

Cristiane Pilon

Assistant Professor in Row Crop Physiology
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Education

Ph.D. in Crop Physiology, Crop, Soil, and Environmental Sciences Department, University of Arkansas, Fayetteville, AR. June 2015.

M.S. in Agronomy (Agriculture), Department of Crop Sciences, Sao Paulo State University (UNESP), Botucatu, SP, Brazil. December 2011.

B.S. in Agronomy, Sao Paulo State University (UNESP), Botucatu, SP, Brazil. December 2008.

Professional Experience

Assistant Professor in Row Crop Physiology. Crop and Soil Sciences Department, University of Georgia, Tifton, GA. March 2017-Present.

Postdoctoral Associate. Crop, Soil, and Environmental Sciences Department, University of Arkansas, Fayetteville, AR. June 2016-Feb 2017.

Postdoctoral Research Associate. United States Department of Agriculture (USDA), Agricultural Research Service (ARS). Booneville, AR. Sep 2015-May 2016.

Graduate Research Assistant. Crop, Soil, and Environmental Sciences Department, University of Arkansas. Fayetteville, AR. 2012-2015.

Graduate Research Assistant. Sao Paulo Research Foundation (FAPESP) assistantship, Department of Crop Sciences, Sao Paulo State University (UNESP). Botucatu, SP, Brazil. 2010-2011.

Teaching Assistant. Potato Crop Course. Instructor: Dr. Rogerio Peres Soratto, Sao Paulo State University (UNESP). Botucatu, SP, Brazil. Aug-Sep 2010.

Undergraduate Intern. Crop, Soil, and Environmental Sciences Department, University of Arkansas. Fayetteville, AR. Jun-Nov 2008.

Undergraduate Research Assistant. Sao Paulo Research Foundation (FAPESP) scholarship, Department of Crop Sciences, Sao Paulo State University (UNESP). Botucatu, SP, Brazil. 2007-2008.

Undergraduate Intern. Department of Agroindustry, Food, and Nutrition. Luiz de Queiroz College of Agriculture (ESALQ), Piracicaba, SP, Brazil. July 2005.

Undergraduate Intern. Department of Agroindustry, Food, and Nutrition. Luiz de Queiroz College of Agriculture (USP/ESALQ), Piracicaba, SP, Brazil. Jan-Feb 2005.

Publications

Refereed Journal Articles [19 total, 9 as lead author]

* = graduate student advisees; ** = postdoctoral advisees

Pilon C., D. Loka, J.L. Snider, and D.M. Oosterhuis. 2018. Drought-induced osmotic adjustment and changes in carbohydrate distribution in leaves and flowers of cotton (*Gossypium hirsutum* L.). J. Agron. Crop Sci. 1-11.

Snider, J.L., N. Thangthong**, **C. Pilon**, G.K. Virk, and V. Tishchenko. 2018. OJIP-fluorescence parameters as rapid indicators of cotton (*Gossypium hirsutum* L.) seedling vigor under contrasting growth temperature regimes. Plant Physiol. Biochem. 132:249-257.

Pilon, C., P.A. Moore, Jr., D.H. Pote, J.W. Martin, P.R. Owens, A.J. Ashworth, D.M. Miller, and P.B. DeLaune. 2018. Grazing management and buffer strip impact on nitrogen runoff from pastures fertilized with poultry litter. J. Environ. Qual. 0. doi:10.2134/jeq2018.04.0159

- Pilon, C.**, J.L. Snider, V. Sobolev, D.R. Chastain, R.B. Sorensen, C.D. Meeks, A.N. Massa, T. Walk, B. Singh, and H.J. Earl. 2018. Assessing stomatal and non-stomatal limitations to carbon assimilation under progressive drought in peanut (*Arachis hypogaea* L.). *J. Plant Physiol.* 231:124-134.
- Soratto, R.P., A.M. Fernandes, **C. Pilon**, and M.R. Souza. 2018. Phosphorus and silicon effects on growth, yield, and phosphorus forms in potato plants. *J. Plant Nutr.* 42:218-233.
- Pilon, C.**, P.A. Moore, D.H. Pote, J.W. Martin, and P.B. DeLaune. 2017. Effects of grazing management and buffer strips on metal runoff from pastures fertilized with poultry litter. *J. Environ. Qual.* 46:402-410.
- Pilon, C.**, P.A. Moore, D.H. Pote, J.H. Pennington, J.W. Martin, D.K. Brauer, R.L. Raper, S.M. Dabney, and J. Lee. 2017. Long-term effects of grazing management and buffer strips on soil erosion from pastures. *J. Environ. Qual.* 46:364-372.
- Pilon, C.**, J.L. Snider, D.M. Oosterhuis, and D. Loka. 2016. The effects of genotype and irrigation regime on PSII heat tolerance in cotton. *Adv. Res.* 6:1-11.
- Figueira, R., **C. Pilon**, C. Ducatti, and W.G. Venturini Filho. 2015. Caracterização química e legalidade em bebidas não alcoólicas de caju. (Chemical and legal features of cashew non-alcoholic beverages. In Portuguese, with English abstract) *Energ. Agric.* 30:437-441.
- Pilon, C.**, D.M. Oosterhuis, G.L. Ritchie, and E.A. Paiva. 2015. Photosynthetic efficiency and antioxidant activity of cotton under drought stress during early floral bud development. *Am. J. Exp. Agr.* 9:1-13.
- Soratto, R.P., **C. Pilon**, A.M. Fernandes, and L.A. Moreno. 2015. Phosphorus uptake, use efficiency, and response of potato cultivars to phosphorus levels. *Potato Res.* 58:121-134.
- Loka, D., D.M. Oosterhuis, and **C. Pilon**. 2015. Endogenous levels of polyamines under water-deficit stress during cotton's reproductive development. *Am. J. Plant Sci.* 6:344-354.
- Fernandes, A.M., R.P. Soratto, and **C. Pilon**. 2014. Soil phosphorus increases dry matter and nutrient accumulation and allocation in potato cultivars. *Am. J. Potato Res.* 92:117-127.
- Pilon, C.**, R.P. Soratto, F. Broetto, and A.M. Fernandes. 2014. Foliar or soil application of silicon alleviate drought stress of potato plants. *Agron. J.* 106:2325-2334.
- Pilon, C.**, R.P. Soratto, and L.A. Moreno. 2013. Effects of soil and foliar application of soluble silicon on mineral nutrition, gas exchange, and growth of potato plants. *Crop Sci.* 53:1-10.
- Snider, J.L., D.M. Oosterhuis, G.D. Collins, **C. Pilon**, and T.R. Fitzsimons. 2013. Field-acclimated *Gossypium hirsutum* cultivars exhibit genotypic and seasonal differences in Photosystem II thermostability. *J. Plant Physiol.* 170:489-496.
- Soratto, R.P., A.M. Fernandes, **C. Pilon**, C.A.C. Crusciol, and E. Borghi. 2013. Épocas de aplicação de nitrogênio em feijoeiro cultivado após milho solteiro ou consorciado com braquiária. (Timing of nitrogen application on common bean cultivated after single corn or intercropped with palisade Grass. In Portuguese, with English abstract) *Pesq. Agrop. Bras.* 48:1351-1359.
- Lara-Fioreze, A.C.C., C.A. Tomaz, S.L. Fioreze, **C. Pilon**, and M.D. Zanotto. 2013. Genetic diversity among progenies of *Crambe abyssinica* Hochst for seed traits. *Ind. Crops Prod.* 50:771-775.
- Martins, P.O., C.A.C. Crusciol, and **C. Pilon**. 2012. Kinetic parameters of silicon uptake by rice cultivars. *Rev. Bras. Ci. Solo* 36:147-157.

