

Curriculum Vitae

ANDREW (Drew) B. CONROY

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Education

Ph.D. Natural Resources, May 2001

University of New Hampshire, Durham, NH. Advisor, Dr. Robert Eckert
Dissertation: Maasai Oxen, Agriculture and Land Use Change in Monduli District, Tanzania

Professional Animal Scientist (PAS), of Dairy Cattle and Beef Cattle.

Certified by the American Registry of Professional Animal Scientists (ARPAS). 2001

Swahili Language Training – Tested by the American Council on the Teaching of Foreign Languages (ACTFL) to be an Intermediate-mid speaker of Swahili, 9/21/99.

M.S. Agriculture (Animal Science), 1987

Northwest Missouri State University, Maryville, MO. Advisor, Dr. Doug Butler
Thesis: Incidence and Causes of Lameness in Dairy Cattle

B.S. Animal Science, Cum Laude, 1986. University of New Hampshire, Durham, NH

Professional Experience

Undergraduate Program Coordinator Applied Animal Science, Thompson School of Applied Science, University of New Hampshire, 2018-present.

Professor, Animal Science and Sustainable Agriculture and Food Systems, in the Agriculture Nutrition and Food Systems Department. 2004-present

Associate Professor. Applied Animal Science, Thompson School of Applied Science, University of New Hampshire, 1995-2003.

Assistant Professor. Applied Animal Science, Thompson School of Applied Science, University of New Hampshire, 1990-1995.

N.H. Fairs Livestock Educator. N.H. Fairs Association, Concord, NH 1990-1992 Worked as an independent contractor to the NH Fairs Association to conduct educational programs geared to the general public, at all the New Hampshire Fairs during the summer season.

Farm Manager. Mitchell Ledge Farm, Freeport, ME 1989-1990 Managed cattle breeding, nutrition, and health programs. Coordinated sales of farm products including purebred animals, beef, semen, hay, manure, and cordwood. Managed and supervised building and farm improvement projects. Supervised three employees in all aspects of farm management. Responsible for the production of pastures, hayfields, and woodlands.

Teaching Faculty. Sterling College, Craftsbury, VT 1987-1989. Taught A. A. Degree candidates 6 courses per year as well as assisting in three team taught courses. Conducted an adult education course for area farmers with VT Cooperative Extension.

Farm Manager. Sterling College, Craftsbury, VT 1987-1989. Hands-on management position, including forage production, building construction, animal management, and marketing. Supervised all labor which was provided by 40⁺ students each week. Livestock included:

beef and dairy cattle, sheep, goats, hogs, chickens, and draft horses. Worked with other faculty to coordinate the use of animals in their classes.

Dormitory Supervisor. Sterling College, Craftsbury, VT 1987-1989. Supervised a dormitory residence for 30 students. Acted as head resident and dormitory advisor while also holding a faculty position.

Teaching Assistant. Northwest Missouri State University, Maryville, MO 1986-1987.

Taught and supervised all laboratory sections of Farrier Science classes. Substitute lectured in Farrier Science (Horseshoeing), Applied Animal Nutrition and Agricultural Blacksmithing. Managed the College's draft horses.

Fellowships, Prizes or Honors

Fulbright Scholar – IIE - US State Department – Rwanda – 2016

Recognized as one of the Top 40 Veterinary Technology Professors nationwide, by VetTechColleges.com – 2016

See: <http://www.vettechcolleges.com/blog/40-top-veterinary-technology-profs>

Outstanding Service Award – Granite State FFA Association – March 2015

University of New Hampshire Excellence in Teaching Award – 2014

University of New Hampshire – Alumni Association Award for Excellence in Public Service – 2011

University of New Hampshire Excellence in Teaching Award - 2011

Fulbright Scholar – IIE- US State Department - Namibia - 2008

Honorary Member of the Golden Key International Honour Society - 2002

Honorary State FFA Degree – Granite State FFA - 2002

Boren-National Security Education Program Fellowship – IIE - 1999

Switzer Environmental Fellowship – 1997-1998

University of New Hampshire's Excellence in Teaching Award – 1995

New Hampshire 4-H Alumni Award - 1994

UNH Summer Faculty Fellowship - 1991; Research on Lameness in Dairy Cattle

Professional Organizations

Member, American Registry of Professional Animal Scientists (ARPAS) 2001-2022

Member and past President American Milking Devon Cattle Association 1993-2022

Member North American College Teachers of Agriculture (NACTA) 2018-2022

Member, Association of Living History Farms and Museums, 1995-2022

Member and past Board member, Livestock Conservancy, formerly ALBC 1989-2022

Member, Hoof Trimmers Association 1996-2021

Member, New England Ox Teamsters Association, 1983-2022

Primary Graduate Advisor

1. Elaina Enzien, M.S. Agricultural Sciences. *Exploring Constraints to the Expansion of Beef Production In New Hampshire, Maine, and Vermont*. Anticipated Graduation May 2022.

