

# JAMIE A. B O Y D

RAS 108, Box C-11  
Alpine, TX 79832  
jamie.boyd@sulross.edu  
432-837-8413

## EDUCATION

May 2006 – August 2009  
Doctor of Philosophy– *Dairy Science-Ruminant Nutrition emphasis*  
University of Georgia

May 2004 - May 2006  
Master of Science - *Animal Science*  
University of Georgia

August 1996 - May 2000  
Bachelor of Science - *Animal Science*  
Martha Berry College

## EXPERIENCE

June 2016-current  
Sul Ross State University, Alpine, TX.  
Position- *Assistant Professor of Animal Science*

January 2016-May 2016  
Sul Ross State University, Alpine, TX.  
Position-*Adjunct Assistant Professor of Animal Science*

August 2013-May 2016  
Berry College, Mount Berry, GA.  
Position-*Visiting Assistant Professor of Animal Science*

August 2009- July 2013  
U.S. Dairy Forage Research Center, Madison, WI.  
Position- *Dairy Research Scientist (Post-Doctoral)*

June 2004 – August 2009  
University of Georgia  
Department of Animal and Dairy Science  
Position - *Graduate Research and Teaching Assistant (Ph.D. and M.S.)*

June 2001 - November 2003  
Shenandoah Jerseys  
Boonsboro, MD  
Position – *Assistant Herd Manager*

## PROFESSIONAL MEMBERSHIPS

American Dairy Science Association  
American Society of Animal Science  
Gamma Sigma Delta

## SCHOLARSHIPS AND AWARDS

**2015** Awarded MNS Travel Grant-Berry College  
**2015** Awarded Professional Development Grant-Berry College  
**2008** Awarded first place in the Southern ADSA Graduate Paper Competition  
**2007** University of Georgia Graduate Assistant Teaching Award  
**2004/09** Graduate Research and Teaching Assistantship  
**2000** Georgia Jersey Cattle Association Scholarship  
**2000** Communicating for Agricultural Exchange Program Scholarship by the CA Exchange Program. Fergus Falls, MN.

## PUBLICATIONS

### *Monographs*

Boyd, J. A. 2009. *The effect of supplementing high yielding Holstein cows with botanical extracts, bacterial inoculants, or dietary glycerol during heat stress, and the effect of dietary glycerol in transition cow diets on subsequent performance and efficiency.* Ph.D. Dissertation, University of Georgia, Athens.

Boyd, J. A. 2006. *Effect of supplemental energy source on the performance of lactating dairy cows fed diets based on sorghum and ryegrass silage.* M. S. Thesis, Univ. of Georgia, Athens.

### *Journal Articles*

Boyd, J. and D.R. Mertens, 2016. *Abrupt changes in forage dry matter of one to three days affect intake and milk yield in late lactation dairy cows.* J. Dairy Sci. 96: (in preparation)

Boyd, J. and D.R. Mertens, 2016. *Abrupt changes in forage dry matter of one to three days affect intake and milk yield in early lactation dairy cows.* J. Dairy Sci. 96: (in preparation)

Boyd, J. A., J.K. Bernard and J. W. West, 2013. *Effects of feeding different amounts of dietary glycerol on ruminal environment and digestibility in lactating dairy cows.* J. Dairy Sci. 96:470-476

Boyd, J. A., J. W. West, J. Lofton, and D.R. Ware 2011. *Effects of addition of live bacterial inoculants and glycerol to the diet of lactating dairy cows on apparent efficiency and milk yield during heat stress.* J. Dairy Sci. 94:4616-4622

Boyd, J. A., J. W. West and J.K. Bernard 2016. *Effects of the addition of different levels of dietary glycerol on the efficiency and performance of transition cows.* J. Dairy Sci.96: (in preparation)

Boyd, J.A., J.W. West, J.K. Bernard, and S. Block. 2012. *Effects of Thermal Care-D<sup>®</sup> on efficiency and production of lactating dairy cows during hot weather.* PAS 28:338-343.

Boyd, J.A., J.K. Bernard, J.W. West, and A.H. Parks. 2008. *Performance of lactating dairy cows fed diets based on sorghum and ryegrass silage and different energy supplements.* PAS 24:349-354.

## ACTIVITIES AND SPEAKING ENGAGEMENTS

**April 2013, 2014** Guest Judge: Berry College Student Symposium

**October 2012** Scoring Assistant- FFA Forage Quiz Bowl World  
World Dairy Expo

**September 2010** Guest Speaker- Effects of adjusting for abrupt dry matter changes on milk production in early and mid lactation cows.  
World Dairy Expo-media event  
Sponsored by: Engineered Storage Products and Dinamica Generale® US, Inc.

**March 2008** Guest Lecturer - Principles of *Animal Science*  
Abraham Baldwin Agricultural College, Tifton, GA - Dairy Management Section

**October 2007** Guest Lecturer - Principles of *Animal Science*  
Abraham Baldwin Agricultural College, Tifton, GA - Dairy Management Section

**November 2006** Guest Lecturer - *Introduction to Animal Science*  
University of Georgia, Athens, GA - Dairy Management, Nutrition Section

### Presented Abstracts

Boyd, J. and D.R. Mertens, 2013. *Abrupt changes in forage dry matter of one to three days affect intake and milk yield in late lactation dairy cows.* J. Dairy Sci. 96 (E- Suppl 1):Submitted. (Abstr.)

Boyd, J. and D.R. Mertens, 2011. *Comparison of alternative methods, sample grinds, and fermentation times for determining indigestible neutral detergent fiber.* J. Dairy Sci. 94 (E- Suppl 1):Submitted. (Abstr.)

Boyd, J. and D.R. Mertens, 2011. *Abrupt changes in forage dry matter of one to three days affect intake and milk yield in late lactation dairy cows.* J. Dairy Sci. 94 (E- Suppl 1):Submitted. (Abstr.)

Boyd, J. and D.R. Mertens, 2010. *Abrupt changes in forage dry matter of one to three days affect intake and milk yield in early lactation dairy cows.* J. Dairy Sci. 93 (E- Suppl 1):Submitted. (Abstr.)

Boyd, J., J. Bernard, and J.W. West, 2010. *Effects of supplementing transition cow diets with different levels of dietary glycerol on performance, efficiency, and blood metabolites.* J. Dairy Sci. 93 (E- Suppl 1):Submitted. (Abstr.)

Boyd, J. A., J. W. West 2009. *Effects of increasing concentrations of dietary glycerol on ruminal environment and digestibility in lactating dairy cows.* J. Dairy Sci. 92 (E- Suppl 1):Submitted. (Abstr.)

Boyd, J. A., J. W. West, 2009. *Effects of addition of live bacterial inoculants and glycerol to the diet of lactating dairy cows on apparent efficiency and milk yield during heat stress.* J. Dairy Sci. 92 (E- Suppl 1):Submitted. (Abstr.)

Boyd, J., J. W. West, J. Bernard, and S. Block. 2008. *Effects of ThermalCare-D® on efficiency and production of lactating dairy cows during hot weather.* J. Dairy Sci. 91 (E-Suppl. 1):123. (Abstr.)

Boyd, J. M., and J. K. Bernard. 2005. *Effect of supplemental energy source on the performance of lactating dairy cows fed diets based on sorghum and ryegrass silage.* J. Dairy Sci. 88(Suppl. 1):98 (Abstr.)