

**Derald A. Harp****School of Agriculture Texas A&M University-Commerce****Phone** (903) 886-5329 **FAX** (903) 886-5990 [derald.harp@tamuc.edu](mailto:derald.harp@tamuc.edu)**Education**

|                           |                                       |             |
|---------------------------|---------------------------------------|-------------|
| Tarleton State University | Horticulture and Landscape Management | BS, 1989    |
| Tarleton State University | General Agriculture                   | MS, 1993    |
| Texas A&M University      | Horticulture                          | Ph.D., 2000 |

**Professional Experience**

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|---------------------|-------------------------------------|----------------|
| Professor           | Texas A&M University-Commerce       | 2015 – present |
| Associate Professor | Texas A&M University-Commerce       | 2009 – 2015    |
| Assistant Professor | Texas A&M University – Commerce     | 2003 – 2009    |
| Assistant Professor | Southeast Missouri State University | 2000 – 2003    |

**Professional Activities**

- American Society for Horticultural Sciences
- International Society for Horticultural Science
- Texas Nursery and Landscape Association
- Northeast Texas Nursery Growers Association
- International Plant Propagators Society

**Honors and Awards**

- 2017 Superior Service Award, Texas A&M AgriLife Extension Service
- 2015 Global Scholar Award, Texas A&M University-Commerce
- 2014 President, Agricultural Consortium of Texas
- 2014 Vice Chancellor's Award in Excellence, Texas A&M AgriLife
- 2014 Neill Humfeld Distinguished Faculty Award for Service, Texas A&M University-Commerce

**Grants**

1. \$3,279,861 (\$92,966 to TAMUC) Co-PI Systematic Strategies to Manage Crapemyrtle Bark Scale, An Emerging Exotic Pest. USDA-NIFA-SCRI (2017 – 2020).
2. \$5,000. PI. Evaluation of AgriSpon to Enhance Composting Rate. Agricultural Sciences, Inc (2015-2016).
3. \$15,000 Collaborator. Establishment of the Chamblee Earth-Kind Rose Garden. Tyler Parks and Recreation (2012-2013).
4. \$60,000. Collaborator. Columbus, OH Earth-Kind Rose Garden. Columbus, OH Parks and Recreation Dept (2012-2013).

**Publications**

1. Harp, D., G. Hammond, D.C. Zlesak, G. Church, M. Chamblee, and S. George. 2020. Landscape performance of Buck roses under minimal-input conditions in north-central Texas. HortTechnology (accepted).
2. Harp, D., G. Hammond, D.C. Zlesak, G. Church, M. Chamblee, and S. George. 2019. Flowering, drought and disease tolerance, and landscape performance of landscape roses grown under low-input conditions in north-central Texas. HortTechnology 29(3):235-240.
3. Kolade, O., D.A. Harp, C. Jones, and J. Lopez. 2018. Effects of zinc fertilization on growth and leaf nutrient content of *Celosia argentea* L. J. Appl. Hort. 20(3):201-205.

4. Aydin, B., S. Kim, and D. Harp. 2018. Designing an automated sustainable green roof system. Proc. IISE Ann. Conf. 251-256.
5. Zlesak, D.C., R. Nelson, D.Harp, B.Villarreal, N. Howell, J. Griffin, G. Hammond, and S. George. 2017. Performance of twenty landscape roses grown under minimal input conditions in the north-central, central, and south-central United States. HortTechnology 27:718-730.
6. Harp, D.A. C. Hosotani, K. Chretien, D. Zlesak, and S. George. 2017. Temperature, CO<sub>2</sub> assimilation, and stomatal conductance in leaf black damaged rose leaves. HortScience 52(9): S 48 (Abstr.).
7. Chretien, K. and D.A. Harp. 2017. Performance of Black Diamond™ crape myrtles (*Lagerstroemia indica* L.) in northeast Texas. HortScience 52(9):S53 (Abstr.).
8. Harp, D.A., T. Williams, A. Sandifeer, and S. George. 2017. Long-term performance of cool-season annuals fertilized with slow-release fertilizer or compost. HortScience 52(9):S50 (Abstr.).
9. Kolade, Olukunle, M.O. Fawole, J. Lopez, and Derald A. Harp. 2016. Evaluation of zinc and phosphorus fertilizer on Celosia grown in Nigeria. HortScience 51(9): S44 (abstr.).
10. Derald A. Harp, M. McPherson, and K. Chretien. 2016. Landscape fabric performance and effect on soil organic matter. HortScience 51(9): S44-S45 (abstr.).
11. Harp, Derald A., Keisha Kay, David C. Zlesak, and Steve George. 2015. The effect of root size on drought stress tolerance and landscape plant performance. Tex. J. Ag. Nat. Res. 28: 82-88.
12. Harp, Derald A., Cheng Chen and Curtis Jones. 2015. Seed germination of perennial flower species in green roof media. HortTechnology 25 (2): 221 – 227.
13. Zlesak, D.C., D.A. Harp, K. Zuzek, J.J. Sloan, A. Owings and S.W. George. 2015. Earth-Kind Rose Trialing: An International Model for the Identification of Regionally-Adapted Landscape Roses. Acta Hort 1064: 123 – 129.
14. Harp, Derald A., Steve George, Greg Church, John Sloan, Dinesh Adhikary, Josephine Taylor, Dennis Gravat, and David Zlesak. 2014. Leaf Blackening – A New Physiological Disorder in Rose. HortScience 49(9): S31-S32 (abstr.).
15. Harp, Derald A. and Cheng Chen. 2014. Seed Germination in Green Roof Media. HortScience 49(9): S31 (abstr.).

### **Synergistic Activities**

Harp, Derald A. 2015. Ornamental Landscape Plants for Northeast Texas.

Harp, Derald A. 2015. Introduction to Horticulture Lab Manual, 3<sup>rd</sup> Ed.

Harp, Derald A., R. Lemus, K. and C. Jones. 2017. Soil Science Lab Manual, 4<sup>th</sup> ed.