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### PROFESSIONAL EXPERIENCE

Sam Houston State University Department of Agricultural Sciences

September, 2006 to Present

**Professor of Soil and Crop Sciences.** 

engaged in 4-H and FFA youth programs and other outreach activities. Served on a number of university committees, including the Academic Affairs Council. Advised undergraduate and graduate students. Served as chair or member of a number of community committees and boards dealing with agricultural issues, community needs, and a variety of other issues.

Associate Professor Assistant Professor Acting Chair Lecturer May, 1988 to August, 1995 September, 1987 to April, 1988 January, 1988 to June, 1988 September, 1982 to August 1987

Taught undergraduate and graduate classes in Soil Science, Plant Science, Crop Science, Food and Fiber Crops, Techniques and Interpretation of Research, Forestry, Turfgrass Science, Undergraduate Seminar, Forage Crops and Pasture Management, Soil Fertility Management and Fertilizers, Integrated Pest Management, and others. Advised undergraduate and graduate students. Supervised graduate student research and completion of masters theses. Served on numerous departmental, college and university committees. Served as advisor to SHSU Chapter of Delta Tau Alpha – National Agricultural Honor Society and the Crop Science Club.

University of Louisiana-Lafayette (formerly University of Southwestern Louisiana)
Department of Plant and Soil Sciences

**Assistant Professor** 

August, 1980 to August, 1982

Taught undergraduate courses in Soil Science, Sugar, Fiber, and Oil Crops, Turfgrass4 (e) 4 ET Q q 0.24 0

Southern Pasture and Forage Crop Improvement Council Texas Chapter-American Society of Agronomy Texas Forage and Grassland Council

## **HONORS/AWARDS**

Texas Education Agency Outstanding Career and Technology Alumni Award - 1998 Delta Tau Alpha Outstanding Teacher-Advisor Award - 1992 Texas Chapter-American Society of Agronomy

Secretary - 1985-87 V. President - 1987-88 President - 1988-89

Walker County Fair Association

Executive Board Member – 2004-present Vice President – 2006-2012
President – 2012 to 2014
Immediate Past President – 2014 to 2016

Sam Houston State University Alumni Association Advisory Board Member – 1999-2005

Walker County Agrilife Extension Service

Livestock and Pasture Committee Treasurer – 2004 to present Advisory Board Member – 1995 to present

Walker County Special Utility District
Board Member – 2006 to present
Vice President – 2009-2010
President – 2011 to 2013

#### **PUBLICATIONS**

Lane, Robert A. 1986. Use of a laboratory field project in an introductory crop science course. Journal of Agronomic Education, 15:40-43.

Lane, Robert A. and Henry Iyamu. 1987. Effects of postemergence herbicides on seedling development of selected legumes. <u>Texas Journal of Agriculture and Natural Resources</u>. 1:27-29.

Lane, Robert A. 1989. Bermudagrass recovery and sward yields following sod suppression for clover establishment. Paper presented at the American Forage and Grassland Council- Annual

Lane, Robert A., K. H. Lin and K. E. Lege. 1990. Effect of defoliation interval on the yield and seed characteristics of subterranean clover. Presented at the American Forage and Grassland Conference, Virginia Tech, Blacksburg, Va., June 8, 1990. Paper published in refereed Proceedings, pp. 261-267.

Lane, Robert A., Gerald W. Evers and B. E. Conrad. 1990. Chemical suppression of bermudagrass to aid in clover establishment. Published in <u>Proceedings</u> of the Southern Association of Agricultural Scientists annual meeting, Little Rock, Arkansask, Arka4 0 0 0168 230 Tm /TT

Amaradasi, Bimal S., **Robert A. Lane**, and Manage Bandulasiri. Vertical migration of *Haemonchus contortus* infective larvae on *Cynodon dactylon* and *Paspalum notatum*, <u>Veterinary Parasitology</u> 170 (2010), pp. 78-87.

Lane, Robert A. and Russell Yancy, Herbicide control of dallisgrass in bermudagrass turf, abstract #63473 published on CD in <u>Proceedings</u> (2011 abstracts), Southern Association of Agricultural Scientists Annual Conference, February 6-8, 2011.

K. J. Stutts, M. J. Thomas, M. M. Beverly, **R. A. Lane**, and S. F. Kelley. 2011. Selected condensed tannin-containing plant extracts and their effects on *Haemonchus contortus* larvae. J. Anim. Sci. Vol. 89, E-Suppl. 1/J. Dairy Sci. Vol. 94, E-Suppl. 1, p. 397.

Lane, Robert A. "Pasture Renovation Effects on Jiggs Bermudagrass Production," refereed paper published on CD of 2013 Proceedings and Abstracts, American Forage and Grassland Council Annual Meeting, Covington, KY, January 6-9, 2013.

