

CURRICULUM VITAE

NAME

Roman-Muniz, Ivette Noami

ADDRESS

Animal Sciences
College of Agricultural Sciences

Animal Sciences

PHONE

(970) 491-6022

EDUCATION

MS, Colorado State University

2001 DVM, University of Wisconsin-Madison

OTHER POSITIONS

2014 - Present Associate Professor, Colorado State University.

2008 - 2014 Assistant Professor, Colorado State University.

2004 - 2008 Post Doctoral Fellow, Colorado State University.

2001 - 2002 Intern, Colorado State University Veterinary Teaching Hospital.

PUBLISHED WORKS

Refereed Journal Articles

Dairy worker training experiences. *Hortscience*, 33, 38-40.

Dairy worker training in newborn calf management. *Hortscience*, 33, 33-37.

Development of a Bilingual Tool to Train Dairy Workers in the Prevention and Management of Non-Ambulatory Cows. *Journal of Extension*, 49(6).

Development of Interactive Multimedia Training Materials to Train Beef Packing Plant Workers in the Identification and Removal of Specified Risk Materials. *Journal of Extension*, 47(1).

Extension's Guide to Sexed Semen: A Dairy Case Study. *Journal of Extension*, 50(4).

(in press). Using temperature-sensing reticular boluses to aid in the detection of production diseases in dairy cows. *Journal of Dairy Science*.

Roman-Muniz, I. N. Safety and Productivity among Latino Dairy Workers. *Frontiers in Public Health*.

Roman-Muniz, I. N. Training Immigrant Dairy Workers: A Review of Best Practices. *Frontiers in Public Health*.

Adams, A. E., Ahola, J. K., Chahine, M., Alexandra, O., Roman-Muniz, I. N. Effect of on-farm dairy beef quality assurance training on selected welfare- and beef quality assurance-related traits in lactating dairy cows. *The Professional Animal Scientist*.

Adams, A., Ahola, J. K., Chahine, M., Roman-Muniz, I. N. Effect of Dairy Quality Assurance (BQA) training on dairy workers knowledge of BQA and welfare related practices. *Journal of Extension*.

Autenrieth, D. A., Brazile, W. J., Sandfort, D. R., Douphrate, D. I., Roman-Muniz, I. N., Reynolds, S. J. (2015). The associations between occupational health and safety management system programming level and prior injury and illness rates in the U.S. dairy industry. *Safety Science*.

Adams, A. E., Olea-Popelka, F. J., Grandin, T., Woerner, D. R., Roman-Muniz, I. N. Dairy cow handling facilities and perception of beef quality assurance on colorado dairies. *Journal of Dairy Science*, 97, 798-804. www.grandin.com

Non-Refereed Journal Articles

Roman-Muniz, I. N. (in press). Dairy cow handling facilities and the perception of beef quality assurance on Colorado dairies. *Journal of Dairy Science*.

Warner, C. M., Hahm, S. W., Archibeque, S. L., Wagner, J. J., Engle, T. E., Roman-Muniz, I. N., Woerner, D. R., Sponsler, M., Han, H. (2015). A comparison of supplemental calcium soap of palm fatty acids versus tallow in a corn-based finishing diet for feedlot steers. *Journal of animal science and technology*, 57, 25.

Adams, A. K., Olea-Popelka, F. J., Grandin, T., Woerner, D. R., Roman-Muniz, I. N. (2014). Dairy cow handling facilities and the perception of Beef Quality Assurance on Colorado dairies. *Journal of dairy science*, 97(2), 798-804.

Dairy beef quality and animal well being. Western Dairy News in Hoard's West; W-100-101, July 2011.

Dairy Calf Health. Rocky Mountain Milk Peak, Fall Issue.

Dairy Cow Health and Sustainable Dairy Farming. The Salt Lick, Institute for Livestock and The Environment Newsletter April, 2010.

Dairy Worker Training Experiences. Danish Bovine Veterinarian Annual Meeting Proceedings.

Effect of algal meal supplementation to finishing wethers on performance and carcass characteristics. J Anim Sci Vol 90, Suppl 3/J Dairy Sci Vol 95, Suppl 2.

Evaluation of Algae meal from Nannochloropsis oculata as a protein source for non-ruminant animals. Abstract; ASAS-ADSA Joint Annual Conference.

