

Curriculum Vitae

I. PERSONAL INFORMATION

Jamie Lee Foster, Ph.D., P.A.S.

Associate Professor, Forage Agronomy,

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II. EDUCATION

Ph.D., Animal Science and Agronomy Minor, University of Florida, May 2008

M.S., Agronomy, Texas A&M University, August 2004

B.S., Animal Science, Tarleton State University, May 2002

III. PROFESSIONAL EXPERIENCE

Apr. 2009 to Present, Texas A&M University, Texas A&M AgriLife Research Beeville Station
Graduate Faculty, Texas A&M University-Corpus Christi

Adjunct Faculty, Texas A&M University-Kingsville

May 2008 to Apr. 2009, Postdoctoral Associate, University of Florida, North Florida Research
and Education Center

IV. TEACHING

A. Courses (Guest lecturer 14 times; Taught 1 Course)

B. Summary Table of Students

	Current	Graduated
Chair, M.Sc.	0	3
Committee Member, M.Sc.	1	8
Chair, Ph.D.	2	2
Committee Member, Ph.D.	2	4
Undergraduate Student Interns	3	27
Job Shadow	0	3

V. RESEARCH AND EXTENSION

A. Summary Table of Grants and Contracts Awarded

Type	Dollars
External Competitive	57,045,277
Internal	2,172,100
Other	20,490

B. Summary Table of Scientific and Professional Presentations Since Hire

Type	Total
International	5
National	17
Regional	22
State	20
Local	31

C. Summary Table of Committees and Other Service Since Hire

	Number
Associate Editor	2
Invited Reviews	23
External Reviewer	5
Golden Opportunity Mentor	2
Program Planning Committees	10
CSSA C6 Division Chair	1
University or Departmental Committees	10
Professional Affiliations	14
Community Service Boards	3
Volunteer Service Organizations	3

IX. PUBLICATIONS AND PROFESSIONAL OUTPUT**A. Refereed/Peer-Reviewed Publications (Last Three Years; 36 Total)**

1. Foster, J.L., M.E. Thomas-Moen, K.C. McCuistion, L.A. Redmon, R.W. Jessup, and S. Murray. 2019. Potential of ensiling sorghum without grain pre-treated with enzymes or bacterial inoculants. *Crop Sci.* (Accepted)
2. Lewis, K.L., J.L. Foster, and F.M. Hons. 2019. Lipid-extracted algae as a soil amendment can increase soil salinization and reduce forage growth. *Sustainability*. 11:1-18.
3. Grichar, W.J., and J.L. Foster. 2019. Can nicosulfuron plus metsulfuron combinations effectively control or suppress King Ranch bluestem? *Crop, Forage, and Turfgrass Mngmt.* doi: 10.2134/cftm2018.09.0069
4. Xu, Y., **J.L. Foster**, J.P. Muir, B.L. Burson, and R.W. Jessup. 2018. Succinic acid production across candidate lignocellulosic biorefinery feedstocks. *Amer. J. Plant Sci.*
5. **Foster, J.L.**, M.E. Bean, C. Morgan, G. Morgan, R. Mohtar, J. Landivar, and M. Young. 2018. Comparison of two tillage practices in a semi-arid cotton-grain sorghum rotation. *Agron. J.* 110: 4: 1572-1579.
6. Lewis, K.L., **J.L. Foster**, F.M. Hons, and T. Boutton. 2017. Initial aggregate formation and soil carbon storage from lipid-extracted algae amendment. *AIMS Environ. Sci.* 4:743-762.
7. Tracy, B.F., **J.L. Foster**, T.J. Butler, M.A. Islam, D. Toledo, and J.M.B. Vendramini. 2017. Resiliency in Forage and Grazingland Systems. *Crop Sci.*
8. **Foster, J.L.**, J.P. Muir, R. Bow, and E. Valencia. 2017. Biomass and nitrogen content of fifteen annual warm-season legumes grown in a semi-arid environment. *Biomass & Bioenergy*. 106:38-42.

9. Jessup, R.W., B.L. Burson, **J.L. Foster**, and J.J. Heitholt. 2017. Registration of seed sterile, perennial *Sorghum* spp. [*Sorghum bicolor* (L.) Moench × *S. halepense* (L.) Pers.] hybrid ‘PSH09TX15’. J. Plant Reg.
10. McCuistion, K.C., **J.L. Foster**, G. Schuster, D. Wester, Z. Lopez, A. Umphres-Lopez, and A. Coronado. 2017. In situ degradation characteristics of sorghum silage treated with fibrolytic enzymes. Crop, Forage, and Turfgrass Mngmt. 3.
11. Smith, W.B., **J.L. Foster**, K.C. McCuistion, L.O. Tedeschi, and F.M. Rouquette, Jr. 2017. In situ degradation patterns of ‘Tifton 85’ bermudagrass as affected by season and rates of dried distillers’ grains. Crop Sci. 57:1773-1783.
12. Smith, G.R., G. Evers, W.R. Ocumpaugh, T.D.A. Forbes, K. Ong, and **J.L. Foster**. 2017. Registration of ‘Silver River’ sweetclover. J. Plant Reg. 11:112-115.
13. Jessup, R.W., R.R. Klein, B.L. Burson, S.C. Murray, J.D. Washburn, J.J. Heiholt, and **J.L. Foster**. 2017. Registration of perennial *Sorghum bicolor* × *S. propinquum* line ‘PSH12TX09’. J. Plant Reg. 11:76-79.

