

Dr. Tim Pannkuk
Associate Professor
The Department of Agricultural Sciences
The College of Science and Engineering Technology

Degrees Earned

Doctor of Philosophy, Agronomy
Master of Science, Horticulture
Bachelor of Science, Horticulture

Peer-Review Publications

Pannkuk, T. 2015. Plant Factors for Irrigating Mixed Turfgrass and Shrub Landscapes in a Humid Environment. *HortTechnology* 25(3):322-329. This publication summarizes two-years of data.

Pannkuk, T. and A. Wolfskill. 2015. Residential outdoor water use in one East Texas Community. *Texas Water Journal* 6(1):79-85. This publication summarizes three-years of data.

Wherley, B., **T. Pannkuk**, R. Cabrera, C. Campos. 2013. Off-Target Injury to Southern Landscape Species Following Aminocyclopyrachlor Applications. *Journal of Environmental Horticulture*. 31(3):189-193. September 2013.

Pannkuk, T. 2012. A Taxonomic Key for Selected Turf-Type Bermudagrasses. *Texas Journal of Agriculture & Natural Resources* 24:83-87.

Pannkuk, T., J. Aitkenhead-Peterson, K. Steinke, J. Thomas, D. Chalmers, and R. White. 2011. Carbon, Nitrogen, and Orthophosphate Leaching from Soil under Single- and Mixed-Species Landscapes. *HortScience* 46(11):1533-1539

Pannkuk, T. and D. Fazzaro. 2011. Strengthening Collaborations with Landscaping Industry and Department of Agricultural Sciences: Using Structured Group Interview Approach for Enhancing the 21st Century Workforce. *Online Journal of Workforce Education and Development*. Vol. V Issue 2 – Summer 2011.

Pannkuk, T., R. White, K. Steinke, J. Aitkenhead-Peterson, D. Chalmers, and J. Thomas. 2010. Landscape Coefficients of Single- and Mixed-Species Landscapes. *HortScience* 45(10):1529-1533.

Fazarro, D., **T. Pannkuk**, D. Pavelock, and D. Hubbard. 2009. The effectiveness of instructional methods based on learning style preferences of agricultural students: a research tool for continuous improvement for faculty in career and technical programs. *Journal of Industrial Teacher Education*. 45(3):84-104.

Wingenbach, G., J. White, S. Degenhart, **T. Pannkuk**, and J. Smith. 2006. Pre-service teachers' knowledge and teaching comfort levels for applied agricultural science and technology area objectives. *Journal of Agricultural Education*. 48(2):114-126

Funded External Grants

Pannkuk, T. and M. Anderson. NIFA/USDA. Online Master's Degree in Alternative Agriculture Systems. Awarded Sept 2013. \$291,092 (Sep '13 – Aug '17). 70/30 split with Texas Department of Agriculture.

Wherley, B. and **T. Pannkuk**. 2011. Evaluate effects of elevated application rates of MAT28 products on potted ornamental plants in Texas. TexasAgriLife \$72,000 (\$23,000 to SHSU).

Hammond, R. and **T. Pannkuk**. Mar 2011. *Landscape Coefficients of Turfgrass and Woody Plant Combinations*. Texas Water Resources Institute. \$5000

Pannkuk, T. and R. White. Nov 2007. *A Comparison of Actual and Reference Evapotranspiration between Mixed Grassy and Woody Landscapes under Different Texas Climates*. Texas Nursery & Landscape Association. \$7600

Peer-Review Presentations/Posters

Pannkuk, T., S. Frey, and M. McBeth. Aquaponics Production of Tomato and Sweet Pepper Cultured in Two Types of Media. Sept 21, 2017. Amer Soc Hort Sciences. Waikoloa, HI.

Evers, L., M. Anderson, and **T. Pannkuk**. Consumers of Texas Alternative Agriculture: A Brief Study of Preferences and Beliefs. Aug 10th, 2016. Amer Soc Hort Sciences. Atlanta, GA.

Evers, L., M. Anderson, and **T. Pannkuk**. Producers of Texas Alternative Agriculture: A Brief Study of Beliefs. Aug 10th, 2016. Amer Soc Hort Sciences. Atlanta, GA.

Evers, L., M. Anderson, and **T. Pannkuk**. Texas Alternative Agriculture: A Brief Comparison of the Beliefs of Consumers and Producers. Aug 10th, 2016. Amer Soc Hort Sciences. Atlanta, GA.

Pannkuk, T. and R. Lane. Evaluation of Organic Fertilizer on Performance of St. Augustinegrass Cultivars. Aug 6th, 2015. Amer Soc Hort Sciences. New Orleans, LA.

Pannkuk, T., K. Ferrell, M. Anderson, and S. Kelley. SAFE: Sustainable Agriculture and Food Environments. Aug 6th, 2015. Amer Soc Hort Sciences. New Orleans, LA.

Ferrell, K., **T. Pannkuk**, and M. Anderson. Texas Sustainable Agriculture and Food Environments Program: Producer Perceptions. Crop Science Society International Annual Meeting. Long Beach, CA. (Nov 3, 2014)

Pannkuk, T. and R. Lane. Effects of organic nitrogen source on growth of five cultivars of St. Augustinegrass. American Society Horticultural Sciences. Orlando, FL. (Jul 30, 2014).

Pannkuk, T. and R. Smith. Poster. Nutrient Leaching from Soil in Mixed Turfgrass and Woody Plant Landscapes. American Society of Agronomy, Tampa, FL. (Nov 4, 2013).

Pannkuk, T. Poster. Landscape Coefficients of Mixed Turf and Woody Plant Landscapes. American Society of Horticultural Sciences Annual Meeting, Palm Desert, CA. (Jul 24, 2013).

Pannkuk, T. Poster. *Landscape Coefficients of Mixed Turf and Woody Plant Landscapes*. Soil and Crop Science Society Annual Meeting, Cincinnati, OH. Oct 21-24, 2012.

Pannkuk, T. Poster. *Landscape Coefficients of Mixed Turf and Woody Plant Landscapes*. Soil and Crop Science Society Annual Meeting, San Antonio, TX. Oct 16-19, 2011.

Pannkuk, T., Aitkenhead-Peterson JA, Steinke K, Thomas JC, Chalmers DR, White RH. Poster. *Leachate Chemistry from Soil under Turf and Nativegrasses in Southern Texas*. Soil and Crop Science Society of America Annual Meeting. Pittsburgh, PA. Nov 1-5, 2009

Pannkuk, T., Steinke, K., White, R., Chalmers, D., Peterson, J. 2008. Poster. *Landscape Coefficients of Newly Planted Mixed- and Single- Species Urban Landscapes*. Soil and Crop Science Society of America Annual Meeting. Houston, TX. October 5-8, 2008

Work or Professional Experiences

Sam Houston State University Department of Agricultural Sciences & Engineering Technology

Lecturer, 7 years

Assistant Professor, 6 years

Associate Professor, 2 year

Post-Baccalaureate

landcare industry, 2.5 years

greenhouse/nursery industry, 6 years

Honors and Awards

KUDOS and thanks! Award – SHSU October 2012

President, Texas Chapter – American Society of Agronomy, 2007-2008

Vice-President, Texas Chapter – American Society of Agronomy, 2006-2007