(in press). *Exposure to Endotoxin, Muramic Acid, Ergosterol and Effects on Pulmonary Function Among Western US Dairy Workers*. Irish Meeting on Agricultural Occupational Safety and Health.

(in press). *Exposures to Organic Aerosols and Effects on Pulmonary Lung Function Among Western US Dairy Workers*. American Industrial Hygiene Conference and Exposition.

Helping with calvings. Rocky Mountain Milk Peak, Spring Issue.

How can we improve communication on the dairy? *Dairy Herd Management (online)*. <http://www.dairyherd.com/dairy-resources/manejo-lechero/How-can-we-improve-communication-on-the-dairy.html> ; Available in Spanish at

<http://www.dairyherd.com/dairy-resources/manejo-lechero/Como-podemos-mejorar-la-comunicacion-en-la-lecheria.html>.

Labor Management: Developing middle managers and training the trainers. Proceedings for the 2012 Great Lakes Regional Dairy Conference.

Latinos and animal agriculture. Abstract in J Anim Sci 89, E-Suppl (1): 428-429.

Maintain Herd Health While You Weather the Storm. Western Dairy Business Magazine, August, 10-12.

Nannochloropsis oculata meal did not alter usage and had no adverse health effects when fed to rabbits as a protein source. Abstract in J Anim Sci 89, E-Suppl (1): 724.

Parlor Management and Dairy Culture. Rock Mountain Milk Peak, Fall Issue.

Provide Feedback that Inspires. Rocky Mountain Milk Peak, Winter Issue.

Quality Defects in Market Cows and their Effect on Sale Price. Rocky Mountain Milk Peak, Winter Issue.

Survey of lameness, body condition score, hygiene, and hock lesions of Colorado dairy cows housed in outdoor dirt lots or free stalls with outdoor access. Rocky Mountain Milk Peak, Fall Issue.

Survey of lameness, body condition score, hygiene, and hock lesions of Colorado dairy cows housed in outdoor dirt lots or free stalls without outdoor access. Abstract in Journal of Animal Sciences Vol 90, Suppl 3/ J Dairy Sci Vol 95, Suppl 2.

Training the trainers: how to facilitate the development of the middle manager's training skills. Western Dairy Herd Management Conference Proceedings.

Training the Trainers: how to facilitate the development of the middle manager's training skills. Rocky Mountain Milk Peak, Fall Issue.

Update from Your Extension Dairy Specialist. Rocky Mountain Milk Peak, Summer Issue.

Using temperature-sensing reticular boluses to aid in the detection of disease in dairy cows. J Anim Sci Vol 90, Suppl 3/J Dairy Sci Vol 95, Suppl 2.

We all want the same after all. Rocky Mountain Milk Peak, Spring Issue.

Zoonotic Diseases in the Calving Area. Rocky Mountain Milk Peak, Summer Issue.

Abstract

Roman-Muniz, I. N. (2015). *Dairy Worker Safety Training: Current Challenges and Opportunities for Enhanced Effectiveness.* International Congress on Rural Health as a social, economic and cultural engine, Lodi, Italy.

Menger, L. M., Stallones, L., Pezzutti, F. L., Roman-Muniz, I. N., Rosecrance, J. C. (2015). *Health and Safety Challenges among Dairy Workers in the United States.* Lodi: Congress on Rural Health as a social, economic and cultural engine.

Adams, A., Lombard, J., Roman-Muniz, I. N. (2015). *A comparison among three different locomotion scoring on intra- and interrater reliability.* JAM ADSA-ASAS.

Adams, A., Lombard, J., Roman-Muniz, I. N. (2015). *Associations between housing and management practices on the incidence of lameness, hock lesions, and thin cows on US dairy operations.* JAM ADSA-ASAS.

Adams, A., Lombard, J., Roman-Muniz, I. N. (2015). *Management practices that may affect dairy cow welfare on US dairy operations*. JAM ADSA-ASAS.

Adams, A., Lombard, J., Shivley, C., Urie, N., Roman-Muniz, I. N. (2015). *Management practices that may affect dairy heifer welfare on US dairy operations..* JAM ADSA-ASAS.

Manuscript

Warner, C., Archibeque, S. L., Wagner, J. J., Engle, T. E., Roman-Muniz, I. N., Woerner, D. R., Sponsler, M., Han, H. *Supplementation of Rumen-Protected PUFA in Corn-Fed Beef Steers†*. Journal of Animal Science and Technology.

