

CURRICULUM VITAE

Timothy L. Grey

Professor of Crop and Soil Science

University of Georgia

Academic Record:

<u>Degree</u>	<u>Institution</u>	<u>Major Field</u>	<u>Year</u>
B.S.	University of Kentucky	Agronomy	1986
M.S.	Auburn University	Agronomy & Weed Science	1992
Ph.D.	Auburn University	Agronomy & Weed Science	1996

Academic Positions:

<u>Year</u>	<u>Organization</u>	<u>Position</u>
1984	University of Kentucky - Extension	Integrated Pest Management Scout
1991 - 92	Auburn University - Research	Graduate Research Assistant
1994 - 96	Auburn University - Research	Graduate Research Assistant
1998 - 2002	University of Georgia - Research	Assistant Research Scientist - Weed Science
2002 - 2013	University of Georgia - Research/Teaching	Assistant & Associate Professor - Weed Science
2013 - present	University of Georgia - Research/Teaching	Professor - Weed Science

Administrative Positions:

<u>Year</u>	<u>Organization</u>	<u>Position</u>
2013- present	University of Georgia, Tifton Campus	Res/Ext/Inst Coordinator, Crop & Soil Sci Dept
2013- present	Crop & Soil Sci. Dept., UGA	Executive Council Member
2015- 2018	University of Georgia, Athens Campus	University Council Member
2017- present	University of Georgia	UGA Athletic Association Board Member
2016- present	University of Georgia, Athens Campus	Faculty Affairs Committee, Chair 2019-2020

List of Private Positions:

<u>Year</u>	<u>Organization</u>	<u>Position</u>
1985-1986	ICI of America - New Haven KY	Research Intern - Weed Science
1987-1990, 1993	Self-employed - Cecilia KY	Farmer
1997	Monsanto Corporation - KY	Consultant - Biotechnology Weed Science

Organizational Memberships

- International**
 - International Weed Science Society
- National**
 - Weed Science Society of America
 - American Peanut Research and Education Society
- Regional**
 - Southern Weed Science Society
- State and local**
 - Georgia Crop Production Alliance
 - Georgia Farm Bureau

AREAS OF RESEARCH

- Herbicide dissipation from soil and polyethylene mulch covers used in vegetable production
- Physiological crop and weed growth and development, and responses to herbicides in field, greenhouse, and laboratory experiments
- Using rotational practices for the production of field and vegetable crops

Book Chapters (10)

- Leon R, Jordan D, Grichar J, Johnson, III CJ, Morichetti S, Dotray P, Prostko E, **Grey TL** (2020) Biology and management of weeds in peanut *in* 2019 Peanut Science book, Chris Liebold, Ed. (submitted)
- Grey TL** (2020) Crop and weed management in peanuts *in* *Special Topics Advances in Peanut Production* Rouverson Pereira da Silva, Ed. (submitted)
- Pilon C, Monfort WS, **Grey TL** (2020) Physiology of peanut seed maturation and factors affecting vigor of seeds and seedlings *in* *Special Topics Advances in Peanut Production* Rouverson Pereira da Silva, Ed.

- (submitted)
4. **Grey TL**, Chen CY, Nuti R, Monfort WS, Cutts, III GS (2017) Characterization of the genotype by planting date effects on runner-type peanut seed germination and vigor response to temperature in *Advances in Seed Biology*, Jimenez-Lopez J, Ed. <https://cdn.intechopen.com/pdfs-wm/56828.pdf>
 5. **Grey TL**, Newsom LJ (2017) Winter wheat response to weed control and residual herbicides in *Wheat*, Wanyera R and Owuochi J, Ed (191-209) <https://cdn.intechopen.com/pdfs-wm/54122.pdf>
 6. **Grey TL**, Webster TM (2015) Evaluation of non-fumigant pesticides as methyl bromide alternatives for managing weeds in vegetables in *Herbicides, Agronomic Crops and Weed Biology*, Andrew Price, Ed (73-94) <http://cdn.intechopen.com/pdfs-wm/49441.pdf>
 7. **Grey TL**, Webster TM (2013) Cotton response to pendimethalin formulation, timing, and method of applications in *Herbicides - Current Research and Case Studies in Use*, Andrew Price, Ed 27-46 <http://cdn.intechopen.com/pdfs-wm/44965.pdf>
 8. **Grey TL**, Webster TM (2012) Transplant Production in *Peppers*, Vince Russo, Ed 87-99.
 9. Vencill WK, **Grey TL**, Culpepper AS (2010) Resistance of plants to herbicides in *Herbicides and Environment*, Andreas Kortekamp, Ed. 585-594 <http://cdn.intechopen.com/pdfs-wm/12687.pdf>
 10. **Grey TL**, Vencill WK (2010) Residual herbicide dissipation in vegetable production in *Herbicides, Theory, and Applications*, Sonia Soloneski and Marcelo Larramendy, Ed. pp. 309-324 <http://cdn.intechopen.com/pdfs-wm/13145.pdf>

Refereed Journal Articles (136) (graduate student research - *, advisor; ** committee member/coordinator)

1. **Byrd S, Snider JL, **Grey TL**, Culpepper AS, Whitaker JR, Roberts PM, Chastain D, Porter WM, Collins GD (2020) Chlorophyll A fluorescence parameters do not detect yield-limiting injury from sub-lethal rates of 2,4-dichlorophenoxyacetic acid (2,4-D) in cotton. *J Experimental Agriculture International*: accepted
2. **Grey TL**, Eason KM, Wells L, Basinger N (2019) Effects of temperature on seed germination of *Plantago lanceolata* and management in *Carya illinoensis* production. *Plants* 8: doi.org/10.3390/plants8090308
3. *Hurdle NL, **Grey TL**, McCullough PE, Shilling DG, Belcher J (2019) Bermudagrass tolerance of indaziflam preemergence application in forage production. *Weed Technology* 33: In press
4. **Carter ET, Rowland DL, Tillman BL, Erickson JE, **Grey TL**, Gillett-Kaufman JL, Clark MW, Tseng Y (2019) An analysis of the physiological impacts on life history traits of peanut related to seed maturity. *Peanut Science* 46:148-161
5. **Pierre AK, Mulvaney MJ, Rowland DL, Tillman B, **Grey TL**, Iboyi JE, Leon RG, Perondi D, Wood CW (2019) Foliar fertilization as a strategy to increase the proportion of mature pods in peanut. *Peanut Science* 46:140-147
6. **Johnston CR, Vencill WK, **Grey TL**, Culpepper AS, Henry GM (2019) Investigations into interactions of environmental and application time effects on 2,4-D and dicamba-induced phytotoxicity and hydrogen peroxide formation. *Weed Science* 67:613-621
7. Baxter, LL, **Grey TL**, Tucker JL, Hancock DW (2019) Optimizing temperature requirements for clover seed germination. *Agrosystems, Geosciences, & Environment* 2: [doi:10.2134/age2018.11.0059](https://doi.org/10.2134/age2018.11.0059)
8. *Eason KM, Tubbs RS, **Grey TL**, Li X (2019) Irrigated and non-irrigated peanut cultivar response to POST paraquat tank-mixtures. *Peanut Science* 46:50-55
9. **Grey TL**, Shilling D (2018) Susceptible and glyphosate-resistant Palmer amaranth response to glyphosate using C¹⁴ as a tracer: retention, uptake, and translocation. *American Journal Plant Sciences* 9:2359-2370 <https://doi.org/10.4236/ajps.2018.912171>
10. *Li S, **Grey TL**, Price K, Vencill WK, Webster TM (2018) Adsorption, desorption, and persistence of fomesafen in soil. *Pest Management Science* 53: <https://doi.org/10.1002/ps.5112>
11. *Li S, **Grey TL**, Vencill WK, Freeman JM, Price A, Price K, Cutts GS, III (2018) Evaluation of cotton responses to fomesafen-based treatments applied PRE. *Weed Technology* 32:431-438
12. Chaudhari S, Jordan D, **Grey TL**, E.P. Prostko, and K. Jennings (2018) Weed control and peanut response to acetochlor alone and in combination with various herbicides. *Peanut Science* 45:45-55
13. Johnson, III WC, Webster TM, **Grey TL**, Luo X (2018) Managing cool-season weeds in sugarbeet grown for biofuel in the southeastern U.S. *Weed Technology* 32:1-7
14. **Grey TL**, Culpepper AS, Li X, Vencill WK (2018) Halosulfuron-methyl degradation from the surface of low density polyethylene mulch using analytical and bioassay techniques. *Weed Science* 66:15-24
15. **Grey TL**, Rucker K, Wells ML, Luo X (2018) Response of young pecan trees to repeated applications of indaziflam and halosulfuron. *HortScience* 53:313-317
16. **Morris K, Li X, Langston D, Davis R, Timper P, **Grey T** (2018) Fluensulfone sorption and mobility as

