

**Dr. Tim Pannkuk**  
**Assistant Professor**  
Department of Agricultural and Industrial Sciences  
College Sciences

**Degrees Earned**

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

**Peer-Review Publications and Artistic Performances/Exhibitions**

**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.

**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.

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

Lang, H. and **T. Pannkuk**. 1998. *Effects of fertilizer concentration and minimum-leach drip irrigation on the growth of New Guinea Impatiens*. *Hortscience* 33 (4):600-606.

**Refereed Abstracts**

**Pannkuk, T.**, Wingenbach, G. W., Degenhart, S. H., White, J., & Smith, J. 2006. *Relationship of student teachers' knowledge and teaching comfort levels with agricultural science and technology objectives*. *NACTA Journal* 50(2). 74

White, J., Wingenbach, G. W., Degenhart, S. H., Smith, J., & **Pannkuk, T.** 2006. Five-iteration online survey method replicates response-pattern curves seen by other researchers. *NACTA Journal* 50(2). 99.

### **Research Monographs and Technical Reports**

R. White, R. Havlak, J. Nations, J. Thomas, D. Chalmers, **T. Pannkuk** and D. Dewey. 2004. "How Much Water Is 'Enough'? Using PET To Develop Water Budgets For Residential Landscapes". Texas Water Resources Institute. TR-271

### **Funded External Grants**

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.** Poster. *Landscape Coefficients of Mixed Turf and Woody Plant Landscapes*. Soil and Crop Science Society Annual Meeting, San Antonio, TX. Oct 19-6-19, 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  
Agricultural & Industrial Sciences  
Lecturer, 7 years  
Assistant Professor, 2.5 years

Post-Baccalaureate  
lawn & tree care industry, 2.5 years  
greenhouse/nursery industry, 6 years

### **Honors and Awards**

President, Texas Chapter – American Society of Agronomy, 2007-2008  
Vice-President, Texas Chapter – American Society of Agronomy, 2006-2007