fiedler, and Rufus Isaacs. 2010. Native plants for conservation of beneficial insects: trials and tribulations on Michigan farms. Entomological Society of America North Central Branch Annual Meeting, Louisville, KY.
- 1. Stephen B. Malcolm, John J. Couture and **Brett R. Blaauw**. 2008. Dynamics and impact of chemical defense expression in a plant-aphid-coccinellid interaction. International Congress of Entomology meeting, Durban, South Africa.

c. Poster presentations (UGA 5, Total 11)

- 11. Daniel O'Connell, **Brett R. Blaauw**, and Jason Schmidt. 2021. Impacts of ground cover management on natural enemy communities in Georgia peach orchards. Annual Meeting of the Entomological Society of America. Denver, CO (Virtual).
- Angela Chuang, Xavier Martini, Brett R. Blaauw, Rachel Mallinger, and Lauren
 Diepenbrock. 2021. Enhancing citrus windbreak habitat attractiveness to pollinators and
 predators via insectary plantings. Annual Meeting of the Entomological Society of
 America. Denver, CO (Virtual).
- 9. Daniel O'Connell, **Brett R. Blaauw**, and Jason Schmidt. 2021. Effects of ground cover management on epigeal natural enemies in Georgia peach orchards. In Entomological Society of America Southeastern Branch Annual Meeting (Virtual).
- 8. Dilani Patel, **Brett R. Blaauw**, Michael Toews, Glynn Tillman, and Ash Sial. 2019. Seasonal population distribution and monitoring trap optimization of brown marmorated stink bug, *Halyomorpha halys* (Stål) (Hemiptera: Pentatomidae) in Georgia. St. Louis, MO.
- 7. **Brett R. Blaauw** and Guido Schnabel. 2018. MyIPM: Assisting fruit growers through technology. Georgia Entomological Society Annual Meeting, Helen, GA.
- 6. **Brett R. Blaauw** and Anne Nielsen. 2016. Supporting natural enemies and their services with native wildflowers. Entomological Society of America Eastern Branch Annual Meeting (NEPPSC), Philadelphia, PA.
- 5. **Brett R. Blaauw** and Rufus Isaacs. November 2013. Size does matter: larger patches of diverse floral resources increase insect pollinator density, diversity, and their pollination of native wildflowers. Entomological Society of America Annual Meeting, Austin, TX.
- 4. **Brett R. Blaauw** and Rufus Isaacs. 2013. Wildflower plantings for conservation biological control: floral resources support natural enemies and their control of pests in adjacent crop fields. The Stewardship Network's 2013 Science, Practice & Art of Restoring Ecosystems Conference, East Lansing, MI.
- 3. **Brett R. Blaauw** and Rufus Isaacs. 2012. Wildflower plantings for conservation biological control: floral resources support natural enemies and their control of pests in adjacent crop fields. Entomological Society of America Annual Meeting, Knoxville, TN.

- 2. **Brett R. Blaauw** and Stephen B. Malcolm. 2005. Depression of a coccinellid functional response to an aphid by sequestered plant chemical defenses. Ecological Society of America Annual Meeting, Montreal, Canada.
- 1. **Brett R. Blaauw** and Stephen B. Malcolm. 2009. Density-dependent dynamics of plant defense through three trophic levels: milkweeds, aphids & coccinellids. Entomological Society of America Annual Meeting, Indianapolis, IN.