- affected by soil type. Pest Management Science 74:430-473
17. **Johnston C, Eure PM, **Grey TL**, Culpepper AS, Vencill WK (2018) Time of application influences translocation of auxinic herbicides in Palmer amaranth. Weed Science 66:4-14
 18. **Grey TL**, Diera A, Moore JM, Rucker KS, Butts CL (2017) Effect of pyrasulfotole carryover to peanut and tobacco. Weed Technol 31:651-657
 19. *Simmons DB, **Grey TL**, Faircloth W, Vencill WK, Webster TM (2017) Trinexapac-ethyl winter wheat cultivar evaluations with variable rates of nitrogen. J Experimental Agriculture International 16(5):1-9
 20. **Bachleda N, **Grey TL**, Li Z (2017) Effects of modified fatty acid composition on yield, protein and oil contents, and seed germination in soybean. Plant Breeding 137: DOI: 10.1111/pbr.12497
 21. **Moss J, Tubbs RS, **Grey TL**, Smith N, Johnson J (2017) Assessment of double-crop and relay-intercropping systems of peanut with soft red winter wheat and residual herbicides. Crop, Forage, and Turfgrass Management. doi: 10.2134/cftm2016.10.0069
 22. *Blanchett BH, **Grey TL**, Prostko EP, Webster TM (2017) The effect of 2,4-dichlorophenoxyacetic acid on peanut when applied during vegetative growth stages. Peanut Science 44:57-64
 23. **Carter E, Rowland D, Tillman B, Erickson J, **Grey TL**, Gillett-Kaufman J, Clark M (2017) Pod maturity in the shelling process. Peanut Science 44:28-36
 24. *Arnold, III JA, Beasley JP, Harris G, **Grey TL**, Cabrera M (2017) Effect of gypsum application rate, soil type, and soil calcium on yield, grade and seed quality of runner peanut cultivars. Peanut Science 44:15-20
 25. **Sarver JM, Tubbs RS, Beasley Jr. JP, Culbreath AK, **Grey TL**, Rowland DL, Smith NB (2017) Evaluating plant population and replant method effects on peanut planted in twin rows. Peanut Science 44:21-27
 26. Webster TM, **Grey TL**, Ferrell JA (2017) Purple nutsedge tuber production and viability are reduced by imazapic. Weed Science 65:97-106
 27. **Sarver JM, Tubbs RS, Beasley Jr. JP, Culbreath AK, **Grey TL**, Rowland DL, Smith NB (2016) Plant population and replant method effects on peanut seeded in single rows. Peanut Science 43:126-132
 28. **Grey TL**, Rucker K, Webster TM, Luo X (2016) High-density plantings of olive trees are tolerant to repeated applications of indaziflam. Weed Science 64:766-771
 29. Qu T, **Grey TL**, Csinos AS, and Ji, P (2016) Translocation of oxathiapiprolin in bell pepper plants and systemic protection of plants against Phytophthora blight. Plant Disease 100:1931-1936
 30. **Byrd SA, Collins GD, Culpepper AS, Dodds DM, Edmisten KL, Wright DL, Morgan GD, Baumann PA, Dotray PA, Manuchehri MR, Jones AS, **Grey TL**, Webster TM, et al. (2016) Cotton stage of growth determines sensitivity to 2,4-D. Weed Technol 30:601-610
 31. Webster TM, Simmons DB, Culpepper AS, **Grey TL**, Bridges DC, Scully BT (2016) Factors affecting potential for Palmer amaranth suppression by winter rye in Georgia. Field Crops Research 192:103-109
 32. **Chastain D, Snider JL, **Grey TL** (2016) Leaf ontogeny strongly influences photosynthetic tolerance to drought and high temperature in *Gossypium hirsutum*. Journal of Plant Physiology 199:18-28
 33. **Grey TL**, Branch WD, Tubbs RS, Snider JL, Webster TM, Arnold J, Li X (2016) The Impact of genotype by environment effects on runner-type peanut seed vigor response to temperature. Agronomy Journal 108:1424-1433
 34. Webster TM, **Grey TL**, Scully BR, Johnson III WC, Davis RF, Brenneman TB (2016) Yield potential of spring-harvested sugar beet (*Beta vulgaris*) depends on autumn planting time. Industrial Crops and Products 83: 55-60
 35. McCullough PE, Uy J, McElroy S, Chen S, Zhang H, **Grey TL**, Czarnota M (2016) ALS-resistant annual sedge (*Cyperus compressus*) confirmed in turfgrass. Weed Science 64:33-41
 36. **Grey TL**, Webster TM, Li X, Cutts, III GS, Anderson WF (2015) Evaluation of control of napiergrass (*Pennisetum purpureum*) with tillage and herbicides. Invasive Plant Science and Management 8:393-400
 37. *Blanchett BH, **Grey TL**, Prostko EP, Webster TM (2015) The effect of dicamba on peanut when applied during vegetative growth stages. Peanut Science 42:109-120
 38. **Grey TL**, Prostko EP (2015). Uptake, translocation, and dose response of postemergence applied diclosulam to bristly starbur (*Acanthospermum hispidum*). Peanut Science 42: 23-29
 39. Snider JL, Chastain D, Sorensen R, **Grey TL** (2015) Do genotypic differences in thermotolerance plasticity correspond with water-induced differences in yield and photosynthetic stability for field-grown upland cotton? Environmental and Experimental Botany 119:49-55
 40. **Reed TL, McCullough PE, Czarnota M, **Grey TL**, Vencill W, Waltz C (2015) Flumioxazin tank-mixtures with six herbicides for annual bluegrass control in bermudagrass. Weed Technology 29:561-569
 41. Webster TM, **Grey TL** (2015) Glyphosate-resistant Palmer amaranth morphology, growth, and seed

