PEGGY OZIAS-AKINS

Curriculum Vita
September 2019

RANK

Professor, Department of Horticulture
Appointment: 89% Research, 7% Teaching, 4% Administrative

ACADEMIC RECORD

Degrees

B.S.	Biology	1975	Florida State University, Tallahassee, FL
Ph.D.	Botany	1981	University of Florida, Gainesville, FL

Positions held

1975-78	Graduate Teaching Assistant, University of Florida, Gainesville
1978-80	Graduate Research Assistant, University of Florida, Gainesville
1981	Post-doctoral Associate, University of Florida, Gainesville
1982-84	Alexander von Humboldt Post-doctoral Fellow, Max-Planck-Institut fur Zuchtungsforschung, Cologne, Germany
1984-86	Visiting Assistant Research Scientist, University of Florida, Gainesville
1986-93	Assistant Professor, Department of Horticulture, University of Georgia
1993-99	Associate Professor, Department of Horticulture, University of Georgia
1999-	Professor, Department of Horticulture, University of Georgia
2012-	Director, Institute of Plant Breeding, Genetics & Genomics
2017-	UGA Distinguished Research Professor

Member of Graduate Faculty: Appointed Jan. 10, 1991; Reappointed - May 1998, April 2005, April 2015

PUBLICATIONS

Books and Book Chapters

1. Vasil, I.K., V. Vasil, C. Lu, P. Ozias-Akins, Z. Haydu, and D. Wang. 1982. Somatic Embryogenesis in cereals and grasses. In: Regeneration and Genetic Variability, E. Earle, Ed. Praeger Press, New York. pp. 3-21.

2. Gobel, E., P. Ozias-Akins, H. Lorz. 1984. Cell and protoplast culture of rice. In: Plant Tissue Culture and its Agricultural Applications, 41st Conference in the Easter School Series

in Agricultural Science. University of Nottingham, U.K., September 17-21, 1984, L.A. Withers, P.G. Alderson, Eds., Butterworth Scientific, Kent.

3. Lorz, H., E. Gobel, R. Mol, P. Ozias-Akins, and A. Stolarz. 1984. Prospects and present limitations for genetic manipulation of cereals. Proceedings of the International Symposium, "Plant Tissue and Cell Culture Application to Crop Improvement", Olomouc, Czechoslovakia, September 24-29, 1984, F.J. Novak, L. Havel, J. Dolezel, Eds. Czechoslovak Academy of Sciences, Prague, pp. 379-389.

4. Ozias-Akins, P. and I.K. Vasil. 1985. Nutrition of plant tissue cultures. In: Cell Culture and Somatic Cell Genetics of Plants, Vol. 2, pp. 129-147. Academic Press, Orlando.

5. Ozias-Akins, P. and S.C. Perera. 1992. Regeneration of sweetpotato plants from protoplast-derived tissues, p. 61-66. In: Sweetpotato Technology for the 21st Century, W.A. Hill, C.K. Borsi, P.A. Loretan, Eds., Tuskegee University, Tuskegee, Ala.

6. Ozias-Akins, P., E.L. Lubbers, and W.W. Hanna. 1992. Molecular research on apomixis in *Pennisetum*. Pages 34-35 In J.H. Elgin and J.P. Miksche (eds.), Proc. of the Apomixis Workshop, 1992, USDA-ARS, Beltsville.

7. Hanna, W.W., M. Dujardin, P. Ozias-Akins, and L. Arthur. 1992. Transfer of apomixis in *Pennisetum*. Pages 30-33 In J.H. Elgin and J.P. Miksche (eds.), Proc. of the Apomixis Workshop, 1992, USDA-ARS, Beltsville.

8. Hanna, W.W., M. Dujardin, P. Ozias-Akins, and L. Arthur. 1993. Transfer of apomixis in *Pennisetum*. In: Proceedings of the International Workshop on Apomixis in Rice, Jan. 13-15, 1992, (ed.) K.J. Wilson, Canberra, Australia.

9. Ozias-Akins, P., E. Lubbers, L. Arthur, and W. Hanna. 1994. Molecular markers for apomixis in *Pennisetum*. Pages 51-53 In G.S. Khush (ed.), Apomixis: Exploiting Hybrid Vigor in Rice, IRRI, Manila, Philippines.

10. Ozias-Akins, P., E. Lubbers, L. Arthur, and W. Hanna. 1994. Molecular markers linked with apomixis: Evolutionary and breeding implications, 90-95. In: Proceedings of the ODA Plant Sciences Research Conference on Molecular Markers in Sorghum and Pearl Millet for Developing Countries, J. R. Witcombe, ed.

11. Knauft, D.A. and P. Ozias-Akins. 1995. Recent methodologies for germplasm enhancement and breeding. In: Advances in Peanut Science, H.E. Pattee and H.T. Stalker, eds., American Peanut Research and Education Society.

12. Jauhar, P.P., K.N. Rai, P. Ozias-Akins, Z. Chen, and W.W. Hanna. 2005. Genetic Improvement of Pearl Millet for Grain and Forage Production: Cytogenetic Manipulation and Heterosis Breeding. In: R.J. Singh and P.P. Jauhar, eds., Genetic Resources, Chromosome Engineering and Crop Improvement, CRC Taylor and Francis, pp 281-307.

13. Devos, K.M., W.W. Hanna, and P. Ozias-Akins. 2006. Pearl Millet. Pp. 303-323. In: Genome Mapping and Molecular Breeding in Plants, Vol. 1, Cereals and Millets, C. Kole, Ed., Springer, Heidelberg

14. Ozias-Akins, P., M.L. Ramos, and Y. Chu. 2006. Hypoallergenic foods beyond infant formulas. Pp. 287-308, In: Food Allergy: Comprehension, Treatment, and Prevention. S. Maleki, A.W. Burks, R.M. Helm, eds. ASM Press, Herndon, VA.

15. Ozias-Akins, P. 2007. Peanut. In: Biotechnology in Agriculture and Forestry 61 – Transgenic Crops VI. E.C. Pua and M.R. Davey, eds. Springer, Heidelberg, pp 81-105.

16. Burow, M. D., M. Gomez Selveraj, H. Upadhyaya, P. Ozias-Akins, B. Guo, D. J. Bertioli, S. C. de Macedo Leal-Bertioli, M. de Carvalho Moretzsohn, and P. Messenberg Guimarães. 2008. Genomics of Peanut, a Major Source of Oil and Protein. In: Genomics of Tropical Crop Plants, P. H. Moore and R. Ming (eds.) Springer-Verlag. pp 421-440

17. Chenault, K.D., M. Gallo, P. Ozias-Akins, and P. Srivastava. 2008. Peanut. In: Compendium of Transgenic Crop Plants: Transgenic Oilseed Crops", J. Wiley & Sons, Oxford, UK, pp 169-198

18. O'Kennedy, M.M., B. Campbell, and P. Ozias-Akins. 2008. Pearl Millet. In: A Compendium of Transgenic Crop Plants: Transgenic Cereals and Forage Grasses", J. Wiley & Sons, Oxford, UK, pp 177-190

19. Ozias-Akins, P., J.A. Conner, S. Goel, Y. Akiyama, and W.W. Hanna. 2007. Genes linked with apomixis: identification and characterization. In: Apomixis: evolution, mechanisms, and perspectives, E. Horandl, U. Grossniklaus, P.J. van Dijk, and T.F. Sharbel, eds., A.R.G. Gantner Verlag, Rugell, Liechtenstein, pp 117-124.

20. Ozias-Akins, P. 2010. Engineering virus resistance in plants using transgenes. In: Wang, A. (ed.) – Principles and Practice of Advanced Technology in Plant Virology, Research Signpost, Kerala, India, Chapter 12, pp. 189-204.

21. Guo B.Z., Chen C.Y., Chu Y., Holbrook C.C., Ozias-Akins P., Stalker H.T. 2011. Advances in genetics and genomics for sustainable peanut production. In: Benkeblia N. (ed) Sustainable agriculture and new biotechnologies. CRC Press, Boca Raton, pp 341–368.

22. Ozias-Akins, P. and J.A. Conner. 2011. Regulation of Apomixis. In: Plant Biotechnology and Agriculture: Prospects for the 21st Century. A. Altman and P.M. Hasegawa, Eds. Elsevier, Amsterdam, pp 243-254.

23. Koltunow, A.M.G., P. Ozias-Akins, and I. Siddiqi. 2013. Apomixis. In: Seed Genomics. P.W. Becraft, Ed. John Wiley & Sons.

24. Holbrook, C.C., T.B. Brenneman, H.T. Stalker, W.C. Johnson III, P. Ozias-Akins, Y. Chu, G. Vellidis, D. McClusky. Peanut. 2014. In: Yield Gains in Major US Field Crops. S. Smith,

B. Diers, J. Specht, and B. Carver, Eds. CSSA Special Publication 33. American Society of Agronomy, Madison, WI.

25. Dwivedi, S., N. Pupalla, S. Maleki, P. Ozias-Akins, R. Ortiz. Peanut improvement for human health. 2014. In: Plant Breeding Reviews, J. Janick, Ed., Vol 38, pp 141-183.

26. Chu, Y., J. , R. Hovav, J. Wang, B. Scheffler, S.A. Jackson, P. Ozias-Akins. 2016. Application of Genomic, Transcriptomic, and Metabolomic Technologies in *Arachis* Species. In: Peanuts: Genetics, Processing, and Utilization. R. Wilson and H.T. Stalker, Eds. AOCS Press.

27. Holbrook, C.C., M.D. Burow, C.Y. Chen, M.K. Pandey, L. Liu, J.C. Chagoya, Y. Chu, P. Ozias-Akins. 2016. Recent Advances in Peanut Breeding and Genetics. In: Peanuts: Genetics, Processing, and Utilization. R. Wilson and H.T. Stalker, Eds. AOCS Press.

28. Ozias-Akins, P., and C.C. Holbrook. 2016. Breeding Versus Bioengineering of Hypoallergenic Peanuts, In: Peanuts: Functional Bioactives and Allergens, N. Lee, G. Wright, R. Rachaputi, Eds. DESTech Publications.

29. Conner, J. A., & Ozias-Akins, P. 2017. Apomixis: Engineering the Ability to Harness Hybrid Vigor in Crop Plants.. In *Plant Germline Development* (Vol. 1669, pp. 17-34). doi:10.1007/978-1-4939-7286-9_2

30. Ozias-Akins, P, E.K.S. Cannon, and S.B. Cannon. 2017. Genomics Resources for Peanut Improvement. In: The Peanut Genome. RK Varshney, MK Pandey, and N. Puppala, Eds. Springer.

Refereed Journal Articles

1. Ozias-Akins, P. and I.K. Vasil 1982. Plant regeneration from cultured immature embryos and inflorescences of *Triticum aestivum* L. (wheat): Evidence for somatic embryogenesis. Protoplasma 110:95-105.

2. Pence, V.C., N.J. Novick, P. Ozias-Akins, and I.K. Vasil. 1982. Induction of nitrogenase activity in *Azospirillum brasilense* by conditioned medium from suspension cultures of *Pennisetum americanum* (pearl millet) and *Panicum maximum* (Guinea grass). Z. Pflanzenphysiol. 106:139-147.

3. Lu, C., I.K. Vasil, and P. Ozias-Akins. 1982. Somatic embryogenesis in *Zea mays* L. Theor. Appl. Genet. 62:109-112.

4. Ozias-Akins, P. and I.K. Vasil. 1982. Callus induction and growth from the mature embryo of *Triticum aestivum* L. (wheat). Protoplasma 115:104-113.

5. Ozias-Akins, P. and I.K. Vasil. 1983. Proliferation of and plant regeneration from the epiblast

of *Triticum aestivum* L. (wheat). Amer. J. Bot. 70:1092-1097.

6. Ozias-Akins, P. and I.K. Vasil. 1983. Improved efficiency and normalization of somatic embryogenesis in *Triticum aestivum* (wheat). Protoplasma 117:40-44.

7. Ozias-Akins, P. and H. Lörz. 1984. Progress and limitations in the culture of cereal protoplasts. Trends in Biotech. 2:119-123.

8. Rao, P.S. and P. Ozias-Akins. 1985. Plant regeneration through somatic embryogenesis in protoplast cultures of sandalwood (*Santalum album* L.). Protoplasma 124:80-86.

9. Ozias-Akins, P., R.J. Ferl, I.K. Vasil. 1986. Somatic hybridization in the Gramineae: *Pennisetum americanum* + *Panicum maximum*. Mol. Gen. Genet. 203:365-370.

10. Ozias-Akins, P., D.R. Pring, I.K. Vasil. 1987. Rearrangements in the mitochondrial genome of somatic hybrid cell lines of *Pennisetum americanum* (L.) K. Schum. + *Panicum maximum*. Jacq. Theor. Appl. Genet. 74:15-20.

11. Hauptmann, R.M., P. Ozias-Akins, V. Vasil, Z. Tabaeizadeh, S.G. Rogers, R.B. Horsch, I.K. Vasil, R.T. Fraley. 1987. Transient expression of electroporated DNA in monocotyledonous and dicotyledonous species. Plant Cell Rep. 6:265-270.

12. Ozias-Akins, P., Z. Tabaeizadeh, D.R. Pring, I.K. Vasil. 1988. Preferential amplification of mitochondrial DNA fragments in somatic hybrids of the Gramineae. Curr. Genet. 13:241-245.

13. Hauptmann, R.M., V. Vasil, P. Ozias-Akins, Z. Tabaeizadeh, S.G. Rogers, R.T. Fraley, R.B. Horsch, I.K. Vasil. 1988. Evaluation of selectable markers for obtaining stable transformants in the Gramineae. Plant Physiol. 86:602-606.

14. Ozias-Akins, P. and I.K. Vasil. 1988. In vitro regeneration and genetic manipulation of grasses. Physiol. Plant. 73:565-569.

15. Ozias-Akins, P., M. Dujardin, W.W. Hanna, I.K. Vasil. 1989. Quantitative variation recovered from tissue cultures of an apomictic, interspecific *Pennisetum* hybrid. Maydica 34:123-132.

16. Ozias-Akins, P. 1989. Plant regeneration from immature embryos of peanut. Plant Cell Rep. 8:217-218.

17. Perera, S.C., and P. Ozias-Akins. 1991. Regeneration from sweetpotato protoplasts and assessment of growth conditions for flow-sorting of fusion mixtures. J. Amer. Soc. Hort. Sci. 116:917-922.

18. Kvien, C.K. and P. Ozias-Akins. 1991. Lack of monocarpic senescence in Florunner peanut. Peanut Sci. 19:86-90.

19. Ozias-Akins, P., C. Singsit, and W.D. Branch. 1992. Interspecific hybrid inviability in crosses of *Arachis hypogaea x A. stenosperma* can be overcome by in vitro embryo maturation or somatic embryogenesis. J. Plant Physiol. 140:207-212.

20. Ozias-Akins, P., W.F. Anderson, and C.C. Holbrook. 1992. Somatic embryogenesis in *Arachis hypogaea* L.: Genotype comparison. Plant Sci. 83:103-111.

21. Singsit, C. and P. Ozias-Akins. 1992. Rapid estimation of ploidy levels in *in vitro*-regenerated *Arachis* hybrids and fertile triploids. Euphytica 64:183-188.

22. Arthur, L., P. Ozias-Akins, and W.W. Hanna. 1993. Female sterile mutant in pearl millet - evidence for initiation of apospory. J. Hered. 84:112-115.

23. Ozias-Akins, P., E.L. Lubbers, W.W. Hanna, and J.W. McNay. 1993. Transmission of the apomictic mode of reproduction in *Pennisetum*: Co-inheritance of the trait and molecular markers. Theor. Appl. Genet. 85:632-638.

24. Hanna, W.W., M. Dujardin, P. Ozias-Akins, E.L. Lubbers, and L. Arthur. 1993. Reproduction, cytology and fertility of pearl millet x *Pennisetum squamulatum* BC_4 plants. J. Hered. 84:213-216.

25. Singsit, C. and P. Ozias-Akins. 1993. Genetic variation in androgenetic monoploids of diploid potato and identification of genome-specific random amplified polymorphic DNA markers. Plant Cell Rep. 12:144-148.

26. Aruna, M., P. Ozias-Akins, M.E. Austin, and G. Kochert. 1993. Genetic relatedness among rabbiteye blueberry (*Vaccinium ashei*) cultivars determined by DNA amplification using single primers of arbitrary sequence. Genome 36:971-977.

27. Ozias-Akins, P., J.A. Schnall, W.F. Anderson, C. Singsit, T.E. Clemente, M.J. Adang, and A.K. Weissinger. 1993. Regeneration of transgenic peanut plants from stably transformed embryogenic callus. Plant Science 93:185-194.

