

TIMOTHY R. PANNKUK, Ph.D.

Curriculum Vita

Sam Houston State University
Agriculture & Industrial Sciences Department
P.O. Box 2088 Huntsville TX, 77341

(936) 294-3333 (office)
(936) 294-4163 fax

(936) 435-9609 (home)
pannkuk@shsu.edu

Formal Education

Philosophy Doctorate, 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

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)

Duties:

Teach undergraduate courses in horticulture and agronomy including AGR 165 (Plant Science), AGR 274 (Production and Management of Ornamentals), AGR 275 (Turfgrass Management), AGR 295 (Ornamental Plant Identification), AGR 344 (Soil Science), AGR 395 (Plant Propagation), AGR 398 (Landscape Design I), AGR 472 (Sports Turf Management), AGR 497 (Integrated Pest Management). Other responsibilities include advising the Horticulture and Crop Science Club, and overseeing the activities of the university Horticulture Center.

2001

Bunch Wholesale Incorporated
Huntsville, TX

Duties:

Territory sales for wholesale greenhouse, nursery, and garden products supplier.

Jan 1998 – Jun 2001

Colorspot Nurseries Inc.
Waco and Huntsville, TX

Duties:

Grower /manager – successfully schedule and grow a wide variety of ornamental crops. Responsibilities included training and managing labor force, and purchasing of raw materials.

May 1997 – Jan 1998

Neal Robinson's Wholesale Nursery
Brownsville, TX

Duties:

Grower of various tropical foliage plants and planned production events.

Aug 1995 – May 1997

Turkey Creek Farms
Humble, TX

Duties:

Grower/manager – schedule and grow a wide variety of plant materials. Responsibilities included testing captured runoff water for re-use in irrigation practices

Jan 1993 – Aug 1995

Department of Horticultural Sciences
Texas A&M University; College Station, TX

Duties:

Graduate research/teaching assistant – taught lab sections for major professor's classes. Designed and carried out research project for thesis work. Research project involved a water saving irrigation system with the aid of microtensiometers and computer software.

May 1990 – Oct 1992

Chemlawn Corp.
San Antonio, TX

Duties:

Tree/shrub/lawn specialist – consulted and serviced the landscapes of residential and commercial customers. Responsibilities included training new specialists.

Peer Reviewed Publications

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. 2009. *Landscape coefficients in single- and mixed-species landscapes of Southern Texas*. Presentation. Faculty of Soil and Crop Sciences Department, Texas A&M U., College Station, TX. July 29, 2009.

Pannkuk, T., Steinke, K., Aitkenhead-Peterson, J., Thomas, J., White, R., and Chalmers, D. 2008. *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. 2006. *Relationship of student teachers' knowledge and teaching comfort levels with agricultural science and technology objectives*. Abstract. NACTA 2006 Annual Conference, Vancouver, British Columbia.

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

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

White, R., 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*. Conference Proceedings of the Texas Section of the American Water Works Association. Arlington, TX April 5-8, 2004

Grants and Funding Received

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. Dec 2007 – Aug 2008. \$7600

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 Organizations

American Society of Agronomy

Texas Nursery and Landscape Association

Texas Chapter of the American Society of Agronomy
- Current Past President

Honors

Who's Who Among American Teachers 2004-2005

Pi Alpha Xi – Ornamental Horticulture Honors Society

Mill's Scholarship 2007-2008 – Texas Water Resources Institute

TAMU Horticulture Graduate Council Outstanding Service Award 1993

Professional Activities

SHSU Horticulture and Crop Science Club – advisor

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 2009)

Texas FFA State Landscape Horticulture Career Development Event
co-leader (2007, 2008, and 2009)

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

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