- production in Georgia. *Weed Sci* 63:264-272
42. **Grimshaw, AL, Schwartz BM, **Grey TL**, Kowalewski AR, Raymer PL (2014) Influence of soil type on nitrogen leaching of controlled release fertilizers. *Proc. Florida State Horticulture Society* 127:181-184
 43. Webster TM, **Grey TL** (2014) Halosulfuron reduced purple nutsedge tuber production and viability. *Weed Science* 62:637-646
 44. **Yu J, McCullough PE, **Grey TL** (2014) Physiological effects of temperature on turfgrass tolerance to amicarbazone. *Pest Management Sci.*70:3853-3861
 45. Sosnoskie LM, Webster TM, **Grey TL**, Culpepper AS (2014) Severed stems of *Amaranthus palmeri* are capable of regrowth and seed production in *Gossypium hirsutum*. *Annals of Applied Biology* 165:147-154. doi:10.1111/aab.12129
 46. Snider JL, Collins GD, Whitaker J, Chapman KD, Horn P, **Grey TL** (2014) Seed size and oil content are key determinants of seedling vigor in *Gossypium hirsutum*. *J. Cotton Sci.* 18:1-9
 47. **Grimshaw A, Schwartz B, **Grey TL**, et al. (2014) Acetyl-CoA carboxylase herbicide tolerance in bermudagrass. *Agronomy J.* 106:925-930
 48. **Grey TL**, Turpin, III RS, Wells L, Webster TM (2014) A Survey of weeds and herbicides in Georgia pecan. *Weed Technol.* 28:552-559
 49. **Reed TV, McCullough PE, **Grey TL** (2014) Evaluation of adjuvants on flumioxazin efficacy for postemergence annual bluegrass and residual smooth crabgrass control. *Applied Turfgrass Science* 11: doi:10.2134/ATS-2013-0034-RS
 50. Senseman SA, **Grey TL** (2014) The future of herbicides and genetic technology: Ramification for environmental stewardship. *Weed Sci.* 62:382-384
 51. **Grey TL**, Cutts, III GS, Newsome LJ, Newell, III SH (2014) Comparison of pyroxasulfone to soil residual herbicides for glyphosate resistant Palmer amaranth control in glyphosate resistant soybean. *Crop Management*. <https://www.crops.org/publications/cm/pdfs/12/1/CM-2013-0032-RS?search-result=1>
 52. Prostko EP, Webster TM, Marshall MW, Leon RG, **Grey TL**, et al. (2013) Glufosinate application timing and rate affect peanut yield. *Peanut Sci.* 40-2:115-119
 53. Webster TM, Scully BT, **Grey TL**, Culpepper AS (2013) Winter cover crops influence Palmer amaranth establishment. *Crop Protection*. *Crop Prot.* 52:130-135
 54. *Li, X., **T.L. Grey**, B.H. Blanchett, R.D. Lee, T.M. Webster, and W.K. Vencill. 2013. Tolerance evaluation of vegetatively-established *Miscanthus x giganteus* to numerous herbicides. *Weed Technol.* 24:735-740.
 55. *Wallace, R.D., **T.L. Grey**, T.M. Webster, and W.K. Vencill. 2013. Increased purple nutsedge (*Cyperus rotundus*) tuber sprouting with diurnally fluctuating temperatures. *Weed Science* 61:126-130
 56. **Grey, T.L.**, G.S. Cutts, III, L.M. Sosnoskie, and A.S. Culpepper. 2012. Italian ryegrass control and winter wheat response to POST herbicides. *Weed Technol.* 24:644-648.
 57. **Moss, J.W., R.S. Tubbs, **T.L. Grey**, J.W. Johnson, and J.M. Davis. 2012. Evaluation of the agronomic, economic and weed control viability of double-crop and relay-intercropping systems of peanut with wheat. *Crop Management*: doi:10.1094/CM-2012-0925-03-RS.
 58. Dotray, P.A., W.J. Grichar, T.A. Baughman, E.P. Prostko, **T.L. Grey**, and L.V. Gilbert. 2012. Peanut response to lactofen at various postemergence timings. *Peanut Science* 39:9-14.
 59. Sosnoskie, L.M., T. M. Webster, A.W. MacRae, **T. L. Grey**, and A. S. Culpepper. 2012. Pollen-mediated dispersal of glyphosate-resistance in Palmer amaranth under field conditions. *Weed Science* 60:366-373.
 60. McCullough, P.M., B. Schwartz, **T.L. Grey** and T.M. Webster. 2012. Preemergence herbicides influence sprig establishment of 'TifEagle' Bermudagrass. *Weed Technol.* 26:300-303.
 61. **Grey, T.G.** and P.E. McCullough. 2012. Sulfonylurea Herbicides Fate in soil: dissipation, mobility and other processes. *Weed Technol.* 26:579-581.
 62. **Grey, T.L.**, G.S. Cutts, III, and J.M. Johnson. 2012. Imidazolinone-resistant soft red winter wheat-weed control and crop response to ALS-herbicides. *Weed Technol.* 26:405-409.
 63. **Grey, T.L.**, B. Braxton, and J.S. Richburg, III. 2012. Effect of herbicide carryover on double-crop cotton and soybean. *Weed Technol.* 26:207-2012.
 64. *Wallace, R.D., A.S. Culpepper, A. MacRae, L. Sosnoskie, **T.L. Grey**. 2012. Vegetable crop response to EPTC applied preemergence under LDPE and high barrier plastic mulch. *Weed Technol.* 26:54-60.
 65. *Sabila, M.H., **T.L. Grey**, W.K. Vencill, D.G. Shilling, and T.M. Webster. 2012. Evaluation of Benghal dayflower (*Commelina benghalensis* L.) aerial and subterranean seed germination, emergence, and control. *Weed Science* 60: 75-80.
 66. Prostko, E.P., **T.L. Grey**, T.M. Webster, and R.C. Kemerait. 2011. Peanut tolerance to pyroxasulfone. *Peanut Science* 38:111-114.