Book Chapters [5 total, 2 as lead author]

- Pilon, C.**, W.S. Monfort, and T.L. Grey. 2018. Physiology of Peanut Seed Maturation and Factors Affecting Vigor of Seeds and Seedling. In: R.P. da Silva (ed.) *Advances in Peanut Production*. FUNEP, Jaboticabal, SP, Brazil. (in press)
- Kvien, C.K., C.C. Holbrook, P. Ozias-Akins, **C. Pilon**, A.K. Culbreath, and T.B. Brenneman. 2018. Peanut Physiology. In: W.S. Monfort (ed.) *Georgia Peanut Production Guide*. The University of Georgia Peanut Team, Tifton, GA.
- Raper, T.B., **C. Pilon**, V. Singh, J.L. Snider, S. Stewart, and S. Byrd. 2018. Cotton Production in the United States of America: an overview. In: B.S. Chauhan and K. Jabran (eds.) *Cotton Production*. John Wiley and Sons. (in press)

- Snider, J.L., **C. Pilon**, and G.K. Virk. 2018. Seed Characteristics and Seedling Vigor. In: D.R. Chastain, K.R. Reddy, and D.M. Oosterhuis (eds.) *Seeds and Seedlings*. The Cotton Foundation, Cordova, TN. (*in press*)
- Pilon, C.**, F. Bourland, and D. Bush. 2016. Seeds and Planting. In: Snider, J.L. and D.M. Oosterhuis (eds.) *Linking Physiology to Management*. The Cotton Foundation, Cordova, TN.

Non-refereed Publication [33 total, 12 as lead author]

- Pilon, C.**, D. Loka, J.L. Snider, and D.M. Oosterhuis. 2018. Contribution of proline to osmotic adjustment in drought-stressed cotton. In: F. Bourland (ed.) *Summaries of Arkansas Cotton Research 2017*. University of Arkansas Agricultural Experiment Station Research Series 652:111-115.
- Pilon, C.**, G. Virk, J.L. Snider, R.S. Tubbs, and M.A. Scolari. 2017. Desenvolvimento de plantas de amendoim em diferentes épocas de semeadura. Encontro sobre a cultura do amendoim. Jaboticabal. 11:72071.
- Pilon, C.**, and D.M. Oosterhuis. 2016. Carbohydrate metabolism of cotton flowers under water-deficit stress. In: D. M. Oosterhuis (ed.) *Summaries of Arkansas Cotton Research 2015*. University of Arkansas Agricultural Experiment Station Research Series 635:56-60.
- Pilon, C.**, D.M. Oosterhuis, and E.A.P. Oliveira. 2015. Water-deficit stress reduces concentrations of photosynthetic pigments in cotton plants. In: D. M. Oosterhuis (ed.) *Summaries of Arkansas Cotton Research 2014*. University of Arkansas Agricultural Experiment Station Research Series 625:98-101.
- Coomer, T.D., D.M. Oosterhuis, L. Espinoza, and **C. Pilon**. 2015. Effect of potassium fertilization and cultivar on potassium partitioning. In: D.M. Oosterhuis (ed.) *Summaries of Arkansas Cotton Research 2014*. University of Arkansas Agricultural Experiment Station Research Series 625:38-42.
- Loka, D.A., D.M. Oosterhuis, B.L. McMichael, and **C. Pilon**. 2015. Effects of water-deficit stress on nutrient concentrations of cotton pistils under field conditions. In: D.M. Oosterhuis (ed.) *Summaries of Arkansas Cotton Research 2014*. University of Arkansas Agricultural Experiment Station Research Series 625:79-81.
- Pilon, C.**, and D.M. Oosterhuis. 2015. Osmotic adjustment and accumulation of proline in cotton genotypes under water-deficit stress. In: *Proc. Beltwide Cotton Conf., National Cotton Council of America*, Memphis, TN.
- Coomer, T.D., D.M. Oosterhuis, L. Espinoza, and **C. Pilon**. 2015. Potassium partitioning in response to genotype and potash fertilization. In: *Proc. Beltwide Cotton Conf., National Cotton Council of America*, Memphis, TN.
- Pilon, C.**, D.M. Oosterhuis, G. Ritchie, and E.A.P. Oliveira. 2014. Effect of drought in the osmotic adjustment of cotton plants. In: D. M. Oosterhuis (ed.) *Summaries of Arkansas Cotton Research 2013*. University of Arkansas Agricultural Experiment Station Research Series 618:60-65.
- Coomer, T.D., D.M. Oosterhuis, T.B. Raper, L. Espinoza, **C. Pilon**, and J.M. Burke. 2014. Analysis of sensitivity of two canopy Nitrogen stress indices to available Potassium and variety. In: D. M. Oosterhuis (ed.) *Summaries of Arkansas Cotton Research 2013*. University of Arkansas Agricultural Experiment Station Research Series 618:27-31.
- Raper, T.B., D.M. Oosterhuis, **C. Pilon**, J.M. Burke, and T.D. Coomer. 2014. Evaluation of 1-methylcyclopropene to reduce ethylene driven yield reductions in field-grown cotton. In: D. M. Oosterhuis (ed.) *Summaries of Arkansas Cotton Research 2013*. University of Arkansas Agricultural Experiment Station Research Series 618:91-95.
- Pilon, C.**, Oosterhuis, D.M., G. Ritchie, and E.A.P. Oliveira. 2014. Osmotic adjustment in cotton cultivars under drought stress. In: *Proc. Beltwide Cotton Conf., National Cotton Council of America*, Memphis, TN.
- Raper, T.B., D.M. Oosterhuis, L. Espinoza, T. Coomer, **C. Pilon**, and J.M. Burke. 2014. Sensitivity of multiple canopy N stress indices to changes in variety and available Potassium. In: *Proc. Beltwide Cotton Conf., National Cotton Council of America*, Memphis, TN.
- Pilon, C.**, D.M. Oosterhuis, and D. Loka. 2013. Effect of water-deficit stress on Photosystem II thermostability in cotton. In: D.M. Oosterhuis (ed.) *Summaries of Arkansas Cotton Research 2012*. University of Arkansas Agricultural Experiment Station Research Series 610:31-35.
- Loka, D., D.M. Oosterhuis, **C. Pilon**, and B.L. McMichael. 2013. Water-deficit stress effects on polyamine metabolism of the cotton flower and subtending leaf under field conditions. In: D.M. Oosterhuis (ed.)