IV. PUBLIC SERVICE

1. Extension (UGA 68, Total 74)

a. International

1. **Brett R. Blaauw.** The Biology and Management Options for Thrips in Stone Fruit. Annual Ontario Fruit and Vegetable Convention. February 21, 2019, Niagara, Ontario, Canada.

b. Regional or state

- 74. **Brett R. Blaauw.** Alternatives to Lorsban for San Jose Scale & Peach Tree Borers. 2023 Annual SC Ridge Peach Production Meeting. January 26, 2023, Edgefield, SC.
- 73. **Brett R. Blaauw.** Insect Pest Management Update. 2023 North Georgia Apple Production Meeting. February 8, 2023, Ellijay, GA.
- 72. **Brett R. Blaauw.** Alternatives to Chlorpyrifos for Managing San Jose Scale & Peach Tree Borers. 2023 Annual Upstate SC Peach Production Meeting. February 7, 2023, Fort Valley, GA.
- 71. **Brett R. Blaauw.** Insect Pest Management: OFM, Scale, and Borers. 2023 Annual Upstate SC Peach Production Meeting. January 26, 2023, Lyman, SC.
- 70. **Brett R. Blaauw.** Alternatives to Chlorpyrifos for Managing San Jose Scale & Peach Tree Borers. Southeast Regional Fruit and Vegetable Conference. January 7, 2023, Savannah, GA.
- 69. **Brett R. Blaauw.** OFM and Scale Management & Alternatives to Lorsban. Clemson's Statewide Virtual Peach Meeting. March 10, 2022. (virtual)
- 68. **Brett R. Blaauw.** Insect Pest Management Update: Loss of Chlorpyrifos. Upstate South Carolina Apple and Peach Grower Meeting. March 8, 2022. (virtual)
- 67. **Brett R. Blaauw** and Phill Brannen. Wine Grape Spray Schedule Workshop. March 2, 2022, Dahlonega, GA.
- 66. **Brett R. Blaauw** and Phill Brannen. Wine Grape Spray Schedule Workshop. February 23, 2022, Ellijay, GA.
- 65. **Brett R. Blaauw.** PC Trials and Alternatives to Lorsban. 2022 Ridge Peach Production Grower Meeting. February 15, 2022, Edgefield, SC.
- 64. **Brett R. Blaauw.** Apple Insect Pest Management Update. 2022 North Georgia Apple Production Meeting. February 10, 2022, Ellijay, GA.
- 63. **Brett R. Blaauw.** Scale Management and Alternatives to Lorsban. Middle Georgia Peach Update. February 3, 2022, Fort Valley, GA.
- 62. **Brett R. Blaauw.** Scale Management and Alternatives to Lorsban. North Carolina Peach Growers' Annual Meeting. January 25, 2022, Carthage, NC.
- 61. **Brett R. Blaauw.** Insect Pest Management Update from 2021. Southeast Regional Fruit and Vegetable Conference. January 7, 2022, Savannah, GA.
- 60. Brett R. Blaauw. Entomology 2021. Vineyard Workshop. August 3, 2021, Ellijay, GA.
- 59. **Brett R. Blaauw.** Peachy Un-keen: Backyard Pest Management of Peaches. University of Georgia Extension Northwest District ANR Update. May 6, 2021, Griffin, GA.
- 58. **Brett R. Blaauw.** Insect pest update 2021. Commercial Grape IPM Meeting. February 25, 2021, Dahlonega, GA (virtual).