PAPERS PRESENTED/SYMPOSIA/INVITED LECTURES/PROFESSIONAL MEETINGS/WORKSHOPS

2014, "Locomotion coring dairy cows: a comparison among three different locomotion scoring systems for user preference and inter observer repeatability", CSU- JBS Seminar, JBS, (Presenter) Adams, A. E., Greeley, CO.

2014, "Dairy Animal Welfare", Western Dairy Association, Montana.

2014, "Effect of on-farm dairy Beef Quality Assurance (BQA) training on the welfare and health of dairy cows", (Presenter) Adams, A. E., Itasca, IL, peer-reviewed/refereed.

2014, "Effect of on-farm dairy Beef Quality Assurance (BQA) training on dairy worker knowledge of BQA and welfare related practices", (Presenter) Adams, A. E., Kansas City, MO, peer-reviewed/refereed.

2014, "2-day Workshop", Multi-cultural Management, Professional Dairy Producers of Wisconsin, Wisconsin Dells, WI.

2014, "Worker Training and Protocol Development", Midwest PMS, Colorado.

September 15, 2013, "Health and safety challenges associated with immigrant dairy workers.", Italian Assoc. Ag. Engineering: Horizons in agriculture, forestry and biosystems engineering., (Presenter) Rosecrance, J. C., Viterbo, Italy, peer-reviewed/refereed.

July 14, 2013, "Dairy cow handling facilities and the perception of beef quality assurance on Colorado dairies", ADSA-ASAS, (Presenter) Adams, A., Indianapolis, IN, peer-reviewed/refereed.

July 8, 2013, "Supplementation of Rumen Protected PUFA in Corn Fed Beef Steers", American Society of Animal Sciences Joint Annual Meeting, American Society of Animal Science, (Presenter) Warner, C., Indianapolis, peer-reviewed/refereed.

2012, "Bridging Cultures on Dairy Operations, Presented for Professional Dairy Producers of Wisconsin, Oshkosh, WI."

2012, "Bridging the Culture Divide, Colorado Agriculture Big and Small Conference, Brighton, CO."

2012, "Dairy Labor Management, Great Lakes Regional Dairy Conference, Mt. Pleasant, MI".

2012, "Hispanic Supervisor Workshop, Presented for Professional Dairy Producers of Wisconsin, Chilton, WI and Madison, WI".

2011, "Bridging the culture divide for training an ddaily operations. Presented at CSU Extension's Future of Alfalfa in Dairy Nutrition Workshop. Fort Morgan, CO. March 2011".

2011, "Cattle Handling and Proper Injection Sites. Presented in Spanish for CSU Extension . Yuma, CO. November 2011".

2011, "Communicating Across Cultural Differences, CSU Extension Manager's Forum. Yuma, CO. November 2011".

2011, "Dairy Production. Presented at CSU Extension's Small-Scale Livestock Workshop. Longmont, CO. October 2011".

2011, "Dairy Worker Training Experiences, Danish Bovine Veterinarian Annual Meeting, Vejle, Denmark. January 2011".

2011, "Destrezas de manejo de personal para supervisores hispanos. (People management skills for middle managers on the dairy.) Presented for Professional Dairy Producers of Wisconsin. Chilton, WI. September 2011".

2011, "Labor Management and Dairy Worker Safety, Danish Bovine Veterinarian Annual Meeting, Vejle, Denmark. January 2011".

2011, "Labor Management Panel. Western Dairy Management Conference. Reno, NV. March 2011".

2011, "Latinos and animal agriculture. S. Archibeque-Engle and I.N. Roman-Muniz. ASAS-ADSA Joint Annual Meeting, New Orleans, LA. July 2011", peer-reviewed/refereed.

2011, "Nannochloropsis oculata meal did not alter usage and had no adverse health effects when fed to rabbits as a protein source. B.A. Howe, I.N. Roman-Muniz, B.D. Willson, and S. Archibeque. ASAS-ADSA Joint Annual Meeting, New Orleans, LA. July 2011", peer-reviewed/refereed.

2010, "Calving Management School, 2 presentations: Veeman and Sons Dairy, Wiggins, CO. April 2010 Dycrest Dairy, Fort Collins, CO. October 2010".