- Summaries of Arkansas Cotton Research 2012. University of Arkansas Agricultural Experiment Station Research Series 610:36-40.
- Raper, T.B., D.M. Oosterhuis, **C. Pilon**, and J.M. Burke. 2013. Evaluation of a Calcium-containing, soil applied Nitrogen source to increase cotton yields. In: D.M. Oosterhuis (ed.) Summaries of Arkansas Cotton Research 2012. University of Arkansas Agricultural Experiment Station Research Series 610:66-70.
- Oosterhuis, D.M., T.B. Raper, **C. Pilon**, and J.M. Burke. 2013. Development of 1-methylcyclopropene application triggers in cotton production. In: D.M. Oosterhuis (ed.) Summaries of Arkansas Cotton Research 2012. University of Arkansas Agricultural Experiment Station Research Series 610:63-65.
- Raper, T.B., D.M. Oosterhuis, **C. Pilon**, and J.M. Burke. 2013. Evaluation of UCAN 23 and UAN 32 at varying rates in cotton. In: N.A. Slaton (ed.) Wayne E. Sabbe Soil Fertility Studies 2012. University of Arkansas Agricultural Experiment Station Research Series 608:39-41.
- Raper, T.B., D.M. Oosterhuis, L. Espinoza, **C. Pilon**, and J.M. Burke. 2013. Sensitivity analysis of two canopy Nitrogen stress indices to variety and available Potassium. In: D. M. Oosterhuis (ed.) Summaries of Arkansas Cotton Research 2012. University of Arkansas Agricultural Experiment Station Research Series 610:76-80. Fayetteville, AR.
- Raper, T.B., D.M. Oosterhuis, L. Espinoza, **C. Pilon** and J. M. Burke. 2013. Response of canopy Nitrogen stress indices to variety and available Potassium. In: N.A. Slaton (ed.) Wayne E. Sabbe Soil Fertility Studies 2012. University of Arkansas Agricultural Experiment Station Research Series 608:42-45.
- Loka D.A., D.M. Oosterhuis, J.D. Mattice, and **C. Pilon**. 2013. Effect of water-deficit stress during reproductive development on polyamine content of cotton flowers. In: Proc. Beltwide Cotton Conf., National Cotton Council of America, Memphis, TN.
- Loka, D., D.M. Oosterhuis, and **C. Pilon**. 2012. Effect of water-deficit stress on polyamine metabolism of cotton flower and their subtending leaf. In: D.M. Oosterhuis (ed.) Summaries of Arkansas Cotton Research 2011. University of Arkansas Agricultural Experiment Station Research Series 602:70-75.
- Pilon, C.**, L.A. Moreno, M.C. Albertin, and R.P. Soratto. 2010. Aplicação de Silício via solo e via foliar na cultura da batata (*Solanum tuberosum* L.) sob déficit hídrico. (Silicon application by soil and foliar means on potato (*Solanum tuberosum* L.) crop under water-deficit stress. In Portuguese) In: FertBio 2010 – Fontes de Nutrientes e Produção Agrícola: Modelando o Futuro, Guarapari, ES, Brazil.
- Pilon, C.**, G.H.P. Leite, G.F. Siqueira, M.C. Janegitz, and C.A.C. Crusciol. 2010. Resposta antioxidativa da cana de açúcar sob aplicação de maturadores. (Antioxidant response of sugarcane under ripener application. In Portuguese) In: II SIMCANA – Simpósio de Ecofisiologia, Maturação e Maturadores em Cana de Açúcar, Botucatu, SP, Brazil.
- Pilon, C.**, M.C. Janegitz, G.H.P. Leite, G.F. Siqueira, and C.A.C. Crusciol. 2010. Influência do uso de maturadores na quantidade de pigmentos na rebrota de cana de açúcar. (Influence of ripener use in pigments concentration of sugarcane regrowth. In Portuguese) In: II SIMCANA – Simpósio de Ecofisiologia, Maturação e Maturadores em Cana de Açúcar, Botucatu, SP, Brazil.
- Janegitz M.C., G.H.P. Leite, G.F. Siqueira, **C. Pilon**, and C.A.C. Crusciol. 2010. Influência da aplicação de maturadores na qualidade tecnológica da cana de açúcar. (Influence of ripener application on technological quality of sugarcane. In Portuguese) In: II SIMCANA – Simpósio de Ecofisiologia, Maturação e Maturadores em Cana de Açúcar, Botucatu, SP, Brazil.
- Soratto, R.P., **C. Pilon**, G.D. Souza, and A.M. Fernandes. 2009. Aplicação antecipada de fontes de Nitrogênio no *Panicum maximum* para o feijoeiro em sucessão no sistema plantio direto. (Early application of Nitrogen sources on *Panicum maximum* for common bean planting in succession under no-tillage system. In Portuguese) In: XXXII Congresso Brasileiro de Ciência do Solo, Fortaleza, CE, Brazil.
- Pilon, C.**, and R.P. Soratto. 2008. Antecipação do Nitrogênio para o feijoeiro no sistema plantio direto em sucessão a duas gramíneas forrageiras. (Early application of Nitrogen on common bean in no-tillage system in succession of two forage grasses. In Portuguese) In: FertBio 2008: Desafios para o uso do solo com eficiência e qualidade ambiental, Londrina, PR, Brazil.
- Soratto, R.P., R.L.T. Carvalho, and **C. Pilon**. 2008. Épocas de antecipação do Nitrogênio para o feijoeiro no sistema plantio direto após milho solteiro ou consorciado com *Brachiaria brizanta*. (Timing of Nitrogen application on common bean cultivated after single corn or intercropped with *Brachiaria brizanta*. In

Portuguese) In: FertBio 2008: Desafios para o uso do solo com eficiência e qualidade ambiental, Londrina, PR, Brazil.