28. Ozias-Akins, P. and R.L. Jarret. 1994. Flow cytometric determination of ploidy levels in *Ipomoea*. J. Amer. Soc. Hort. Sci. 119:110-115.

29. Lubbers, E.L., L. Arthur, W.W. Hanna, P. Ozias-Akins. 1994. Molecular markers shared by diverse apomictic *Pennisetum* species. Theor. Appl. Genet. 89:636-642.

30. Anderson, W.F., L. Arthur, P. Ozias-Akins. 1994. Quick and efficient measurement of transient GUS expression using image analysis. Plant Mol. Biol. Rep. 12:332-340.

31. Jarret, R.L., P. Ozias-Akins, S. Phatak, R. Nadimpali, S. Hilliard. 1995. DNA contents in *Paspalum* spp. determined by flow cytometry. J. Genet. Res. Crop Evol. 42:237-242.

32. Aruna, M., M.E. Austin, and P. Ozias-Akins. 1995. DNA amplification fingerprinting for identification of rabbiteye blueberry (*Vaccinium ashei* Reade) cultivars. J. Amer. Soc. Hort. Sci. 120:710-713.

33. Singsit, C., C.C. Holbrook, A.K. Culbreath, and P. Ozias-Akins. 1995. Progenies of an interspecific hybrid between *Arachis hypogaea* and *A. stenosperma* - pest resistance and molecular homogeneity. Euphytica 83:9-14.

34. Singsit, C., M.J. Adang, R.E. Lynch, W.F. Anderson, A. Wang, G. Cardineau, and P. Ozias-Akins. 1997. Expression of a *Bacillus thuringiensis* crylA(c) gene in transgenic peanut plants and its efficacy against lesser cornstalk borer. Transgenic Res. 6:169-176.

35. Karakas, B., P. Ozias-Akins, C. Stushnoff, M. Suefferheld, and M. Rieger. 1997. Salinity and drought tolerance of mannitol accumulating transgenic tobacco. Plant Cell Environ. 20:609-616.

36. Morgan, R.N., J. Alvernaz, L. Arthur, W.W. Hanna, P. Ozias-Akins. 1997. Genetic characterization and floral development of female sterile and stubby head, two aposporous mutants of pearl millet. Sex Plant Reprod. 10:127-135.

37. Morgan, R.N., P. Ozias-Akins, and W.W. Hanna. 1998. Seed set in an apomictic BC_3 pearl millet. Intl. J. Plant Sci. 159:89-97.

38. Wang, A., H. Fan, C. Singsit, and P. Ozias-Akins. 1998. Transformation of peanut with a soybean *vspB* promoter-*uidA* chimeric gene I. Optimization of a transformation system and analysis of GUS expression in primary transgenic tissues and plants. Physiol. Plant. 102:38-48.

39. Morgan, R.N., J.P. Wilson, W.W. Hanna, and P. Ozias-Akins. 1998. Molecular markers for rust and pyricularia leaf spot disease resistance in pearl millet. Theor. Appl. Genet. 96:413-420.

40. Yang, H., C. Singsit, A. Wang, D. Gonsalves, and P. Ozias-Akins. 1998. Transgenic peanut plants containing a nucleocapsid protein gene of tomato spotted wilt virus show divergent levels of gene expression. Plant Cell Rep. 17:693-699.

41. Ozias-Akins, P., D. Roche, and W.W. Hanna. 1998. Tight clustering and hemizygosity of apomixis-linked molecular markers in *Pennisetum squamulatum* implies genetic control of apospory by a divergent locus which may have no allelic form in sexual genotypes. Proc. Natl. Acad. Sci. USA 95:5127-5132.

42. Mitchell, T.D., A.S. Bhagsari, P. Ozias-Akins, and S.K. Dhir. 1998. Electroporation-mediated transient gene expression in intact cells of sweetpotato. In Vitro Cell. Dev. Biol. Plant 34:319-324.

43. Zhang, L.-H., P. Ozias-Akins, G. Kochert, S. Kresovich, R. Dean, and W. Hanna. 1999.

Genotype identification of bermudagrass (*Cynodon* spp.) by AFLP analysis. Theor. Appl. Genet. 98:895-902.

44. Roche, D., P. Cong, Z. Chen, W.W. Hanna, D.L. Gustine, R.T. Sherwood, and P. Ozias-Akins. 1999. An apospory-specific genomic region is conserved between buffelgrass (*Cenchrus ciliaris* L.) and *Pennisetum squamulatum* Fresen. Plant J. 19:203-208.

45. Gill, R. and P. Ozias-Akins. 1999. Thidiazuron-induced highly morphogenic callus and high frequency regeneration of fertile peanut (*Arachis hypogaea* L.) plants. In Vitro Cell. Dev. Biol. Plant 35:445-450.

46. Goldman, J.J., P. Ozias-Akins, and W.W. Hanna. 2000. GUS transient gene expression in bombarded pearl millet tissue. International Sorghum and Millets Newsletter 41: 74-76.

47. Roche, D.R., Z. Chen, W.W. Hanna, and P. Ozias-Akins. 2001. Non-Mendelian transmission of an apospory-specific genomic region in a reciprocal cross between sexual pearl millet (*Pennisetum glaucum*) and an apomictic F1 (*P. glaucum* X *P. squamulatum*). Sex. Plant Reprod. 13:217-223.

48. Roche, D., W.W. Hanna, and P. Ozias-Akins. 2001. Gametophytic apomixis, polyploidy, and supernumerary chromatin. Sex. Plant Reprod. 13:343-349.

49. Roche, D.R., Conner, J.A., Budiman, M.A., Frisch, D., Wing, R., Hanna, W.W., Ozias-Akins, P. 2002. Construction of BAC libraries from two apomictic grasses to study the microcolinearity of their apospory-specific genomic regions. Theor. Appl. Genet. 104:804-812.

50. Ozias-Akins, P., R. Gill. 2001. Progress in the development of tissue culture and transformation methods applicable to the production of transgenic peanut. Peanut Sci. 28:123-131.

51. Ozias-Akins, P., H. Yang, R. Gill, H. Fan, R.E. Lynch. 2002. Reduction of aflatoxin contamination in peanut: A genetic engineering approach. ACS Symposium Series 829:151-160.

52. Goel, S., Z. Chen, J.A. Conner, Y. Akiyama, W.W. Hanna, and P. Ozias-Akins. 2003. Physical evidence that a single hemizygous chromosomal region is sufficient to confer aposporous embryo sac formation in *Pennisetum squamulatum* and *Cenchrus ciliaris*. Genetics 163:1069-1082.

53. Yang, H.Y., J. Nairn, and P. Ozias-Akins. 2003. Transformation of peanut using a modified bacterial mercuric ion reductase gene driven by an actin promoter from *Arabidopsis thaliana*. J. Plant Physiol. 160:945-952.

54. Goldman, J. J., W. W. Hanna, G. F. Fleming, and P. Ozias-Akins. 2003. Fertile transgenic pearl millet [*Pennisetum glaucum* (L.) R. Br.] plants recovered through microprojectile

bombardment and phosphinothricin selection of apical meristem-, inflorescence-, and immature embryo- derived embryogenic tissues. Plant Cell Rep. 21:999-1009.

55. Ozias-Akins, P., Y. Akiyama, and W. W. Hanna. 2003. Molecular characterization of the genomic region linked with apomixis in *Pennisetum/Cenchrus*. Funct. Integr. Genomics 3:94-104.

56. Goldman, J.J., W.W. Hanna, G.H. Fleming, and P. Ozias-Akins. 2003. Ploidy variation among herbicide-resistant bermudagrass plants of cv TifEagle transformed with the bar gene. Plant Cell Reports 22:553-560.

57. Yang, H.Y., P. Ozias-Akins, A.K. Culbreath, D.W. Gorbet, J.R. Weeks, B. Mandal, and H.R. Pappu. 2004. Field Evaluation of *Tomato spotted wilt virus* Resistance in Transgenic Peanut (*Arachis hypogaea*). Plant Dis. 88:259-264.

58. Akiyama, Y., J.A. Conner, S. Goel, D.T. Morishige, J.E. Mullet, W.W. Hanna, and P. Ozias-Akins. 2004. High-resolution physical mapping in *Pennisetum squamulatum* reveals extensive chromosomal heteromorphism of the genomic region associated with apomixis. Plant Physiol. 134:1733-1741.

59. Sakhanokho, H.F., P. Ozias-Akins, O.L. May, and P.W. Chee. 2004. Induction of somatic embryogenesis and plant regeneration in select Georgia and Pee Dee cotton (*Gossypium hirsutum* L.) lines. Crop Science 44:2199-2205.

60. Goldman, J. W.W. Hanna, and P. Ozias-Akins. 2004. Tissue culture, plant regeneration and an analysis of somaclonal variation from TifEagle and TifSport bermudagrass cultivars. HortScience 39:1381-1384.

61. Sakhanokho, H.F., P. Ozias-Akins, O.L. May, and P.W. Chee. 2005. Putrescine enhances somatic embryogenesis and plant regeneration in elite upland cotton (*Gossypium hirsutum* L.) genotypes. Plant Cell Tiss. Organ Cult. 81:91-95.

62. Joshi, M., C. Niu, G. Fleming, S. Hazra, Y. Chu, C. J. Nairn, H. Yang, P. Ozias-Akins. 2005. Use of green fluorescent protein as a non-destructive marker for peanut genetic transformation. In Vitro Plant 41:437-445.

63. Akiyama, Y., W.W. Hanna, P. Ozias-Akins. 2005. High-resolution mapping reveals that the apospory-specific genomic region (ASGR) in *C. ciliaris* is located on a heterochromatic and hemizygous region of a single chromosome. Theor. Appl. Genet. 111:1042-1051.

64. Sorghum Genomics Planning Workshop Participants. 2005. Toward Sequencing the Sorghum Genome. A U.S. National Science Foundation-Sponsored Workshop Report. Plant Physiol. 138:1898-1902.

65. Ramos, M.L., G. Fleming, Y. Chu, Y. Akiyama, M. Gallo, P. Ozias-Akins. 2006. Genomic and evolutionary context for conglutin genes in *Arachis*. Mol. Gen. Gen. 275:578-592.

66. Goel, S., Z. Chen, Y. Akiyama, J. A. Conner, M. Basu, G. Gualtieri, W. W. Hanna, P. Ozias-Akins. 2006. Comparative Physical Mapping of the Apospory-Specific Genomic Region in Two Apomictic Grasses, *Pennisetum squamulatum* and *Cenchrus ciliaris.* Genetics 173:389-400.

67. Gualtieri, G., J. A. Conner, D. T. Morishige, J. E. Mullet, and P. Ozias-Akins. 2006. A segment of the apospory-specific genomic region is highly microsyntenic not only between the apomicts *Pennisetum squamulatum* and buffelgrass, but also with a rice chromosome 11 centromeric-proximal genomic region. Plant Physiol. 140:963-971.

68. Akiyama, Y, S. Goel, Z. Chen, W.W. Hanna, and P. Ozias-Akins. 2006. *Pennisetum squamulatum*: Is the Predominant Cytotype Hexaploid or Octaploid? J. Hered. 97:521

69. Ozias-Akins, P. 2006. Apomixis: Developmental Characteristics and Genetics. Crit. Rev. Plant Sci. 25:199-214.

70. Chu, Y., C. Holbrook, P. Timper, and P. Ozias-Akins. 2007. Development of a PCR-based molecular marker to select for nematode resistance in peanut. Crop Sci. 47:841-847.

71. Kang, I., P. Srivastava, P. Ozias-Akins, and M. Gallo. 2007. Temporal and spatial expression of the major allergens in developing and germinating peanut seed. Plant Physiology 144:836-845.

72. Chu, Y., L. Ramos, C.C. Holbrook, and P. Ozias-Akins. 2007. Frequency of a loss-of-function mutation in oleoyl-PC desaturase (ahFAD2A) in the minicore of the U.S. peanut germplasm collection. Crop Sci. 47:2372-2378

73. Zhang, S., W. Hanna, and P. Ozias-Akins. 2007. Comparison of callus induction and plant regeneration from different explants in triploid and tetraploid turf-type bermudagrasses. Plant Cell Tiss. Org. Cult. 90:71-78.

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299. Chu Y, P Ozias-Akins, P Chee, TG Isleib, CC Holbrook. 2019. A Major Seed Size QTL on Chromosome A05 of a Peanut Cultivar is Conserved in the U.S. Mini Core Germplasm Collection. https://apresinc.com/wp-content/uploads/2019/09/Chu-Abstract-2019.pdf.

300. Chamberlin KD, RS Bennett, CC Holbrook, J Baldessari, P Ozias-Akins, SP Tallury, A Massa, JP Clevenger. 2019. Screening For Resistance to Peanut Smut in Argentina. https://apresinc.com/wp-content/uploads/2019/09/Chamberlin-Abstract-2019.pdf.

301. Clevenger J., CC Holbrook, P Ozias-Akins, Y Chu, T Brenneman, A Culbreath. 2019. A New Nematode Resistant, High Oleic Virginia-type Peanut for the South East. https://apresinc.com/wp-content/uploads/2019/07/ClevengerJ-Abstract-2019.pdf.

302. Ballén-Taborda C, Y Chu, P Ozias-Akins, P Timper, CC Holbrook, SA Jackson, DJ Bertioli, SCM Leal-Bertioli. 2019. A New Source of Root-knot Nematode Resistance from *Arachis stenosperma* Incorporated into Allotetraploid Peanut (*Arachis hypogaea*). https://apresinc.com/wp-content/uploads/2019/07/Ballen-TabordaC-Abstract-2019.pdf

303. Leal-Bertioli SCM, HT Stalker, CC Holbrook, P Ozias-Akins, Y Chu, J Clevenger, DJ Bertioli. 2019. The Worldwide Influence of the Wild Species, *A. cardenasii*, on the Peanut Crop. https://apresinc.com/wp-content/uploads/2019/07/BertioliS-Abstract-2019.pdf.

304. Fonceka D, A. Sambou, HA Tossim, D Okello, JF Rami, D Bertioli, S Leal-Bertioli, P Ozias-Akins. 2019. Mobilizing Genetic Diversity for Strengthening Peanut Breeding Program in Africa and the US. https://apresinc.com/wp-content/uploads/2019/07/FoncekaD-Abstract-2019.pdf.

305. Fountain JC, RC Kemerait, Y Chu, P Ozias-Akins, ZY Chen, K Wang, Y Yang, B Guo. 2019. Genetic Transformation to Mitigate Drought and Aflatoxin-Related Losses in Peanut. https://apresinc.com/wp-content/uploads/2019/07/FountainJ-Abstract-2019.pdf.

306. Gao DY, C Ballén-Taborda, H Xia, SCM Leal-Bertioli, DJ Bertioli, S Jackson, E Bellard, ACG Araujo, Y Chu, P Ozias-Akins. 2019. Development of New Synthetic Tetraploid Wild Peanuts.

307. Holbrook CC, S Lamon, Y Chu, P Ozias-Akins, AK Culbreath, D Bertioli, SCM Leal-Bertioli, I Godoy. 2019. Field Evaluation of Peanut Lines with Introgressions Conferring Resistance to Late Leaf Spot. https://apresinc.com/wp-content/uploads/2019/07/HolbrookC-Abstract-2019.pdf.

308. Jiang T, CY Chen, LL Dean, ML Wang, PM Dang, CC Holbrook, Y Chu, JP Clevenger, P Ozias-Akins 2019. Genome-Wide Association Study of Sweet, Bitter and Roasted Sensory Attributes in Cultivated Peanut. https://apresinc.com/wp-content/uploads/2019/07/JiangT-Abstract-2019.pdf.

309. Levinson CM, Y Chu, P Ozias-Akins, CC Holbrook. 2019. Harnessing the Wild Side of Peanuts: Morphological and Reproductive Characterization of Wild Peanut Relative-derived Synthetic Tetraploids. https://apresinc.com/wp-content/uploads/2019/09/LevinsonC-Abstract-2019.pdf.

310. Patel J, T Jiang, CY Chen, ML Wang, LL Dean, PM Dang, M Lamb, Y Chu, JP Clevenger, P Ozias-Akins, C.C.Holbrook. 2019. Genome-Wide Association Study of Pod and Seed Quality Traits in Peanut. https://apresinc.com/wp-content/uploads/2019/09/PatelJ-Abstract-2019.pdf.

OTHER SCIENTIFIC PUBLICATIONS

1. Ozias-Akins, P. 1981. Cell proliferation and morphogenesis in tissue cultures of *Triticum aestivum* L. Ph.D. Thesis, University of Florida, Gainesville.