Graduate Committee Member for

1. Eric Hatungimana, Ph.D. Agricultural Sciences. *Preservation and Utilization of Wet Brewers Grains in Dairy Heifer Diets*. May 2020. UNH.

2. Reinold Kharuxab, M.S. Sustainable Agriculture. *Assessing The Effects of Droughts on Communal/Subsistence Livestock Producers and Their Mitigation Strategies in Kunene Region: A Case Study from #KHOADI //HÔAS Conservancy, Namibia*. Centre for Sustainable Agriculture, Rural Development and Extension. University of The Free State, Republic of South Africa. May 2019.
3. Nicole Antaya, M.S. Animal Science. *Kelp Meal (Ascophyllum nodosum) Supplementation to Organic Lactating Dairy Cows: Effects on Milk Production, Milk Composition, Animal Health and Nutrient Utilization During Non-grazing and Grazing Seasons*. M.S. Animal Science. September 2016. UNH.
4. Joseph Orefice, Ph.D. in Natural Resources and Earth System Sciences. *Silvopasture in the Northeastern United States: Management Implications for an emerging regional practice*. May 2015. UNH.
5. Charles Lou Simms. M.S. Natural Resources, non-thesis paper *Survey of Bedding Options for New Hampshire Dairy Farmers*. December 2014. UNH.
6. Nicole Guindon, M.S. Animal Science. *Manual manipulation of calf starter for calves and the effects on calf performance*. May 2014. UNH.
7. Dorothy Ann Perkins. M.S. Animal Science. *Measurements of Haptoglobin, Serum Amyloid A, Fibrinogen, and Leukocytes to Evaluate Stress in Organically Managed, Pasture Fed and Conventionally Managed, Total Mixed Ration Fed Jersey Cattle*. December 2014. UNH.
8. Allison Powers – M.A. Anthrozoology, Canisius College. *The Human-Animal Bond and Interactions for Animal Care Professionals*. 2013. Canisius College.
9. Taryn Fisher – Doctorate of Arts in Leadership, *Dairy Farming in the Northeast Competitive Advantage – an Economic Perspective* - Franklin Pierce University. 2013.
10. Ashley Green – M.S. in Natural Resources. *Herbage Mass Accumulation in an Intensive Rotational Grazing System at the UNH's Organic Dairy Research Facility*. 2011. UNH.
11. Gabriel Ngungaa Hangara –Ph.D. *Assessment on the Constraints of the Cattle Supply Chain Management in Namibia: A Case Study of Omaheke Communal Farmers*. University of Free State, Bloemfontein, South Africa. 2010.
12. Rosie Cabral – M.S. Animal Science - *Addition of Varying Amounts of Sodium Bicarbonate to Colostrum Replacer: Effects on IgG Absorption, Serum Bicarbonate, and Hematocrit in Neonatal Calves*. 2010. – UNH
13. Arthur Powers – Ph.D. Natural Resources – *An Initial Evaluation of Market Based Land Reform in Brazil: Can It Create Sustainable Communities?* 2010. UNH
14. Luci Nascimento – Ph.D. Natural Resources – *The Long Journey to become the 'River of National Unity': The Sao Francisco River Basin from the 1940's to 2008 and the Interactions of Environment, Government and Local Citizens*. 2010. UNH
15. Charlie French – Ph.D. Natural Resources – *Urban and Community Gardening: A Case Study Analysis of Boston, MA and Havana, Cuba*. 2008. UNH
16. Karly Crawford – M.S. Animal Science - *The Effects of Feeding Essential Oils to Dairy Cattle*. 2006. UNH
17. Judy Gordon – Master's Degree in Occupational Education. 2005. UNH
18. Sarah E. Ferguson –M.S. Animal Science – *Urea Supplementation in a Corn Silage*

- Based Diet Fed to Lactating Dairy Cows* – 2004. UNH
19. Luci Nascimento – M.S. in Natural Resources *Assessing Progress Toward Ecological Sustainability in the Hudson River Basin, NY, Through Citizen Participation*. 2003. UNH
 20. Amy M. McLaughlin – M.S. Animal Science – *Evaluation of Lysine Supplements for Lactating Dairy Cows*. 2002. UNH
 21. Michelle Davis – M.S. Animal Science – *The Effects of Lasolocid and Monensin on the Taste Preferences of Dairy Heifers*. 2001. UNH
 22. Anne Demarco - Master's Degree in Occupational Education. 1993 UNH