Carvalho, R.L.T., R.P. Soratto, A.A. Giorgetti, and **C. Pilon**. 2008. Fontes e aplicação do Nitrogênio na *Brachiaria brizanta* para o feijoeiro em sucessão no sistema plantio direto. (Nitrogen sources and application on *Brachiaria brizanta* for common bean in succession under no-tillage system. In Portuguese) In: FertBio 2008: Desafios para o uso do solo com eficiência e qualidade ambiental, Londrina, PR, Brazil.

Giorgetti, A.A., R.P. Soratto, R.L.T. Carvalho, and **C. Pilon**. 2008. Fontes e formas de parcelamento do Nitrogênio no feijoeiro sobre palhada de *Brachiaria brizanta*. (Sources and split applications ways of Nitrogen on common bean over *Brachiaria brizanta* straw. In Portuguese) In: FertBio 2008: Desafios para o uso do solo com eficiência e qualidade ambiental, Londrina, PR, Brazil.

Soratto, R.P., **C. Pilon**, A.A. Giorgetti, and R.L.T. Carvalho. 2008. Produtividade do feijoeiro em função de plantas de cobertura e da aplicação antecipada de Nitrogênio em plantio direto (Common bean yield response to cover crop and early application of Nitrogen in no-tillage system. In Portuguese) In: XI CONAFE: Congresso Nacional de Feijão, Campinas, SP, Brazil.

Extension Publications [2 total]

Kvien, C., C. Holbrook, T. Brenneman, A. Culbreath, **C. Pilon**, P. Ozias-Akins, and W.S. Monfort. 2018. Assessing the maturity of new varieties – and keeping an eye on disease control (know when to hold them, and know when to dig). In: W.S. Monfort (ed.) Peanut Pointers.

Monfort, W.S and **C. Pilon**. 2018. Yellow Peanuts as a Result of the May Rain Events. In: W.S. Monfort (ed.) Peanut Pointers.

Meeting Abstracts [46 total, 11 as lead author]

* = graduate student advisees; ** = postdoctoral advisees

Moore Jr., P.A., K. Anderson, **C. Pilon**, J. Martin, D.H. Pote, P.R. Owens, A.J. Ashworth, D. Miller, and P.B. DeLaune. 2019. Long-Term Study on the Effects of Buffer Strips and Grazing Management on Phosphorus Runoff from Pastures Fertilized with Poultry Litter. ASA Southern Regional Branch Annual Meeting. Birmingham, AL. Feb. 03-05.

Pelham, S.E., W.S. Monfort, **C. Pilon**, and A. Coffin. 2019. Standardization of Canopy Reflectance of Peanut (*Arachis hypogaea* L.) Varieties to Assist in Developing a Yield Prediction Tool. ASA Southern Regional Branch Annual Meeting. Birmingham, AL. Feb. 03-05.

Stuart, M.*, W.S. Monfort, and **C. Pilon**. 2019. Effect of Fungicide Programs on Plant Health, Maturity, Yield, and Quality of Two Peanut Cultivars. ASA Southern Regional Branch Annual Meeting. Birmingham, AL. Feb. 03-05.

Weaver, C.*, W.S. Monfort, **C. Pilon**, T.L. Grey, and R.S. Tubbs. 2019. The Influence of Environmental Conditions on the Germination and Vigor of Three Peanut Cultivars. ASA Southern Regional Branch Annual Meeting. Birmingham, AL. Feb. 03-05.

Virk, G.K.*, J.L. Snider, and **C. Pilon**. 2019. Contributions of the First True Leaf to Seedling Vigor under Different Field Conditions. ASA Southern Regional Branch Annual Meeting. Birmingham, AL. Feb. 03-05.

Snider, J.L., N. Thangthong, **C. Pilon**, G.K. Virk, V. Tishchenko. 2019. Chlorophyll Fluorescence Parameters as Rapid Indicators of Cotton Seedling Vigor under Contrasting Growth Temperature Regimes. Beltwide Cotton Conferences. New Orleans, LA. Jan. 08-10.

Virk, G.K.*, J.L. Snider, and **C. Pilon**. 2019. Cotton Seedling Vigor as Affected by First True Leaf Physiology under Different Field Conditions. Beltwide Cotton Conferences. New Orleans, LA. Jan. 08-10.

Virk, G.K.*, J.L. Snider, and **C. Pilon**. 2019. Physiological Processes Contributing to Early Season Crop Vigor in Cotton. Beltwide Cotton Conferences. New Orleans, LA. Jan. 08-10.

Pilon, C., W.S. Monfort, C. Weaver, T.L. Grey, and V. Tishchenko. 2018. Photosynthetic Thermotolerance of Peanut Seedlings Exposed to Different Temperatures at Planting and Early Season. ASA/CSSA International Annual Meeting. Baltimore, MD. Nov. 04-07.