ALL OTHER PUBLICATIONS

1. Ozias-Akins, P. 1989. Genetic engineering and agriculture. Tifton Gazette.

PROFESSIONAL AND PROFESSIONAL SOCIETY ACTIVITIES

Professional meetings attended, papers given at meetings, and lectures given to professional groups

1983 Sixth Intern'l. Protoplast Symposium, August 12-16, Basel, Switzerland

1984 Instructor and workshop lecturer, European Molecular Biology Organization course on "Higher Plant Protoplasts and Somatic Cell Genetics", Mar.18-31, Cologne, FRG

1984 **Invited speaker**, workshop on symposium, "Propagation of Higher Plants Through Tissue Culture: III. Development and Variation", September 9-13, University of Tennessee, Knoxville

1985 Special **invited guest** and assistant faculty, Institute for Advanced Studies course on "Plant Cell and Tissue Culture", April 1-12, Caracas, Venezuela

1985 Presentation First International Congress Plant Molecular Biology, Oct27-Nov2, Savannah Ga

1986 VI International Congress Plant Tissue & Cell Culture, Aug3-18, University Minnesota, Minneapolis

1987 Presentation UCLA Symposium Plant Gene Systems and Their Biology, Feb. 2-8, Tamarron, Colorado

1987 Presentation at 7th International Protoplast Symposium, Dec. 6-11, Wageningen, The Netherlands

1987 Present International Course Plant Tissue Culture:Advances & Problems Ap27-Ma9 Santiago, Chile

1988 Presentation at Second International Congress of Plant Molecular Biology, Jerusalem, Nov. 13-18

1988 Presentation to Georgia Agricultural Commodity Commission for Peanuts, Tifton, GA, Jan. 13

1988 **Invited presentation** at Annu. Res. Rpt & Planning Session of USDA Plant Resistance/Germplasm Enhancement Research Unit, Tifton, GA, Feb. 19

1989 Presentation to Georgia Agricultural Commodity Commission for Peanuts, Tifton, Georgia, Jan. 11.

1989 Presented research highlights 3rd Annu Res Conf, UGA CPES, Tifton, GA, Feb. 24.

1989 Presentation to Sweet Potato Research Support Committee meeting, Tifton, GA, Feb. 28.

1989 Presentation annu mtg American Peanut Research Education Society, Winston-Salem, NC, July 11-14.

1989 Presentation at Horticultural Biotechnology Symposium, University of California, Davis, Aug. 21-23.

1989 **Invited paper** presented in Symposium on Transfer of Agric. Biotechnology to the Field, 81st Annu. Mtg. American Society of Agronomy, Las Vegas, Oct. 15-20.

1989 Presentation faculty retreat, Center Plant Cellular and Molecular Biology, Unicoi State Park, Dec. 8-9.

1990 Report to Ga. Agric. Commodity Commission for Peanuts, Tifton, Jan.

1990 Seminar on "Genome Analysis" presented in Coastal Plain Experiment Station seminar series, Mar. 8

1990 Presentation 22nd annu mtg. Amer. Peanut Research Education Soc, Stone Mountain, Ga.,

July 10-12

1990 Presentation to Ga. Peanut Tour participants, Tifton, Aug. 28.

1990 Presentation at 87th annual mtg. of ASHS, Tucson, AZ, Nov. 4-8.

1991 Present Keystone Symposium, "Genetic Dissection Plant Cell Processes", Jan10-17, Keystone, CO

1991 Report to the Georgia Agricultural Commodity Commission for Peanuts, Feb. 13, Tifton, Georgia.

1991 **Invited paper** presented at Rockefeller Foundation Conference, "The Establishment of a Sorghum and Millet RFLP Network to Support Breeding in Developing Countries", May 6-10, Bellagio, Italy.

1991 Paper present "International Conf on Sweetpotato Technology for 21st Century", Jun2-6, Montgomery

1991 **Invited paper** 23rd annu mtg Amer Peanut Res Edu Soc, July 9-12, San Antonio, Texas.

1991 Presentation 3rd Congress of International Soc of Plant Molecular Biology, Oct. 6-11, Tucson, Arizona.

1991 **Invited Presentation** at Aflatoxin Elimination Workshop, Oct. 21-22, Atlanta, Georgia.

1991 Presentation to high-school chemistry teachers at National Chemistry Week program sponsored by the South Georgia Youth Science and Technology Center, Nov. 7, Tifton.

1991 Presented seminar, "Genetic Relationships Among Apomictic and Sexual *Pennisetum* Species and Interspecific Hybrids", to Horticulture Department, UGA, Athens, Nov. 12, Athens, Georgia.

1991 Present Plant Center Cellular Molecular Biology Faculty Retreat, Dec9-10, Unicoi State Park, Ga.

1992 USDA Workshop on Apomixis, Atlanta, Ga. Molecular research on apomixis in *Pennisetum*.

1992 SRIEG 60 Meeting on Peanut Molecular Biology, Gainesville, Fla. Somatic embryogenesis in peanut.

1992 **Invited presentation** at ICRISAT Workshop on Transformation and Regeneration of Groundnut, Wageningen, The Netherlands. Regeneration and transformation of embryogenic peanut cultures.

1992 24th annu mtg Amer Peanut Res Edu Soc, Norfolk-Va, Regeneration of transgenic shoots from long-term embryogenic cultures of *Arachis hypogaea*.

1992 Ga Agric Commodity Commission Peanuts annu mtg Tifton- Cell culture techniques peanut improve

1992 Presentation at Aflatoxin Elimination Workshop, Nov 1-3, Fresno, CA

1992 **Invited presentation** "Peanut biotechnology-NCR-142 Tech Comm-Economics of Agric. BioTech.

1992 **Invited presentation** "Apomixis in *Pennisetum* - Molecular markers in genetic analysis of the trait) at Symposium on Frontiers in Plant Biotech., Nov 25-27, Indian Agric. Res. Institute, Delhi, India.

1993 Report to the Ga. Agric. Commodity Commission for Peanuts, Feb. 10, Tifton

1993 Report to the National Peanut Foundation, Feb. 25, Atlanta

1993 Attended SRIEG 60 meeting on Peanut Molecular Biology, Feb. 26, Athens

1993 **Invited presentation** "Molecular Markers Plant Breeding", SW Ga. Section Amer. Chem. Soc., Mar. 18.

1993 Presented "Molecular markers linked w/apomixis: Evolutionary & breeding implications.

ODA Conf Molecular Markers in Sorghum & Pearl Millet Developing Countries. Norwich, UK, Mar. 29-Apr. 1

1993 **Invited presentation** "Apomixis *Pennisetum*-Developmental Molecular Approaches" Genetics Seminar, Athens

1993 Attended American Peanut Research and Education Society Annu. Mtg., July 13-16, Huntsville, Ala.

1993 **Invited Presentation**: Molecular markers for apomixis in *Pennisetum.* Apomixis Workshop. International Rice Research Institute, Oct. 11-13, Manila, Philippines

1993 Presented: Transformation systems for peanut - Evaluation of alternatives. USDA Aflatoxin Elimination Workshop, Oct. 24-26, Little Rock, Ark.

1993 Attended Plant Center Retreat, Dec. 6-7, Unicoi

1994 Attended Plant Center Retreat, Amicalola Falls, Dec. 12-13.

1994 Participant, 3rd IEG-60 Peanut Molecular Biology, Raleigh NC, Feb 23-24

1994 Presented "Genetic engineering of peanut-insertion of 4 genes that may offer disease resistance strategies," Aflatoxin Elimination Wkshp, St Louis, Oct 24-25

1994 Presented "Molecular markers for apomictic reproduction: RFLPs, RAPDs, and STSs," Improved Crop & Plant Products through Biotechnology Symposium, Keystone, Colo., Jan. 9-16.

1994 **Invited presentation**, "DNA fingerprinting" Ga. Hort. Soc., Oct. 19-20, Tifton.

1994 Attended Ga-Fla Cooperative Fruit-Vegetable Res/Ext mtg., Tifton, May 17-18

1994 **Invited presentation** "Biotechnology advances in peanut" Practicing Agronomists Wkshp, Annu. mtg. South. Assoc. Ag. Sci., Nashville, Feb. 9.

1994 Section Chair-Postharvest/Biotechnology "Molecular markers for apomixis in *Pennisetum.*" SR-Amer. Soc. Hort. Sci., Nashville, Feb. 5-8.

1995 Presentation at Plant Genome IV, "Molecular markers for apomixis," 15-19 Jan, San Diego, CA.

1995 Report-National Peanut Foundation "Genetic Engineering of Peanut for Fungal Resistance," Atlanta.

1995 **Invited presentation** "Plant Sci & Genetic Engineering" Leadership Ga mtg, HiTech-HiTouch, Newnan, Ga.

1995 **Invited presentation**, "*In vitro* culture and plant transformation," in symposium on "Peanut Molecular Biology" at American Peanut Research and Education Society annu. mtg., 11-14 July, Charlotte, NC.

1995 Presentation at International Conference on 'Harnessing Apomixis' entitled, "Molecular mapping of apomixis in Pennisetum," 25-27 Sept. College Station, Tx.

1995 **Invited seminar** "Genetic transformation of Peanut using Microprojectile Bombardment" Plant Path & Microbiology, Distinguished Visitor Seminar Series, Tx A&M Univ 28 Sept College Station, TX.

1995 Presentation at USDA Aflatoxin Elimination Symposium, "Peanut genetic engineering - Progress with Bt and Function of a Soybean Promoter in Peanut," 23-24 Oct. Atlanta, Ga.

1995 **Invited speaker** symposium:Biotechnology 1890 Institutions, "Map-based cloning Strategies for Isolation of Apomixis Gene," Fla A&M Univ, 8-10 Nov., Tallahassee, FL.

1995 **Invited speaker** at 1995 Georgia Vegetable and Small Fruit Conference and Trade Show, presentation entitled "What defines biotechnology and how will it help agriculture' 28 Nov, Tifton, Ga.

1996 Presentation at Plant Genome IV, "Molecular Markers Linked with Apomixis in

Pennisetum", 14-18 Jan, San Diego CA.

1996 **Invited speaker** at International Apomixis Research Initiative Meeting CIMMYT, "Mapping Apomixis in *Pennisetum*", 22-24 Jan., Mexico City, Mexico.

1996 Report to the Georgia Agricultural Commodity Commission for Peanuts, Feb. 7, Tifton, Ga.

1996 Report to the National Peanut Foundation, 29 Feb, Atlanta, Ga.

1996 **Invited Seminar** "Molecular Mapping," School of Agriculture and Forestry, Univ of Chile, 20 March, Santiago, Chile.

1996 **Invited seminar** "Molecular Mapping of Apomixis Genes," Ceregen/Monsanto, 25 April, St. Louis, MO

1996 **Invited seminar** "Molecular Mapping of Apomixis in *Pennisetum*," USDA-ARS National Rice Germplasm Evaluation and Enhancement Center, 14 May, Stuttgart, AR.

1996 **Invited symposium presentation** "Production of Fertile Transgenic Peanut Plants through Microprojectile Bombardment of Embryogenic Tissues," 1996 World Congress on In Vitro Biology, 20-27 June, San Francisco, CA.

1996 Oral presentation "Expression of GUS Under the Control of a Soybean Promoter Modulated by Carbohydrates, Wounding, and Other Factors in Transgenic Peanut," Annual Meeting of the American Peanut Research and Education Society, 9-12 July, Orlando, Fla.

1996 **Invited seminar** "Molecular Mapping of Apomixis in *Pennisetum*," Hunan Hybrid Rice Research Center, 18 Sept., Changsha, Hunan Province, PR China.

1996 **Invited seminar** "Molecular Mapping of Apomixis in *Pennisetum*," Rice Research Institute of Sichuan Agricultural University, 20 Sept., Wenjiang, Sichuan Province, PR China.

1996 **Invited seminar** "Molecular Mapping of Apomixis in *Pennisetum*," Huazhong Agric. Univ., 24 Sept., Wuhan, Hubei Province, P R China.

1996 **Invited seminar** "Molecular Mapping of Apomixis in *Pennisetum*," China National Rice Research Institute, 26 Sept., Hangzhou, Zhejiang Province, PR China.

1996 Presentation at USDA Aflatoxin Elimination Workshop "Promoter Function and Pest Resistance in Transgenic Peanut," 27-29 Oct., Fresno, CA.

1996 Presentation at USDA Aflatoxin Elimination workshop "Engineering and Cloning of Seed Lipoxygenases in Peanut," 27-29 Oct., Fresno, CA.

1997 "Genetic engineering of peanut for fungal resistance." National Peanut Foundation, 4 Apr., Atlanta, GA

1997 "Apomixis and genome structure in *Pennisetum*." Keystone Symposium on Evolution of Plant Development, 20-26 Jan., Taos, NM.

1997 "Inheritance and expression of transgenes in peanut." Annual Meeting of the American Peanut Research and Education Society, 8-11 July, San Antonio, TX.

1997 "Expression and inheritance of transgenes in peanut - greenhouse and field studies." USDA Aflatoxin Elimination Workshop, 26-28 Oct., Memphis, TN

1998 **Invited presentation** "Apomixis markers in grasses" Turfgrass Genetic Analysis Workshop, 2-3 Mar., Griffin,GA

1998 "Genetic engineering of peanuts which are resistant to insects and fungi" National Peanut Foundation, 25 Mar, Albany, GA

1998 **Invited presentation** "Molecular mapping of apomixis in *Pennisetum*" International Workshop on Utilization of Transgenic Plants and Genome Analysis in Forage Crops, 17-

18 Mar, Nishinasuno, Tochigi, Japan

1998 **Invited seminar** "Molecular mapping of apomixis in *Pennisetum*" seminar, Faculty of Agriculture, 19 Mar, Miyazaki University, Miyazaki, Japan

1998 **Invited presentation** "Conservation and consequences of unique sequences near the apomixis locus in *Pennisetum squamulatum*." Rockefeller Foundation Conference on Designing a Research Strategy for Achieving Asexual reproduction in Cereals, 27 Apr-1 May, Bellagio, Italy

1998 "Genetic engineering of peanut for reduction of aflatoxin contamination" USDA Aflatoxin Elimination Workshop, 26-27 Oct, St. Louis, MO

1998 "Genetic Engineering of a Reproductive Trait: Rewards and Risks" seminar, University of Georgia Department of Horticulture, 17 Nov, Athens, GA

1999 Plant and Animal Genome VII, Jan. 16-21, San Diego, CA

1999 Plant Center Retreat, May 10-11, Unicoi State Park

1999 "Evaluation of transgenic peanut containing a Bt gene for endotoxin for resistance to the corn earworm, fall armyworm, velvetbean caterpillar, lesser cornstalk borer, and aflatoxin contamination", Georgia Agricultural Commodity Commission for Peanuts, Feb. 10, Tifton, GA.

1999 "Genetic engineering of peanut for reduction of aflatoxin contamination", Peanut Foundation Project Reviews, Mar. 16, Albany, GA.

1999 "Genetic engineering of peanut to approach the peanut allergen issue", Peanut Allergy Seminar, Aug. 17, NESPAL, Tifton, GA.

1999 "Genetic engineering of peanut for reduction of aflatoxin contamination", USDA Multi-Crop Aflatoxin Elimination Workshop, Oct. 21-22, Atlanta, GA.

1999 **Invited lecture** in AGG2362 "Seeds of Change" on Peanut Engineered with the Bt Gene, Feb. 19, University of Florida, Gainesville

1999 **Invited seminar**, Biological and Agricultural Engineering, "Genetic engineering of peanuts: Techniques, problems and opportunities", Apr. 7, University of Georgia, Athens.

1999 **Invited symposium speaker**, Embryology and Genetics of Apomixis, talk entitled, Conservation of apospory-linked genomic sequences among closely related panicoid apomicts, Jun. 4, Wageningen Agricultural University, Wageningen, The Netherlands.

