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Education

- 1986 Ph.D., Horticulture, Texas A&M University, College Station, Texas
- 1982 Permanent Secondary School Teacher Certificate (Horticulture), University of Missouri, Columbia, Mo.
- 1980 M.S., Horticulture, University of Missouri, Columbia, Mo.
- 1979 Floral Design Diploma, American Floral Art School, Chicago, Ill.
- 1977 B.S., Horticulture, University of Missouri, Columbia, Mo.

Experience

- 2012-present, Professor, Department of Horticultural Sciences, Texas A&M University, College Station, Texas
- 2000-2012, Associate Professor, Department of Horticultural Sciences, Texas A&M University, College Station, Texas
- 1997-2000 Associate Professor, Department of Ornamental Horticulture & Landscape Design, University of Tennessee, Knoxville, Tenn.
- 1991-1997 Assistant Professor, Department of Ornamental Horticulture & Landscape Design, University of Tennessee, Knoxville, Tenn.
- 1986-1991 Assistant Professor, Department of Plant and Soil Science, Southern Illinois University, Carbondale, Ill.
- 1982-1986 GRA and TA, Department of Horticultural Sciences, Texas A&M University, College Station, Texas
- 1977-1981 Instructor, Department of Horticulture, University of Missouri, Columbia

Undergraduate Courses

HORT 426 – International Floriculture Marketing (web-based), team taught. An overview of the importance, cost, and opportunities in marketing floral products. Taught every other spring semester.

HORT 428 – Commercial Greenhouse Management (web-based lecture with hands-on lab). Principles of greenhouse management for commercial production of floral crops; greenhouse construction and operation; regulating and controlling the environment; applying cultural practices as they affect plant processes and influence growth and development; management and marketing of high quality floriculture crops. Taught every fall semester.

HORT 429 – Floriculture Crop Production (web-based lecture with hands-on lab). Production of floriculture crops in the greenhouse environment; scheduling and controlling crop growth for target market periods; specific flowering crops are used as models to demonstrate potted flowering plant, cut flower, and garden plant production systems. Taught every other spring semester.

HORT 440 – International Horticulture (Summer Study Abroad - Italy). Popular and lesser-known horticultural commodities and how geography, culture, politics, and history play a role in influencing what we eat and enjoy in the landscape and our homes every day. Particular emphasis is given to those horticultural products that are represented in the Italian cuisine and gardens. The course will also educate the students on how to ‘read’ and interpret historical gardens.

Graduate Courses

HORT 626: International Floriculture Marketing (Web-based), team taught. An overview of the importance, cost, and opportunities in marketing floral products. Taught every other spring semester.

Refereed/Peer Review Publications (past 9 years)

- Greyvenstein, O.F.C., T. Starman, B. Pemberton, G. Niu, and D. Byrne. 2015. Development of a rapid screening method for selection against high temperature susceptibility in garden roses. HortScience (accepted).
- Bingham, A.K., T.W. Starman, and L. Lombardini. 2015. Substrate moisture content effects on growth and shelf life of *Angelonia angustifolia*. HortScience 50(2): 272-278.
- Greyvenstein, O.F.C., B. Pemberton, T. Starman, G. Niu, and D. Byrne. 2014. Effect of two-week high-temperature treatment on flower quality and abscission of *Rosa* L. 'Belinda's Dream' and 'RADrazz' (KnockOut) under controlled growing environments. HortScience 49(6): 701-705.
- Cai, X., T.W. Starman, G. Niu, and C. Hall. 2014. The effect of substrate moisture content on growth and physiological responses of two landscape roses (*Rosa hybrida* L.). HortScience 49(6): 741-745.
- Cai, X., S. Youping, T.W. Starman, C. Hall and G. Niu. 2014. Response of 18 Earth-Kind rose cultivars to salt stress. HortScience 49(5): 544-549.
- Cai, X., G. Niu, T.W. Starman, and C.Hall. 2014. Response of six garden roses to salt stress. Scientia Hort. 168: 27-32.
- Niu, G., T.W. Starman and D. Byrne. 2013. Responses of growth and mineral nutrition of garden roses to saline water irrigation. HortScience 48(6): 756-761.
- Cai, X., T.W. Starman, G. Niu, C. Hall, and L. Lombardini. 2012. Response of selected garden roses to drought stress. HortScience 47(8): 1050-1055.
- Spiers, J.D., F.T. Davies, Jr., C. He, T.W. Starman, S.A. Finlayson, S.A. Senseman, and K.M. Heinz. 2011. Fertilization affects constitutive and wound-induced chemical defenses in *Gerbera jamesonii*. J. Environ. Hort. 29(4): 180-184.
- Lin, M., T.W. Starman, Y.T. Wang, G. Niu, and J.T. Cothren. 2011. Deferring flowering of nobile dendrobium hybrids by holding plants under low temperature after vernalization. Scientia Hort. 130: 869-873.
- Niu, G., R.I. Cabrera, T. W. Starman, and C. Hall. 2011. Water conservation in ornamental plant production through the use of alternative irrigation water sources. HortTechnology 21(6): 694-695.

- Lin, M., T.W. Starman, Y.T. Wang, and G. Niu. 2011. Vernalization duration and light intensity influence flowering of three hybrid nobile dendrobium cultivars. *HortScience* 46(3): 406-410.
- Niu, G., D.S. Rodriguez, and T.W. Starman. 2010. Response of bedding plants to saline water irrigation. *HortScience* 45(4): 628-636.
- Beach, S.E., T.W. Starman, K. Eixmann, H.B. Pemberton, and K.M. Heinz. 2009. Reduced end-of-production fertilization rate increased postproduction shelf life of containerized vegetative annuals. *HortTechnology* 19(1): 158-167.
- Yen, C., T.W. Starman, Y.T. Wang, and G. Niu. 2008. Effects of cooling temperature and duration on flowering of nobile dendrobium orchid. *HortScience* 43: 1765-1769.
- Yen, C., T.W. Starman, Y.T. Wang, A. Holzenberg, and G. Niu. 2008. Timing of nutrient termination and reapplication on growth, flower initiation, and flowering of the nobile dendrobium orchid. *J. Amer. Soc. Hort. Sci.* 133(4): 501-507.
- Mason, S., T.W. Starman, D.L. Lineberger, and B. Behe. 2008. Consumer preferences for price, color harmony and care information of container gardens. *HortScience* 43: 380-384.
- Bichsel, R.G., T.W. Starman, and Y.T. Wang. 2008. Nitrogen, phosphorus and potassium requirements for optimizing growth and flowering of the nobile dendrobium as a potted orchid. *HortScience* 43: 328-332.
- Starman, T.W., S.E. Beach, and K. Eixmann. 2007. Postharvest decline symptoms after simulated shipping and during shelf life of 21 cultivars of vegetative annuals. *HortTechnology* 17(4): 544-551.
- Starman, T.W. and L. Lombardini. 2006. Growth, gas exchange, and chlorophyll fluorescence of four ornamental herbaceous perennials during water deficit conditions. *J. Amer. Soc. Hort. Sci.* 131(4): 469-475.
- Spiers, J.D., F.T. Davies, C. He, C. Bogran, K.M. Heinz, T.W. Starman, and A. Chau. 2006. Effects of insecticides on gas exchange, vegetative and floral development and overall quality of gerbera. *HortScience* 41(3): 701-706.