- 57. **Brett R. Blaauw.** Apple Insect Pest Management Update. 2021 North Georgia Apple Production Meeting. February 16, 2021, Ellijay, GA (virtual).
- 56. **Brett R. Blaauw.** Insect Pest Management Update. 2021 South Carolina Peach Production Meeting. February 11, 2021, Edgefield, SC (virtual).
- 55. **Brett R. Blaauw.** Stink Bugs: Monitoring and Management Recommendations. Chilton Area Peach Production Meeting. January 26, 2021, Chilton County, AL (virtual).
- 54. **Brett R. Blaauw.** Insect Pest Management Update. Annual Georgia Commercial Peach Production Meeting. January 11, 2021, Fort Valley, GA (virtual).
- 53. **Brett R. Blaauw.** Advances in horticultural oil use in the management of San Jose scale. Southeast Regional Fruit and Vegetable Conference. January 7, 2021, Savannah, GA (virtual).
- 52. **Brett R. Blaauw.** Grape Spray Program Design Workshop Insect Pest Management. March 5, 2020, Dahlonega, GA.
- 50. **Brett R. Blaauw.** Grape Spray Program Design Workshop Insect Pest Management. March 3, 2020, Carrollton, GA.
- 50. **Brett R. Blaauw.** Thrips and Scale Management Update. 2020 Ridge Peach Production Meeting. February 20, 2020, Edgefield, SC.
- 49. **Brett. R. Blaauw.** San Jose Scale Management Update. Annual Georgia Commercial Peach Production Meeting. February 19, 2020, Byron, GA.
- 48. Phil Brannen and **Brett R. Blaauw.** Train the Trainer Grape Spray Program Design Workshop. Extension agent training. February 18, 2020, Blairsville, GA.
- 47. **Brett R. Blaauw.** Insect Pest Management Update. 2020 North Georgia Apple Production Meeting. February 17, 2020, Ellijay, GA.
- 46. **Brett. R. Blaauw.** Insect Pest Management Update. Annual Upstate SC Commercial Peach Production Meeting. January 23, 2020, Chesnee, SC.
- 45. **Brett. R. Blaauw.** Insect Pest Update and Forecast for the 2020 Season. Southeast Regional Fruit and Vegetable Conference. January 10, 2020, Savannah, GA.
- 44. Phil Brannen, Glen C. Rains, and **Brett. R. Blaauw.** Optimizing Grape IPM through cultural management, sprayer selection, calibration and use for production and on-farm research trials. Extension Agent Training. August 14, 2019, Blairsville, GA.
- 43. **Brett R. Blaauw.** Development of IPM Strategies to Improve Management of Spotted Wing Drosophila and Sour Rot in Grapes. 2019 Southern Winegrape Symposium. June 8, 2019, Carrolton, GA.
- 42. **Brett R. Blaauw.** Current and Emerging Fruit Pests in Georgia. UGA ANR Hour Webinar Series. May 9, 2019.
- 41. **Brett R. Blaauw.** Timely seasonal insect management in vineyards. 2019 Seasonal Vineyard and Pest Management Conference. March 19, 2019, Ellijay, GA.
- 40. **Brett R. Blaauw.** Update on Scale Insect Management in Tree Fruit. Annual Upstate SC Fruit Meeting. March 12, 2019, Walhalla, SC.
- 39. **Brett R. Blaauw.** Insect Pests of Peach Update. 2019 Ridge Peach Production Meeting. February 25, 2019, Edgefield, SC.
- 38. **Brett R. Blaauw.** Insect Pest Management Update. 2019 North Georgia Apple Production Meeting. February 14, 2019, Ellijay, GA.
- 37. **Brett. R. Blaauw.** Insect Pest Management Update: San Jose scale. Annual Georgia Commercial Peach Production Meeting. February 7, 2019, Reynolds, GA.
- Brett R. Blaauw, Cain Hickey, and Phil Brannen. Development of IPM Strategies to Improve Management of Spotted Wing Drosophila and Sour Rot in Grapes. 2019 Georgia Wine Producers Conference. February 5, 2019, Braselton, GA.
- 35. **Brett. R. Blaauw.** Insect Pest Management Update. Annual Upstate SC Commercial Peach Production Meeting. January 22, 2019, Chesnee, SC.