1999 **Invited seminar**, Center for Applied Plant Molecular Biology, Apomixis in *Pennisetum* Species, Jun. 21, University of Hamburg, Germany

1999 **Invited seminar** - genetics group, Conservation of Apospory-Linked Genomic Sequences Among *Pennisetum/Cenchrus* Species, Oct. 6, Clemson University

1999 **Invited speaker**, Cotton Production Workshop, "How Transgenic Crops are "Made", Dec. 15-16, University of Georgia Rural Development Center, Tifton, GA

2000 Ozias-Akins, P., R. Gill, and H. Yang. Reduction of aflatoxin contamination in peanut: A genetic engineering approach. (**invited symposium presentation**) American Chemical Society Spring Meeting, Mar. 26-30, San Francisco, CA

2000 Ozias-Akins, P., D. Roche, J.A. Conner, and W.W. Hanna. A comparative genome approach for the analysis of apomixis. (**invited symposium presentation**) International Association of Sexual Plant Reproduction Research, Apr. 1-5, Banff, Canada

2000 Ozias-Akins, P. Genetic engineering of *Arachis*. (**invited symposium presentation**) American Peanut Research and Education Society Annual Meeting, Jul. 11-14, Point Clear, AL

2000 Ozias-Akins, P., H. Yang, E. Roberson, Y. Akasaka, and R. Lynch. Genetic engineering

of peanut for reduction of aflatoxin contamination. Aflatoxin Elimination Workshop, Oct. 25-27, Yosemite, CA

2000 Peanut engineered with the Bt gene. **guest lecture** in AGG 2362 - Seeds of Change, Feb. 23, 2000, University of Florida, Gainesville, FL

2000 Genetic engineering of peanut for reduction of aflatoxin contamination. Peanut Foundation research reports, Mar. 14, 2000, Albany, GA

2000 **Invited presentation**, A comparative genome approach for the analysis of apomixis. CERES (a biotechnology company), May 24, 2000, Malibu, CA

2001 **Invited presentation**, "Apomixis in *Pennisetum*". Plant and Animal Genome IX, Jan 13-18, 2001, San Diego, CA

2001 **Invited speaker**, 2nd International Apomixis Symposium, 24-28 April, Italy

2001 **Invited lecture** in AGG2362 "Seeds of Change" on Peanut Engineered with the Bt Gene, February, University of Florida, Gainesville.

2001 Production and Analysis of Transgenic Peanut Plants Containing a Truncated Tomato Spotted Wilt Virus N-protein Gene That Could Confer Resistance to Tomato Spotted Wilt Virus, Georgia Agricultural Commodity Commission Annual Reports, 7 Feb., Tifton, GA

2001 Genetic Engineering of Peanut for Reduction of Aflatoxin Contamination, Peanut Foundation Reports, 27 Mar., Albany, GA

2001 **Invited presentation** on Genetically engineered crops, Georgia Farm Bureau Annual Meeting, Aug., Macon, GA

2001 **Invited presentation** on "Peanut Allergen Gene Characterization and Tool Development for Gene Silencing", Fairfax, VA

2001 **Invited presentation**, "Potential for genetic engineering in turf", 55th Annual Southeastern Turfgrass Conf., Tifton, GA

2001 Transgenic peanut for preharvest aflatoxin reduction, USDA Aflatoxin Elimination Workshop, 24-26 Oct., Phoenix, AZ

2002 **Invited workshop presentation**, "Architecture of the Apomixis Locus in *Pennisetum/Cenchrus*". Apomixis Workshop at the Plant and Animal Genome X, Jan 12-16, 2002, San Diego, CA

2002 **Invited workshop presentation**, "Quest for Apomixis Genes in Grasses". Forage and Turfgrass Workshop at the Plant and Animal Genome X, Jan 12-16, 2002, San Diego, CA

2002 "Production and Analysis of Transgenic Peanut Plants with Pathogen-derived Resistance to Tomato Spotted Wilt Virus", Georgia Agricultural Commodity Commission Reports, Feb. 13, 2002, Tifton, GA

2002 **Invited seminar**, "Apomixis: Eternal Celibacy?", Horticulture Seminar Series, Feb. 27, 2002, Athens GA

2002 "Genetic Engineering of Peanut for Reduction of Aflatoxin Contamination", Peanut Foundation Reports, Apr. 9, 2002, Albany, GA

2002 **Invited seminar**, "Genome Oddities In a Selfish Angiosperm", Molecular and Environmental Plant Science Interdisciplinary Seminar Series, Texas A&M University, Apr. 25, 2002, College Station, TX

2002 **Invited symposium presentation**, "Peanut Better and Jelly Sandwiches (Peanut Improvement Through Biotechnology)", Plant Center Retreat, May 13-14, 2002, Amicalola Falls, GA

2002 **Invited symposium presentation**, "Genomic Structure Of The Apomixis Locus In *Pennisetum*", International Association of Plant Tissue Culture and Biotechnology, Jun.

24-28, 2002, Orlando, FL

2002 "Field Resistance to Tomato Spotted Wilt Virus in a Transgenic Peanut (*Arachis hypogaea* L.)", American Peanut Research and Education Society, Jul 16-19, 2002, Research Triangle Park, NC

2002 Poster presentation, "Aligning Physical and Functional Maps of a Genomic Region Spanning the Apomixis Locus by Exploiting Model Cereal Genomics", National Science Foundation Plant Genome Research Program Investigators' Meeting, Sept. 26-27, 2002, Arlington, VA

2002 "Genetic Engineering Of Peanut For Reduction Of Aflatoxin Contamination", Aflatoxin Elimination Workshop, Oct. 21-25, 2002, San Antonio, TX

2002 **Invited symposium presentation**, "Molecular Cytogenetic Characterization of Apomictic Introgression Lines of Millet", ASA-CSSA-SSSA Annual Meeting, Nov. 10-14, 2002, Indianapolis, IN

2003 **Invited workshop presentation**, "Characterization of the genomic region associated with the transmission of apomixis in P*ennisetum* and C*enchrus*". Apomixis Workshop at the Plant and Animal Genome XI, Jan 11-15, 2003, San Diego, CA

2003 **Oral presentation** "Genetic Engineering of Peanut for Reduction of Aflatoxin Contamination", Peanut Foundation Reports, Mar. 18, 2003, Atlanta, GA

2003 **Poster presentation**, "Aligning Physical and Functional Maps of a Genomic Region Spanning the Apomixis Locus by Exploiting Model Cereal Genomics", National Science Foundation Plant Genome Research Program Investigators' Meeting, Sept. 18-20, 2003, Arlington, VA

2003 **Oral presentation "**Genetic Engineering Of Peanut For Reduction Of Aflatoxin Contamination", Aflatoxin Elimination Workshop, Oct. 13-15, 2003, Savannah, GA

2003 **Invited colloquium presentation**, "Molecular characterization of the genomic region associated with apomixis in *Pennisetum*", Nov. 20-21, 2003, Sakai, Osaka, Japan

2003 **Attended** Annual meeting of the Society for In Vitro Biology, 01-04 Jun., 2003

2003 **Attended** Annual Meeting of the American Peanut Research and Education Society, 08-10 Jul., 2003

2004 **Oral presentation**, "TILLING for a reduced allergen peanut", Georgia Agricultural Commodity Commission Reports, 11 Feb

2004 **Poster presentation**, "Initial Genotyping of Bermudagrass Plant Accessions Using Genetic and Chemical Approaches", Anderson, W.F., M.E. Shook, P. Ozias-Akins, Keystone Symposium on Comparative Genomics of Plants, Taos, New Mexico, 4-9 March

2004 **Oral presentation** to Georgia Science Supervisor's Association, Tifton, GA, 18 Mar

2004 **Oral presentation**, "Genetic engineering of peanut for reduction of aflatoxin contamination", Peanut Foundation Reports, Atlanta, GA, 24 Mar

2004 **Oral presentation**, "TILLING for a reduced allergen peanut", Peanut Foundation Reports, Atlanta, GA, 24 Mar

2004 **Attended**, along with two postdocs, the Annual Meeting of the Society for In Vitro Biology, San Francisco, CA, 22-26 May

2004 **Oral presentation**, "Genetic engineering of peanut for disease resistance", American Peanut Research and Education Society, San Antonio, TX, 13-16 July

2004 **Poster presentation**, "Aligning physical and functional maps of a genomic region spanning the apomixis locus by exploiting model cereal genomics", 7th Annual NSF Plant Genome Awardees Meeting, Arlington, VA, 23-24 September

2004 **Oral presentation**, "Introduction of antifungal genes into peanut", 17th Annual Multi-Crop Aflatoxin Elimination Workshop, Sacramento, CA, 25-28 Oct

2004 **Attended** NCFAP-sponsored workshop, "Public Research and Regulatory Review of Small-Market Biotechnology-Derived Crops", Riverdale, MD, 8 Nov

2004 **Participated** in NSF-sponsored workshop, "Sorghum Genomics", St. Louis, MO, 9 Nov

2004 **Attended** (a postdoc presented our work) "Southeastern Tospovirus Conference", Tifton, GA, 2 Dec

2005 **Invited workshop presentation**, "Physical and functional characteristics of the genomic region associated with apomixis in *Pennisetum*", Apomixis Workshop at the Plant and Animal Genome XIII, Jan 15-19, 2005, San Diego, CA

2005 **Panel member and discussant**, research plots at the Fifty-ninth Annual Southeastern Turfgrass Conference, May 2-3, 2005, Tifton, GA

2005 Presented paper entitled, "Marker-assisted selection for nematode resistance" at the annual meeting of the American Peanut Research and Education Society, 11-15 Jul, Portsmouth, VA. Paper has been nominated for the Bailey Award

2005 **Invited presentation**, "Genes Linked with Apomixis: Identification and Characterization, International Botanical Congress, 17-23 July, Vienna, Austria

2006 **Invited workshop presentation**, "Comparative Mapping of a Genomic Region Transmitting Apomixis.", Apomixis Workshop at the Plant and Animal Genome XIV, Jan 14-18, 2006, San Diego, CA

2006 Invited Seminar, Peanut Biotechnology: Progress And Prospects. USDA-ARS Seminar Series, Griffin Campus, 8 Mar, Griffin, GA

2006 **Panel member and discussant**, research plots at the 60th Annual Southeastern Turfgrass Conference, May 1-2, Tifton, GA

2006 Presented paper entitled, "Bcl-xL Transformed Peanut (*Arachis hypogaea*) Exhibits Paraquat and Salt Tolerance in F1 Progenies," at the annual meeting of the American Peanut research and Education Society, 10-14 Jul, Savannah, GA. Paper has been nominated for the Bailey Award

2006 **Invited presentation,** Biotechnological approaches for silencing allergen genes in plants. American Chemical Society Food Allergen Symposium, 11 Sept., San Francisco, CA

2006 Presented paper entitled, "Host genetic components for aflatoxin reduction strategies in peanut." 18th Annual Multi-crop Aflatoxin Elimination Workshop. 16-18 Oct., Fort Worth, TX.

2007 **Invited workshop presentation**, "Reproductive gene candidates linked with apomixis.", Apomixis Workshop at the Plant and Animal Genome XV, Jan 13-17, 2006, San Diego, CA

2007 Oral presentation, "TILLING for a reduced allergen peanut", Peanut Foundation Reports, Atlanta, GA, 21 Mar

2007 Oral presentation, "Spontaneous and induced variation in peanut seed protein", Annual Meeting of the Society for In Vitro Biology, 9-13 Jun, Indianapolis, IN.

2007 **Invited presentation**, "Structure of the ASGR in *Pennisetum* and implications for maintenance and transmission of apomixis." 3rd Intl. Apomixis Conf., 27 Jun-01 Jul, Wernigerode, Germany.

2007 **Invited presentation**, "Evaluating variability of allergens in commodity crops." New Methods Workshop, ILSI-HESI Protein Allergenicity Technical Committee, 23-25 Oct., Nice, France.

2007 **Invited presentation**, "Forage biotechnology." Intl. Symp. on Forage Breeding, 5-7 Nov., EMBRAPA Beef Cattle, Campo Grande, M.S., Brazil.

2008 **Invited presentation**, "Structure of a chromosomal region transmitting apomixis and its evolutionary similarity with other non-recombining genomic regions". Plant and Animal Genome XVI, 12-16 Jan, San Diego, CA

2008 Oral presentation, "TILLING for a reduced allergen peanut", GACCP Reports, 13 Feb, Tifton, GA

2008 Oral presentation, "TILLING for a reduced allergen peanut", Peanut Foundation Reports, 12 Mar, Alexandria, VA

2008 **Invited seminar**, "Molecular genetics of aposporous apomixis in a grass species", Pioneer Hi-Bred, Johnston, IA

2008 **Invited presentation**, "Can molecular transformation reduce pesticide use?" 62nd Annual Southeastern Turfgrass Conference, 5-6 May, Tifton, GA

2008 **Invited seminar**, "Genetic modification of peanut for pathogen resistance and seed traits", 25 Aug, University of Missouri, Columbia, MO

2008 **Invited presentation**, "Peanut biotechnology and molecular breeding", Peanut Tour Hot Topics, 16 Sept, Cordele, GA

2008 **Invited presentation**, "Apomixis and peanut biotechnology research", Institute of Plant Breeding, Genetics, and Genomics Retreat, 18 Dec, Tifton, GA

2009 **Invited presentation**, "Peanut Allergen Reduction", Consortium for Plant Biotechnology Research Annual Meeting, 10-11 Feb, Washington, D.C.

2009 Oral presentation, "Peanut mutant collections to target reduced allergen or aflatoxin", Peanut Foundation Reports, 9-11 Mar, Washington, D.C.

2009 **Invited presentation**, "Transgenic turf", 63rd Annual Southeastern Turfgrass Conference, 04-05 May, Tifton, GA.

2009 Oral presentation, "Apomixis in Crops: Hope or Hype?", Society for In Vitro Biology Annual Meeting, 5-10 Jun, Charleston, S.C.

2009 "NESPAL Mission", CAES Advisory Council Meeting, 26 Aug.

2009 **Invited presentation**, APOMIXIS: Occurrence, Developmental Characteristics, and Molecular Genetic Analysis in Pennisetum. Institute of Genetics and Developmental Biology, Chinese Academy of Sciences, Beijing, 24 Sept.

2009 **Invited presentation,** APOMIXIS: Occurrence, Developmental Characteristics, and Molecular Genetic Analysis in *Pennisetum*. Department of Life Sciences, Northeastern Forestry University, Harbin, China, 25 Sept.

2009 **Invited presentation**, *Pennisetum* as the Grass Model for Aposporous Apomixis, International Plant Molecular Biology Symposium, St. Louis, 28 Oct.

2009 **Invited presentation**, *Pennisetum* as the Grass Model for Aposporous Apomixis, National Chemical Laboratory, Pune, India, 05 Nov.

2009 **Invited presentation**, *Pennisetum* as the Grass Model for Aposporous Apomixis, ICRISAT, Hyderabad, India, 06 Nov.

2009 **Invited presentation**, Genetic engineering future crops, Certified Crop Advisors Short Course, 11 Dec.

2010 **Invited presentation**, Mendelian Genetics of Apomixis in Plants, Green Plant Breeding Symposium, Vienna, 02-05 Feb.

2010 **Invited seminar**, *Pennisetum* as a model to study apomixis in grasses. DuPont, Wilmington, DE, 04 Mar.

2010 Oral presentation, Marker-assisted breeding for peanut, Peanut Genomics Initiative Meeting, Washington, D.C., 09 Mar.

2010 Oral presentation, Peanut mutant collections to target reduced allergen or aflatoxin: Enhancing a TILLING resource for peanut. Peanut Foundation Reports, Washington, D.C., 10 Mar.

2010 **Invited speaker**, Sigma Alpha Professional Agricultural Sorority, Celebrate Women in Agricultural and Environmental Sciences, Athens, GA, 02 Apr.

2010 Oral presentation, Characterization of a TILLING Resource for Peanut Mutants. APRES, Clearwater Beach, FL, 12-15 July.

2010 **Invited Keynote Speaker**, 57th Annual Convention of the National Consortium for Specialized Secondary Schools of Mathematics, Science & Technology, 10-14 Nov, Atlanta, GA. http://www.ncsssmst.org/CMFiles/Docs/Fall_Conference_Program-webversion1.pdf

2011 **Invited workshop presentation**, Transcriptional Analysis of Ovules at the Aposporous Initial Stage in *Pennisetum*, Plant and Animal Genome XIX, 15-19 January, San Diego, CA.

2011 Oral presentation, Functional analysis of peanut candidate genes for nematode resistance using a composite plant transformation system, 9 February, Tifton, GA.

2011 Oral presentation, Mutagenesis of peanut for functional genomics and gene targeting. Peanut Foundation Reports, 9 March, Washington, D.C.

2011 **Invited symposium presentation**, Mining for Induced and Natural Variation in Peanut Genes, 5th Advances in Arachis through Genomics and Biotechnology, 13-16 June, Brasilia, Brazil.

2011 **Invited symposium presentation**, Marker-assisted Breeding for Wild Species-derived Traits in Arachis, American Peanut Research and Education Society Annual Meeting, 11-14 July, San Antonio, TX.

2011 **Invited symposium presentation**, Targeted Sequencing of a Chromosome Transmitting Apomixis, International Botanical Congress, 23-30 July, Melbourne, Australia.

2012 **Invited workshop presentation**, Mapping genes to the ASGR-carrier chromosome from apomictic *Pennisetum squamulatum* using heterologous comparative genomic hybridization. Plant and Animal Genome XX, 1-18 January, San Diego, CA.