Leipnik, Mark, **Robert A. Lane**, Yun Su and Xinyue Ye. Agriculture and Food Production In China and the U.S. *in* A Comparative Geography of China and the U.S., Edited by Rudi Hartman, Jing'ai Wang, Tao Ye, 01/2014: chapter 4: pages 117-158; Springer, ISBN: 978-94-017-8792-5.

Lane, Robert A. and Mark Anderson. "Pasture Herbicide Effects on Crimson Clover," (2014 Abstracts) American Society of Agronomy Convention, Long Beach, CA, November 3, 2014.

Lane, Robert A. and Mark Anderson. "Pasture Herbicide Effects on Crimson and White Clover," (2016 Abstracts), American Forage and Grassland Conference, Baton Rouge, LA, January 12, 2016.

Yildiz, F., , , , Ullrich, D. 2016. "
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," (2016 Abstracts), 5<sup>th</sup> IAJC/ISAM Joint Conference, November 6-8, 2016. Orlando, FL.

Lane, Robert A, S. Nair, D. Matar, and B. McCoy.

**Lane, Robert.** A., K. H. Lin, and K. E. Lege. "Effect of Clipping Frequency on Yield and Seed Production Characteristics of Subterranean Clover," Paper presented at the Texas Chapter-American Society of Agronomy, Feb. 15 & 16, 1990, College Station, Texas.

Lane, Robert A. and Buddy J. Hinson. 1990. "Variations in Forage Quality of Three Warm Season Perennial Grasses," Presented at the Annual Meeting of the American Society of Agronomy, San Antonio, Texas, Oct. 25, 1990. Abstract published in Proceedings. Also presented as an invited paper at the Annual Meeting of the Texas Chapter- American Society of Agronomy, Uvalde, Texas, Feb. 14, 1991.

Lane, Robert A. and Muzaffer Isik. 1991. "Effect of Soil Moisture, Seed placement, and Inoculation Method on Rhizobium Survival," Presented at the Annual Meeting of the Southern Association of Agricultural Scientists. Ft. Worth, Texas, Feb. 5, 1991. Abstract published in Proceedings.

Lane, Robert A. 1995. "Rate of Foliage Decomposition and Nitrogen Release From Three Tropical Legumes," Presented at the Association of Southern Agricultural Scientists meetings, New Orleans, LA, January 31, 1995. Abstract published in Proceedings.

Lane, Robert A. "Use of Fireant Baits in Residential Areas," Texas Pest Control Operators, Huntsville, Texas, November 12, 1996.

Lane, Robert A. "Will stockpiled forages meet the needs of your cattle?" Bedias Creek Soil and Water Conservation District Forage Field Day, Bedias, Texas, April 29, 1998.

Lane, Robert A. [W.R Ocumpaugh, D.H. Bade, K.A. Cassida, S.W. Coleman, W.J. Grichar, M.A. Hussey, W.E. Pinchak, W.D. Pittman, J.N. Rahmaes, J.C. Read, R.L. Reed, D.C. Sestak, and G.R. Smith] "Limits of Adaptation of a Burr Medic Selection Naturalized in South Texas," paper presented at the American Forage and Grassland Council Annual Meetings, published in its entirety in the <u>Proceedings</u>, June 5, 1998.

Lane, Robert A. "The Structure of the Agricultural Education System in the United States," The Alliance of Universities for Democracy Annual Conference, The Nitra Agricultural University, Nitra, Czech Republic, November 11, 1998.

**Lane, Robert A.** "Judging Hay Quality and the Establishment of a New Forage Judging Contest in Texas," Area IX Mid-Winter Ag Teachers Conference, Huntsville, Texas, January 30, 1999.

Lane, Robert A. "Forage Recovery Following Drought," East Texas Brangus Breeders Association, Huntsville, Texas, January 30, 1999.

**Lane, Robert A.** "The Pros and Cons of Using Biosolids as a Source of Nutrients on Pastureland," Texas Agricultural Extension Service Field Day, Huntsville, Texas, March 18, 1999.

Lane, Robert A. "Interpreting Soil and Plant Analyses Results," Bedias Soil and Water Conservation District Conference, Iola, Texas, April 21, 1999.

Lane, Robert A. "Reduce Expenses by Using Forages Properly," Texas and Southwestern Cattle Raisers Association Field School, Huntsville, Texas, May 22,1999.

Lane, Robert A. "What to Look For in Evaluating Hay Quality Visually," Texas Agricultural Extension Service Hay Evaluation Program, Huntsville, Texas, October 14, 1999.

Lane, Robert A. "Legume Selection and Inocluation for Winter Pastures," Texas Agricultural Extension Service Winter Pasture Program, Huntsville, Texas, October 28, 1999.