UNH Undergraduate International Research Projects– Thesis Advisor for

- 1) Jillian Broadhurst, *Perceptions of Wildlife, Livestock Management and Mitigation Strategies in Communal Conservancies in the Okakarara District, Namibia*. Honors Thesis Research funded by UNH SURF Abroad. 2020
- 2) Olivia Rose, *A Case Study Exploring the Use of Nurse Mares and Their Effect on Foals in the Thoroughbred Industry, at Kildangan Farm in County Kildare, Ireland* Senior Thesis Research funded by UNH SURF Abroad. 2020
- 3) Emily Gerraughty, *Determining the Effects of Human Presence on Giraffe Vigilance Behaviors in Zambezi National Park*. Honors Thesis Research Funded by UNH-IROP. At the African Lion Environment Research Trust. **Zimbabwe**. 2020
- 4) Amber McElhinney, *Analysis of Equine Aortic Valve Function*. Honors thesis research at The Royal (Dick) School of Veterinary Studies, at Midlothian, **Scotland**, Funded by the SURF Abroad. 2018. See: <https://scholars.unh.edu/honors/460/> or <https://www.youtube.com/watch?v=fIH0yJ8V34I>
- 5) Emma Faddoul,– MCBS-Pre-Vet- *Observing Gregariousness in Chimpanzee Mothers Based on Gender of Offspring*. Senior Thesis Research at Chimfusi Wildlife Orphanage Trust, in Chingola, **Zambia**. Funded by the SURF Abroad - 2018.
- 6) Courtney Kamyk – Senior Thesis – Animal Science-Pre-Vet. *Boldness and Social Aggression in Lions (Panthera leo): How are they related?* Funded by UNH-IROP. African Lion Environment Research Trust. **Zambia**. 2017. See: <https://scholars.unh.edu/honors/378/>
- 7) Elisabeth Wise – Senior Thesis – MCBS-Pre-Vet. *Mapping the Daily Movements of Cheetahs (Acinonyx jubatus) in Namibia's Commercial Farmlands*. Funded by UNH-IROP. Cheetah Conservation Fund, **Namibia**. 2016. See: <https://scholars.unh.edu/honors/334/>
- 8) Alison Jeffrey- Senior Thesis – MCBS-Pre_Vet. *Captive African elephant (Loxodonta africana) social daily activity patterns*. Funded by UNH-IROP. African Elephant Research Unit, Knysna Elephant Park, **South Africa**. 2016. See: https://scholars.unh.edu/inquiry_2017/7/
- 9) Alicia Walsh –Senior Thesis – MCBS-Pre-Vet. *Identifying the diet of cheetahs (Acinonyx jubatus) and other carnivores through genetic markers and scat analysis on central Namibian farmlands*. Funded by UNH-IROP. 2014 See: <https://www.youtube.com/watch?v=k0CmWrTUTUA> https://scholars.unh.edu/inquiry_2015/1/
- 10) Galina Kinsella. Honors Thesis, “*Comparative Study of Behavioral Differences of Koalas (Phascollarcus cinereus) in Anthropogenically Populated versus*

- Unpopulated Environments in Central Queensland, Australia.* ” 2014. Funded by UNH- SURF Abroad See: <https://scholars.unh.edu/honors/238/>
- 11) Patricia Calvin – “*Big Cats in conflict: Namibia’s challenges in managing and protecting predators on communal and commercial farm land.*” **Namibia** 2013.
 - 12) Emily Malnati – “*Survival Strategies: A Cross Cultural Comparison of Value Added Dairy Businesses in Italy and New Hampshire.*” - 2010
 - 13) Lauren Longley – Senior Thesis “*Impacts of Tourism on People and Wildlife in Northwestern Namibia*” - 2009.
 - 14) Heather Tucker – “*The Maasai-Elephant Conflict: An Investigation into Crop Protection Strategies in Northern Tanzania.*” Funded by UNH-IROP. 2006
 - 15) Claire Handy - “*An Assessment of the Sustainability of Heifer Project Animal Husbandry Training For Farmers in Rural Tanzania.*” 2003.

Other Senior Thesis/Capstone Projects – Advisor for

- 1) Alexander Petroff, “*Observations on Development in Karamoja, Buganda, Rwanda and the Democratic Republic of the Congo (DRC)*”. Semester Abroad and Senior Thesis, Hampshire College. Drew was his faculty advisor on the study. Alex is the founder and president of Working Villages International, where Drew has been a board member for 8 years. See: <http://workingvillages.org/> 2004.
- 2) Josiah Robertson, Bohanan Farm, Contoocook, NH: “*The Fifth Generation, Looking to the Future.*” IAG Capstone, presented at COLSA URC. 2013.
- 3) Elaina Enzien, “*Chicken Coops and Rice Paddies: Experiencing Panama Through Global Brigades.*” SAFS Major Capstone Project 2015.
- 4) Emma Downing, “*New Hampshire Dairy Farm Succession: Conversations about Strategies and Challenges of Preserving the Family Farm.* SAFS – Senior Thesis based on field research with farmers throughout New Hampshire. 2015.
- 5) Ashton Parker, “*Management Practices of a 4,000 Head Grass-Fed Beef Farm in New York*” SAFS Major Capstone Project 2015.
- 6) Alanna Broesler, “*Management Practices and Marketing at Wineries and Vineyards in the Hudson Valley.* SAFS Major Capstone Project 2015.
- 7) Alexis Efraimson, Equine Science major, “*The Prevalence of Cryptosporidium Amongst New Hampshire Dairy farms and Farmer Perceptions of Related Illness.* McNair Scholar Project – Spring/Summer 2019.

