

## **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 21<sup>st</sup> 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.** and R. Saucier. Response of Five St. Augustinegrass Cultivars to Drought and Recovery. Jul 23, 2019. Amer Soc Hort Sciences. Las Vegas, NV.

**Pannkuk, T.** and R. Saucier. Response of Five St. Augustinegrass Cultivars to Drought and Recovery. Aug 3, 2018. Amer Soc Hort Sciences. Washington D.C.

**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 10<sup>th</sup>, 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 10<sup>th</sup>, 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 10<sup>th</sup>, 2016. Amer Soc Hort Sciences. Atlanta, GA.

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

**Pannkuk, T.**, K. Ferrell, M. Anderson, and S. Kelley. SAFE: Sustainable Agriculture and Food Environments. Aug 6<sup>th</sup>, 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

#### **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**

Chair '18-'19 – Ornamental Landscape & Turf Working Group – Amer Soc Hort Sciences

Chair Elect '17-'18 – Ornamental Landscape & Turf Working Group – Amer Soc Hort Sciences

Faculty Advisory Committee '18-'20 – National Assoc Landscape Professionals