- Moreno, L.A.*, **C. Pilon**, Silva, B.F., G.K. Virk, C. Kvien, C.C. Holbrook, and P. Ozias-Akins. 2018. Physiological Mechanisms Contributing to Drought Tolerance of Peanut Genotypes. ASA/CSSA International Annual Meeting. Baltimore, MD. Nov. 04-07.
- Virk, G.K.*, **C. Pilon**, and J.L. Snider. 2018. Effect of Planting Conditions on Early Season Crop Growth of Peanut Cultivars. ASA/CSSA International Annual Meeting. Baltimore, MD. Nov. 04-07.
- Virk, G.K.*, J.L. Snider, and **C. Pilon**. 2018. Effect of the First True Leaf of Cotton Cultivars on Seedling Vigor under field Conditions. ASA/CSSA International Annual Meeting. Baltimore, MD. Nov. 04-07.
- Weaver, C.*, W.S. Monfort, **C. Pilon**, and T.L. Grey. 2018. The Effects of Storage Conditions on Peanut Seed Quality. APRES 50th Annual Meeting, Williamsburg, VA. July 10-12.
- Stuart, M.*, **C. Pilon**, W.S. Monfort, T.B. Brenneman, A.K. Culbreath, and J.L. Snider. 2018. Effect of Fungicide on Gas Exchange in Peanut. APRES 50th Annual Meeting, Williamsburg, VA. July 10-12.
- Virk, S., W.M. Porter, W.S. Monfort, **C. Pilon**, S. Hollifield, and P. Sapp. 2018. Investigation of Planter Parameters for Maximizing Peanut Emergence. APRES 50th Annual Meeting, Williamsburg, VA. July 10-12.
- Thangthong, N.***, S. Jogloy, **C. Pilon**, N. Vorasoot, C.K. Kvien. 2018. Xylem Anatomy Features in Peanut (*Arachis hypogaea* L.) Root. APRES 50th Annual Meeting, Williamsburg, VA. July 10-12.
- Fabreti, B.S.*, **C. Pilon**, G.K. Virk, N. Thangthong, C.K. Kvien, C.C. Holbrook, and P. Ozias-Akins. 2018. Drought Stress Effects on Physiological Mechanisms of Peanut Genotypes. APRES 50th Annual Meeting, Williamsburg, VA. July 10-12.
- Porter, W.M., **C. Pilon**, C.D. Perry, W.S. Monfort, J.L. Snider, G. Vellidis, A. Rabinowitz, and A.R. Smith. 2018. Selecting Valid and Practical Irrigation Scheduling Methods for Maximizing Yield of Runner Type Peanut Cultivars. APRES 50th Annual Meeting, Williamsburg, VA. July 10-12.
- Pilon, C.**, W.S. Monfort, C. Weaver, T. L. Grey, and V. Tishchenko. 2018. Early-Season Temperature Conditions Effect on Physiology of Peanut Seedlings. APRES 50th Annual Meeting, Williamsburg, VA. July 10-12.
- Virk, G.K.*, **C. Pilon**, and J.L. Snider. 2018. Planting Conditions Influence Early Season Crop Growth of Peanut Cultivars. APRES 50th Annual Meeting, Williamsburg, VA. July 10-12.
- Virk, G.K.*, **C. Pilon**, and J.L. Snider. 2018. First True Leaf Physiology of Peanut Plants under Different Field Conditions. APRES 50th Annual Meeting, Williamsburg, VA. July 10-12.
- Virk, G.K.*, J.L. Snider, **C. Pilon**, and M.A. Scolari. 2018. Impact of the First True Leaf on Seedling Vigor Under Field Conditions. In: ASA Southern Regional Branch Meeting, American Society of Agronomy. Jacksonville, FL. Feb. 4-6.
- Virk, G.K.*, J.L. Snider, **C. Pilon**, and M.A. Scolari. 2018. Planting seed mass influences early season crop growth characteristics. In: Proc. Beltwide Cotton Conf., National Cotton Council of America. Memphis, TN. Jan. 3-5.
- Virk, G.K.*, J.L. Snider, **C. Pilon**, and M.A. Scolari. 2018. Contributions of the first true leaf to seedling vigor under field conditions. In: Proc. Beltwide Cotton Conf., National Cotton Council of America. Memphis, TN. Jan. 3-5.
- Pilon, C.**, G.K. Virk, J.L. Snider, R.S. Tubbs, and M.A. Scolari. 2017. Planting date effect on seedling vigor of peanut cultivars. ASA/CSSA/SSSA International Annual Meeting. Tampa, FL. Oct. 22-25.
- Snider, J.L., G.K. Virk, **C. Pilon**, and M.A. Scolari. 2017. Assessing physiological contributions of the first true leaf to seedling vigor for cotton under field conditions. ASA/CSSA/SSSA International Annual Meeting. Tampa, FL. Oct. 22-25.
- Pilon, C.**, W.M. Porter, C.D. Perry, W.S. Monfort, J.L. Snider, G. Vellidis, A.R. Smith, and A. Rabinowitz. 2017. Effect of irrigation scheduling methods on yield of peanut cultivars. APRES 49th Annual Meeting, Albuquerque, NM. July 11-13.
- Rabinowitz, A., A.R. Smith, **C. Pilon**, W.M. Porter, C.D. Perry, W.S. Monfort, J.L. Snider, and G. Vellidis. 2017. The economics of irrigation scheduling methods. APRES 49th Annual Meeting, Albuquerque, NM. July 11-13.
- Kvien, C.K., C.C. Holbrook, T.B. Brenneman, A.K. Culbreath, **C. Pilon**, P. Ozias-Akins, M. Podio, C.L. Butts, M.C. Lamb, and R.B. Sorensen. 2017. Know when to hold them and know when to dig. APRES 49th Annual Meeting, Albuquerque, NM. July 11-13.