2010, "Dairy Cattle Handling: Focusing on Animal Well-being and Dairy Beef Quality, Two sessions: Fort Morgan and Eaton, CO. June 2010".

2010, "Diamond V TMR Audit Feeder School, 2 sessions:

Greeley, CO. November 2010
Fort Morgan, CO. November 2010".

2010, "Health and Nutritional management of Transition Dairy
Cows, Greeley, Co. January 2010".

2010, "Latinos in Agriculture: What the recession revealed,
Colorado State University Diversity Conference, Fort
Collins, CO, September 2010."

2010, "Physical Exam and Fresh Cow Health
Veeman and Sons Dairy, Wiggins, CO. April 2010".

OTHER ACTIVITIES/ACCOMPLISHMENTS – PUBLICATIONS/SCHOLARLY RECORD

"2010, Cattlemen to Cattlemen, BQA Dairy. Mead, Colorado. Aired October,
2010.." (Submitted: 2010, Application: 2010, Approved: 2010, Licensed: 2010).

"2010, Food Quest (pilot), Hirsch Dairy, Severance, Colorado.." (Submitted: 2010, Application: 2010, Approved:
2010, Licensed: 2010).

"2010, Prevention and Management of Non-Ambulatory Dairy Cows, DVD . Fort
Collins, CO.." (Submitted: 2010, Application: 2010, Approved: 2010, Licensed: 2010).

(October 25, 2014 - October 27, 2014). Workshop, "Fast Track 3-day Intensive Leadership Program," Chapel
Hill, NC, United States. Approximate Number of Hours Spent Per Year: 21.

(2001 - Present). Veterinarian.

TEACHING:

<u>Year</u>	<u>Semester</u>	<u>Course No./Title</u>	<u>Cr. Hrs.</u>	<u>Enrollment</u>
2016	Spring	ANEQ699 - Thesis	18	9
2015	Fall	ANEQ473 - Dairy Systems	3	22
2015	Fall	ANEQ473 - Dairy Systems-Lab	0	22
2015	Fall	ANEQ313 - Prevention and Control of Livestock Diseases	3	31
2015	Fall	VS313 - Prevention and Control of Livestock Diseases	3	9
2015	Fall	ANEQ784 - Supervised College Teaching	18	29
2015	Fall	ANEQ699 - Thesis	18	10
2015	Spring	VM757 - Bovine Herd Medicine	3	53
2015	Spring	ANEQ799 - Dissertation	18	7
2015	Spring	ANEQ495 - Independent Study	18	13
2014	Fall	ANEQ473 - Dairy Systems	3	23
2014	Fall	ANEQ473 - Dairy Systems-Lab	0	23
2014	Fall	ANEQ799 - Dissertation	18	8
2014	Fall	ANEQ795 - Independent Study	18	1
2014	Fall	ANEQ313 - Prevention and Control of Livestock Diseases	3	31
2014	Fall	VS313 - Prevention and Control of Livestock Diseases	3	14
2014	Fall	ANEQ784 - Supervised College Teaching	18	27
2014	Spring	VM757 - Bovine Herd Medicine	3	48
2014	Spring	ANEQ799 - Dissertation	18	6
2013	Fall	ANEQ473 - Dairy Systems	3	24
2013	Fall	ANEQ473 - Dairy Systems-Lab	0	24
2013	Fall	ANEQ799 - Dissertation	18	7
2013	Fall	ANEQ487A - Internship: Animal	6	14

