

TIMOTHY R. PANNKUK, Ph.D.

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Formal Education

Doctor of Philosophy, Agronomy
Texas A&M University College Station, TX
August 2009

Dissertation title: Evapotranspiration and leachate Quality of Warm-Season Turf and Native grasses under Different Texas Landscape Climates

Master of Science, Horticulture
Texas A&M University College Station, TX
August 1995

Thesis title: Growth of New Guinea impatiens under no-leach drip irrigation

Bachelor of Science, Horticulture
Texas A&M University College Station, TX
May 1990

Peer Reviewed Publications

Wherley, B., **T. Pannkuk**, R. Cabrera, C. Campos. 2012. Evaluation of MAT28 products on potted ornamental plants in the southern United States. *Journal of Environmental Horticulture* (submitted Dec 2012).

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

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.

Presentations, Posters and Proceedings/Abstracts

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

Pannkuk, T. Poster. *Landscape Coefficients of Mixed Turf and Woody Plant Landscapes.* Soil and Crop Science Societies of America Annual Meeting, San Antonio, TX. Oct 17, 2011.

Pannkuk, T., J. Aitkenhead-Peterson, K. Steinke, J. Thomas, D. Chalmers, and R. White. 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., K. Steinke, J. Aitkenhead-Peterson, J. Thomas, R. White, and D. Chalmers. 2008. Presentation. *Landscape coefficients of newly planted mixed- and single-species urban landscapes*. Poster. Joint Meeting - Geologic Society, Crop Science Society, and Soil Science Society. Houston, TX Oct 6, 2008.

Pannkuk, T., G. Wingenbach, S. Degenhart, J. White, and J. Smith. Abstract. *Relationship of student teachers' knowledge and teaching comfort levels with agricultural science and technology objectives*. NACTA 2006 Annual Conference, Vancouver, British Columbia.

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

Degenhart, S., **T. Pannkuk**, J. White, J. Smith, and G. Wingenbach. Abstract. *Relationship of student teachers' knowledge and teaching comfort levels with agricultural science and technology objectives*. Proceedings of the 33rd Annual National Conference of the American Association for Agricultural Education, Charlotte, NC. 2006.

White, R., R. Havlak, J. Nations, J. Thomas, D. Chalmers, **T. Pannkuk** and D. Dewey. Conference Proceedings. *How Much Water Is 'Enough'? Using PET To Develop Water Budgets For Residential Landscapes*. Texas Section of the American Water Works Association. Arlington, TX April 5-8, 2004

Grants and Funding Received

Pannkuk, T. Apr 2012. Establish new turfgrass research plots. SHSU College of Science. \$11,000.

Wherley, B. and **T. Pannkuk**. Jan 2012. 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 D. Kingman. 2009. Graduate research grant for weather station construction. SHSU Department of Graduate Studies. Huntsville, TX. \$2347. Fall 2009.

Pannkuk, T. 2009. Graduate research grant for data acquisition equipment. SHSU Department of Graduate Studies. Huntsville, TX. \$4457. Fall 2009.

Pannkuk, T. and R. White. 2007. *A Comparison of Actual and Reference Evapotranspiration between Mixed Grassy and Woody Landscapes under Different Texas Climates*. Texas Nursery & Landscape Association. Austin, TX. \$7600. Dec 2007 – Aug 2008.

Ullrich, D., D. Pavelock, and **T. Pannkuk**. 2006. 2007 Horticulture Certification Workshop. Texas Education Agency. Austin, TX. \$13,000. September 1, 2006 - August 31, 2007.

Ullrich, D., D. Pavelock, and **T. Pannkuk**. (2004). Horticulture Certification Workshop. Austin, TX: Texas Education Agency. \$13,000.

Ullrich, D., D. Pavelock, and **T. Pannkuk**. (2003). Horticulture Certification Workshop. Austin, TX: Texas Education Agency. \$15,000.

Professional Experience

March 2002 – present

Department of Agricultural and Industrial Sciences

Sam Houston State University; Huntsville, TX

Assistant Professor (01/09 – present); Lecturer (03/02 – 12/08)

Professional Organizations

Crop Science Society of America

American Society of Horticultural Sciences

Turfgrass Producers of Texas

Texas Nursery and Landscape Association

Honors

Who's Who Among American Teachers 2004-2005

Pi Alpha Xi – Ornamental Horticulture Honors Society

Mill's Scholarship 2007 – Texas Water Resources Institute

Professional Activities

SHSU Horticulture and Crop Science Club – advisor

Texas AgriLife Walker County – Tree & Shrub Rehabilitation WorkShop
Speaker – Feb 2012

Texas Education Agency Horticulture Workshop for high school
Agriscience teachers – 2002, 2003, 2004, 2005, and 2007

Texas FFA Area IX Landscape Horticulture Career Development Event
leader (2002 through 2012)

Texas FFA State Landscape Horticulture Career Development Event
co-leader (2007 through 2012)

Texas Turfgrass Association (TTA) Summer Conference Speaker. July 2007

Turfgrass Producers of Texas (TPT) Field Day Speaker. May 23, 2007

Committee Work

National: Crop Science Society of America – K-12 Committee
Crop Science Society of America – Fred Grau Award
Committee

University: Parking Appeals Committee
Student Disciplinary Hearing Committee
Student Organizational Board - Chair

Department: Scholarship Committee
Ag Development Account
Plant Science Facility Planning
FES/Merit Committee