- Pilon, C.,** P.A. Moore, D.H. Pote, J.H. Pennington, J.W. Martin, D.K. Brauer, R.L. Raper, J. Lee. 2016. Grazing management and buffer strips impacts on sediment delivery from pastures fertilized with poultry litter. 2016 ASA-CSSA-SSSA Meetings, Phoenix, AZ. Nov. 05-09.
- Campana, A.C.F., E.A.P. Oliveira, C. Zucareli, I.C. Batista, D.M. Oosterhuis, and **C Pilon.** 2015. Alterações fisiológicas de plantas de algodão em resposta ao cloreto de mepiquat aplicado via sementes. (Physiological changes in cotton plants as response to mepiquat chloride applied to seeds). XIX Congresso Brasileiro de sementes. Foz do Iguaçu, PR, Brazil. Sep. 14-17.
- Oliveira, E.A.P., C. Zucareli, I.C. Batista, G.T. Nagashima, D.M. Oosterhuis, and **C. Pilon.** 2015. Cloreto de mepiquat associado a polímero de revestimento no potencial fisiológico de sementes de algodão. (Mepiquat chloride combined with polymer coating on physiological potential of cotton seeds. In Portuguese). XIX Congresso Brasileiro de Sementes. Foz do Iguaçu, PR, Brazil. Sep. 14-17.
- Oliveira, E.A.P., C. Zucareli, I.C. Batista, G.T. Nagashima, D.M. Oosterhuis, and **C. Pilon.** 2015. Eficácia e persistência do cloreto de mepiquat aplicado via sementes em parâmetros de crescimento de plantas de algodão. (Efficacy and duration of mepiquat chloride applied to seeds on growing parameters of cotton plants. In Portuguese). XIX Congresso Brasileiro de Sementes. Foz do Iguaçu, PR, Brazil. Sep. 14-17.
- Pilon, C.,** D.M. Oosterhuis, E.A.P. Oliveira, and T.B. Raper. 2014. Response of photosynthetic processes of cotton to a short-term drought stress during the reproductive stage. ASA/CSSA/SSSA International Annual Meeting. Long Beach, CA. Nov. 2-5.
- Coomer, T.D. D.M. Oosterhuis, T.B. Raper, **C. Pilon,** and J.M. Burke. 2014. Response of canopy Nitrogen stress indices to changes in cultivar and available Potassium. ASA/CSSA/SSSA International Annual Meeting. Long Beach, CA. Nov. 2-5.
- Pilon, C.,** D.M. Oosterhuis, and D. Loka. 2014. Genetic variation and heritability for acclimation traits among cotton genotypes under water-deficit stress. In: Proc. Beltwide Cotton Conf., National Cotton Council of America. Memphis, TN. Jan. 6-8.
- Pilon, C.,** D.M. Oosterhuis, and D. Loka. 2013. Genotypic differences in thermotolerance in cotton under drought stress. ASA/CSSA/SSSA International Annual Meeting. Tampa, FL. Nov. 3-6.
- Soratto, R.P., A.M. Fernandes, and **C. Pilon.** 2013. Absorção e eficiência do uso de fósforo por cultivares de batata. (Uptake and use efficiency of phosphorus by potato cultivars. In Portuguese) In: XI Seminário de Integração de Pesquisas do CERAT. Botucatu, SP, Brazil. Nov. 12.
- Pilon, C.,** R.P. Soratto, and C.A.C. Crusciol. 2010. Nutrição e produtividade de matéria seca de plantas de arroz em função da aplicação de fontes de silício no solo. (Nutrition and dry matter production of rice plants due to soil application of silicon sources. In Portuguese) In: V Simpósio Brasileiro sobre Silício na Agricultura. Viçosa, MG, Brazil. Aug. 14-16.
- Moreno, L.A., **C. Pilon,** R.P. Soratto, and C.A.C. Crusciol. 2010. Eficiência de fontes de silício na nutrição e produtividade de matéria seca de plantas de milho. (Efficiency of silicon sources in the nutrition and dry matter production of corn plants. In Portuguese) In: V Simpósio Brasileiro sobre Silício na Agricultura. Viçosa, MG, Brazil. Aug. 14-16.
- Pilon, C.,** L.A. Moreno, and R.P. Soratto. 2010. Efeito do silício na atividade enzimática e conteúdo relativo de água em plantas de batata sob déficit hídrico. (Effect of silicon in enzymatic activity and relative water content in potato plants under water-deficit stress. In Portuguese) In: XXVIII Reunión Argentina de Fisiología Vegetal. La Plata, Argentina. Sep. 26-29.
- Venturini Filho, W.G., R. Figueira, **C. Pilon,** and L.S. Sant'ana. 2009. Análise energética em bebidas de maçã. (Energetic analysis of apple beverage. In Portuguese) In: VIII SLACA – Simpósio Latino Americano de Ciência de Alimentos. Campinas, SP, Brazil. Nov. 8-11.
- Pilon, C.,** R. Figueira, W.G. Venturini Filho. 2006. Caracterização físico-química de sucos comerciais de maçã. (Physico-chemical characterization of commercial apple juices. In Portuguese) In: 14º SIICUSP: Simpósio Internacional de Iniciação Científica da USP. Piracicaba, SP, Brazil. Nov. 16-17.
- Pilon, L., M.H.F. Spoto, M.C. Tetelboim, J.P. Silva, **C. Pilon,** M.A. Gava, and S.B.S Sarmento. 2006. Avaliação microbiológica de abacaxis minimamente processados tratados com películas comestíveis. (Microbiological evaluation of fresh-cut pineapples treated with edible coatings. In Portuguese) In: IV Encontro Nacional sobre Processamento Mínimo de Frutas e Hortaliças. São Pedro, SP, Brazil. Apr. 4-7.

- Pilon, L., M.H.F. Spoto, M.C. Tetelboim, J.P. Silva, **C. Pilon**, M.A. Gava, and S.B.S Sarmiento. 2006. Fluxograma de processamento mínimo de abacaxi 'Pérola'. (Flowchart of fresh-cut pineapple 'Pérola'. In Portuguese) In: IV Encontro Nacional sobre Processamento Mínimo de Frutas e Hortaliças. São Pedro, SP, Brazil. Apr. 4-7.
- Copola, T.F., **C. Pilon**, D. Barnabe, and W.G. Venturini Filho. 2005. Análise sensorial de odor de fumaça em arroz. (Sensorial analysis of smoke odor in rice. In Portuguese) In: VI SLACA: Simpósio Latino Americano de Ciência de Alimentos. Campinas, SP, Brazil. Nov. 7-10.

Graduate Student Mentoring [9 total]

Committee Chair

- Leticia de Aguila Moreno. PhD in Crop and Soil Sciences, University of Georgia.
- Caleb Weaver. 2017 to 2019. MS in Crop and Soil Sciences, University of Georgia.
- Gurpreet K. Virk. 2017 to 2019. MS in Crop and Soil Sciences, University of Georgia.
- Matthew Stuart. 2017 to 2019. MS in Crop and Soil Sciences, University of Georgia.

Committee Member

- Steven Brad Davis. 2018 to 2020. MS in Crop and Soil Sciences, University of Georgia.
- Ana Julia Azevedo. 2017 to 2020. PhD in Crop and Soil Sciences, University of Georgia.
- Sara Beth Pelham. 2017 to 2020. PhD in Crop and Soil Sciences, University of Georgia.
- Lorena Lacerda. 2017 to 2020. PhD in Crop and Soil Sciences, University of Georgia.
- Nicholas L. Hurdle. 2017 to 2019. MS in Crop and Soil Sciences, University of Georgia.

Postdoctoral Advising [1 total]

- Nuengsap Thangthong. Postdoctoral Research Fellow Adjust. Jan-Dec 2018.

Undergraduate Students Mentoring [5 total]

- Beatriz da Silva Fabreti. Jan 2018-present. Physiology of peanut genotypes under different timing of drought stress.
- Vinicius Hideki Tada Perino. May 2018-present. Effect of fungicide application in pod maturity of peanut plants.
- Letícia de Aguila Moreno. 2010-2011. Yield and Quality of Potato (*Solanum tuberosum* L.) as a Function of Water-Deficit Stress and Application of Soluble Silicon. Scholarship from São Paulo Research Foundation (FAPESP).
- Murilo Carmelo Albertin. Jan-Aug 2010. Soil and Foliar Application of Soluble Silicon on Potato Crop (*Solanum tuberosum* L.) under Water-Deficit Stress.
- Livia Martineli. Aug-Sep 2009. Evaluation of Agronomic Efficiency and Feasibility of the Use of Silicon-Based Fertilizers FertiSilica 1 and FertiSilica 2 on Nutrition and Dry Matter Productivity of Rice and Corn Plants.