- 34. **Brett. R. Blaauw.** Insect Pest Update and a Forecast for the 2019 Season. Southeast Regional Fruit and Vegetable Conference. January 11, 2019, Savannah, GA.
- 33. **Brett R. Blaauw.** Southeastern Peach Pests. 2018 Brooks County Peach Meeting. December 6, 2018, Quitman, GA.
- 32. **Brett R. Blaauw.** Insect Pest Management in Southeastern Grape Production. Commercial Small Fruit Workshop. University of Georgia Extension, Gordon County Agricultural Service Center. September 19, 2018, Calhoun, GA.
- 31. **Brett R. Blaauw.** Introduction to Grape Insects. Grape IPM: Managing Insect Pests and Diseases in Georgia SES-020578. August 16, 2018, Blairsville, GA.
- 30. **Brett R. Blaauw.** Insect management in muscadine vineyards. Muscadine Conference, Wolf Creek Plantation Winery. July 26, 2018, Americus, GA.
- 29. **Brett R. Blaauw.** Common Insects of Southern Winegrapes, 2018 Southern Winegrape Symposium. June 9, 2018, Carrolton, GA.
- 28. **Brett R. Blaauw.** Insect Pests of Vineyards. Vineyard pest management and spray schedule workshop. UGA Extension, Stonewall Creek Vineyards. March 14, 2018, Tiger, GA.
- 27. **Brett R. Blaauw.** An Introduction to Ambrosia Beetles and Their Management. 2018 North Georgia Apple Production. February 21, 2018, Ellijay, GA.
- 26. **Brett R. Blaauw.** Insect Pest Management in Southeastern Peaches. 'Getting Back to Basics' 2018 Georgia Peach Production Meeting. February 20, 2018, Byron, GA.
- 25. **Brett R. Blaauw.** 2018 Insect Pest Update. 2018 Peach Update SC Ridge Peach Production. February 19, 2018, Edgefield, SC.
- 24. **Brett R. Blaauw**. Insect Pests of Peaches. Training Session SES-020880: 'Homeowner Peach Production' February 5, 2018, Griffin, GA.
- 23. **Brett R. Blaauw**. Insect Pests of Fruit Trees. Master Gardener Extension Volunteers Advanced Training: Home Orchard Management. February 1, 2018, Woodstock, GA.
- 22. **Brett. R. Blaauw** and Guido Schnabel. MyIPM Smartphone App: What's New? Southeast Regional Fruit and Vegetable Conference. January 13, 2018, Savannah, GA.
- 21. **Brett. R. Blaauw.** Insect Pests and What to Expect for 2018. Southeast Regional Fruit and Vegetable Conference. January 12, 2018, Savannah, GA.
- 20. **Brett. R. Blaauw.** Insect Pest Management Update: What We Learned in 2017. Southeast Regional Fruit and Vegetable Conference. January 12, 2018, Savannah, GA.
- 19. **Brett. R. Blaauw.** Introducing the New and Improved MyIPM App. 2018 Southeastern Apple Growers Meeting. January 10, 2018, Ashville, NC.
- 18. **Brett R. Blaauw**. Grape Insect Pest Update. Post-harvest wine grape grower roundtable discussion. November 1, 2017, Dahlonega, GA.
- 17. **Brett R. Blaauw.** IPM in Southeastern IPM. Management of Diseases and Insects of Peach (SES-019156). June 21, 2017, Fort Valley, GA.
- 16. **Brett. R. Blaauw.** Insect Pest Management in Southern Winegrapes. 2017 Southern Winegrape Symposium. June 10, 2017, Carrolton, GA.
- 15. **Brett. R. Blaauw.** Insect Pest Management Update in Winegrapes. Vineyard Issues: Diseases, Pests, Nutrition, and Quality Management, March 10, 2017, Dahlonega, GA.
- Brett R. Blaauw. Key Pests and Management Strategies for GA Grapes. Vineyard nutrition and pest management - ANR Extension Agent Training Conference. March 10, 2017, Perry, GA.
- 13. **Brett. R. Blaauw.** Insect Pests of Peaches. 2017 Peach Update SC Ridge Peach Production. February 9, 2017, Edgefield, SC.
- 12. **Brett R. Blaauw.** Insect Pest Update for Apples. 2017 North Georgia Apple Meeting, February 2, 2017, Ellijay, GA.
- 11. **Brett R. Blaauw.** Southern Peach Insect Pests: Monitoring and Management Recommendations. 2017 Upstate SC Commercial Peach Production Meeting. January 26, 2017, Gaffney, SC.