67. **Jackson, J.L., J.P. Beasley, Jr., R.S. Tubbs, R.D. Lee, and T.L. Grey. 2011. Fall-bedding for reduced digging losses and improved yield in strip-till peanut. *J. of Peanut Sci.* 38:31-40.
68. *Cutts, G.S., III, R. Lee, T.L. Grey, S. Tubbs, W.K. Vencill, T.M. Webster, and W. Anderson. 2011. Herbicide effect on napiergrass (*Pennisetum purpureum*) control. *Weed Science* 59:255-262
69. Grey, T.L., J.M. Beasley, T.M. Webster, and C.Y. Chen. 2011. Peanut seed vigor evaluation using a thermal gradient. *International Journal of Agronomy*. On line at <http://hindawi.com/journals/ija/aip/202341/>
70. Prostko, E.P., T.L. Grey, M.W. Marshall, J.A. Ferrell, P.A. Dotray, D.L. Jordan, W.J. Grichar, B.J. Brecke, and J.W. Davis. 2011. Peanut yield response to dicamba. *J. of Peanut Sci.* 38:61-65.
71. **Gaines, T.A., W. Zhang, D. Wang, B. Bukun, S.T. Chisholm, D.L. Shaner, S.J. Nissen, W.L. Patzoldt, P.J. Tranel, A.S. Culpepper, T.L. Grey, T.M. Webster, W.K. Vencill, R.D. Sammons, J. Jiang, C. Preston, J.E. Leach, and P. Westra. 2010. Gene amplification confers glyphosate resistance in *Amaranthus palmeri*. *PNAS* 107:1029-1034 (www.pnas.org/cgi/doi/10.1073/pnas.0906649107)
72. Grey, T. L. and E.P. Prostko. 2010. Physiological effects of late season glyphosate applications on peanut (*Arachis hypogaea*) seed development and germination. *J. of Peanut Sci.* 37:124-128.
73. Grey, T. L., E.P. Prostko, and G.R. Wehtje. 2009. Florida beggarweed (*Desmodium tortuosum*) management in peanut (*Arachis hypogaea*) with residual herbicides. *J. of Peanut Sci.* 36:190-195.
74. Johnson, W.C, III, T.L. Grey, and D.E. Kissel. 2010. Interactive effects of soil pH, halosulfuron rate, and application method on carryover to turnip green and cabbage. *Weed Technol.* 24:160-164.
75. Goddard, R.H., T.M. Webster, R. Carter, and T.L. Grey. 2009. Resistance of Benghal dayflower (*Commelina benghalensis*) seeds to harsh environments and the implications for dispersal by mourning doves (*Zenaidura macourra*) in Georgia, U.S.A. *Weed Sci.* 57: 603-612.
76. Sosnoskie, L.M., T. M. Webster, D. Dales, G. C. Rains, T. L. Grey, and A. S. Culpepper. 2009. Pollen grain size, density, and settling velocity for Palmer amaranth (*Amaranthus palmeri*). *Weed Sci.* 57:404-409.
77. Grey, T. L., M. Czarnota, T. Potter, and B.T. Bunnell. 2009. Timed release of flurprimidol from a granular formulation in mulches and sand soil. *HortScience*, 44:512-515.
78. Grey, T. L., W.K. Vencill, T.M. Webster, and A.S. Culpepper. 2009. Herbicide dissipation from low density polyethylene mulch. *Weed Science*, 57:351-356.
79. Culpepper, A. S., T.L. Grey, and T.M. Webster. 2009. Vegetable response to herbicides applied to low density polyethylene mulch prior to transplant. *Weed Technol.* 23:444-449.
80. *Wise, A., T.L. Grey, E.P. Prostko, W.K. Vencill, and T.M. Webster. 2009. Establishing the geographical distribution and level of acetolactate synthase resistance of Palmer amaranth (*Amaranthus palmeri*) accessions in Georgia. *Weed Technol.* 23:214-220.
81. Prostko, E. P., T.L. Grey, J. Davis. 2009. Imidazolinone-resistant sunflower tolerance to imazapic. *Weed Technol.* 23:188-190.
82. Webster, T. M., T.L. Grey, J.T. Flanders, and A.S. Culpepper. 2009. Cotton planting date affects the critical period of Benghal dayflower (*Commelina benghalensis*) control. *Weed Science*, 57:81-86.
83. Grey, T.L., T.M. Webster, and A.S. Culpepper. 2008. Weed control as affected by pendimethalin timing and application method in conservation tillage cotton (*Gossypium hirsutum* L.). *J. Cotton Sci.* 12:318-324
84. Webster, T. M., T.L. Grey, J.W. Davis, A.S. Culpepper. 2008. Glyphosate hinders purple nutsedge (*Cyperus rotundus*) and yellow nutsedge (*C. esculentus*) tuber production. *Weed Science*, 56:735-742.
85. Webster, T. M. and T.L. Grey. 2008. Growth and reproduction of Benghal dayflower (*Commelina benghalensis*) in response to drought stress. *Weed Science*, 56:561-566.
86. Grey, T. L., A. MacRae, and A.S. Culpepper. 2008. Transplanted onion response to previously applied residual herbicides. *Weed Technol.* 22:477-480.
87. Vencill, W.K., T.L. Grey, A.S. Culpepper, C. Gaines, and P. Westra. 2008. Herbicide resistance in the Amaranthaceae. *J. Plant Diseases and Protection*. Special Issue XXI:41-44.
88. Grey, T.L. 2007. Utility of residual herbicides in no-till double-crop glyphosate resistant soybean production. *Crop Management*. <http://www.plantmanagementnetwork.org> doi: 10.1094/CM-2007-0122-01-RS.
89. Grey, T.L., T.M. Webster, and A.S. Culpepper. 2007. Autumn vegetable response to herbicides spring applied under polyethylene mulch. *Weed Technol.* 21:496-500.
90. Grey, T.L., P.A. Dotray, and W.J. Grichar. 2007. Soil and residual herbicide effect on peanut (*Arachis hypogaea*) seedling development. *Peanut Sci.* 34:65-70. DOI: 10.3146/0095-3679(2007)34[65: SARHAP]2.0.CO;2
91. Grey, T.L., N.U. Mantripagada, A.S. Culpepper, and T.M. Webster. 2007. Halosulfuron-methyl, S-metholachlor, and sulfentrazone dissipation on bare-soil compared to soil under polyethylene mulch. *Weed*

- Sci: 55: 638-643.
92. Webster, T.M., W. Faircloth, T. Flanders, and **T.L. Grey**. 2007. Critical period of Benghal dayflower control in peanut (*Arachis hypogaea*). Weed Sci. 55: 359-364.
 93. **Fain, G.B., **T.L. Grey**, G.R. Wehtje, and C.H. Gilliam. 2007. Polymeric resins adsorb and release oryzalin in response to pH and irrigation. Weed Sci. 55:157-163.
 94. Wehtje, G.R. M.E. Miller, **T.L. Grey**, and W.R. Brawner, Jr. 2007. Comparisons between X-ray film and phosphorescence imaging-based autoradiography for the visualization of herbicide translocation. Weed Technol. 21:1109-1114.
 95. MacRae, A., A.S. Culpepper, and **T.L. Grey**. 2007. Oat (*Avena sativa*) and rye (*Secale cereale*) tolerance to mesosulfuron and tribenuron. Weed Technol. 21:938-940.
 96. Culpepper, A.S., **T.L. Grey**, W.K. Vencill, J.M. Kichler, T.M. Webster, S.M. Brown, A.C. York, J.W. Davis, and W.W. Hanna. 2006. Glyphosate-resistant Palmer amaranth (*Amaranthus palmeri*) confirmed in Georgia. Weed Sci. 54: 620-626.
 97. Wehtje, G.W., C.H. Gilliam, **T.L. Grey**, and E. Blythe. 2006. Potential for halosulfuron to control eclipta (*Eclipta prostrata*) in container-grown landscape plants and its sorption to container rooting substrate. Weed Technol. 20: 361-367.
 98. **Grey, T.L.**, D.C. Bridges, P.L. Raymer, and J.W. Davis. 2006. Imazethapyr rate responses for wild radish, conventional, and imidazolinone-tolerant canola. Online. Plant Health Progress <http://www.plantmanagementnetwork.org> doi:10.1094/PHP-2006-1018-01-RS.
 99. **Grey, T.L.**, G. D. Buntin, P.M. Roberts, and D.C. Bridges 2006. Potential interaction of pendimethalin and systemic insecticides for thrips control in cotton. Agronomy Journal 98:141-147.
 100. **Grey, T.L.**, P.L. Raymer, and D.C. Bridges. 2006. Postemergence rate and timing effects on weed control and herbicide resistant canola. Weed Technol. 20:551-557.
 101. Prostko, E.P. **T.L. Grey**, and J.W. Davis. 2006. Texas panicum (*Panicum texanum*) control in irrigated field corn (*Zea mays*) with conventional and glyphosate herbicide systems. Weed Technol. 20: 961-964.
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- imazapic, diclosulam, and flumioxazin for southeastern peanut (*Arachis hypogaea*). Peanut Sci. 30:23-28.
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Other publications