Courses Taught

University of New Hampshire – Currently

AAS 432 - Introduction to Forage Crops and Grassland Management	(3 cr)
AAS 425 - Introduction to Dairy Herd Management	(4 cr)
AAS 421 - Large Animal Behavior and Handling	(2 cr)
AAS 423 - Dairy Cattle Selection	(2 cr)
ANSC 406 - Careers in Animal Science	(1 cr)
ANSC 690 - Livestock and Wildlife in Namibia: Challenges, Opportunities and Geography	(4 cr)
ANSC 695 - Supervised Teaching Experience	(1-2 cr)
ANSC 698 - CREAM – Cooperative and Real Education in Agricultural	

Management. See: <http://www.unh.edu/cream/>
2 Semester Course – AY 1997-2022 (8 cr)
DPP 954 - Sustainable Agriculture and Food Systems (3 cr)*
Taught for the Master's Program at the UNH Carsey Institute

Courses Taught Previously:

- AAS 574 - Dairy Cattle Disease Seminar UNH (1992-2021)
- ANP6124 – Animal Welfare and Ethology – course module leader
Univ. of Rwanda (UR)– MSc. 2016
- ANP 6125 – Research Methods – course module leader
University of Rwanda (UR) – MSc. 2016
- Animal Feeds and Feeding – two modules UR– BSc. 2016
Basic Animal Nutrition and Applied Animal Nutrition
- Introduction to Animal Health – one module – UR- BSc. 2016
Metabolic Disorders
- SSCI 203 - Environment and Society -UNH
- IAG 490- Integrated Agriculture Management Capstone
- AAS 278 - Introduction to Computers - UNH
- AAS 234 - Equipment and Facilities (team taught) - UNH
- AAS 258 - Comparative Dairy Operations - UNH
- AAS 264 - Dairy Nutrition Practicum – UNH
- LRM 2200 – Large Ruminant Mgmt – Polytechnic of Namibia – 2008
- SRH2100 – Small Ruminant Husbandry – Polytechnic of Namibia -2008
- AS 110 - Agricultural Techniques – Sterling College
- AS 140-141 Comparative Farming Operations – Sterling College
- AS 170-171 Draft Horse Management – Sterling College
- AS 160 - Farm Projects – Sterling College
- AS 60-61- Farm and Forest Workshop – Sterling College
- AS 70 - Farm Workshop – Sterling College
- NS 110 - Introduction to Animal Science – Sterling College

Guest Lectures at UNH

- HIST 498 – History of Animals
- ANSC 406 – Careers in Animal Science
- GEOG 550 – Geography of Sub-Saharan Africa
- IAG 408 - Foundations for Living Sustainably in New England
- ANSC 510 – Culture and Agriculture in Ireland – Team Taught 2011
and Co-Chaperoned International component (2011, 2012, 2017).
- ANTH 411 – Cultural and Social Anthropology (2000-2010)
- ANTH 500 – Peoples and Cultures of the World (1999-2015)
- ANTH 510 – Animals, Identity, and Culture (2019-2020)
- ANTH 612 – Applied Anthropology- (2014-2019)
- EC 720 – International Environmental Politics & Policies
- EC 885 – Systems Thinking for Sustainable Living
- TOUR 510 – Ecotourism and Global Understanding
- ANSC 401 – Animals and Society (annually 3 lectures)

- EDUC 950 – Culture Diversity and Development
- AOE 701 - Microcommunications
- AOE 630 – Development of Food & Fiber in the Third World
- AAS 546 – Animal Business Applications
- AAS 440 – Animal Breeding
- AAS 431 – Introduction to Animal Science
- COM 211 – Critical Reading
- NUTR 506 – Nutrition and Wellness
- PBIO 405 – Organic and Sustainable Food Production
- CAN 422 – Local Food for Local Tables/Cusine and Culture

Publications

Book(s) & Book Chapters

- Conroy, Drew. 2018. "Judging and Evaluating Dairy Cattle". OER Commons. Institute for the Study of Knowledge Management in Education, 28 Jun. 2018.
<https://www.oercommons.org/authoring/29160-judging-and-evaluating-dairy-cattle>
 under license "Creative Commons Attribution-NonCommercial 4.0"
- Conroy, Drew and Peter Erickson. 2009. "*CREAM-Case Study*" in Aber, J. Kelly, T. and Mallory, B. (Editors). The Sustainable Learning Community: One University's Journey to the Future. University of New Hampshire Press and University Press of New England.
- Conroy, Drew. 2008. *Oxen, A Teamster's Guide* (2nd Edition) Published by Storey Publishing. 256 pp. See: <https://www.storey.com/books/oxen/>
- Townson, Lisa. Carrabba, Jim. **Conroy, Drew**. 2007. 4-H Working Steer Manual. Published by University of New Hampshire Cooperative Extension. 46 pages. Available at: https://extension.unh.edu/resources/files/Resource002680_Rep3965.pdf
- Conroy, Drew. 2005. "*Oxen in New England*", a chapter in the Encyclopedia of New England Culture by Yale University Press, under the direction of the University of New Hampshire's Center for Humanities.
- Conroy, Drew. 2002. "*Using Oxen for Farm Work and Transportation*", a chapter in The Field Guide to Appropriate Technology, edited by Barrett Hazeltine, by Academic Press.
- Conroy, Drew. 1999. Oxen, A Teamster's Guide. Published by Rural Heritage. 360 pp.
 An original text written for ox farmers, development workers, as well as hobby and 4-H ox teamsters. With over 200 photographs and dozens of drawings and figures, it is the definitive guide to training and working oxen.
- Conroy, Drew and Dwight Barney. 1986. The Oxen Handbook, Butler Publishing, P.O. Box 1390, LaPorte, CO.