2013	Fall	ANEQ313 - Prevention and Control of Livestock Diseases	3	14
2013	Fall	VS313 - Prevention and Control of Livestock Diseases	3	6
2013	Fall	ANEQ784 - Supervised College Teaching	18	21
2013	Spring	VM757 - Bovine Herd Medicine	3	42
2013	Spring	ANEQ292 - Equine Industry Seminar	1	102
2013	Spring	ANEQ476 - Feedlot Systems	3	17
2013	Spring	ANEQ551 - Field Necropsy	2	21
2013	Spring	ANEQ100 - History of Food Animal Agriculture	3	14
2013	Spring	ANEQ487 - Internship	18	22
2012	Fall	ANEQ473 - Dairy Systems	3	18
2012	Fall	ANEQ473 - Dairy Systems-Lab	0	18
2012	Fall	VS300 - Prevention and Control of Livestock Diseases	3	60
2012	Fall	ANEQ384 - Supervised College Teaching	5	16
2012	Fall	ANEQ784 - Supervised College Teaching	18	21
2012	Summer	ANEQ799 - Dissertation	18	1
2012	Summer	ANEQ487 - Internship	18	22
2012	Spring	VM757 - Bovine Herd Medicine	3	53
2012	Spring	ANEQ699 - Thesis	18	10
2011	Fall	ANEQ473 - Dairy Systems	3	23
2011	Fall	ANEQ473 - Dairy Systems-Lab	0	23
2011	Fall	VS300 - Prevention and Control of Livestock Diseases	3	60
2011	Fall	ANEQ384 - Supervised College Teaching	5	31
2011	Fall	ANEQ784 - Supervised College Teaching	18	22
2011	Fall	ANEQ699 - Thesis	18	13
2011	Spring	VM757 - Bovine Herd Medicine	3	47
2011	Spring	ANEQ487 - Internship	18	16
2010	Fall	ANEQ473 - Dairy Systems	3	18
2010	Fall	ANEQ473 - Dairy Systems-Lab	0	18
2010	Fall	ANEQ795 - Independent Study	18	2
2010	Fall	VS300 - Prevention and Control of Livestock Diseases	3	57
2010	Fall	ANEQ384 - Supervised College Teaching	5	30
2010	Fall	ANEQ784 - Supervised College Teaching	18	27
2010	Summer	ANEQ487 - Internship	18	42
2010	Spring	VM757 - Bovine Herd Medicine	3	54
2010	Spring	ANEQ495 - Independent Study	18	15
2010	Spring	ANEQ487 - Internship	18	30
2010	Spring	ANEQ487 - Internship	18	31
2010	Spring	VM786A - Junior Practicum	8	133
2009	Fall	ANEQ473 - Dairy Systems	3	14
2009	Fall	ANEQ473 - Dairy Systems-Lab	0	14
2009	Fall	VM786A - Junior Practicum	8	133
2009	Fall	VS300 - Prevention and Control of Livestock Diseases	3	39
2009	Spring	VM757 - Bovine Herd Medicine	3	35
2009	Spring	ANEQ551 - Field Necropsy	2	10
2009	Spring	ANEQ551 - Field Necropsy	2	11
2009	Spring	ANEQ551 - Field Necropsy - Lab	0	10
2009	Spring	ANEQ551 - Field Necropsy - Lab	0	11
2009	Spring	ANEQ495 - Independent Study	18	17
2009	Spring	VM786A - Junior Practicum	8	132
2008	Fall	ANEQ473 - Dairy Systems	3	22
2008	Fall	ANEQ473 - Dairy Systems-Lab	0	22
2008	Fall	VM786A - Junior Practicum	8	129
2008	Fall	VS300 - Prevention and Control of Livestock Diseases	3	57
2008	Fall	ANEQ784 - Supervised College Teaching	18	24

Guest Lectures:

<u>Year</u>	<u>Semester</u>	<u>Course No./Title</u>	<u># of Guest Lectures</u>	<u>Delivery Mode</u>
2015	Fall	ANeq510 - Advanced Bovine Reproduction	1	
2015	Spring	ANeq292 - Equine Industry Seminar	1	
2015	Spring	ANeq476 - Feedlot Systems	1	
2015	Spring	ANeq551 - Field Necropsy	2	
2015	Spring	ANeq104 - Values, Culture and Food Animal Agriculture	1	
2014	Spring	ANeq292 - Equine Industry Seminar	1	
2014	Spring	ANeq476 - Feedlot Systems	1	
2014	Spring	ANeq551 - Field Necropsy	2	
2014	Spring	ANeq104 - Values, Culture and Food Animal Agriculture	1	

EXTENSION/ENGAGEMENT ACTIVITIES/ACCOMPLISHMENTS

Dairy Tours

Dairy Tours. Percent Responsible: 50%. 2015.

Dairy Tours. Percent Responsible: 50%. 2014.

Dairy Tours. Percent Responsible: 50%. 2013.

Discussion

Met with MANRRS and discussed career choices and challenges as a Latina in Ag Sciences. Percent Responsible: 100%. 2014.

Presentation

Montezuma Cortez Middle School. Presentation on dairy product choices., ARDEC, Fort Collins, CO. Percent Responsible: 25%. 2013.