137. Grey TL, Ransom CV, Howat KW, Nurse RE, Mann RK, Miller TW, Shaner D (2014) Common and chemical names of herbicides approved by the Weed Science Society of America. Weed Science 62: 679-687
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- Common and chemical names of herbicides approved by the Weed Science Society of America. *Weed Science* 60: 660-657
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141. Ranson CV, **Grey TL**, Johnson E, Keese RJ, Riechers DE, Senseman SA, Miller TW, Tardif F (2010) Common and chemical names of herbicides approved by the Weed Science Society of America. *Weed Science* 58: 511-518
142. Ranson CV, **Grey TL**, Johnson E, Keese RJ, Riechers DE, Senseman SA, Miller TW, Tardif F (2009) Common and chemical names of herbicides approved by the Weed Science Society of America. *Weed Sci.* 57:673-680

Symposia & Proceedings 2017 to present (194 from 1991 to 2015, 240 total)

1. **Grey TL**, Hurdle NL, Pilon C, Monfort WS, Tubbs RS (2019) Effects of POST herbicide application and digging date on seed development, germination, and vigor of peanut cultivars. *American Peanut Research and Education Society Annual Meeting* 51
2. Pilon C, Weaver C, Monfort WS, **Grey TL** (2019) Peanut seedling vigor under sub-optimal growing temperature. *American Peanut Research and Education Society Annual Meeting* 51
3. Weaver CC, Monfort WS, Pilon C, **Grey TL**, Tubbs RS (2019) Peanut seed germination and seedling emergence as affected by storage conditions. *American Peanut Research and Education Society Annual Meeting* 51
4. Eason KM, Prostko EP, **Grey TL** (2019) Peanut response to sub-lethal rates of dicamba plus glyphosate. *American Peanut Research and Education Society Annual Meeting* 51
5. Hurdle NL, **Grey TL**, Pilon C, Prostko EP, Monfort WS (2019) Seedling peanut physiological response to flumioxazin. *American Peanut Research and Education Society Annual Meeting* 51
6. Prostko EP, Kalina JR, **Grey TL** (2019) Evaluating fluridone for crop tolerance and weed control in peanut production. *American Peanut Research and Education Society Annual Meeting* 51
7. Eason KM, **Grey TL**, Culpepper AS (2019) Fomesafen degradation from the surface of low-density polyethylene mulch. *In Southern Weed Science Society Proceedings* 72:169
8. Kalina JR, Corkern CB, **Grey TL**, Shilling DG (2019) Evaluating time of day effects on broadleaf weed control in XtendFlex cotton. *In Southern Weed Science Society Proceedings* 72:144
9. Hurdle NL, **Grey TL**, Pilon C, Prostko EP, Monfort WS (2019) Interaction of seedling vigor, planting date, and flumioxazin on peanut growth. *In Southern Weed Science Society Proceedings* 72:129
10. **Grey TL**, Eason KM (2019) Indaziflam soil dissipation in Georgia pecan grove. *In Weed Science Society of America, Proceedings* 59
11. Hurdle NL, **Grey TL**, McCullough (2019) Bermuda tolerance of indaziflam PRE applications. *In Weed Science Society of America, Abstracts* 59
12. Eason K, Tubbs RS, **Grey TL**, Li S (2019) Peanut and weed response to POST herbicide tank-mixtures utilizing paraquat. *In Weed Science Society of America, Abstracts* 59
13. Pilon C, Monfort WS, Weaver C, **Grey TL**, Tishchenko V (2018) Photosynthetic thermotolerance of peanut seedlings exposed to different temperatures at planting and early season. *American Soc. Agronomy Proc.* 309-4
14. Eason K, Tubbs RS, **Grey TL** (2018) Peanut and weed response to POST herbicide tank-mixtures utilizing paraquat. *In American Peanut Research & Education Society Abstracts* 50
15. Hurdle N, Eason K, Tubbs RS, Prostko EP, Carter W, **Grey TL** (2018) Ele-max nutrient concentration effect on GA-06G with paraquat tank mixtures under non-irrigated conditions. *In American Peanut Research & Education Society Abstracts* 50
16. Pilon C, Monfort WS, Weaver C, **Grey TL**, Tishchenko V (2018) Early-season temperature conditions effect on physiology of peanut seedlings. *In American Peanut Research & Education Society Abstracts* 50
17. Weaver C, Monfort WS, Pilon C, **Grey TL** (2018) The effect of storage conditions on peanut seed quality. *In American Peanut Research & Education Society Abstracts* 50
18. Johnson, III, CJ, Webster TM, **Grey TL** (2018) Cultivation and reduced rate of herbicides for cost effective weed control in sugarbeet grown for biofuel. *In Weed Science Society of America Abstracts.* 58
19. **Grey TL**, Netzband D, Vang L (2018) Residual herbicide soil dissipation in Georgia pecan grove. *In Proc. Southern Weed Sci. Soc.* 71
20. Johnston C, Vencill W, **Grey TL** (2018) Translocation inhibition grants new insights on the time of day

- effect with 2,4-D choline. *In Proc. Southern Weed Sci. Soc.* 71
21. Hurdle NL, **Grey TL**, McCullough (2018) Bermuda tolerance of indaziflam PRE applications. *In Proc. Southern Weed Sci. Soc.* 71
 22. Eason K, Tubbs R, **Grey TL**, Li S, Prostko E (2018) Peanut and weed response to POST herbicide tank-mixtures and Ele-Max nutrient concentrate. *In Southern Weed Science Society Abstracts* 71
 23. Simmons D, **Grey TL**, Vencill W, Culpepper S (2018) Evaluating commercial cultivars and farm collected biotypes of Italian ryegrass for potential herbicide resistance issues in Georgia. *In Proc. Southern Weed Sci. Soc.* 71
 24. **Grey TL**, Chen C, Nuti R (2017) Characterization of genotype by planting date effects on runner-type peanut seed germination and vigor response to temperature. *In American Peanut Research & Education Society Abstracts* 49
 25. Eason K, Tubbs R, Prostko E, **Grey TL** (2017) Georgia-06G response to ele-max ENC with paraquat. *In American Peanut Research & Education Society Abstracts* 49
 26. Simmons D, **Grey TL**, Tubbs R, Prostko E (2017) Using diclosulam to reduce yellow and purple nutsedge tuber production. *In American Peanut Research & Education Society Abstracts* 49
 27. Pierre AK, Mulvaney MJ, Rowland DL, **Grey TL**, Tillman B (2017) Tissue analysis as a late season peanut seed quality prediction tool. *In Southern Region American Society Agronomy Abstracts*
 28. **Grey TL**, Simmons D (2017) Temperature effect on buckhorn plantain. *In Proc. Southern Weed Sci. Soc.* 70
 29. Johnston C, Eure P, **Grey TL**, Culpepper S (2017) Time of application influences auxinic herbicide translocation. *In Proc. Southern Weed Sci. Soc.* 70
 30. Eason K, Tubbs R, **Grey TL**, Li S (2017) Response of irrigated peanut cultivars to herbicide tank mixes with paraquat. *In Proc. Southern Weed Sci. Soc.* 70
 31. Simmons D, **Grey TL**, Vencill W, Culpepper S (2017) The effect of herbicides on common Italian ryegrass seed. *In Proc. Southern Weed Sci. Soc.* 70
 32. Byrd SA, **Grey TL**, et al. (2017) Influence of heat unit accumulation in cotton on symptomology and yield loss due to sub-lethal rates of 2,4-D. *In Proc. Southern Weed Sci. Soc.* 70