International Involvement

- Visiting Scholar Hosted:** Adriana L. Moro. University of Western Sao Paulo (UNOESTE). Visiting Researcher, June-Aug. 2018.
- Invited Talk:** Effect of seed storage on vigor of peanut seeds and seedlings. XV Symposium about Peanut Crop. Jaboticabal, SP, Brazil, August 2018. (Also noted in 'Invited Presentations')
- Invited Collaboration:** University of Western Sao Paulo (UNOESTE). Consisted of giving presentations and lectures and collaborating in research.
- Visiting Scholar Hosted:** Nan Jiang. Nanjing Agricultural University, China. Visiting Graduate Student Researcher, Sept. 2017-Sept. 2018.
- Visiting Undergraduate Intern:** Beatriz da Silva Fabreti. Sao Paulo State University, Botucatu, SP, Brazil. Jan. 2018-present. (Also noted in 'Undergraduate Students Mentoring')

Visiting Undergraduate Intern: Vinicius Hideki Tada Perino. Sao Paulo State University, Botucatu, SP, Brazil.
May 2018-present. (Also noted in 'Undergraduate Students Mentoring')

Presentations

- Photosynthetic Thermotolerance of Peanut Seedlings Exposed to Different Temperatures at Planting and Early Season. ASA/CSSA International Annual Meeting. Baltimore, MD. Nov. 2018.
- Early-Season Temperature Conditions Effect on Physiology of Peanut Seedlings. APRES 50th Annual Meeting, Williamsburg, VA. July 2018.
- Planting date effect on seedling vigor of peanut plants. Poster Presentation. 2017 American Society of Agronomy Meetings, Tampa, FL. Oct. 2017.
- Desenvolvimento de plantas de amendoim em diferentes épocas de semeadura. Poster Presentation. XIV Encontro sobre a cultura do amendoim, Jaboticabal, SP, Brazil. August 2017.
- Effect of irrigation scheduling methods on yield of peanut cultivars. Oral Presentation. 2017 APRES 49th Annual Meeting, Albuquerque, NM. July 2017.
- Grazing management and buffer strip impacts on sediment delivery from pastures fertilized with poultry litter. Oral Presentation. 2016 ASA-CSSA-SSSA Meetings, Phoenix, AZ. Nov. 2016.
- Osmotic adjustment and accumulation of proline in cotton genotypes under water-deficit stress. Poster Presentation. Agronomy and Crop Physiology Section. 2015 Beltwide Cotton Conferences, San Antonio, TX. Jan. 2015.
- Genotypic differences in photosynthetic processes of cotton to drought stress during the early reproductive stage. Poster Presentation. 2014 Graduate Poster Competition, University of Arkansas, Fayetteville, AR. Nov. 2014.
- Effect of drought on osmotic adjustment in commercial cotton cultivars. Oral Presentation. 2014 Gamma Sigma Delta Competition, Fayetteville, AR. Mar. 2014.
- Heritability of physiological traits of cotton genotypes to drought. Poster Presentation. 2014 Gamma Sigma Delta Competition, Fayetteville, AR. Mar. 2014.
- Osmotic adjustment in commercial cotton cultivars under drought stress. Oral Presentation. Agronomy and Crop Physiology Section. 2014 Beltwide Cotton Conferences, New Orleans, LA. Jan. 2014.
- Genetic variation and heritability for acclimation traits among cotton genotypes under water-deficit stress. Poster Presentation. Agronomy and Crop Physiology Section. 2014 Beltwide Cotton Conferences, New Orleans, LA. Jan. 2014.
- Genotypic differences in thermotolerance in cotton under drought stress. Poster Presentation. 2013 American Society of Agronomy Meetings, Tampa, FL. Nov. 2013.
- Osmotic adjustment in leaves and ovaries of commercial cotton cultivars under water-deficit stress. Oral Presentation. 2013 Arkansas Crop Protection Research Conference, Fayetteville, AR. Nov. 2013.
- Genotypic differences in thermotolerance in cotton under drought stress. Poster Presentation. 2013 Gamma Sigma Delta Competition, Fayetteville, AR. Mar. 2013.
- Photosystem II Thermostability in *Gossypium hirsutum* Cultivars under Water Stress. Poster Presentation. Crops Section. 2013 Graduate Poster Competition, University of Arkansas, Fayetteville, AR. Nov. 2013.
- Resposta Antioxidativa da Cana de Açúcar sob Aplicação de Maturadores. (Antioxidant Response of Sugarcane under Ripener Application.). Poster Presentation. Crop Physiology Section. 2010 II SIMCANA, Botucatu, SP, Brazil. Oct. 2010.
- Influência do Uso de Maturadores na Quantidade de Pigmentos na Rebrotas de Cana de Açúcar. (Influence of Ripener Use in Pigments Concentration in Sugarcane Regrowth.). Poster Presentation. Crop Physiology Section. 2010 II SIMCANA, Botucatu, SP, Brazil. Oct. 2010.
- Aplicação de Silício via Solo e via Foliar na Cultura da Batata (*Solanum tuberosum* L.) sob Déficit Hídrico. (Silicon Application by Soil and Foliar Means on Potato (*Solanum tuberosum* L.) Crop under Water-Deficit Stress.). Poster Presentation. Agronomy Section. 2010 FertBio, Guarapari, ES, Brazil. Sep. 2010.
- Efeito do Silício na Atividade Enzimática e Conteúdo Relativo de Água em Plantas de Batata sob Déficit Hídrico. (Effect of Silicon in Enzymatic Activity and Relative Water Content in Potato Plants under Water-Deficit

Stress.). Poster Presentation. Crop Physiology Section. 2010 XXVIII Reunión Argentina de Fisiología Vegetal, La Plata, Argentina. Sep. 2010.

Nutrição e Produtividade de Matéria Seca de Plantas de Arroz em Função da Aplicação de Fontes de Silício no Solo. (Nutrition and Dry Matter Productivity of Rice Plants under Application sources of Silicon in the Soil.). Poster Presentation. Agronomy Section. 2010 V Simpósio Brasileiro sobre Silício na Agricultura, Viçosa, MG, Brazil. Aug. 2010.

Invited Presentations

Peanut Physiology. Peanut Production Meeting in Louisville, Jefferson County. University of Georgia. February 14, 2019.

Peanut Physiology. SW/SE ANR Peanut Agent Training. University of Georgia, Tifton, GA. December 12, 2018

Peanut Physiology Program at the University of Georgia. Brazilian Farmer Tour. University of Georgia, Tifton, GA. October 8, 2018.

Peanut Physiology. 2018 UGA Cotton and Peanut Research Field Day. University of Georgia, Tifton, GA. September 5, 2018.

Effect of seed storage on vigor of peanut seeds and seedlings. 2018. XV Symposium about the Peanut Crop. Sao Paulo State University, Jaboticabal, SP, Brazil. Aug. 16-17, 2018.

Peanut Physiology. 2018 Agronomic Crops Agent Training Field Day. University of Georgia, Tifton, GA. June 7, 2018.