Other Publications –both popular press and peer reviewed

- Mujyambere, V., Adomako, K., Olympio, S. O., Ntawubizi, M., Nyinawamwiza, L., Mahoro, J., & **Conroy, A.B.** (2022). "Local Chickens in the East African Region: Their Production and Potential." *Poultry Science*, 101(1), 101547.

- Majewski, Hannah and **Drew Conroy**. "Classmates Manage This Farm." *Hoard's Dairyman*, Fort Atkinson, WI. January 10, 2022. Pp. 34-35.
- Efraimson, Alexis and **Andrew Conroy**. 2021. "The Prevalence of Cryptosporidium and Giardia in Pre-Weaned Dairy Calves in New Hampshire." *Weekly Market Bulletin*, New Hampshire Dept. of Agriculture. April 28, 2021. Vol. 100, No. 17. Page 1.
- Conroy, AB, PS Erickson, KE Overson. 2019. "Alumni Perspectives of Using a Flipped Classroom and Experiential Learning at a University Dairy Farm." *NACTA Journal* Volume 63. Pp. 299-306.
- Conroy, A.B., P. S. Erickson, K. M. Aragona, and E. Hatungimana. 2018. Abstract, M325 Cooperative Real Education in Agriculture Management at the University of New Hampshire." *Journal of Dairy Science*, Vol. 101, Suppl. #2.
Retrieved from <https://www.adsa.org/2018/Abstracts/121.pdf>
- Conroy, Drew. 2016. "Ray Clark and American Milking Devon Cattle." *Livestock Conservancy News*. Autumn Issue. Volume 33, Issue 4. Pp. 5-6.
- Conroy, Drew. 2016. "American Milking Devons and the Flack Family Farm." *Small Farmer's Journal*, Summer Vol. 40, No. 2.
- Orefice, Joe, John Carroll, **Drew Conroy**, Leanne Ketner. 2016. "Silvopasture Practices and Perspectives in the Northeastern United States." *Agroforestry Systems*. Springer Publications. Netherlands. pp. 1-12. DOI: 10.1007/s10457-016-9916-0
- Antaya NT, Soder KJ, Kraft J, Whitehouse NL, Guindon NE, Erickson PS, **Conroy AB**, Brito AF. 2015. "Incremental amounts of Ascophyllum nodosum meal do not improve animal performance but do increase milk iodine output in early lactation dairy cows fed high-forage diets." *Journal of Dairy Science* 98(3) pp. 1991-2004. March 2015
- Conroy, Drew. (2015) "The Life Cycle of a Special Milking Devon Cow." *Small Farmer's Journal*. Summer 2015. Vol. 39, No. 3. Pp. 59-61.
- Conroy, Drew. (2015) "Maple Breeze Farm." *New England Country Folks*. August 14, 2015.
- Conroy, Drew.(2015) "Why American Milking Devons?" *Rural Heritage Magazine*, Nov. 2015, Vol. 40. No. 5. pp. 30-34.
- Conroy, Andrew and Rebecca Standish. 2013. "New Hampshire Dairy Farmer Panel - Sharing Expertise and Ideas for the Future". *Country Folks- New England Farm Weekly*, Lee Publications, Palantine Bridge, NY. Volume 31, Number 4, April 15, 2013. Pp. Lee Publications 3-5.
- Daigle, Louise and Andrew Conroy. 2012. "Farmers Share Their Stories with the UNH CREAM Class." *Dairy Briefs*, UNH Cooperative Extension. Vol. 57. Summer 2012.
- Conroy, Drew. 2011. "UNH Students Visit Ireland Farms." *Dairy Briefs*. UNH Cooperative Extension. Vol.55. Summer 2011.
- Conroy, Drew, Hannah Flint and Rosie Cabral. 2011. "New England Dairy Farmers Speak about Challenges and Opportunities." *New England Country Folks*. February 21, 2011.
- Conroy, Drew, and Nicole Antaya. "Feeding Cows and Making Changes in Difficult Times." *Dairy Briefs*. UNH Cooperative Extension. Vol. 54, Winter 2011. Pp. 3-4
- Conroy, Drew. 2010. "UNH CREAM Marks 14th Year." *Dairy Briefs*. UNH Cooperative Extension. Vol. 53, Fall 2010. Pp. 3
- Teweldmehidin, M.Y. and **A.B. Conroy**. 2010. "The Economic Importance of Draught Oxen on Small Farms in Namibia's Eastern Caprivi Region." *African Journal of Agricultural Research*. Vol. 5 (9). Published 18 May 2010. see: www.academicjournals.org/AJAR
- Teweldmehidin, M.Y. and **A.B. Conroy**. 2009. "The Socio-Economic Status of Caprivi Farmers