Extension Bulletins

1. Riley DG, Coolong T, Gitaitis R, Dutta B, Sparks A, **Grey TL**, Schmidt J, Fonas G, Toews M (2017) Crop Profile for cowpeas in Georgia. University of Georgia Extension Bulletin 1480
2. Hans, S, Jordan D, Brandenburg R, Royals B, Shew B, J. Bailey, V. Curtis, A. York, J. Wilcut, J. Beam, E. Prostko, S. Culpepper, **T.L. Grey**, C. Johnson, III, R. Kemerait, J. Grichar, T. Baughman, P. Dotray, B. Brecke, G. MacDonald, J. Tredaway-Ducar, and B. Walls. (2004) Tank mixing chemicals applied to peanut crops: are the chemicals compatible? North Carolina State Cooperative Extension Service. AGW-653. 9 P.
3. Herbicide programs for managing ALS – resistant Palmer amaranth (pigweed) in peanuts – January 2007 E.P. Prostko, **T.L. Grey**, W.C. Johnson, III University of Georgia.

Research-Extension Publications

1. **Grey, T.L.** 2016. Weed control in DGT cotton. *In J. Snider (ed) 2015 Cotton Research-Extension Report, UGA/CPES Research-Extension Publication.* Pp. 65-68
2. Prostko, E.P. and **T.L. Grey**. 2011. Peanut response to glyphosate. *UGA Bulletin C 1007*
3. Buntin, D., **T.L. Grey**, G.H. Harris, D. Phillips, E.P. Prostko, P. Raymer, N. Smith, P. Sumner, and J. Woodruff. 2010. Canola production in Georgia. *UGA Bulletin C1331*
4. Sosnoskie, L.M., **T.L. Grey**, T.M. Webster, and A.S. Culpepper. 2011. Effect of compensatory growth on Palmer amaranth biomass and accumulation and cotton yield. *In A. Smith, G. Collins, and C. Li (eds) 2011 Cotton Research-Extension Report, UGA/CPES Research-Extension Publication.*
5. **Grey, T.L.** 2010. Evaluation of cotton for pre emergence interaction between herbicides and insecticides. *In A. Smith, G. Collins, and C. Li (eds) 2010 Cotton Research-Extension Report, UGA/CPES Research-Extension Publication* pp. 106-110.
6. **Grey, T.L.**, L. Sosnoskie, and T.M. Webster. 2009. Palmer amaranth control as affected by herbicide, method of application, and winter cover crop. *In G. Ritchie, A. Smith, and G. Collins (eds) 2009 Cotton Research-Extension Report, UGA/CPES Research-Extension Publication.* Pp. 49-52
7. Sosnoskie, L.M., T.M. Webster, **T.L. Grey**, and A.S. Culpepper. 2009. Effect of compensatory growth of Palmer amaranth response to glyphosate. *In G. Ritchie, A. Smith, and G. Collins (eds) 2009 Cotton*

- Research-Extension Report, UGA/CPES Research-Extension Publication pp. 57-59
8. **Grey, T.L.** 2008. Envoke, Staple, and Dual Magnum for post emergence Flex cotton weed control. *In* G. Ritchie, A. Smith, and G. Collins (eds) 2008 Cotton Research-Extension Report, UGA/CPES Research-Extension Publication pp. 87-92.
 9. Sosnoskie, L.M. T.M. Webster, A. McRae, **T.L. Grey**, and A.S. Culpepper. 2008. Movement of glyphosate-resistant Palmer amaranth pollen under field conditions. *In* G. Ritchie, A. Smith, and G. Collins (eds) 2008 Cotton Research-Extension Report, UGA/CPES Research-Extension Publication pp. 93-94
 10. **Grey, T.L.** and A.S. Culpepper. 2007. Cotton response to pendimethalin formulation, method and time of application. *In* T. Grey, M. Toewes, and C. Perry (eds.) 2007 Cotton Research-Extension Report, UGA/CPES Research-Extension Publication pp. 96-99.
 11. Culpepper, A.S. and **T.L. Grey**. 2004. Does glyphosate plus Staple or Envoke applied topically to Roundup Ready cotton impact fruit set or seed yield? p. 64-68. *In* P. Jost and C.W. Bednarz (eds.) 2004 Cotton Research-Extension Report, UGA/CPES Research-Extension Publication.
 12. **Grey, T.L.**, G.R. Wehtje, R.H. Walker, and N.R. Martin Jr. 1996. New peanut herbicide gives growers economic options. Alabama Agricultural Experiment Station Auburn University Highlights of Agriculture Research 43 #1:12-13.

Professional presentation without abstracts

a) Radio Programs:

1. **Grey, T.L.** May 15, 2006. Georgia Audio Net. Herbicide Research for Commercial Vegetable Production. College scientists are testing several herbicides to help commercial vegetable growers keep weeds under control. Online at <http://resources.caes.uga.edu/media/georgiaaudio/archive2006/052206.htm#Two>
2. **Grey, T.L.** June 6, 2002. Georgia Audio Net. College Scientists Making Weed Control Easier College scientists are working to improve weed control management. Online at <http://resources.caes.uga.edu/media/georgiaaudio/archive2002/061702.htm#Four>

b) Television Programs:

1. **Grey, T.L.** August 20, 2014. Georgia Farm Monitor – SWGA Research & Education Center Peanut, Cotton, and Soybean Field Day. Discussed Dicamba tolerant cotton research: ~100 attendees. Online at https://www.youtube.com/watch?v=vu_zzJQj09I&list=UUeBwxEzz7YebK5eNvF8L9XA
2. **Grey, T.L.** Sept. 8, 2009. Georgia Farm Monitor – SWGA Research & Education Center Peanut and Cotton Field Day Discussed Palmer amaranth herbicide resistance: ~100 attendees. Online at <http://www.youtube.com/watch?v=EdPUuls4gvI>
3. **Grey, T.L.** April 19, 2006. Georgia Farm Monitor - SW GA Research & Education Center Small Grain/Canola Field Day Discussed imi-tolerant wheat breeding and screening trials and canola efficacy and rotational studies: ~60 attendees. Online at <http://www.farm-monitor.com/webstories.htm>
4. **Grey, T.L.** August 19, 2006. Georgia Farm Monitor - SW GA Research & Education Center Peanut Field Day discussed weed and peanut efficacy studies: ~40 attendees. Online at <http://www.farm-monitor.com/webstories.htm>

Teaching – Courses taught and guest lectures.