Workshop

Calf Rearing/ Sick Calf Care. Adult, Colorado. Percent Responsible: 100%. 2014.

Milker Training. Adult. Percent Responsible: 100%. 2014.

Montezuma Cortez Middle School Presentation on Milk choices. Percent Responsible: 100%. 2014.

Calving Management. Percent Responsible: 100%. 2013.

Dairy Beef Quality Assurance. CO. Percent Responsible: 100%. 2013.

Milker School. Percent Responsible: 100%. 2013.

Sick Cow Identification and Management. CO. Percent Responsible: 100%. 2013.

COMMITTEES

College of Ag Sciences Students Affair Committee, (2011 - Present).

Animal Research Associate II Search Committee, (2015).

Animal Sciences Coordinating Committee, (2014 - Present).

Animal Sciences Curriculum Committee, (2008 - Present).

Beef/Dairy Systems Management Search Committee, (2014 - 2015).

Instructor, Dairy Population Health Management Search Committee, (2014 - 2015).

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

American Association of Bovine Practitioners.

American Dairy Science Association.

American Society of Animal Science.

National Mastitis Council.

NPR- KUNC. (February 10, 2015).

Harvest Public Media- KUNC. (February 3, 2015).

Ag Web (Agweb.com). (May 1, 2014).

Greeley Tribune. (May 6, 2013).

Alliance Partnership Presentation: Centauri High School, La Jara, CO. Presentation on animal sciences and veterinary medicine college and career options. ARDEC, Fort Collins, CO. April 2011. 35 students.

Member, American Association of Bovine Practitioners.

Member, American Dairy Science Association.

Member, American Society of Animal Science.

Member, Animal Sciences Curriculum Committee.

Member, Animal Sciences Department Chair Search Committee.

ARDEC field trip for Laurel Elementary Kindergarten class, How do germs spread? , Spring 2010, 60 students.

Member, Beef Seedstock Management Systems/Cow Calf Search Committee.

Member, College of Agricultural Sciences Extension Committee.

Member, College of Agricultural Sciences, Student Affairs Committee.

Colorado Dairy Tour Group
Leprino Foods Dairy Products Research and Development, Denver, CO. November 2010.

Colorado Dairy Tour Group
Fagerberg Produce, Eaton, CO and Quail Ridge Dairy, Fort Morgan, CO. August 2010.

Member, CSU Extension Diversity Catalyst Team.

CSU update to Colorado Livestock Association
Board Meeting, ARDEC, Fort Collins, CO, Fall 2010.

Member, Dairy Days Planning Committee.

Member, Dairy Herd Health Management Search Committee.

Member, Dairy Herd Health Management Search Committee.

Diamond V Standard Dairy Nutrition - Feeder School
With Jeff Mikus, Ph.D
Gill, Colorado, June 2011
Fort Morgan, Colorado, June 2011.

Member, John E. Rouse Chair in Beed Breeding and Genetics Search Committee.

Reviewer, Ad Hoc Reviewer, Journal of Agromedicine.

La Luna Cow Health and Nutrition Tour for Wellington Jr. High School, Wellington, CO. Fall 2011. 100 students.

La Luna Milking Parlor Tour for Wellington Jr. High School, Wellington Colorado, Fall 2010, 100 students.

Local Dairy Tour- Russian producers and veterinarians, Longs Peak Dairy, August 2010.

Member, Master of Agriculture Advisory Committee.

Member, Meat Quality Search Committee.

Member, National Mastitis Council.

Rocky Mountain Milk Peak.

Thriving Locally in a Global Economy: 3 internationally recognized speakers discussed issues of risk management, animal welfare and the global dairy market at a dairy producer dinner. CSU dairy extension collaborated with industry groups to plan and host this event. Greeley, CO. August 2011.

Reviewer, Grant Proposal, HICAHS. (2015 - Present).

Reviewer, Ad Hoc Reviewer, Journal of Dairy Science. (2015 - Present).

Committee Member, International Dairy Research Consortium. (2014 - Present).

Committee Chair, Dairy Days Planning Committee. (2012 - Present).

Committee Member, Western Dairy Management Conference Planning Committee. (2010 - Present).

Member, High Plains Dairy Conference Planning Committee. (2009 - Present).