2012 Oral presentation, Molecular markers for leafspot resistance. Georgia Peanut Commission Reports, 8 Feb, Tifton, GA

2012 Oral presentation, Mutagenesis of peanut for functional genomics and gene targeting, Peanut Foundation Reports, 29 Mar, Atlanta, GA.

2012 **Invited workshop presentation**, Transcriptome sequencing and expression profiling in *Arachis hypogaea*. Peanut Genomics Workshop at the VI International Congress on Legume Genetics and Genomics, 2-7 Oct, Hyderabad, India.

2013 **Invited presentation**, *Pennisetum* as a prototype for apomixis deployment in developing countries, Gates Foundation Convening on Crop Reproductive Biology, 28-29 Jan, Seattle.

2013 Report to the Georgia Peanut Commission, High Resolution Phenotyping of Diverse Peanut Lines, 13 Feb, Tifton.

2013 Report to the Peanut Foundation, Peanut Functional Genomics, 14 Mar, College Park, GA.

2013 Report to the Peanut Foundation, Genotyping by Sequencing to expedite genetic mapping of disease resistance. 14 Mar, College Park, GA.

2013 Advances in Arachis Genomics and Biotechnology, Functional genomic resources in peanut, 17-20 June, Zhengzhou, China.

2013 American Peanut Research and Education Society, Potential Impact of Genomics to Future Peanut Yield Gains, Symposium on Historic Advancements for Yield Gain in Peanut, 8-11 July, Young Harris, GA.

2013 Pioneer, **Invited Seminar**, Sequence Characterization of Apomictic Chromosome Addition Lines for Apomixis Gene Discovery, 4 Sept, Johnston, IA.

2013 ICRISAT Pearl Millet Genome Sequencing Workshop, Sequence Characterization of Apomictic Pearl Millet Introgression Lines for Apomixis Gene Discovery, 13 Sept, via Skype to Hyderabad, India.

2013 Gates Foundation meeting on Capturing Heterosis, **Invited presentation** on Tools from a natural apomict for installation of apomixis in sexual cereals, 30-31 Oct, Hayward, CA.

2013 Peanut and Mycotoxin Innovation Lab PI meeting, Translational Genomics to Reduce Pre-harvest Aflatoxin Contamination of Peanut, 18-19 Oct, Athens, GA.

2013 Report to the Peanut Foundation, Peanut Functional Genomics, 10 Dec, Washington, DC.

2014 **Invited workshop presentation**, *ASGR-BABY BOOM-like* (*ASGR-BBML*) from Apomictic *Pennisetum squamulatum* Confers Parthenogenesis to Transgenic Pearl Millet, Plant and Animal Genome XXII, 10-15 January, San Diego, CA.

2014 Presentation to PRAC review team on Institute of Plant Breeding, Genetics & Genomics, 27 Jan, Athens.

2014 Oral report to Georgia Peanut Commission, High Resolution Phenotyping of Diverse Peanut Lines, 12 Feb, Tifton.

2014 Poster presentation on IPBGG Plant Breeding Activities at Sustainability Symposium, 28 Feb, Athens.

2014 Report on IPBGG activities to Annual Meeting of the Georgia Crop Improvement Association, 13 Mar, Athens.

2014 **Invited seminar**, Peanut Allergen Reduction, Dept. of Food Science Graduate Seminar, 14 Apr., University of Nebraska, Lincoln.

2014 Oral report to USDA-NIFA, The role of a novel apomixis-linked AP2-domain transcription factor in parthenogenetic embryo development, 14 May, Washington, DC.

2014 **Invited seminar**, Clonal Reproduction in Plants – Genetic Components with Utility for Apomixis and Haploid Induction, Department of Biochemistry & Redox Biology Center, 15 Apr., University of Nebraska, Lincoln.

2014 Attended Plant Center Symposium, 07 May, Athens.

2014 Poster presentation, Potential Utility of a Parthenogenesis Gene for Apomixis and Haploid Induction, Society for In Vitro Biology Annual Meeting, 31 May-04 Jun, Savannah.

2014 Oral report to Peanut & Mycotoxin Innovation Lab, Peanut Genomics Project Update, 29 Jul, Rock Eagle.

2014 Attended annual meeting of National Association of Plant Breeders, 5-8 Aug, Minneapolis.

2014 Presentation to New Faculty Tour, How genetics works to increase yield, 14 Aug, Tifton.

2014 **Invited presentation**, Leveraging the Pearl Millet Genome Sequence for Apomixis Research, International Pearl Millet Genome Sequencing Consortium Meeting, ICG9 Conference, 9-11 Sept, Shenzhen, China

2014 **Invited presentation**, Peanut genomics: Enabling more efficient breeding. At Hot Topics session of Georgia Peanut Tour, 16 Sept., Savannah, GA.

2014 Attended Plant Center Retreat, 23-24 Oct, Unicoi State Park.

2014 **Invited presentation**, Potential impact of apomixis on crop production and food security, In: Symposium on Impact of Biotechnology on Food Security, ASA, CSSA, SSSA Intl. Annu. Meet. 2-5 Nov, Long Beach, CA.

2014 **Invited presentation**, The *Arachis* transcriptome, 7th Intl. Conf. Adv. Arachis through Genomics & Biotechnology, 10-14 Nov., Savannah, GA.

2014 **Invited presentation**, Improving peanut quality through genomics and biotechnology, Vth International Congress of Food Science and Technology, 17-19 Nov., Cordoba, Argentina.

2014 **Invited seminar**, Apomixis in *Pennisetum*, INTA – National Institute of Agricultural Technology, 20 Nov, Cordoba, Argentina.

2014 **Invited seminar**, Engineering Parthenogenesis: Utility for Apomixis and Haploid Induction, Interdepartmental Graduate Program in Plant Breeding, Genetics, and Biotechnology Symposium, 12 Dec, Michigan State University, Lansing.

2015 Report on Improving QTL Definition for Disease Resistance Traits to the Peanut Foundation, 8 Dec, Atlanta, GA

2015 **Invited presentation**, Peanut Tissue Culture and Transformation, NSF Plant Transformation Summit, 16-17 Nov, Tampa, FL

2015 **Invited presentation**, Gene expression profiling in cultivated peanut: putative gene functions and candidate gene discovery, Advances in Arachis Genomics and Biotechnology 2015, 5-8 Nov, Brisbane, Australia

2015 **Invited presentation**, A gene for parthenogenesis from a natural apomict is sufficient for haploid parthenogenesis in sexual grasses, 11th International Congress of Plant Molecular Biology, 25-30 Oct, Iguazu Falls, Brazil

2015 **Invited seminar**, Breeding Technologies to Enhance Agricultural Sustainability, Coca-Cola, 9 Oct, Atlanta, GA

2015 **Invited presentation**, Peanut Molecular Markers, APRES Seed Summit, 13 Jul, Charleston, SC

2015 **Invited presentation**, What is biotechnology? Governor's Honors group, 26 Jun, Tifton, GA

2015 Report on Translational Genomics to Reduce Pre-harvest Aflatoxin Contamination of Peanut at Peanut & Mycotoxin Innovation Lab Project Meeting, Cap Hatien, Haiti, 15-18 Jun

2015 **Invited presentation**, Reproductive Development in the Absence of Egg Cell Fertilization, Society for In Vitro Biology Annual Meeting, Tucson, AZ, 31 May- 3 Jun

2015 Report on Egg Cell Parthenogenesis: Clues From Grasses for Sorghum at Capturing Heterosis Project Meeting, Adelaide, Australia, 29 Apr

2015 **Invited seminar**, Creative Breeding: Bridging the Divide to Capture Value from Distant Relatives, University of Adelaide, 28 Apr

2015 **Invited seminar**, Peanut (Groundnut) Biology, Genomics, Breeding, CSIRO, Canberra, Australia, 22 Apr

2015 **Invited presentation**, Concepts on GMOs, Master Gardener's Workshop, 9 Apr Tifton, GA

2015 Report on Expanding Molecular Marker Platforms to Enhance Marker-assisted Breeding in Peanut to Georgia Peanut Commission, 11 Feb, Tifton, GA

2016 **Invited workshop presentation**, Induced Parthenogenesis with an Apomict-Derived Gene, Plant and Animal Genome XXIV, 8-14 January, San Diego, CA.

2016 **Invited participant** at Gates Foundation Convening on "Innovative Techniques for Delivery of Gene-Editing Reagents into Plants", 29-31 Aug, Seattle, WA

2016 Report on," Experimental systems to study natural and induced parthenogenesis," "Capturing Heterosis" project meeting, 23-27 Apr, San Francisco, CA

2016 Report on, "Translational genomics to reduce pre-harvest aflatoxin contamination of peanut," PMIL External Evaluation Team Meeting, 28 Apr, Athens, GA

2016 **Invited presentation**, "Food Allergy," Rotary Club, 8 Jun, Douglas, GA

2016 **Invited presentation**, "Peanut SNP Markers," APRES Seed Summit, 12 Jul, Clearwater, FL

2016 **Invited presentation** to New Faculty Tour, Peanut genomics and breeding, 4 Aug, Tifton, GA

2016 **Invited presentation** at Women in Ag Leadership Lunch and Learn, 5 Aug, Athens GA

2016 Report on, "Translational genomics to reduce pre-harvest aflatoxin contamination of peanut," PMIL Annual Meeting, 18 Aug, Tamale, Ghana

2016 **Invited seminar**, "Clonal reproduction through apomixis," "Reproductive Biology Workshop", 7 Sept, Monsanto, St. Louis, MO

2016 **Invited presentation**, "Improving Peanut Quality and Productivity," Leadership Georgia, 9 Sept, Tifton, GA

2016 **Invited presentation**, "Georgia Peanut Breeding Team," Georgia Peanut Tour Hot Topics, 13 Sept, Tifton, GA

2016 Report on "Expanding Gene Expression Data Utility and Targeted Processes," Peanut Foundation Reports, 6 Dec, Washington DC

2016 Report on "Phenotyping and Genotyping of RIL Populations for Gene Discovery and Marker Development," Peanut Foundation Reports, 6 Dec, Washington DC

2016 Report on "Marker-assisted Breeding for Late Leaf Spot Resistance and Seed Size," Peanut Foundation Reports, 6 Dec, Washington DC

2017 Invited Presentations

Fertilization-independent Embryo Development As a Component of Apomixis, CSSA Translational Genomics Workshop, PAG XXV, 14 Jan, San Diego, CA

A Conserved Apomict-Derived *BabyBoom* Gene Promotes Parthenogenesis in Multiple Cereals, Components of Apomixis Workshop, PAG XXV, 17 Jan, San Diego, CA

Panelist for Increasing Genetic Gains for Food Security in the Developing World, USAID Workshop, PAG XXV, 17 Jan, San Diego, CA

Aflatoxin Permissive Transcriptional States in Peanut Seeds, InterDrought V, 21-25 Feb, Hyderabad, India

Improving Peanut Quality and Productivity: State-federal-industry Collaboration, Peanut Leadership Tour, 7 Mar, Tifton, GA

Gene Co-expression Analysis to Characterize Pest and Disease Response in Peanut, Advances in Arachis through Genomics & Biotechnology, 14-17 Mar, Cordoba, Argentina

Improving Peanut Quality and Productivity: State-federal-industry Collaboration in Breeding, Genetics, and Genomics, SE RESA Workshop, 16 Jun, Tifton, GA

Peanut Genome Project Update, APRES Seed Summit, 11 Jul, Albuquerque, NM

Peanut Breeding: Implications for Farming, NAFEX/NNGA Conference, 14 Aug, Tifton, GA

Engineering Parthenogenetic Cereals for Apomictic Reproduction, BMGF Grand Challenges, 1-4 Oct, Washington, DC

Escalating Peanut Breeding with Enhanced Diversity and Molecular Tools, International Symposium on Plant Genetics, Breeding and Green Production, 3-5 Dec, Shandong Agricultural University, Tai'an, China

Peanut Breeding Enters the Genomics Era, Shandong Peanut Research Institute, 6 Dec, Qingdao, China

Empowering Faculty Workshop presentation, Academic Affairs Faculty Symposium, 1 Apr, Unicoi State Park

2017 Other Presentations

Marker-assisted breeding for late leaf spot resistance and seed size, Report to Georgia Peanut Commission, 9 Feb, Tifton, GA

2018 Invited Presentations

Advances in Genotyping Peanut, a Challenging Polyploid, Legume Workshop, Plant and Animal Genome XXVI, 13 Jan, San Diego, CA

Induced Parthenogenesis in Cereals, International Conference on Sexual Plant Reproduction, 11-16 Jun 2018, Gifu, Japan

Marker-Assisted Selection, Peanut Breeder's Tools Workshop, APRES 2018, 9 July, Williamsburg, VA

Single Nucleotide Polymorphism (SNP) Arrays and Their Interpretation in the Context of Peanut Breeding, Advances in *Arachis* Genomics and Biotechnology 2018, 12-15 Nov, Saly, Senegal

2018 Other Presentations

Marker-Assisted Breeding to Diversify Alleles for Late Leaf Spot Resistance, Report to Georgia Peanut Commission, 7 Feb, Tifton, GA

P2RC Inaugural Symposium, 9 Mar, Athens, GA

Capturing Heterosis project meeting presentation, 3-6 Apr, Palm Cove, Australia

Genetic Analysis of Aflatoxin Resistance, Report to The Peanut Foundation, 4 Dec, Atlanta, GA

2019 Invited Presentations

Peanut Genomics Resources, Workshop on Big Data: Manage your data before your data kills you. Plant and Animal Genome XXVII, 13 Jan, San Diego.

Paths to engineering peanut for reduced allergenicity, Food Allergy Forum, 03 Apr 2019, Amsterdam, The Netherlands.

Peanut "pas de deux" – Genomic Insight into Evolution, Diversity and Breeding, Seminar, University of Zurich, 04 Apr 2019, Zurich, Switzerland.

Advances in transformation and gene activation in cowpea, CapHet Annual Meeting, 09 Apr, Berlin, Germany

Current memberships in professional and honorary societies

American Association for the Advancement of Science
American Peanut Research and Education Society
American Society of Plant Biology
National Association of Plant Breeders
Society for In Vitro Biology
International Association for Plant Sexual Reproduction

National and/or regional offices held and committee assignments, including special assignments

1988-90	Secretary - Sigma Xi Tifton Club
1991	Member, SR-ASHS Committee on 21st Century Needs for SR-ASHS, Feb.-Aug.
1993-97	Postharvest and Biotechnology Section Chair, Southern Region ASHS
1994-00	Associate Editor, Peanut Science
1995-98	Associate Editor, JASHS
1996-07	Associate Editor, *In Vitro Cellular and Developmental Biology Plant*
1998-12	Editor, *Plant Cell Reports*
1998-00	ASHS Outstanding Researcher Award Selection Committee
1998	APRES Coyt T. Wilson Award Committee, Chair
2000	National Research Initiative Competitive Grants Program - Plant Genome Panel
2000	American Peanut Research and Education Society, Dow AgroSciences Awards Committee
2001-02	Co-organizer of Apomixis Workshop, Intl. Plant and Animal Genome Meeting
2001-02	APRES - Dow AgroSciences Awards Committee
2002	Co-organizer of Plant Symposium entitled "Gene Silencing: Use for High Throughput Gene Validation and/or Functional Genomics" for annual meeting of the Society for In Vitro Biology, 01-04 Jun. 2003, Portland, OR
2003	Moderated Plant Symposium entitled "Gene Silencing: Use for High Throughput Gene Validation and/or Functional Genomics" for annual meeting of the Society for In Vitro Biology, 01-04 Jun. 2003, Portland, OR
2003	Society for In Vitro Biology Plant Program Co-Co-Chair
2004	Society for In Vitro Biology Plant Program Co-Chair
2004-05	Co-organizer of Fluorescent Marker Workshop, 2005 Annual Meeting, Society for In Vitro Biology
2004-12	Member, Peanut Genomics Steering Committee
2005-06	Society for In Vitro Biology Plant Program Chair
2006-12	Associate Editor, Peanut Science
2006	Bioinformatics Symposium organizer, 2006 Annual Meeting, Society for In Vitro Biology
2006	Comparative Genomics Symposium co-organizer, 2006 Annual Meeting, Society for In Vitro Biology
2006	Society for In Vitro Biology, Publications Committee
2006-07	Symposium Organizer, 3rd International Apomixis Congress 2007, Wernigerode, Germany
2007	Society for In Vitro Biology, Search Committee for Editor, In Vitro Plant
2008	NSF Plant Genome Panel
2008-10	Society for In Vitro Biology, Plant Biotechnology Section Chair
2008	Society for In Vitro Biology, Symposium on Highlights of Plant Biotechnology in the Southeast, Organizer
2008-10	Peanut Foundation Technical Review Committee
2008-10	Society for in Vitro Biology, Awards Committee
2008-10	APRES, Bailey Awards Committee
2008-09	Symposium co-organizer, International Plant Molecular Biology Congress 2009

