MARK A. HUSSEY
Professor, Forage Breeding & Management
Vice Chancellor & Dean Emeritus
Department of Soil & Crop Sciences, Texas A&M University

EDUCATION

1983	Ph.D.	Plant Breeding, Texas A&M University
1979	M.S.	Plant Breeding, Texas A&M University
1977	B.S.	Biology, University of Illinois

PREVIOUS EXPERIENCE

2009-2018	Vice Chancellor & Dean for Agriculture and Life Sciences, Texas A&M University System
2014-2015	Interim President, Texas A&M University
2007-2009	Director, Texas A&M AgriLIfe Research, Texas A&M University System
2004-2007	Associate Director, Texas A&M AgriLIfe Research
2001-2005	Head, Department of Soil & Crop Sciences, Texas A&M University
1999-2001	Interim Associate Head for Research, Department of Soil & Crop Sciences, Texas A&M University
1997-2005	Professor, Department of Soil & Crop Sciences, Texas A&M University
1991-1997	Associate Professor, Department of Soil & Crop Sciences, Texas A&M University
1985-1991	Assistant Professor, Department of Soil & Crop Sciences, Texas A&M University
1983-1985	Assistant Professor, Texas Agricultural Experiment Station at Weslaco (currently Texas A&M Agrilife Research), Texas A&M University System

PROGRAM OVERVIEW

The goals of my program are to 1) to develop tools (e.g. molecular, morphological, chemical, etc.) to rapidly identify morphologically similar species of apomictic grasses, 2) to characterize genetic variation within these apomictic taxa across large geographic ranges, 3) to better understand the role that low frequencies of sexual reproduction, fertilization of unreduced gametes, etc. may play on the success and fitness of apomictic taxa and to 4) develop management strategies to enhance the sustainability of forage-livestock systems.

HONORS, AWARDS, RECOGNITION

2018	Vice Chancellor & Dean Emeritus, The Texas A&M University System and Texas A&M University (presented by the Board of Regents, Texas A&M University System)
2017	Distinguished Achievement Award for Administration, Association of Former Students, Texas A&M University
2014	Awarded Honorary Doctorate from Dharwad Agricultural University, Dharwad, India
1993	Participated in ESCOP Leadership Development Program, Class III

SELECTED RESEARCH PROGRAM ACCOMPLISHMENTS

- Author or co-author of 61 refereed publications
- Author or co-author of 133 technical abstracts and publications
- Author or co-author of 21 invited national or international presentations
- Author or co-author of 8 germplasm or cultivar releases
- Chair or co-chair for 12 M.S. and 14 Ph.D. students
- Trained 4 Post-doctoral Research Associates

SELECTED RESEARCH PUBLICATIONS

Hussey, M.A. and B.L. Burson. 2004. Registration of 'Frio' buffelgrass. Crop Sci. 45:411-412.

Ocumpaugh, W.R., **M.A. Hussey**, J. Grichar, J. Muir, J. Reed, A.A. Hopkins, G. Evers, and G. R. Smith. 2004. Registration of 'Armadillo' Burr Medic. Crop Sci. 44:1023-1024.

Jessup, R.W.*, B.L. Burson, G. Burow*, Y.-W. Wang*, C. Chang, Z. Li*, A.H. Paterson, and **M.A. Hussey**. 2003. Segmental allotetraploidy and allelic interactions in buffelgrass (*Pennisetum ciliare* (L.) Link syn *Cenchrus ciliaris* L.) as revealed by genome mapping. Genome 46:304-313.

Burson, B.L., **M.A. Hussey**, J.M. Actkinson, and G.S. Shafer*. 2002. Effect of pollination time on the frequency of 2n+n fertilization in apomictic buffelgrass. Crop Sci. 42:1075-1080.

Jessup, R.W.*, B.L. Burson, G.B. Burow*, Y.W. Wang*, C. Chang, Z. Li*, A.H. Paterson and **M.A. Hussey**. 2002. Disomic inheritance, suppressed recombination, and allelic interactions govern apospory in buffelgrass as revealed by genomic mapping. Crop Sci. 42:1688-1694.

Shafer, G.S*., B.L. Burson, and **M.A. Hussey**. 2000. Stigma receptivity and seed set in protogynous buffelgrass. Crop Sci. 40:391-397.

Hussey, M.A. and E.C. Bashaw. 1996. Performance of buffelgrass germplasm with improved winter survival. Agron. J. 88:944-946.

Vielle, J.-Ph.*, B.L. Burson, E.C. Bashaw, and **M.A. Hussey**. 1995. Early fertilization events in sexual and aposporous egg apparatus of *Pennisetum ciliare* L. Link. Plant Journal 8:309-316.

Bashaw, E.C., **M.A. Hussey**, and K.W. Hignight*. 1992. Hybridization (n+n and 2n+n) of facultative apomictic species in the *Pennisetum* agamic complex. Int. J. Plant Sci. 153:466-470.

Hussey, M.A., E.C. Bashaw, K.W. Hignight*, and M.L. Dahmer. 1991. Influence of photoperiod on the expression of sexuality in facultative buffelgrass. Euphytica 54:141-145.

Everitt, J.H., D.E. Escobar, M.A. Alaniz, and **M.A. Hussey**. 1987. Drought stress detection of buffelgrass with color infrared aerial photography. Photogrammetric Engineering and Remote Sensing 53:1255-1258.

* Indicates former graduate students and/or post-doctoral research associates.