- who use Draught Animal Power." *AGRICOLA* 2009 No. 19 (ISSN 1015-2334). Published by the Ministry of Agriculture, Water and Forestry; Directorate Research and Training. Windhoek, Namibia.
- Conroy, Drew. 2005. "Berry Brook Farm and Ox Supply." *Small Farmer's Journal*. Vol. 29, No. 4. Fall issue. Pp. 43-44.
- Conroy, Drew. 2005. "Cuba's Organic Production." *Rural Heritage Magazine*. Vol. 30, No. 6. Holiday issue. Pp. 72-75.
- Conroy, Drew. 2005. "The Experimental Mule." *Rural Heritage Magazine*. Vol. 29, No. 6. Spring issue. Pp. 43-44.
- Conroy, Drew, Claire Handy, and Lobulu Sakita. 2004. "The Adoption and Use of Animal Traction by the Agropastoral Maasai and Arusha People in Northeastern Tanzania." Pp.2-17. *Draught Animal News*, No. 40, June 2004. Published and edited by the Centre for Tropical Veterinary Medicine, University of Edinburgh, Scotland.
- Conroy, Drew. (2004) "Ox Yokes: Culture, Comfort and Animal Welfare." World Association for Transport Animal Welfare and Studies (TAWS). *Common ground: moving forward with animals* TAWS/TAA/BVA workshop held 15 April 2004, Silsoe Research Institute, UK. Available at <http://www.taws.org/TAWS04-Conroy-040419-A4-all.pdf>
- Conroy, Drew. 2004. "4-Way Logging Cart." *Rural Heritage Magazine*. Vol. 29, No. 1. Winter issue. Pp 28-29.
- Conroy, Drew. 2004. "Obstacle Competitions." *Rural Heritage Magazine*. Vol. 29, No. 3. Spring issue. Pp 62-64.
- Conroy, Drew. 2004. "Ox Yokes and Comfort." *Rural Heritage Magazine*. Vol. 29, No. 4. Summer issue. Pp 71-74.
- Conroy, Drew. 2004. "Interpreting Oxen in Early America." *Rural Heritage Magazine*. Vol. 29, No. 5. Autumn issue. Pp 80-83.
- Conroy, Drew. 2004. "Why Oxen." *Rural Heritage Magazine*. Vol. 29, No. 6. Holiday issue. Pp. 83-85.
- *Conroy, Andrew. 2003. Maasai Agriculture and Wildlife Conflicts – for the The FAO's Livestock, Environment and Development (LEAD) project
http://www.fao.org/fileadmin/templates/lead/pdf/05_article01_en.pdf
- Conroy, Drew. (2002). "What Constitutes a Breed." *The Highlander*. Australian Highland Cattle Society Inc. April 2002. ABN 46 934 590 042. Pp. 26-27.
- Conroy, Drew. 2002 (Abstract). "The Sustainability of Animal Traction among Maasai Agropastoralists in Monduli District, Tanzania." *Journal of Dairy Science*. Originally presented as part of a Symposium on International Agriculture, at The Annual Meeting of the American Dairy Science Association, American Society of Animal Scientists, and Canadian Society of Animal Science. Held in Quebec City, Quebec, Canada. July 2002.
- Conroy, Drew. 2003. "How Much Steers Cost." *Rural Heritage Magazine*. Vol. 28, No. 3. Spring issue. Pp 96-98.
- Conroy, Drew. 2003. "First Time Visit, Horse Progress Days." *Rural Heritage Magazine*. Vol. 28, No. 5. Autumn issue. Pp 17-18.
- Conroy, Drew. 2003. "Heifers and Cows for Work." *Rural Heritage Magazine*. Vol. 28, No. 1. Winter issue. Pp 52-54.
- Conroy, Drew. 2003. "New England Log Scoot." *Rural Heritage Magazine*. Vol. 28, No. 2. Evener issue. Pp 24-26.
- Conroy, Drew. 2003. "A Woodlot Harvest." *Rural Heritage Magazine*. Vol. 28, No. 6.