- 10 **Brett R. Blaauw.** Peach and Apple Insect Pest Management. Oconee County Fruit Grower Meeting. January 26, 2017, Walhalla, SC.
- 9. **Brett. R. Blaauw.** The Ins and Outs of Exporting Peaches to Mexico. Southeast Regional Fruit and Vegetable Conference. January 6, 2017, Savannah, GA.
- 8. **Brett. R. Blaauw.** The Scale of the Problem: The Current State of Scale Management in Southeastern Peach Production. Southeast Regional Fruit and Vegetable Conference. January 6, 2017, Savannah, GA.
- 7. **Brett R. Blaauw**. Management of Spotted Wing Drosophila and Mites in Grapes. Postharvest wine grape grower roundtable discussion. August 17, 2016, Dahlonega, GA.
- 6. **Brett R. Blaauw** and Rufus Isaacs. 2012. Using native wildflowers to enhance natural enemies and biological control in outdoor production yards. University of Massachusetts Extension Program: Attracting and Conserving Natural Enemies in Plant Production Yards and Greenhouses, Sturbridge, MA.
- 5. **Brett R. Blaauw**. 2012. Conserving natural enemies: taking advantage of the natural enemies that are already in your outdoor production yards. University of Massachusetts Extension Program: Attracting and Conserving Natural Enemies in Plant Production Yards and Greenhouses, Sturbridge, MA.
- 4. **Brett R. Blaauw** and Rufus Isaacs. 2012. The use of wildflower plantings to conserve beneficial insects in Michigan tree fruit. Northwest Michigan Orchard and Vineyard Show, Acme, MI.
- 3. **Brett R. Blaauw** and Rufus Isaacs. 2012. Managing natural enemies in agricultural systems. Great Lakes Fruit, Vegetable and Farm Market EXPO, Grand Rapids, MI. Oral presentation.
- Brett R. Blaauw and Rufus Isaacs. 2011. Enhancing natural enemies in crops using flowering plants. Great Lakes Fruit, Vegetable and Farm Market EXPO, Grand Rapids, MI.
- 1. **Brett R. Blaauw** and Rufus Isaacs. 2011. Conserving native bees in blueberry and other small fruit. Great Lakes Fruit, Vegetable and Farm Market EXPO, Grand Rapids, MI.

2. Local community services and relations (UGA 11, Total 11)

- 11. **Brett R. Blaauw.** Agricultural Entomology Peach Extension. Science Education Entomology: Oconee County Middle School. October 20-21, 2022, Watkinsville, GA.
- 10. **Brett R. Blaauw.** Peach Entomology Brown Marmorated Stink Bugs. University of Georgia's *Insectival*. September 17, 2022, Athens, GA.
- 9. **Brett R. Blaauw.** Agricultural Entomology Peach Extension. Science Education Entomology: Oconee County Middle School. October 21, 2021, Watkinsville, GA.
- 8. **Brett R. Blaauw.** From Bees to Beetles: Supporting Backyard Beneficial Insects. Houston County Master Gardener's Spring Meeting. April 6, 2021 (virtual).
- 7. **Brett R. Blaauw.** Peach Entomology Brown Marmorated Stink Bugs. University of Georgia's *Insectival*. September 29, 2019, Athens, GA.
- 6. **Brett R. Blaauw.** Agricultural Entomology Peach Extension. Science Education Entomology: Oconee County Middle School. September 5, 2019, Watkinsville, GA.
- 5. **Brett R. Blaauw.** Agricultural Entomology Peach Extension. Science Education Entomology: Oconee County Middle School. November 1, 2018, Watkinsville, GA.
- 4. **Brett R. Blaauw.** Agricultural Entomology Peach Extension. Science Education Entomology: Oconee County Middle School. October 16, 2018, Watkinsville, GA.
- 3. **Brett R. Blaauw.** Agricultural Entomology Peach Extension. Science Education Entomology: Oconee County Middle School. October 17, 2017, Watkinsville, GA.
- 2. **Brett R. Blaauw.** Agricultural Entomology Peach Extension. Science Education Entomology: Oconee County Middle School. September 19, 2017, Watkinsville, GA.