1. **CRSS 6350** – Herbicide Technology 2018 – **Lead instructor**
2. **CRSS 4340L/6340L** – **Laboratory**, Weed Science Lab. 2009 to 2018– **Lead instructor**
3. **CRSS 4340/6340**. Weed Science – Tifton Campus 2009, 2010, 2011 – **Lead instructor**
4. **CRSS 4400/6400**. Agroecology. 2010, 2011, 2012 – **Lead instructor**
5. **CRSS4250/6250** – Pesticides and Transgenic Crops 2007, 2008, 2009 (lead instructor), 2010 to 2019 - **Co-taught** course with Drs. David Langston, Alton Sparks, and Bob Kemerait.
6. **CRSS 7000, 9000** – Fall 2005 to present Masters & PhD Research, directing graduate student projects.

Graduate Admissions Committee. Spring Graduate applications to University of Georgia:

5. 2006 to present. Crop and Soils Sciences Department (M.S. and Ph.D. applicants)
6. 2006 to 2016. Masters of Plant Protection and Pest Management (Crop and Soil Sci., Entomology, and Plant Path. MPPPM program)

Graduate Student advising – Served as the lead advisor for 7 M.S., 5 MPPPM, and 1 Ph.D. students, served on 30 M.S., MPPPM (Masters Plant Protection and Pest Management), and Ph.D. committees. Current and past students include:

Graduation Awards

- | | | |
|-----------------|------|------|
| 1. Aaron Wise | M.S. | 2007 |
| 2. Mercy Sibila | M.S. | 2008 |

3.	Rebekah Wallace	M.S.	2009	2009 – WSSA photography 2 nd in digital, 3 rd in print 2010 – WSSA photography 1 st in digital, 1 st in print
4.	George ‘Trey’ Cutts	M.S.	2010	2011 – outstanding MS student for SWSS 2011 – 1 st place in SWSS graduate student competition 2011 – WSSA graduate student president
5.	Fred Turpin	MPPPM	2013	
6.	Xiao Li	Ph.D.	2014	2014 – 2 nd place in SWSS graduate student competition
7.	Brian Blanchett	M.S.	2014	2014 - Georgia Feed and Grain Association Scholarship
8.	Jason Arnold	M.S.	2014	
9.	Ashley Williams	MPPPM	2015	
10.	Danielle Simmons	M.S.	2017	
11.	Allison Couch	M.S.	2018	2017 – UGA Fabricate competition
12.	Nicholas Hurdle	M.S.	2020	2019 – 2 nd place MS, SWSS graduate student competition 2019 – 2 nd place MS, WSSA graduate student poster 2019 – 3 rd place, Weed Science Contest, Southern Region
13.	Kayla Eason	Ph.D.	2021	2018 – 1 st place MS, SWSS graduate student competition 2018 – 2 nd place APRES graduate student competition 2019 – 1 st place MS, WSSA graduate student poster 2019 – 1 st place PhD, SWSS graduate student contest 2019 – 3 rd place, APRES graduate student competition 2019 – 3 rd place, Weed Science Contest, Southern Region 2019 – WSSA Graduate Travel Grant to Canada 2019 – SWSS Graduate Travel Grant to Tennessee 2017 – UGA Fabricate competition
14.	Jacob Kalina	M.S.	2020	
15.	Juliana De Souza	Ph.D.	2023	

Post doctoral researchers hired and associated with related programs

1. Andrew MacRae 2005-2007
2. Lynn Sosnoskie 2006-2011
3. Xiao Li 2014-2015

RECOGNITIONS AND OUTSTANDING ACHIEVEMENTS

International invited presentations

1. **Aug 2018** XV Encontro Sobre A Cultura Do Amendoim, UNESP Jaboticabal, SP Brazil
2. **Aug 2018** Crop and weed management in peanuts, class for UNESP Jaboticabal, SP Brazil
3. **July 2017** Outlet of World Agriculture, China Agriculture University, Beijing China (10 presentations)
4. **July 2017** Weed Control in Georgia Crops, Henan Institute of Science and Technology, Henan China
5. **June 2017** The University of Padova meets the University of Georgia, Padova Italy
6. **July 2016** Outlet of World Agriculture, China Agriculture University, Beijing China (10 presentations)
7. **July 2016** Weed Control in Georgia Crops, Northwest Agriculture and Forestry University, Xi’an China
8. **June 2016** 7th International Weed Science World Congress, Prague Czech Republic
9. **July 2015** Outlet of World Agriculture, China Agriculture University, Beijing China (10 presentations)
10. **July 2015** Weed Control in Georgia Crops, Nanjing Agriculture University, Nanjing China
11. **June 2012** 6th International Weed Science World Congress, Hangzhou China
12. **June 2012** Herbicide Resistance in Georgia, China Agriculture University, Beijing China
13. **Feb 2011** 2011 Weed Science Society of America, Portland Oregon
14. **Jan 2010** Bayer CropScience Pan-American Weed Resistance Conference, Miami Beach, FL
15. **Feb 2009** 2009 Mid-Atlantic Fruit and Vegetable Convention, Hershey, Pennsylvania
16. **June 2008** 5th International Weed Science World Congress, Vancouver British Columbia
17. **Sept 2007** 4th International Cotton Conference, Lubbock Texas.
18. **March 2007** 12th International Rapeseed Congress in Wuhan China (*in absentia*).
19. **June 2004** 4th International Weed Science World Congress, Durban South Africa.
20. **July 2003** 11th International Rapeseed Congress, Copenhagen Denmark.

Honors and awards

1. **July 2019** Coyt T. Wilson Distinguished Service Award, American Peanut Research & Education Society, Auburn AL
2. **July 2017** China Agriculture University, College of Agronomy and Biotechnology, Adjunct Professor
3. **June 2017** Henan Institute of Science and Technology, Visiting Professor

4. **July 2016** Dow AgroSciences Award for Excellence in Teaching American Peanut Research & Education Society, Clearwater FL
5. **June 2015** University of Florida, College of Agriculture, Agronomy Dept., Adjunct Professor
6. **Nov 2014** D.W. Brooks Research Award, College of Agriculture, University of Georgia
7. **Jan 2013** Southern Weed Science Society – Outstanding Educator Award
8. **July 2011** Dow AgroSciences Award for Excellence in Research 2011 American Peanut Research and Education Society, San Antonio TX
9. **April 2011** Award of Excellence for Teaching, University of Georgia Tifton Campus
10. **Feb 2009** 2009 Early Career Award Southern Branch of the American Society of Agronomy
11. **2006, 2008, 2009** Bailey award nominations, American Peanut Research and Education Society Meeting
12. **March 2006** Outstanding Junior Research Scientist Award for Excellence, University of Georgia, Tifton
13. **Jan 1999** 1998 University of Kentucky College of Agriculture Outstanding Young Alumni Award.
14. **Feb 1998** Central Hardin High School Future Farmers of America, Honorary Chapter Degree, Kentucky

SOCIETAL ACTIVITIES AND EDITORSHIP

a. Editorship

1. *Peanut Science* – **Editor** – 2012 to present
2. *Weed Science* - **Associate editor, Editorial board** - 2009 to present
3. *Peanut Science* – **Associate Editor** – 2006 to 2012
4. *2007 Georgia Cotton Research and Extension Report*, **Editor** (on line at <http://commodities.caes.uga.edu/fieldcrops/cotton/repubs/2007/index.htm>)
5. *Proceedings of the Beltwide Cotton Conference*. 2006. 30:2180-2283. **Editor** of the Weed Science Proceedings submissions (55).
6. *Proceedings of the Beltwide Cotton Conference*. 2005. 29:2840-2950. **Editor** of the Weed Science Proceedings submissions (53).