**Lane, Robert A.** "Selection and Management of the Warm Season Perennial Grasses for Forage Purposes,"

Lane, Robert A. "The Benefits and Disadvantages of Using Biosolids for Forage Fertilization – Five Years of Experience," Texas Cooperative Extension Service Field Day, SHSU Gibbs Ranch, April 23, 2004.

Lane, Robert A. "Weed Identification and Control Techniques in Pastures," Pennington Seed Company Sales Force, Huntsville, TX, February 1, 2005.

**Lane, Robert A.** "Establishing White Clover in Warm Season Perennial Grass Pastures," Iola Forage Field Day, Iola, TX, April 27, 2005.

Lane, Robert A. "Winter Forage Production and Hay Storage," Madison County Cooperative Extension Service Program, Madisonville, TX, September 20, 2005.

Lane, Robert A. "Getting started in gardening: preparing the soil," Leon County Master Gardeners Program, Centerville, TX, October 13, 2005.

Lane, Robert A. "Soil properties important to the successful gardener," 4-hour training

# Lane, Robert A.

at the American Forage and Grassland Conference, Covington, KY, January 7, 2013.

Lane, Robert A., "Managing Forage Related Expenses," presented at the Southeast Texas Beef Cattle Symposium, Liberty, TX, October 29, 2013.

**Lane, Robert A.,** Foy Mills and Mark Anderson "*Effectiveness and Economic Feasibility of Two Liquid Alkalizers in a Bermudagrass Hay Pasture*," presented at the American Society of Agronomy Convention, Tampa, FL, November 5, 2013. Abstract published in *Proceedings*.

Pannkuk, Tim and A. . "
. presented at the American Society for Horticultural Science Conference, Orlando, FL, July 28, 2014. Abstract published in

Lane, Robert A. "The Secrets of Producing High Quality Hay," presented at the Walker County Hay Show, Huntsville, TX, October 16, 2014.

Lane, Robert A. and Mark Anderson. "Pasture Herbicide Effects on Crimson Clover," presented at the American Society of Agronomy Convention, Long Beach, CA, November 3, 2014. Abstract published in *Proceedings*.

Pasket, M., Watson, M., Kane, S., Ullrich, D., Yildiz, F., Lane, R. (2015). "Agricultural Sustainable Energy Education Network (ASEEN) – Teacher Professional Development Summer Workshop," Poster/Workshop. 2015 VATAT Professional Development Conference. July 27-31, 2015. Waco, TX.

Handlin, C., T. Pannkuk, **R. Lane**, and S. Frey. "Evaluation of an Aquaponics System." August 4, 2015. American Society of Horticultural Sciences. Undergraduate Research Oral Competition. New Orleans, LA.

**Lane, Robert A.** "Principles of Integrated Pest Management in Fruits and Vegetables," September 12, 2015, SAFE Program, Caldwell, Texas.

Lane, Robert A. "Selecting Hay Crops and Winter Forages for East Texas," Joint Jasper, Newton, and Sabine County Agrilife Extension Program, September 22, 2015, Jasper, Texas.

**Lane, Robert A.** and Mark Anderson. "Pasture Herbicide Effects on Crimson and White Clover," presented at the American Forage and Grassland Conference, Baton Rouge, LA, January 12, 2016. Abstract published in *Proceedings* 

, A., Sheyenne Krysher, and Rachel Baxter. ":  $5^{\text{th}}$  Annual SHSU Online Teaching & Learning Conference. March 4, 2016. Huntsville, TX.

#### Other Research

- "Evaluation of Phalaris spp. For Adaptation to East Texas"
- "Evaluation of Techniques for Suppressing the Red Imported Fire Ant"
- "Emergency Inoculation of Arrowleaf Clover Pastures"
- "Evaluation of Cool Season Annual Legumes as a Living Mulch in Commercial Blueberry Production"
- "Nitrogen Partitioning in Sorghum Parents and Their Hybrids"
- "Assessing Boron Needs of the Cool Season Annual Clovers"
- "Nitrogen and Phosphorus Utilization by Corn"
- "Use of Foliar Nitrogen Fertilizers on Tomato"
- "Interrelationships Between Soil and Tissue Levels of Pand N in Corn"
- "The Effect of Sod Desiccation and Sod Destruction on Berseem Clover Yields"
- "Fire and Damage to Seed of Surface Sown and Drilled Crops"
- "Cool Season Legume Evaluation Studies"
- "Evaluation of Cool Season Perennial Grasses from New Zealand and Northern Europe for East Texas"
- "Culture of 'Puna' Chickory as a Forage Crop"

Torun, Muhtesem. 1992. Nitrogen use efficiency in corn as affected by time and method of application.

Ngono, Gregoire. 1994. Rate of foliage decomposition and N release of four woody leguminous species suitable for alley cropping in the sub-humid tropics.

Mayhood, Roxanne M. 1994. The effect of nitrogen fertilization rates and timing on