2009	Co-organized marker-assisted selection workshop for peanut breeders, Tifton, GA
2010-13	APRES Site Selection Committee
2011-17	Peanut Genome Sequencing Consortium Executive Committee, Co-chair
2012	NSF Plant Genome Panel
2012	USDA-NIFA Competitive Grants Virtual Panel
2012	APRES, organized symposium on Peanut Genomics
2014	Advances in *Arachis* Genomics and Biotechnology, 2014 meeting organizing committee
2014-15	Session organizer/convener for Society for In Vitro Biology 2015 meeting
2014-15	Organizer for "CROPS" International Conference on genomics and breeding
2015	NSF Plant Genome Panel
2015-18	APRES Nominating Committee
2016	APRES, organized symposium on "Translating Genome Sequence to Peanut Improvement"
2016-17	Organizer for "CROPS 2017" International Conference on Genomics and Breeding
2016-19	APRES Board of Directors
2016	Review Team Member, Raymond F. Baker Center for Plant Breeding, Iowa State University, Ames, IA
2016	ASPB Charles Albert Shull Awards Committee
2017	National Association of Plant Breeders, Secretary
2017	NSF Plant Genome Panel
2017-2018	USDA-ARS Project Review Panel Head
2017-2018	BARD Proposal Review Panel
2018	National Association of Plant Breeders, Vice President
2018	Associate Editor, Scientific Reports
2019	National Association of Plant Breeders, President

Honors and Awards

1975	B.S. Magna cum Laude with Honors
1982	Alexander von Humboldt Postdoctoral Fellowship, Max-Planck-Institut für Züchtungsforschung
1993	Tifton Sigma Xi Club Creative Research Award
1993	Georgia Research, Education Award from the Georgia Agricultural Commodity Commission for Peanuts
2002	Tifton Campus Senior Research Scientist Award
2004	Sigma Xi Tifton Chapter Distinguished Service Award
2005	Elected Fellow of the American Peanut Research and Education Society
2007	Two graduate student awards at the Plant Center Retreat, Yajuan Zeng, 3rd place presentation, Heqiang Huo, poster award
2008	Bailey Award as co-author on best presentation at the 2007 American Peanut Research and Education Society meeting
2009	J. Lamar Branch Award (ABAC) for Outstanding Leadership in Agriculture
2009	Ye Chu, postdoc, won 2nd place poster presentation award, Plant Center Retreat
2009	Joe Knoll, postdoc, won 3rd place oral presentation award, SIVB annual meeting
2009	Elected Fellow, American Association for the Advancement of Science.

2010 Peanut Research and Education Award (PREA) from the Peanut Foundation
2010 Ye Chu, postdoc, won 2nd place poster presentation award, Plant Center Retreat
2012 Elected Fellow, Society for In Vitro Biology
2015 Creative Research Medal, University of Georgia
2015 D.W. Brooks Distinguished Professor, University of Georgia CAES
2015 Josh Clevenger, graduate student, won the Glenn and Helen Burton Feeding the Hungry Scholarship Award, Institute of Plant Breeding, Genetics & Genomics
2015 Josh Clevenger, graduate student, won the James L. Carmon Scholarship Award, University of Georgia
2015 Bailey Award as co-author on best presentation at the 2014 American Peanut Research and Education Society meeting
2015 Women's Leadership Fellow
2016 Josh Clevenger, graduate student, won 1st place Joe Sugg Graduate Student Award, Breeding/Genetics/Plant Pathology, APRES
2016 Josh Clevenger, graduate student, 1st Place PhD poster competition – Institute of Plant Breeding, Genetics & Genomics Retreat
2016 Josh Clevenger, graduate student, 2nd Place PhD poster competition – Plant Center Retreat
2016 Michaela Lubbers, Young Scholar, 1st Place oral presentation of research
2017 Distinguished Research Professor, University of Georgia
2018 Kirsten Flinn, Young Scholar, 1st Place oral presentation of research
2019 Bailey Award as co-author on best presentation at the 2018 American Peanut Research and Education Society meeting
2019 Young Scholars Audrey Conner and Cody Beasley won 2nd and 3rd place, respectively, in the poster competition

Instructional Activities

Undergraduate Instruction and Advising

Year	Semester	Average no. of students
2002	Su	1 student - Hosted NSF summer apprenticeship student from FVSU (Daniel Namokoyi)
2003	F	7 advisees – AES Program
2003	Su	3 students – NSF-funded Research Experience for Teachers
2004	Sp	18 students – HORT 4800, Agricultural Biotechnology
2004	Sp, Su	11 advisees – AES Program
2004	Su	4 students - NSF-funded Research Experience for Teachers
2004	Su	1 student – AESC 4960 – Undergraduate Research
2005	Sp, Su	13 advisees – AES Major
2005	Sp	10 students - HORT 4800, Agricultural Biotechnology
2005	Su	4 students - NSF-funded Research Experience for Teachers
2005	F	21 advisees – AES Major
2006	Sp	14 advisees – AES Major

2006	Sp	14 students – HORT 4800, Agricultural Biotechnology
2006	F	14 advisees – AES Major
2007	F	3 students – AESC 4530, Study Tour
2007	Sp, Su, F	14 advisees – AES Major
2007	Sp	9 students – HORT 4800, Agricultural Biotechnology
2008	Sp, Su, F	10 advisees – AES Major
2008	Sp, Su, F	2 students - AESC 4530, Study Tour
2008	Sp	10 students – HORT 4800, Agricultural Biotechnology
2008	Sp	1 student – HORT 6800, Agricultural Biotechnology
2009	Sp	4 students – HORT 4800/6800, Agricultural Biotechnology
2009	Sp, Su, F	10 advisees – AES Major
2010	Sp, Su, F	9 advisees – AES Major
2011	Sp, Su, F	7 advisees – AES Major
2011	Sp	5 students – HORT 4800/6800, Agricultural Biotechnology
2012	Sp, Su, F	6 advisees – AES and Biological Sciences Majors
2012	Sp	10 students – HORT 4800/6800, Agricultural Biotechnology
2013	Sp, Su, F	5 advisees – Biological Sciences
2014	Sp, Su, F	5 advisees – Biological Sciences
2015	Sp, Su, F	5 advisees – Biological Sciences
2016	Sp, Su, F	4 advisees – Biological Sciences
2016	F	4/1 students – HORT 4800/6800, Agricultural Biotechnology
2016	F	1 student, Lolita Munoz – AESC 4960, Undergraduate Research
2016	Su	Young Scholar, Michaela Lubbers
2017	Su	Young Scholar, Katie Kemeness
2018	Su	1 student (Michaela Lubbers) - PBGG 4960, Research
2018	F	6 students – HORT/CRSS 4800/6800, Agricultural Biotechnology
2018	F	hosted IPS student, Razi Ibrahim, for 5-wk rotation
2019	Su	Audrey Conner, Young Scholar
2019	Su	Cody Beasley, Young Scholar

Graduate and Post-graduate Supervision

Year	Degree	Name	Postdoc Assoc.	Visiting Scientist	Major Professor	Advis. Comm.
1987		Frank Laurich		x		
1988		Osamu Doi		x		
1988-90	Ph.D.	Fazal Sultanbawa				x
1988-90	M.S.	Srini Perera			x	
1989		James McNay	x			
1989-93	Ph.D	Aruna Lingamaneni			x	
1990-93		Edward Lubbers	x			
1990-93		Chong Singsit	x			
1992-93		Ravinder Gill	x			
1993-97	Ph.D.	Robert Morgan			x	
1993-94		Bill Anderson	x			

1993-95	Ph.D.	Matthew Bailey				x
1994-95		Aiming Wang		x		
1994-00		Dominique Roche	x			
1994-96		Hanli Fan		x		
1995-97	M.S.	Linhai Zhang				x
1995-98	Ph.D.	Ganesh Panta				x
1995-96	M.S.	Bedri Karakas				x
1996-00	Ph.D	Mary Sledge				x
1996-97		Peisheng Cong		x		
1996		Shaobin Yang		x		
1996-98		Hongyu Yang	x			
1996-97		N.B. Nagarajan		x		
1997-98		Li Tang	x			
1997-98		Ravinder Gill	x			
1997-97		Bettina Lehnhardt		x		
1998-02	Ph.D.	Zhenbang Chen			x	
1998-02		Jason Goldman	x			
1999-04	Ph.D.	Ali Missaoui				x
1999-03	Ph.D.	Rebecca English				x
2000		Cheoung, Y.K.		x		
2000		Vindhiyavarman, P.		x		
2000-01		Yoko Akasaka	x			
2000-05		Shailendra Goel	x			
2000-02		Geraldine Fleming	x			
2000-07		Joann Conner	x			
2001-05		Yukio Akiyama	x			
2001-04		Chen Niu	x			
2002-05		Xiang-Yang Deng	x			
2002		Gustavo Gualtieri	x			
2002-07		Paola Faustinelli		x		
2001-02		Madhumita Joshi		x		
2001-03	Ph.D.	Melanie Newman				x
2002	M.S.	Swapna Ambati			x	
2003-08	Ph.D.	Hequiang Huo			x	
2003-07		Laura Ramos	x			
2003-08		Ye Chu	x			
2004-05		Vishvas Kulkarni		x		
2004-09	Ph.D.	Yajuan Zeng			x	
2004-05		Manojit Basu		x		
2004-08	Ph.D.	Weibo Dong				x
2006		Emidio Albertini		x		
2006-07	Ph.D.	Taryn Kormanik				x
2006-09	Ph.D.	Ryan Contreras				x
2006-07		Manjit Singh	x			
2007-12	Ph.D.	Limei Liu				x
2007-12	Ph.D.	Pawan Kumar				x

2008-13	Ph.D.	Manju Chandran			x	
2008-10	M.S.	Zachary King				x
2008-09		Joseph Knoll	x			
2008-10		Anjanabha Bhattacharya	x			
2010-14	Ph.D.	Rajiv Parvathaneni				x
2010-13	M.S.	Rattandeep Gill			x	
2010-12		Yufang Guo	x			
2010-12		Bindu Simon	x			
2010-12		Mookkan Murugantham	x			
2010-11		Shahid Munir Chohan		x		
2010-11		Muhammad Sarwar		x		
2011-14	Ph.D.	Geoffrey Meru				x
2012-13		Pankaj Kaushal		x		
2012-14	M.S.	Marian Luis				x
2013-16	Ph.D.	Josh Clevenger			x	
2013-18	Ph.D.	Carolina Chavarro			x	
2013-14		Larissa Arrais		x		
2013-14		Keun Chae	x			
2014-17	Ph.D.	Walid Korani			x	
2014-16	Ph.D.	Afia Karikari			x	
2014-16	M.S.	Paige Catotti				x
2014-	Ph.D.	Yuji Ke			x	
2014-15		Thiago Maia	x			
2014-17		Maricel Podio	x			
2015-	Ph.D.	Davis Gimode			x	
2016-		Zhifen Zhang	x			
2016-	Ph.D.	Chandler Maddox			x	
2016		Jing Chen		x		
2016-17		Haiyan Liu		x		
2016-		Larissa Arrais	x			
2016-18	M.S.	Renjie Cui				x
2016-	Ph.D.	Brian Nadon				x
2016-	Ph.D.	Carolina Ballen				x
2016-	Ph.D.	Timothy Chappell				x
2016-18	M.S.	Elizabeth Prenger				x
2017-18	M.S.	Samuele Lamon				x
2017		Daniel Oppong-Sekyere		x		
2018-		Lei Shi		x		
2018-		Tais De Moraes Falleiro Suassuna		x		
2018		Aissatou Sambou		x		
2018-		Jake Fountain	x			
2018-	M.S.	Raegan Wiggins			x	
2018-	M.S.	Lovepreet Singh				x
2019-	M.S.	Gurjot Singh				x
2019-		Supattra Mahakosee		x		
2019		Anon Janket		x		

2019 Ph.D. Alexandra Ostezan x

Theses and dissertations directed

1. Perera, S.C. 1990. Protoplast culture of sweetpotato, regeneration and assessment of parameters preliminary to flow sorting of fusion mixtures. Univ. of Ga., Master of Science.

2. Myneni, A.L. 1994. DNA-based polymorphism among cultivars and species of the genus *Vaccinium* section *Cyandcoccus*: Application to fingerprinting and for assessing genetic relationships. UGA, Ph.D.

3. Morgan, R.N. 1997. Genetic analysis of mutants, histological study of apomictic reproductive physiology, and molecular mapping of disease resistance genes in pearl millet. University of Georgia, Ph.D.

4. Chen, Zhenbang. 2002. Molecular and Cytogenetic Characterization of Aposporous-Apomixis in *Pennisetum squamulatum*. Ph.D. Thesis, The University of Georgia.

5. Huo, Heqiang. 2008. Genetic analysis of the apospory-specific genomic region (ASGR) in *Pennisetum squamulatum*: from mapping to candidate gene. Ph.D. Thesis, The University of Georgia.

6. Zeng, Yajuan. 2009. Identification and characterization of apospory candidate genes in *Pennisetum* and *Cenchrus*. Ph.D. Thesis, The University of Georgia.

7. Chandran, Manju. 2013. Transgene stability, transposon activation and potential for gene tagging in peanut (*Arachis hypogaea* L.). Ph.D. Thesis, The University of Georgia.

8. Gill, Rattandeep. 2013. Phenotyping methods and QTL mapping for late leaf spot resistance in cultivated peanut (*Arachis hypogaea* L.). University of Georgia, M.S.

9. Clevenger, Josh P. 2016. Development of genomics resources for Arachis hypogaea and profiling the genetic regulation of pre-harvest aflatoxin resistance. University of Georgia, Ph.D.

10. Korani, Walid Ahmed. 2017. Genetic factors and biochemical pathways regulating post-harvest aflatoxin contamination in cultivated peanut. University of Georgia, Ph.D.

11. Chavarro, Martha Carolina. 2018. Whole genome re-sequencing of cultivated peanut to enable genetic and genomic resources for improvement. University of Georgia, Ph.D.

Other Teaching Activities

2002 Developed new course for UGA AES major to be offered in Tifton - HORT(CRSS)

4800/6800 Agricultural Biotechnology
2003 Participated in Tifton Academic Programs Open House, 20 June
2004 Participated in Tifton Academic Programs Open House, 21 Sept
2006 Participated in Tifton Academic Programs Open House, 23 Mar
2006 Guest lecture in ALDR 4600/6600, Global Seminar, 21 Feb
2007 Guest lecture in ENTO 4250, Pests and Transgenic Crops, 27 Apr
2008 Guest lecture in ENTO 4250, Pests and Transgenic Crops, 23 Jan
2009 Guest lecture in ENTO 4250, Pests and Transgenic Crops, 20 Feb
2010 Guest lecture in ENTO 4250, Pests and Transgenic Crops, 22, 24, 26 Mar
2011 Guest lecture in ENTO 4250, Pests and Transgenic Crops, 17 Mar
2012 Guest lectures in ENTO 4250, Pests and Transgenic Crops, 5, 7, 9 Mar
2013 Guest lecture in ENTO 4250, Pests and Transgenic Crops, 8 Mar
2014 Guest lecture in ENTO 4250, Pests and Transgenic Crops, 26 Mar
2014 Co-supervised undergraduate research project, Rebecca Shirley
2015 Guest lecture in ENTO 4250, Pests and Transgenic Crops, 20 Mar
2015 Guest lecture in ALDR 4600-Issues in Contemporary Agriculture, 17 Mar
2016 Guest lecture in ENTO 4250, Pests and Transgenic Crops, 30 Mar
2016 Guest lecture in PBGG 6000, Plant Breeding Practicum, 22 Jul
2017 Guest lecture in ENTO 4250, Pests and Transgenic Crops, 27 Mar
2017 Guest lecture in ALDR 4600-Issues in Contemporary Agriculture, 11 Apr
2018 Guest lecture in ENTO 4250, Pests and Transgenic Crops, 21 Mar
2018 Guest lecture in ALDR 4600-Issues in Global Agriculture, 24 Apr
2018 Guest lecture in PBGG 6140, Plant Breeding, 30 Nov
2019 Guest lecture in ENTO 4250, Pests and Transgenic Crops, 29 Mar

CONTRACTS OR GRANTS

1986 University of Georgia Research Foundation - Faculty Research Grant for "Analysis of mitochondrial DNA variation in subpopulations of somatic hybrid cells of grasses", $7,955.