- Holiday issue. Pp 52-54.
- Conroy, Drew. 2003. "Judging Oxen." *Rural Heritage Magazine*. Vol. 28, No. 6. Holiday issue. Pp 55-56.
- Conroy, Drew. 2001. "Ox Drover's Gathering." *Rural Heritage Magazine*. Vol. 26, No. 2. Spring issue. Pp 55-57.
- Conroy, Drew. 2001. "The Changing U.S. Cattle Industry." *The Dexter Bulletin*. Spring issue. Pp. 6-9.
- Conroy, Drew. 2001. "What Constitutes a Breed?" *ALBC News*, January-February issue. American Livestock Breeds Conservancy, Pittsboro, NC. Pp.2-11.
- Conroy, Drew. 2001. "What Constitutes a Breed?" *New Zealand Rare Breeds*, Number 53, Autumn issue, ISSN 1174-8427. Pp. 17-19
- Conroy, Drew. 2001. "Equines vs. Bovines" *Rural Heritage Magazine*. Vol. 26, No. 1. Winter issue. Pp. 59-61.
- Conroy, Drew. 2002. "Sharing the Knowledge." *Rural Heritage Magazine*. Vol. 27, No. 1. Winter issue. Pp 25-28.
- Conroy, Drew. 2002. "Calf Training." *Rural Heritage Magazine*. Vol. 27, No. 2. Evener issue 2002. Pp 41-42.
- Conroy, Drew. 2000. "Stoneboats for Exercising and Working Oxen." *Rural Heritage Magazine*, Vol. 25, No. 6. Holiday issue. pp 102-105.
- Conroy, Drew. 2000. "Keep Traveling Oxen Healthy," *Rural Heritage Magazine*, Vol. 25, No. 5. Autumn issue. pp 49-51.
- Conroy, Drew. 2000. "No Shortcuts for Training Oxen," *Rural Heritage Magazine*, Vol. 25, No. 4. Summer issue. pp 26-28.
- Conroy, Drew, 2000. "Starting a 4-H Working Steer Club," *Rural Heritage Magazine*, Vol. 25, No. 2. Evener issue. pp. 102-105.
- Conroy, Drew. 2000. "Harnessing Ox Power," *Rural Heritage Magazine*. Vol. 25, No. 1, Winter Issue. pp. 30-32.
- Conroy, Drew. 1999. "Multiple Ox Hitches," *Rural Heritage Magazine*. Vol. 24, No. 6. Holiday Issue. page 51.
- Conroy, Drew. 1999. "Ox Mecca (Fryeburg Fair)", *Rural Heritage Magazine*. Vol. 24, No. 5. Autumn Issue. pp. 63-65.
- Conroy, Drew. 1999. "Cattle Hoof Trimming in the United States of America-Part II." *Hoof and Claw*, The Japanese Farrier's Journal, Japanese Farrier's Association. No. 188. 1999/9. pp. 7-12.
- Conroy, Drew. 1999. "Buying a Team of Oxen," *Rural Heritage Magazine*. Vol. 24, No. 4. Summer Issue. pp. 64-66.
- *Conroy, Drew. 1999. "Cattle Hoof Trimming in the United States of America-Part I." *Hoof and Claw*, The Japanese Farrier's Journal, Japanese Farrier's Association. No. 186. 1999/3. pp. 13-20.
- Conroy, Drew. 1999. "Ox Housing," *Rural Heritage Magazine*. Vol. 24. No. 3. pp. 75-77. Spring Issue. pp. 75-77.
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- *Conroy, Drew. 1993. "The Future of Draft Animals on Historic Farms", *Proceedings of the 20th Anniversary Meeting of The Association of Living History Farms and Museums*, June 17-24, 1990. Vol. XIII, Published 1993.
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- Conroy, Drew. 1988. "More Lambs Per Ewe", *Family Farm*, Farm Resource Center, Putnam, CT. September Issue .
- Conroy, Drew. 1988. "Selecting Your First Team", *Family Farm*, Farm Resource Center, Putnam, CT. August Issue.
- Conroy, Drew. 1988. "Hoof Trimming", *Ag Review*, Farm Resource Center, Putnam, CT. July Issue.
- Conroy, Drew. 1988. "Do Draft Animals Have A Place On Your Farm", *Family Farm*, Farm Resource Center, Putnam, CT. June Issue.
- Conroy, Drew. 1987. "Lameness in Dairy Cattle", *The Dairyman*, Vol. 68, No. 8, August Issue.
- Conroy, Drew. 1987. "Pete The Henny", *Small Farmer's Journal*, Vol. 11, No. 3, Summer Issue.