b. Invited External Reviewer of Manuscripts, Grants, Dissertations, and Panels

1. Manuscripts reviewed for the following journals
 - a. *Weed Technology*
 - b. *Agronomy Journal*
 - c. *Peanut Science*
 - d. *Weed Science*
 - e. *Cotton Science*
 - f. *Journal of Food and Agriculture Chemistry*
 - g. *Australian Journal of Agriculture*
 - h. *Canadian Journal of Plant Science*
 - i. *HortScience*
 - j. *Pest Management Science*
2. Grants reviewed
 - a. Kentucky Science and Engineering Foundation 2005, 2006
 - b. CAEES Auburn University Competitive Grants Panel 2008, 2009
3. Dissertation review (1)
 - a. ‘Sorpton and dissipation of clomazone, metribuzin, and pendimethalin in Tasmanian cropping soils.’ Dissertation submission to the University of Tasmania, Hobart Australia (Anonymous review request by University of Tasmania Graduate School).

D. Professional Meetings Attended: Attended international, national, and regional meetings - 1999 to 2020.

- a. Southern Weed Science Society (21)
- b. Weed Science Society of America (12)
- c. American Peanut, Research, and Education Society (17)
- d. Southeast Regional Vegetable Conference (10)
- e. National Beltwide Cotton Conference (7)
- f. U.S. Canola Research Conference and Board of Directors Meeting – Washington DC (2)
- g. Southern Regional Canola Research Program (3)
- h. SERA/IEG 33 Current Issues in Weed Biology (3)
- i. International Methyl Bromide Alternatives and Emissions Reductions Conference (1)
- j. International Weed Science Society World Congress (4)
- k. International Cotton Conference (1)

- l. International Rapeseed World Congress (2)

PUBLIC AND UNIVERSITY SERVICE

- a. Georgia Pecan Extension meeting, Peach County, February 14, 2018.
- b. **University of Georgia** – UGA Athletics Board – 2017 to present
- c. **University of Georgia** - University Council – 2015 to 2018
- d. **University of Georgia** - Physical Sciences Promotion and Tenure Committee: 2013 (12), 2014 (15) 2015 (15)
- e. **University of Georgia** – Faculty Affair Committees – 2016 to present
- f. **University of Georgia** – Program Review and Assessment Committee (PRAC) Animal and Dairy Science Department, committee chairman 2016 to 2017
- g. **University of Georgia** – Program Review and Assessment (PRAC) Department of Crop and Soil Sciences (CRSS), Committee Chair for CRSS Research Programs & Weed Science sections.
- h. **Local or County Educational Programs:** 2007-2017 (Cumulative Attendance≈2500)
 1. Georgia Crop Improvement Association - Peanut Inspectors July 25, 2012
 2. Southern Peanut Growers Conference - Georgia Peanut Achievement Club July 19, 2012
 3. Georgia Crop Improvement – Peanut Seed Short course April 18, 2012
 4. Georgia Pecan Growers Association Annual Meeting, Perry, GA **2012, 2013, 2014, 2015**
 5. Golf Course Superintendents Association of America (GCSAA) – Spray Technicians Seminar, Eagle’s Landing Country Club, Stockbridge GA February 15, 2012.
 6. Georgia Pecan Extension meeting, Peach County, February 14, 2012.
 7. Georgia Plant Food Education Society Pesticide Training, Perry GA January 10, 2012.
 8. Monsanto work group, Savannah GA, July 21, 2010.
 9. Georgia Plant Food Education Society Pesticide Training, Perry GA January 12, 2010.
 10. Georgia Plant Food Education Society Pesticide Training, Perry GA January 13, 2009.
 11. BASF consultant group - Herbicide Resistant Weeds in Georgia, Savannah, GA February 8, 2008
 12. Georgia Vegetable Group - Herbicide carryover to vegetables, Tifton, GA, March 27, 2008
 13. Conservation Work Group - Combining pesticides with fertilizers, Tifton, GA, March 31, 2008
 14. Georgia Plant Food Education Society Pesticide Training, Amelia Island, FL July 25, 2007

FIELD DAYS: Speaker at Field Days 2007-2019 (Cumulative Attendance≈4000):

- a. Baxley, Appling County Pecan Aug 23rd 2019
- b. Baxley, Appling County Pecan Aug 22nd 2018
- c. Baxley, Appling County Pecan Aug 23rd 2017
- d. Pecan Field Day, Tifton GA Sept 4th 2014
- e. Southwest Georgia Peanut, Cotton, Soybean Field Day, August 20th 2014
- f. Vidalia Onion Field Day, April 5th, 2012
- g. Cotton/Peanut Field Day September 7th, 2011
- h. Cotton/Peanut Field Day September 8th, 2010
- i. Vidalia Onion Field Day April 1st, 2010
- j. Peanut Field Day, Tifton September 9th, 2009
- k. Mississippi Visiting Farmers, Tifton August 11th, 2009
- l. Vidalia Onion Field Day April 2nd, 2009
- m. **Deep South Weed Tour, Director of Tour**
 1. June 24 - 25, 2003 - Jay FL, Attapulgus & Tifton, GA, & Headland, AL.
 2. June 29 - July 1, 2004. Jay FL, Attapulgus & Tifton, GA, & Headland, AL.
Day August 19, 2006.

COMMITTEE MEMBERSHIPS

- a. **National**
 1. Weed Science Society of America
 - i. Terminology committee (**chair 2014-present**)
 - ii. Environmental Stewardship (**chair 2010-2014**)
 - a. Symposium coordinator – 2013, 8 speakers Baltimore MD
 - iii. Teaching Award (**chair 2010-2014**)
 - iv. Weed Scientist of the Year (**chair 2009 to 2012**)
 - v. Teaching and Extension committee (**chair 2006 and co-chair 2005**)
 - a. 2006: 9 presentations and 5 posters
 2. National Cotton Council

- i. Beltwide Steering committee member 2005 to 2007.
 - ii. Beltwide Cotton Conference - Weed Science – **Chair and organizer.**
 - a. 2005: 43 presentations and 11 posters
 - b. 2006: 45 presentation and 10 posters
- b. **Regional**
 - 1. Southern Weed Science Society
 - i. Outstanding Teaching Award (2016 to present)
 - ii. Meeting site selection committee member (2002 – 2015; 2017-2019)
 - iii. Computer application committee member (2003 - 2006)
 - iv. Weed Scientist of the Year Award committee member & **chair** (2005 - 2008)
 - v. Horticulture section of 2005 meeting –**symposium organizer and presiding officer**
 - a. Symposium – ‘New and potential herbicides for vegetable and fruit crops’ (6 invited presentations).
 - b. Symposium – ‘Components and complete system alternatives for methyl bromide’ (5 invited presentations).
- c. **State and local**
 - 1. Tifton Campus Safety Committee – Radiation use and safety
 - 2. Georgia Crop Production Alliance
 - i. Scholarship committee (2004 – 2014)