1987 University of Georgia Biotechnology Program. "Molecular Markers for Apomixis in the Gramineae", $55,800.

1987 Georgia Agricultural Commodity Commission for Peanuts. "Cell Culture Techniques for Peanut Improvement", $14,000.

1988 Rockefeller Foundation. "Cellular and Molecular Biology of Apomictic *Pennisetum* Species and Interspecific Hybrids", $75,080.

1988 Georgia Agricultural Commodity Commission for Peanuts. "Cell Culture Techniques for Peanut Improvement", $14,000.

1989 Georgia Agricultural Commodity Commission for Peanuts. "Cell Culture Techniques for Peanut Improvement", $15,000

1989 UGA Research Foundation Faculty Research Grant, "Molecular systematics of *Ipomoea* section *Batatas*", $5,590.00.

1990 UGA Research Foundation, "Restriction Fragment Length Polymorphisms in Apomictic *Pennisetum* Hybrids," $18,000.

1990-1993 Rockefeller Foundation, "Molecular Tagging of Genes Controlling Apomixis," $90,000.

1990 Ga. Agric. Commodity Commission for Peanuts, "Cell Culture Techniques for Peanut Improvement," $20,000.

1991 Georgia Agricultural Commodity Commission for Peanuts, "Cell Culture Techniques for Peanut Improvement", $15,300.

1991 National Peanut Foundation, "Induction of Defense Genes in Pods and Seeds of Resistant and Susceptible Peanut Genotypes after Infection with *Aspergillus*", $25,000.

1991 USDA National Research Initiative, "Development, Diversity, and Gene Expression in Aposporous Genotypes", $93,000.

1992 National Peanut Foundation, "In vitro regeneration and gene transfer in peanuts", $ 9,000

1992 USDA Multi-Crop Aflatoxin Program, "In vitro regeneration and gene transfer in peanuts," $41,500

1992 Georgia Agricultural Commodity Commission for Peanuts, "Cell culture techniques for peanut improvement," $8,500

1993 Georgia Seed Development Commission, "DNA Fingerprinting of Elite Genotypes of Rabbiteye Blueberry", $4,500.

1993 USDA National Research Initiative, "Development, Diversity, and Gene Expression in Aposporous Genotypes", $120,000.

1993 National Peanut Foundation, "Genetic Engineering of Peanut for Fungal Resistance", $39,000.

1993 USDA Multi-Crop Aflatoxin Program, "Genetic Engineering of Peanut for Fungal Resistance", $38,000.

1993 Georgia Peach Commodity Commission, "Improvement of Peach Frost Tolerance Through Genetic Transformation", $1,000. Co-PI

1993 Rockefeller Foundation, "Molecular Tagging of Genes Controlling Apomixis",

$90,000.

1994 National Peanut Foundation, "Genetic Engineering of Peanut for Fungal Resistance", $40,000.

1994 USDA Multi-Crop Aflatoxin Program, "Genetic Engineering of Peanut for Fungal Resistance", $30,000.

1994 University of Georgia Biological Resources/Biotechnology Program. "Investigating the role of polyols in plant environmental stress tolerance through transformation with a gene for mannitol production", $21,694. Co-PI

1994 Georgia Seed Development Commission, "Molecular mapping of rust and pyricularia resistance genes in pearl millet," $10,500.

1995 National Peanut Foundation, "Genetic Engineering of Peanut for Fungal Resistance," 43,000

1995 USDA Multi-Crop Aflatoxin Program, "Genetic Engineering of Peanut for Fungal Resistance," $40,000

1995 Georgia Agric Commodity Commission for Peanuts, Analysis of transgenic peanut plants containing a TSWV N protein gene, $5,000

1995 USDA National Research Initiative, Development, Diversity and Gene Expression in Aposporous genotypes, $105,000

1995 Georgia Seed Development Commission, Molecular Mapping of Rust and Pyricalaria resistance genes in pearl millet, $19,500

1995 Georgia Seed Development Commission, Improved environmental stress tolerance through biotechnology - The role of mannitol, $16,394 (Co-PI)

1995 University of Georgia Biological Resources/Biotechnology Program. "Investigating the role of polyols in plant environmental stress tolerance through transformation with a gene for mannitol production, $9,000 (Co-PI)

1996 National Peanut Foundation, "Genetic Engineering of Peanut for Fungal Resistance," $17,000

1996 USDA Multi-Crop Aflatoxin Program, "Genetic Engineering of Peanut for Fungal Resistance," $60,000

1996 Georgia Seed Development Commission, "Stable Transformation of a Georgia Peanut Variety, Georgia Green, with Commercially Valuable Genes," $15,000

1997 USDA Multi-Crop Aflatoxin Program, "Genetic Engineering of Peanut for Fungal

Resistance," $56,000

1997 National Peanut Foundation, "Genetic Engineering of Peanut for Fungal Resistance," $20,000

1997 USDA CRADA, "The mapping and cloning of the dominant obligate gene(s) in Pennisetum for the purpose of ultimately transferring cloned apomixis gene(s) into other grasses and legumes", $128,700, Co-PI

1998 USDA Multi-Crop Aflatoxin Program, "Genetic Engineering of Peanut for Fungal Resistance," $56,000

1998 National Peanut Foundation, "Genetic Engineering of Peanut for Fungal Resistance," $20,000

1999 USDA Multi-Crop Aflatoxin Program, "Genetic engineering of peanut for reduction of aflatoxin contamination", $73,125

1999 Peanut Foundation, "Genetic engineering of peanut for reduction of aflatoxin contamination", $13,000

1999 USDA National Research Initiative, "Physical mapping and microcolinearity of apospory specific regions in two grasses", $300,000

1999 Georgia Seed Development Commission, "Development of superior triploid turf bermudagrasses with value-added gene(s)", $35,629, Co-PI

2000 USDA Multi-Crop Aflatoxin Program, "Genetic engineering of peanut for aflatoxin contamination", $82,875

2000 Peanut Foundation, "Genetic engineering of peanut for aflatoxin contamination", $9,263

2000 Peanut Foundation, "Production and analysis of transgenic peanut plants containing a truncated tomato spotted wilt virus N-protein gene that could confer resistance to tomato spotted wilt virus", $9,000

2000 Georgia Agricultural Commodity Commission for Peanuts, "Production and analysis of transgenic peanut plants containing a truncated tomato spotted wilt virus N-protein gene that could confer resistance to tomato spotted wilt virus", $5,000

2000 Georgia Seed Development Commission, "Development of superior triploid turf bermudagrasses with value-added gene(s)", $35,543, Co-PI

2001 National Peanut Board, "Molecular approaches toward producing TSWV-resistant peanut", $39,000, Co-PI

2001 UGA Biotechnology Awards, "A gene transformation system to enhance cotton breeding in Georgia", $38,000, Co-PI

2001 Peanut Foundation, "Transgenic Peanut for Preharvest Aflatoxin Reduction", $9,000

2001 USDA Multi-Crop Aflatoxin Program, "Transgenic Peanut for Preharvest Aflatoxin Reduction", $68,250

2001 Georgia Agricultural Commodity Commission for Peanuts, "Production and analysis of transgenic peanut plants with pathogen-derived resistance to tomato spotted wilt virus", $5000

2001-2006 National Science Foundation, "Aligning Physical and Functional Maps of a Genomic Region Spanning the Apomixis Locus by Exploiting Model Cereal Genomics", $1,132,318 (Award # NSF-0115911)

2001-2006 USDA, "Genetic engineering of peanut for reduction of aflatoxin contamination", $79,080 (Grant #5864351108A)

2002-2005 USDA-NRI, "Physical mapping and microcolinearity of apospory specific regions in two grasses", $100,000 (Award # 2002-35301-12283)

2002-2003 Peanut Foundation, "Genetic engineering of peanut for reduction of aflatoxin contamination", $1,000 (Project # 04-801-02)

2003-2004 GACCP, "Tilling For a Reduced Allergen Peanut", $8,000

2003-2004 USDA, "Genetic engineering of peanut for reduction of aflatoxin contamination", $79,080

2003-2004 Peanut Foundation, "Genetic engineering of peanut for reduction of aflatoxin contamination", $10,000

2003-2004 Peanut Foundation "Tilling for a Reduced Allergen Peanut", $10,000

2003-2004 UGARF, "Combining TSWV & Nematode Resistance in Peanut Lines Adapted to the SE US", $20,000, Co-PI

2003-2006 NSF, "Research Experience for Teachers", $82,279

2004-2005 USDA, "Genetic engineering of peanut for reduction of aflatoxin contamination", $50,700

2004-2005 GACCP, "TILLING for a Reduced Allergen Peanut", $9,000

2004-2005 UGARF, "Combining TSWV & Nematode Resistance in Peanut Lines Adapted to the SE US", $33,000, Co-PI

2005-2006 USDA, "Genetic engineering of peanut for reduction of aflatoxin contamination", $33,150

2005-2006 GACCP, "TILLING for a Reduced Allergen Peanut", $8,000

2005-2006 Peanut Foundation, "Genetic engineering of peanut for reduction of aflatoxin contamination", $15,000

2006-2007 USDA, "Genetic engineering of peanut for reduction of aflatoxin contamination", $39,000

2006-2007 GACCP, "TILLING for a Reduced Allergen Peanut", $8,000

2006-2007 CPBR, "Peanut Allergen Reduction", $92,000

2006-2007 Peanut Foundation, "Peanut Allergen Reduction", $10,000

2006-2007 National Science Foundation, "Aligning Physical and Functional Maps of a Genomic Region Spanning the Apomixis Locus by Exploiting Model Cereal Genomics", $469,231 (Award # NSF-0115911 Amendment)

2007-2008 GACCP, "TILLING for a Reduced Allergen Peanut", $7,000

2007 National Peanut Board, "Development of a TILLING resource for peanut", $8,000

2007- Peanut Foundation, "Genetic Engineering of Peanut for Reduction of Aflatoxin Contamination", $15,000

2007-2008 Consortium for Plant Biotechnology Research, "Peanut Allergen Reduction", $92,000

2007-2008 USDA, "Genetic engineering of peanut for reduction of aflatoxin contamination", $48,780

2007-2008 UGARF/GA Seed Development Commission, "Combining nematode and TSWV resistances with high oleic acid peanut", $35,000.

2007-2008 UGARF/GA Seed Development Commission, "Molecular breeding and genetic engineering strategies for manipulating allergenic proteins and nutraceuticals in peanut", $50,000

2007-2008 National Science Foundation, "Aligning Physical and Functional Maps of a Genomic Region Spanning the Apomixis Locus by Exploiting Model Cereal Genomics", $143,035 (Award # NSF-0115911 Amendment)

2008 National Peanut Board, "Enhancing a TILLING Resource for Peanut", $50,000

2008 National Peanut Board, "Enhancing a TILLING Resource for Peanut", $5,000

2008-2009 Georgia Agricultural Commodity Commission for Peanut, "Marker-assisted selection to facilitate peanut cultivar development", $10,000

2008-2011 USDA, "Genetic engineering of peanut for reduction of aflatoxin contamination", $54,382

2008-2009 UGARF/GA Seed Development Commission, "Combining nematode and TSWV resistances with high oleic acid peanut", $51,451

2008 Peanut Foundation, "Peanut mutant collections to target reduced allergen or aflatoxin", $5000

2008-2009 Pioneer Hi-Bred, "Identification and characterization of genes that promote apomixis in *Pennisetum* and related genus", in-house sequencing of seven BAC clones

2009-2010 Improving Teacher Quality higher Education, "Georgia Intern-Fellowships for Teachers", led by Susan Reinhardt, Outreach Coordinator, $43,741

2009 National Peanut Board, "Evaluating an Enhanced TILLING Resource for Peanut", $35,000

2009 National Peanut Board, "Peanut mutant collections to target reduced allergen or aflatoxin", $15,000

2009-2010 Georgia Agricultural Commodity Commission for Peanut, "Marker-assisted selection to facilitate peanut cultivar development", $10,000

2009-2010 UGARF/GA Seed Development Commission, "Marker-assisted selection to facilitate peanut cultivar development", $51,451

2009 Governors Office of Workforce Development, "Bioscience Technology Circle of South

Georgia", led by Susan Reinhardt, Outreach Coordinator, $120,000

2009 National Science Foundation, "NSF Support of the 2009 Society for In Vitro Biology Meeting", $32,750

2009-2013 Pioneer Hi-Bred, "Discovery of genes associated with apomixis", $326,265

2009-2013 USDA-AFRI, "The Role of a Novel Apomixis-linked AP2-domain Transcription Factor in Parthenogenetic Embryo Development", $350,000

2010-2014 Co-PI on USDA-AFRI proposal, "Translational Genomics for Enhancing Disease Resistance in Plants, An Internet-Facilitated Education Program for Training Plant Breeders", $499,884 total; $94,833 as co-PI

2010-2011 UGARF/GA Seed Development Commission, "Marker-assisted selection to facilitate peanut cultivar development", $55,040

2010-2011 Georgia Agricultural Commodity Commission for Peanuts, "Functional Analysis of Peanut Candidate Genes for Nematode Resistance Using a Composite Plant Transformation System", $10,000

2010-2012 Peanut Foundation, "Mutagenesis of Peanut for Functional Genomics and Gene Targeting", $15,000

2010-2011 USDA-CSREES (NIFA), "Comparative Genomics, Nucelotide Diversity, and Karyotyypic Evolution in *Arachis*", $500,000, Project initiated in 2006 by PI, Steve Knapp, and being completed in 2011 by co-PI, POA

2010-2011 Generation Challenge Program, "Single Nucleotide Polymorphism Discovery, Validation, and Mapping in Groundnut", $152,543, Project initiated in 2008 by PI, Steve Knapp, and being completed in 2011 by co-PI, POA

2010-2011 USDA-ARS, "Application of molecular technologies to improve breeding efficiencies in peanut and warm season grasses", $25,000

2010-2012 Wiregrass Ga Technical College, "Bioscience Technology Circle of South Georgia: A Work Ready Region Sustainability Grant", $70,000

2011-2012 Georgia Agricultural Commodity Commission for Peanuts, "Molecular markers for leaf spot resistance", $13,000

2011 Peanut Foundation, "Genotyping the RIL population for future sequencing", $2500

2011 National Peanut Board, "Genetic Mapping and Mutation Discovery for Disease Resistance", $40,000

2011-2012 Peanut Foundation, "SNP Genotyping of Cultivated Peanut Populations Segregating for Disease Resistance", $40,000

2011-2013 USDA-NIFA special grant, "Ag Energy Innovation", $930,668, $41,000 as co-PI

2012 Peanut Foundation, "Genotyping by Sequencing to Expedite Genetic Mapping of Disease Resistance", $41,000, $21,000 as co-PI

2012-2013 UGARF/GA Seed Development Commission, "Marker-assisted selection to facilitate peanut cultivar development", $58,580

2012- USDA-NIFA, "Improving Peanut Seed Quality by Molecular Definition of Stress Thresholds Permissive for Aflatoxin Contamination", $391,831

2012-2013 Peanut Foundation/GPC, "High resolution phenotyping of diverse peanut lines", $10,000

2012-2016 BARD, "The genetics of pod-filling in peanut under water limiting conditions", $167,000

2013-2014 UGARF/GA Seed Development Commission, "Marker-assisted selection to facilitate peanut cultivar development", $57,750.

2013-2014 Peanut Foundation, "Phenotyping and genotyping of RIL populations for gene discovery and marker development", $35,000 + $9,000

2013-2014 Georgia Peanut Commission, "High resolution phenotyping of diverse peanut lines", $10,000

2013-2014 SPRI/GPC, "Genetic markers to enhance breeding of peanut for disease resistances", $20,000

2013-2014 Peanut Foundation, "Peanut functional genomics for biotic stress tolerance", $50,000 ($35,741 as PI).

2013-2017 Peanut and Mycotoxin Innovation Lab (USAID), "Translational Genomics to Reduce Pre-harvest Aflatoxin Contamination of Peanut", $877,229 ($497,740 as PI).

2014-2015 National Peanut Board/SPRI, "Gene-based markers for breeding of nematode and leaf spot resistance", $20,000

2014-2015 Peanut Foundation, "Phenotyping and genotyping of RIL populations for gene discovery and marker development", $74,500

2014-2015 UGARF/GA Seed Development Commission, "Marker-assisted selection to facilitate peanut cultivar development", $59,750.