Peanut Physiology Program. 2017 UGA Cotton and Peanut Research Field Day. University of Georgia, Tifton, GA. September 6, 2017.

Peanut production in Georgia, USA. UNOESTE - Universidade do Oeste Paulista, Presidente Prudente, SP, Brazil. August 22, 2017.

Plant physiology - Studying and working in crop science in the USA. UNOESTE - Universidade do Oeste Paulista, Presidente Prudente, SP, Brazil. August 21, 2017.

Teaching Experience

Peanut Production and Management for High Yield. Guest lecturer, University of Western Sao Paulo (UNOESTE), Brazil, 30-hour credit. Fall 2018.

Physiology of seed maturation and factors affecting vigor of seeds and seedling. Guest lecturer, Sao Paulo State University, Brazil, 8-hour credit. Spring 2018.

Agriculture II. Lab Instructor, Potato Crop Classes. 4 hours per week. Instructor of record: Dr. Rogerio Peres Soratto. Sao Paulo State University (UNESP). Botucatu, SP, Brazil. Jul-Dec 2010.

Service

Committee Member, Student Poster Symposium and Competition – a UGA-Tifton Centennial Celebration Event. University of Georgia, Tifton, GA.

Search and Screen Committee Member, Assistant/Associate Professor in Plant Nutrition and Soil Fertility. Crop and Soil Sciences Department. University of Georgia. 2018.

Oral Competition Judge, November 2018. Crop Physiology and Metabolism – C02 Division. Crop Sciences Society of America, Baltimore, MD.

Committee Member, Annual Georgia Peanut Tour. University of Georgia. 2017-present.

Competition Judge, April 2018. 4th Annual Emory Cheek Research Poster Symposium. Sigma Xi – Tifton Chapter, Tifton, GA.

Oral Competition Judge, October 2017. Crop Physiology and Metabolism – C02 Division. Crop Sciences Society of America, Tampa, FL.

Associate Editor: Colloquium Agrariae Journal.

Hiring Committee Member: Program Technician Search and Screen Committee. Poultry Sciences Department. University of Arkansas. 2017.

Peer Review for the Journals: Journal of Environmental Quality, Environmental and Experimental Botany, and African Journal of Bacteriology Research.

Competition Judge, March 2016. 2016 Northwest Arkansas Regional Science and Engineering Fair. University of Arkansas, Fayetteville, AR.

Crops Representative, May 2014-April 2015. Crop, Soil, and Environmental Sciences Graduate Student Club. University of Arkansas, Fayetteville, AR.

Volunteer, 2014. CSES Environmental & Agricultural Sustainability Field Trip. Crop, Soil, and Environmental Sciences Department, University of Arkansas, Fayetteville, AR.

Volunteer, 2013. Down and Dirty Charity Races. Crop Soil, and Environmental Sciences. Graduate Student Club. University of Arkansas, Fayetteville, AR.

Participant, 2013. Student Diversity Dinner, Office of the Graduate School, University of Arkansas, Fayetteville, AR.

Competition Judge, 2010 6° Mostra Científica em Ciências Agrárias, 14° Mostra Científica da FMVZ e 17° Reunião Científica da Fazenda Leageado. São Paulo State University – UNESP, Botucatu, SP, Brazil.

Abstract Reviewer, 2010 II SIMCANA: Simpósio de Ecofisiologia, Maturação e Maturadores em Cana de Açúcar, Botucatu, SP, Brazil.

Event Organizer, 2010 II SIMCANA: Simpósio de Ecofisiologia, Maturação e Maturadores em Cana de Açúcar, Botucatu, SP, Brazil.

Competition Judge, 2009 5° Mostra Científica em Ciências Agrárias, 13° Mostra Científica da FMVZ e 16° Reunião Científica da Fazenda Leageado. São Paulo State University – UNESP, Botucatu, SP, Brazil.

Event Organizer, 2008 II SIMCANA: Simpósio de Ecofisiologia, Maturação e Maturadores em Cana de Açúcar, Botucatu, SP, Brazil.

Event Organizer, 2008 IV Simpósio sobre Gramados, Botucatu, SP, Brazil.

Professional Association Membership

American Peanut Research and Education Society (APRES)
 American Society of Agronomy
 Crop Science Society of America
 Soil Science Society of America
 Sigma Xi – The Scientific Research Society. University of Arkansas Chapter

Awards and Recognition

Student Awards and Recognition

2nd Place. Master's Student Poster Competition. ASA Southern Regional Branch Meeting in Birmingham, AL. Feb. 2019. *Matthew Stuart (MS student 2018 to present)*

1st Place. Master's Student Oral Competition. Beltwide Cotton Conferences, New Orleans, LA. Jan. 2019. *Gurpreet K. Virk (MS student 2017 to present)*

3rd Place. Master's Student Poster Competition. Beltwide Cotton Conferences, New Orleans, LA. Jan. 2019. *Gurpreet K. Virk (MS student 2017 to present)*

2nd Place. CSSA Crop and Metabolism division-Master's Student Poster Competition. ASA/CSSA International Annual Meeting. Baltimore, MD. Nov. 2018. *Gurpreet K. Virk (MS student 2017 to present)*

Master's Category. Poster Competition. APRES 50th Annual Meeting, Williamsburg, VA. July 2018. *Caleb Weaver (MS student 2018 to present)*

1st Place. Emory Cheek Research Graduate Poster Symposium. Sigma Xi Society. Tifton, GA. April 2018. *Gurpreet K. Virk (MS student 2017 to present)*

2nd Place. Crops Section-Graduate Student Poster Competition. Southern Branch Agronomy Society of America annual meeting in Jacksonville, FL. February 2018. *Gurpreet K. Virk (MS student 2017 to present)*

Personal Awards and Recognition

Aubrey E. Harvey Graduate Research Award. 2015. Sigma Xi. University of Arkansas. Fayetteville, AR.

Gerald O. Mott Award. 2015. University of Arkansas, Crop Science Society of America, Madison, WI.

CSES Outstanding PhD Student Award. 2015. Crop, Soil, and Environmental Sciences Department, University of Arkansas, Fayetteville, AR.

Outstanding Graduate Student in Cotton Research. 2014. University of Arkansas, Fayetteville, AR.

Second Place PhD Poster Presentation, Agronomy and Crop Physiology Section, 2014 Beltwide Cotton Conference, New Orleans, LA. Title: Genetic variation and heritability for acclimation traits among cotton genotypes under water-deficit stress.

Second Place Poster, Crops Section, 2013 Graduate Poster Competition, University of Arkansas, Fayetteville, AR
Title: Photosystem II thermostability in *Gossypium hirsutum* cultivars under water stress.