B. 11 Editor Reviewed Publications

C. Scientific Abstracts (Last Two Years; 101 Total)

1. Norris, A.B., L.O. Tedeschi, J.L. Foster, J.P. Muir, and B.E. Pinchak. 2019. Effects of feeding different levels of Quebracho (*Schinopsis balansae*) in a high-roughage total mixed ration on seasonal manure gas emissions. American Society of Animal Science-Canadian Society of Animal Science Annual Meeting, Austin, TX, Jul. 8-11. (Abstr.)
2. Norris, A.B., L.O. Tedeschi, J.L. Foster, J.P. Muir, and B.E. Pinchak. 2019. Influence of Quebracho (*Schinopsis balansae*) tannin extract fed at differing rates in a high-roughage diet on energy partitioning in beef steers. American Society of Animal Science-Canadian Society of Animal Science Annual Meeting, Austin, TX, Jul. 8-11. (Abstr.)
3. Young, M., **J.L. Foster**, J. McGinty, S. Klose, and A. Maeda. 2019. No-till farming practices offer cost savings and more profit to cotton and grain sorghum producers. Southern Agricultural Economics Association Annual Meeting, Birmingham, AL, Feb. 2-5. (Abstr.)
4. Bekewe, P.E., H.L. Neely, C.B. Neely, L.E. Tomlin, **J.L. Foster**, and K.L. Lewis. 2019. Towards improving soil health in wheat cropping systems in Texas. Soil Science Society of America Meetings, San Diego, CA, Jan. 6-9. (Abstr.)
5. Maeda, A., J. Landivar, **J.L. Foster**, A. Ashapure, J. Yeom, M. Maeda, A. Chang, and J. Jung. 2018. Evaluation and quantification of environmental sustainability of different tillage treatments in South Texas. ASA-CSSA-SSSA 2018 International Meetings, Baltimore, MD, Nov. 4-7. (Abstr.)
6. Falk, A.D., K.A. Pawelek, F.S. Smith, J.P. Muir, **J.L. Foster**, L. Herzberger, T. Farthing, and W.P. Kuvlesky, Jr. 2018. Bermudagrass control and restoration of native prairie for Northern Bobwhites. Texas Section Society for Range Management, Lubbock, TX, Oct. 11-12. (Abstr.)
7. Norris, A.B., W.L. Crossland, L.O. Tedeschi, **J.L. Foster**, J.P. Muir, and W.E. Pinchak. 2018. Effect of differing rates of Quebracho (*Schinopsis blansae*) extract fed in a limit fed high roughage TMR upon digestibility and nitrogen balance. American Society of Animal Science-Canadian Society of Animal Science Annual Meeting, Vancouver, Canada, Jul. 8-12. (Abstr.)

8. Norris, A.B., L.O. Tedeschi, K.D. Casey, J.C.B. Dubeux, **J.L. Foster**, J.P. Muir, and W.E. Pinchak. 2018. Effects of feeding different levels of quebracho (*Schinopsis balansae*) extract in a high-roughage total mixed ration on manure gas emissions. ASAS Southern Section Meeting, Fort Worth, TX, Feb. 3-6. (Abstr.)

D. 1 Book Chapter

1. Jennings, J., and **J.L. Foster**. 2019. Legume Structure and Morphology. In: D. Redfearn, et al., editors, Forages: The Science of Grassland Agriculture. Vol. II, 7th ed., Wiley-Blackwell, Hoboken, NJ.

X. HONORS AND AWARDS

- Texas A&M AgriLife Research, AgriLife Advanced Leadership Program Cohort IV Participant. 2016-2018.
- Matthew Bean, M.S. Student, 2nd Place Oral Presentation Contest, 53rd Annual Soil Survey and Land Resource Workshop. 2016.
- Katie Rothlisberger-Lewis, Ph.D. Student, 3rd Place Graduate Student Poster Competition in Soils, Agronomy Society of America 2014 Southern Branch Meeting
- Katie Rothlisberger-Lewis, Ph.D. Student, 3rd Place Graduate Student Poster Competition Agronomy Society of America Soil Carbon and Greenhouse Gas Emissions Community, ASA-CSSA-SSSA 2013 International Meetings
- Reagan Noland, M.S. Student, 1st Place Graduate Student Poster Competition in Crops, Agronomy Society of America 2013 Southern Branch Meeting
- Corpus Christi 40 Under 40. 2011.
- First Place, Robert F. Barnes Graduate Student Competition, International Crop Science Society of America Meetings, 2006