1. **Brett R. Blaauw.** UGA Peach Entomology and the Importance of Insects. Kids R Kids, April 28, 2017, Watkinsville, GA.

V. PROFESSIONAL SERVICE

1. Service to professional societies

a. National

- Entomological Society of America, ESA Strategy Day. Association workshop to deconstruct and discuss the regional needs of entomologists. July 19, 2021. (virtual)
- USDA-NIFA Agriculture and Food Research Initiative Critical Agriculture Research and Extension program. 2021 Grant Review Panelist. August 11, 2020. (virtual)
- USDA-NIFA Agriculture and Food Research Initiative Critical Agriculture Research and Extension program. 2020 Grant Review Panelist. January 21-23, 2020. (virtual)

b. Regional

- Southern Region Small Fruits Consortium. Steering Committee member. Nov. 29, 2021–present Entomological Society of America Southeastern Branch. Entomological Society of America Southeastern Branch, Secretary Treasurer, March 10, 2020–March 1, 2023.
- Entomological Society of America Southeastern Branch. 2020 Entomological Society of America Southeastern Branch and Eastern Branch Joint Meeting in Atlanta, GA Local Arrangements Committee (Chair), May 7, 2018–March 28, 2020.
- Entomological Society of America Southeastern Branch. 2020 Entomological Society of America Southeastern Branch and Eastern Branch Joint Meeting Location/Time Committee (Chair), January 9, 2017–May 7, 2018.

c. State

- Georgia Entomological Society. GES 2020 Local Arrangements Committee, April 7, 2019– April 10, 2020.
- Georgia Entomological Society. GES 2018 Local Arrangements (Chair), April 7, 2017– April 5, 2018.
- Georgia Entomological Society. GES 2018 Site Selection Committee (Member), April 7, 2017–April 5, 2018.
- Georgia Entomological Society. GES 2017 Resolutions Committee (Member), March 5 March 6, 2017.

2. Editorships

a. International

Review Editor for Pest Management, Frontiers in Agronomy, January 17, 2020-Present.

b. National

MyIPM Smartphone Application, (Software), October 11, 2016–Present.

c. Regional

- Southeast Regional Bunch Grape Integrated Management Guide, Southeast Region Small Fruits Consortium (Management guide, Extension Special Bulletin (46)), August 2, 2017–*Present*.
- Southeast Regional Muscadine Grape Integrated Management Guide, Southeast Region Small Fruits Consortium (Management guide, Extension Special Bulletin (46)), August 2, 2017–

 Present.
- Southeastern Peach, Nectarine and Plum Pest Management and Culture Guide (Bulletin (1171)), November 7, 2016–*Present*

d. State

- Home Apple and Pear Disease and Insect Guide (Extension Special Bulletin (28)), November 7, 2016–*Present*.
- Home Blueberry Disease and Insect Guide (Extension Special Bulletin (28)), November 7, 2016– *Present*.

- Home Bramble Disease and Insect Guide (Extension Special Bulletin (28)), November 7, 2016–*Present*.
- Home Bunch Grape Disease and Insect Guide (Extension Special Bulletin (28)), November 7, 2016–*Present*.
- Home Peach, Plum, and Nectarine (Stone Fruit) Disease and Insect Guide (Extension Special Bulletin (28)), November 7, 2016–*Present*.
- Home Strawberry Disease and Insect Guide (Extension Special Bulletin (28)), November 7, 2016–

 Present.

3. Ad hoc manuscript reviewer

- 2022: 5 peer-reviewed manuscripts
- 2021: 5 peer-reviewed manuscripts
- 2020: 4 peer-reviewed manuscripts
- 2019: 6 peer-reviewed manuscripts
- 2018: 6 peer-reviewed manuscripts
- 2017: 11 peer-reviewed manuscripts
- 2016: 8 peer-reviewed manuscripts