2014-2018 MARS/USDA, "Rapid development of high yielding, high oleic peanut cultivars", $230,500

2014-2015 CSIRO/Gates Foundation, "Capturing heterosis in self-reproducing sorghum and cowpea hybrids for sub-Saharan Africa", $97,619

2014-2016 Peanut Foundation, "Gene-based markers for breeding of nematode resistance – validation", $34,250

2014-2015 Georgia Peanut Commission, "Expanding molecular marker platforms to enhance marker-assisted breeding in peanut", $12,000

2015-2016 UGARF-GSDC, "Marker-assisted Selection to Facilitate Peanut Cultivar Development",$40,000

2015-2019 CSIRO/Gates Foundation, "Capturing heterosis in self-reproducing sorghum and cowpea hybrids for sub-Saharan Africa", $770,099

2015-2017 Peanut Foundation, "Phenotyping and Genotyping of RIL Populations for Gene Discovery and Marker Development", $74,500

2015-2017 Peanut Foundation, "Improving QTL Definition for Disease Resistance Traits", $50,000

2015-2016 National Peanut Board/SPRI, "Gene-based Markers for Breeding of Nematode and Leaf Spot Resistance", $40,000

2015-2016 Peanut Foundation, "Improved Markers for Selection of Nematode Resistant Lines", $15,000

2015-2016 USDA-NIFA Exploratory grant, Co-PI, "Inducing Parthenogenesis in Rice and Maize Transgenic Lines with the ASGR-Babyboomlike Gene", $99,516 ($20,000 as co-PI).

2015 2016 Peanut Foundation, Co-PI, "The development of peanut lines and varieties that incorporate late leaf spot and root-knot nematode resistances from wild species", $165,000

2016-2020 National Science Foundation, "BREAD ABRDC: Genomic approaches to capture novel alleles in cultivated peanut to increase smallholder production", $1,144,473 ($572,236 as PI)

2016-2017 Georgia Peanut Commission/Peanut Foundation, "Marker-assisted breeding for late leaf spot resistance and seed size", $15,000

2016-2017 Peanut Foundation, "Expanding Gene Expression Data Utility and Targeted Processes", $50,000

2016-2017 UGARF-GSDC, "Marker-assisted Selection to Facilitate Peanut Cultivar Development", $57,200

2016-2017 Peanut Foundation, "Phenotyping and Genotyping of RIL Populations for Gene Discovery and Marker Development", $75,250

2017-2019 USDA Foreign Ag Service, "USDA Borlaug 2016 Plant Health East and West Africa", $36,365

2017-2019 Peanut Foundation, "Phenotyping and Genotyping of RIL Populations for Gene Discovery and Marker Discovery", $51,700

2017- Peanut Foundation, "Phenotyping and Genotyping of RIL Populations for Sclerotinia 2018 blight r

2017-2018 Peanut Foundation, "Expanding Gene Expression Data Utility and Targeted Processes", $50,000

2017-2018 Peanut Foundation, "A Second Generation SNP Array Optimized for Cultivated Peanut", $50,000

2017-2018 Georgia Peanut Commission, "Marker-assisted breeding to diversify alleles for late leaf spot resistance", $15,000

2017-2020 BARD, "The molecular dissection of the crop maturation trait in peanut", $150,000

2017-2020 MARS, "Increasing molecular marker information for global peanut germplasm and identifying key regions controlling aflatoxin resistance", $129,024

2017-2019 USDA-NIFA, "National Association of Plant Breeders – "Sustaining Agriculture through Genetic Enhancement", $50,000

2018-2019 Georgia Peanut Commission, "Translating molecular marker discovery to breeding practice", $20,000

2018-2019 Peanut Foundation, "Phenotyping and Genotyping of RIL Populations for Gene Discovery and Marker Development", $48,571

2018- Peanut Foundation, "Genetic Analysis of Aflatoxin Resistance", $29,000

2018-2019 USDA-NIFA, "Development of peanut lines with superior pest resistance using wild species and marker-assisted breeding", $445,226 (20% as co-PI)

2018- USDA-NIFA, "Deciphering Parthenogenesis, Embryo Development Without Fertilization,
2021 Induced By Psasgr-Bbml Transgenes", $475,000 (50% as co-PI)

2018 USDA Foreign Ag Service, "BFP 2017 Africa: Climate Smart Agriculture Senegal Fellow
2020 1", $39,034

2019 Georgia Peanut Comission (SPRI). Incorporating New Sources of Resistance to TSWV
2020 and Development of Marker Tools for Breeding, $20,000

2019 USDA-NIFA Pre-doctoral award to student, Chandler Levinson. Introgression of Late
2021 Leaf Spot, Rust, Smut, Fall Armyworm, and TSWV Resistance from Wild Peanut Relative *A. correntina* into Cultivated Peanut *A. hypogaea,* $101,835.

2018 Feed The Future Innovation Lab For Peanut Research (PRIL) Commissioned
2023 $91,770

2019 Feed The Future Innovation Lab For Peanut Research (PRIL) Competitive
2023 $21,700

2018 Peanut Foundation, Genotyping African-origin germplasm in the US collection
2020 $100,000

COMMITTEE MEMBERSHIP AND OFFICES HELD

National

1998	ASHS Outstanding Researcher Award Selection Committee, Member
1998	APRES Coyt T. Wilson Award Committee, Chair
2000	APRES Dow Agroscience Awards Committee
2004-05	SIVB Development Committee
2004-07	SIVB Publications Committee
2004-06	SIVB Program Committee
2007	SIVB, In Vitro Plant, Editor Search Committee
2008-10	SIVB Awards Committee
2008-10	SIVB Plant Biotechnology Section Chair
2008-10	APRES Bailey Award Committee
2008	USDA-SRRC Research Leader Search Committee
2011-18	Co-Chair, Peanut Genome Consortium Executive Committee
2014-15	NAPB Education Committee
2016-19	APRES Board of Directors
2015-18	APRES Nominating Committee
2017-2019	ASPB Shull Awards Committee
2017-2018	NAPB Secretary
2018-19	NAPB Annual Meeting Planning Committee
2018-2019	NAPB Vice President
2018-2019	NAPB 2019 Annual Meeting Organizing Committee Chair

2019-2020	NAPB President

University

1990	Member, Plant Materials Biohazard Subcommittee
1995	Member, CAES Dean & Director Search Committee
1997	Member, The Plant Center steering committee
1997	Member, The Plant Center curriculum committee
1997	Member, GRA AGTEC planning committee
1997	Member, NSF IGERT graduate student training grant preparation committee
1998	Member, The Plant Center steering committee
1998	Member, GRA AGTEC planning committee
1998	Chair, The Plant Center Symposium Organizing Committee
1998	Member, AGTEC Plant Biotechnologist Search Committee
1998	Member, Genomics/Computational Biology Planning Committee
1999-01	AGTEC Steering Committee
1999	The Plant Center Advisory Committee
1999-02	Graduate Council
2000-02	Plant Center Curriculum Committee
2002	Member, Search Committee-GRA Eminent Scholar in Crop Genomics
2003-04	Member, Promotion and Tenure Committee
2008	Ad-hoc member of Biosafety Committee
2010-19	Member, Radiation Safety Committee
2010	Chair, Plant Center Nominations Committee
2015-16	CAES Dean Search Committee
2016-19	D.W. Brooks Speaker Selection Committee
2016	CAES Assoc. Dean for Research Search Committee
2017-19	Distinguished Research Professor Review Committee
2017-19	University Review Committee
2017-19	Integrated Plant Sciences Executive Committee
2019	UGARF Board of Directors

College

1986-87	Member, Ad hoc Biotechnology Committee
1987	Subcommittee Chair, Sunbelt Expo Organiz. Comm. (Biotechnology)
1987	Member, Junior Faculty Advisory Committee
1989 & 90	Member, D. W. Brooks Awards Committee
1991-92	Member, Faculty Council (College)
1991-95	Chairperson, Biotechnology Research Committee
1994	Member, Director of Academic Programs Search Committee
1994	Member, Faculty Council
1994-95	Member, CAES Dean & Director Search Committee
1994-95	Member, Faculty Council
1995-96	Member, CAES Strategic Planning Task Force
1997	Member, NESPAL dedication committee
1998	Member, Cotton Breeder Search Committee
1999-01	Promotion and Tenure Level 1 Committee

1999	D.W. Brooks Faculty Award for Excellence in Research Committee
2000	Cotton Biotechnologist Search Committee
2000-01	Assistant Dean, Tifton Campus Search Committee
2000-01	CAES Strategic Planning Oversight Committee
2002-03	Member, Search Committee-Crop & Soil Sciences Dept. Head
2002-03	Member, Curriculum Committee - AES Major at Tifton
2003	Member, Search Committee – GRA Eminent Scholar in Crop Genomics
2003-07	Tifton Teaching Faculty
2003	Member, Strategic Plan Modeling Committee-Recruitment & Education Issue
2003-12	Tifton Curriculum Committee
2004-07	Cultivar Release Committee
2006	Academic Program Coordinator, Tifton Campus, Search Committee, Chair
2006-07	Plant Breeding Major Curriculum Committee
2007-08	Warm Season Turfgrass Search and Screen Committee
2007	Tifton Assistant Dean Search Committee
2008	IPBGG Retreat Local Tour Organizer
2007-09	Undergraduate Affairs Committee
2007-10	Institute of Plant Breeding, Genetics, and Genomics, Executive Committee
2009	Plant Biotechnology representative in delegation to ICAR, New Delhi, India
2010-11	Member, Endowed Professorship in Crop Genomics Search Committee, CSS Dept
2012-13	CAES Strategic Plan Action Team 4
2012-18	Institute of Plant Breeding, Genetics, and Genomics, Executive Committee
2012-18	Chair, Cultivar Release Committees
2014	Quantitative Genomics Faculty Position Search and Screen Committee, member
2014	IPBGG Retreat Co-organizer
2017-18	Horticulture Department Head, Search Committee
2017-18	D. W. Brooks Distinguished Professor Committee

Tifton Campus

1986-89	Member, Support Laboratories and Research Equipment Committee
1986-91	Member, Safety and Hazard Committee
1987	Member, Information Specialist Search Committee
1988-91	Member, Graduate Program Committee
1991-97	Member, Library Committee
1995	Member, Horticulture Postharvest Physiologist Search Committee
1995	Member, Search Committee, Coastal Plain Station Branch Librarian
1997	Chairperson, Biotechnology Research Committee
1998-04	Member, Library Committee
2001-02	Member, Tifton Campus Diversity Committee
2002	Member, Search Committee, ARS Perennial Grass Research Geneticist
2004	Crop Protection & Management Research Leader – Search Committee
2004-07	GIFT (Georgia Internships for Teachers) Advisory Board
2003-11	NESPAL Advisory Committee
2007-11	NESPAL Advisory Committee, Chair
2008	Safety Committee
2008-09	USDA-ARS Turf Molecular Biologist Search Committee

2010	Chair, Academic Program Coordinator Search Committee, Tifton Campus
2011-12	Tifton Graduate Student and Postdoc Association, Advisory Committee
2013	Academic Program Coordinator Search Committee
2014-15	Historical Committee, member
2016	Academic Programs Coordinator Search Committee
2017	Centennial Event Planning Committee
2017	NESPAL Administrative Associate Search Committee
2018-19	Tifton Campus Centennial Committee, Co-chair

Departmental

1994	Member, Horticulture Postharvest Physiologist Search Committee
1998	Member, DW Brooks Awards Screening Committee
1998	Member, Civil Rights Review Panel
2000	Carol Robacker, Post-tenure Review Committee
2000	Albert Purvis, Post-tenure Review Committee
2000	Teaching Issues Group
2001-02	Chairperson, Molecular Biology Position Description
2002-03	Member, Tifton Campus Horticulture Greenhouse Committee
2003	Member, Undergraduate Curriculum Committee
2006	Assistant Research Scientist in Apomixis, Search Committee, Chair
2006-07	Dooley Professorship Search Committee, Member
2007	Scott NeSmith, Post-tenure Review Committee, Chair
2008-10	Mentor for Joann Conner, Assistant Research Scientist
2008-10	Mentor for Dan MacLean, Assistant Professor
2009-14	Mentor for Cecilia McGregor, Assistant Professor
2010	Juan-Carlos Diaz-Perez, Post-tenure Review Committee
2010	Marc van Iersel, Post-tenure Review Committee
2011	Cecilia McGregor, 3-yr Review Committee
2013	Dayton Wilde, Post-tenure Review Committee
2017	Donglin Zhang Post-tenure Review Committee
2017	John Ruter Post-tenure Review Committee

PROFESSIONAL DEVELOPMENT

1988	Attended two-day radiation safety short course held in February, for Coastal Plain Experiment Station employees and taught by personnel from Environmental Safety Services in Athens.
1989	Attended 3-day laboratory safety course taught by OSHA and sponsored by USDA, Dec.
1989	Completed CPR Basic Life Support Course held voluntarily for CPES employees, Feb.
1990	Attended seminar/discussion on tenure and promotion held by Dr. Louis Boyd, Mar.
1992	Attended VAX computer training seminar on searching sequence data bases, Aug.
1993	Attended Biological Sciences Computing Resource Conference, Nov. 22
1994	Attended Radiation Safety Course, Mar. 15-16.
1998	Attended Perkin-Elmer Applied Biosystems DNA User's Meeting, 25 Feb, Athens, GA

1999 Study leave to Wageningen Agricultural University (lab of Hans de Jong) to learn technique of chromosomal in situ hybridization, June.
2002 Workplace Spanish class (Jul-Aug)
2003 Computer bootcamp for AES majors, Aug. 19-22.
2003 WebCT training, Aug. 28.
2003 TILLING Workshop, University of Washington, Seattle, Oct. 23024.
2004 Radiation Safety Workshop
2004 Sexual harassment training
2004 Summer Faculty Workshop on Academic Honesty, Tifton, GA, 7 Jul
2004 CAES Advisor Workshop, Athens, GA, 20 Aug
2004 Undergraduate Academic Advisor Workshop, Athens, GA, 27 Aug
2006 Horizon Wimba Live Classroom Workshop
2006 26-27 Oct, attended Plant Center Retreat
2007 Hazardous chemical training
2007 Radiation safety refresher training
2007 Participating in Faculty Learning Community on Academic Upcycling. Met 25 Jul, 12 Oct, 16 Nov, 07 Dec. Main objective – to create effective assignments for classes.
2008 Continued participation in Faculty Learning Community on Academic Upcycling. Main objective – to create effective assignments for classes
2008 Teaching Faculty Workshop series – 8 and 15 Aug
2008 Distance Education Workshop – Nov 3
2009 National Biotechnology Teacher Leader Program 2009, Best Practices Day, 17 May, Atlanta, GA
2009 Entering Mentoring led by Dr. Wendy Dustman, 18 May, Tifton, GA
2009 eLC training session led by Matthew Martin, Oct. 5, Tifton, GA
2012 ALEC teaching seminars, 31 Aug, 12 Oct, Tifton, GA
2012 Plant Center Retreat, 25-26 Oct, Unicoi State Park
2013 Plant Center Retreat, 24-25 Oct, Unicoi State Park
2015 Workshop on Advancing Graduate Education at the University of Georgia. 27-28 Mar, Unicoi State Park, GA
2015 Integrated Breeding Platform workshop, 24-25 Feb, Athens, GA
2016 Plant Center Symposium, 12 May, Athens, GA
2016 Plant Center Retreat, 27-28 Oct, Unicoi State Park
2016 D.W. Brooks Lecture, 7 Nov, Athens, GA
2016 Featured in NY Times article, http://www.nytimes.com/2016/12/15/magazine/is-it-possible-to-make-a-less-allergenic-peanut.html?mabReward=A7&recp=1&moduleDetail=recommendations-1&action=click&contentCollection=Science&region=Footer&module=WhatsNext&version=WhatsNext&contentID=WhatsNext&src=recg&pgtype=article
2016 Health and Safety seminar, 2 Mar, Tifton, GA
2016 Visit to Keygene, 24 Mar, Rockville, MD
2016 Barrow Middle School "Ask the Expert", 6 Apr, Skype
2016 Visit to Pioneer, 14-15 Apr, Johnston, IA
2016 IPBGG retreat, 19-20 May, State Botanical Garden, Athens, GA
2016 Women's Leadership Fellows monthly meetings and retreat, Athens, GA
2016 Interview with Kevin Folta for "Talking Biotech" podcast, 16 Sept, aired 8 Oct,

http://www.talkingbiotechpodcast.com/?s=ozias

2017 IPBGG retreat, 15-16 May, The Retreat at Lake Blackshear

2017 HFP leadership and management workshop, 29 Sept-1 Oct, Sponsored by BMGF, Washington, DC

2017 Featured in December's Discover Magazine article, The Peanut Plague

2017 Featured in the Fall Issue of UGA CAES Southscapes

2018 Plant Center Symposium, 9 May

2018 IPBGG Retreat, 10-11 May, Callaway Gardens

2018 Valdosta City Middle School, Peanut Biotechnology, 18 May

2018 Plant Center Retreat, 27-28 Sept, Unicoi State Park

2018 Improving Peanut Quality and Productivity; Chefs and Food Bloggers, 9 Oct, Tifton, GA