Other Research/Scholarship Projects

Educational Videos and Audio Production

- Conroy, Drew. 1987. *Basic Training of Oxen*. 45 minute video demonstrating training calves as oxen. Produced by Butler Publishing, LaPorte, CO.
- Conroy, Drew. 1988. *Advanced Training of Oxen*. 45 minute video demonstrating logging and advanced training of oxen. Produced by Butler Publishing, LaPorte, CO.
- Dearborn, Jeff and Drew Conroy. 1988. *Hoof Trimming*. 45 minute video demonstrating cattle hoof trimming and hoof care. Produced by Butler Publishing, LaPorte, CO.
- Conroy, Drew. 1994. Cast as an animal wrangler with Nebraska Public Television providing oxen, teamsters and advice for a PBS Television Documentary called "***In Search of the Oregon Trail.***" Released in 1995. See: <http://www.worldcat.org/title/in-search-of-the-oregon-trail/oclc/61774033>
- Conroy, Drew. 1995. Cast as an animal wrangler with 20th Century Fox to provide and drive, as well as find period-correct livestock for the 20th Century-Fox film, "***The Crucible***", released in 1996. See: <http://www.imdb.com/title/tt0115988/>
- Kramer, Dave and Drew Conroy. 1998. *Ox Yokes - Volume I: Carving a Yoke*. 2-hour videotape demonstrating fitting and making an ox yoke. Produced by Rural Heritage and Videomakers Unlimited. See: <https://www.mischka.com/shop/home.php?cat=271>
- Kramer, Dave, and Drew Conroy. 1998. *Ox Yokes - Volume II: Bending Bows and Forging Hardware*. 1 hour and 45 minute videotape on making and fitting bows, as well as forging the hardware for an ox yoke. Produced by Rural Heritage and Videomakers Unlimited. See: <https://www.mischka.com/shop/home.php?cat=271>
- MacDonald, Cathleen. 2001. *Working Animals*, "The Burdened Beast". Drew Conroy, assisted with technical details on the use of oxen for a 23-minute documentary television program on Discovery Channel – Canada. Vol. 3 Episode 10 See: <https://mpeproductions.ca/workinganimals/>
- Conroy, Drew. "*An Old-Fashioned Teamster*" Featured on the one hour Front Porch Program – December 10, 2002, New Hampshire Public Radio.
- Conroy, Drew and Tim Huppe. *Training Oxen*. 2003. Two hour video/DVD demonstrating how to work and train oxen in a variety of situations, with a variety of teams. Produced by Rural Heritage, and Bill Edmonds. See: <https://www.mischka.com/shop/home.php?cat=271> or to preview <https://www.youtube.com/watch?v=ul2PFDdeJ2k>
- Canadian Broadcasting Corporation (CBC), Aired October 2003. *Land and Sea Program*

See: <https://www.cbc.ca/archives/history> . Provided information and ideas for a television program about oxen in Nova Scotia.

Research Projects/Grants

- 1998 - 3-month project in Northern Tanzania, March-June. Funding provided by a Switzer Fellowship, \$10,000, Tillers International \$3000, Yankee Teamsters 4-H Club \$200, Columbus Zoo \$500, as well as the UNH Hubbard Endowment Sustainability Award \$500, UNH Graduate School, and the UNH Center for International Education \$500.
- 1999 – 3- month Ph.D. research project supported by the National Security Education Program Fellowship \$10,000, to complete the Doctoral Dissertation research. Numerous presentations and papers of this work as cited.
- 2002 – Awarded \$1000 UNH Faculty Development Fund and \$500 from the UNH Center for International Education for attendance at the week long workshop for the Animal Traction Network for Eastern and Southern Africa (ATNESA).
- 2004 - Organic Dairy Farming Research Scoping trip – New England - May 25-26, 2004, Fully sponsored by the UNH Office of Sustainability Programs.
- 2004 – Sustainable and Organic Agriculture Research Scoping to CUBA, September 5-12, 2004, UNH Office of Sustainability Programs.
- 2005 - **Not Funded** Fulbright Scholar Award – Africa Regional Research Program – \$60,000
- 2007 – Awarded \$87,804.00 - Fulbright Scholar Award for 12 months at the Polytechnic of Namibia in 2008.
- 2008 - Awarded \$6,000 from the Polytechnic of Namibia for field research in Northern Namibia's Caprivi region. This was awarded to support Drew Conroy, Fulbright Scholar and lecturer Dr. Mogos Teweldmehidin, as well as 4 students for 5 weeks in the field studying the use and economics of oxen versus tractors by the regions farmers
- 2011 – Awarded \$50,000 from the Provost's New Ventures Fund for Wonder and Innovation in Teaching – Internal UNH Award
- 2014 – Awarded \$1500, Faculty International Development Grant to visit Alicia Walsh, IROP Recipient in Namibia.
- 2015 – Awarded \$60,160.00 – Fulbright Scholar Award for 6 Months at the University of Rwanda, in 2016.
- 2015 – **Not Funded** - \$10,000. *Imprinting newborn dairy heifers; does it work?* Sonja Heyck-Merlin (PI), with Drew Conroy at the Technical Advisor. Northeast SARE Farmer Grant, Burlington, VT.
- 2016 – **Not Funded** - \$100,000.00 *Improving Small Scale Poultry Management Practices, Using a Multidisciplinary Approach in Burera District, Rwanda.* Dr. Francis Mbuza, PI, University of Rwanda, with UNH's Dr. Andrew Conroy and UNH's Dr. Vanessa Grunkemeyer, partner-consultants. Feed The Future Innovation Lab for Livestock Systems (USAID and U.Florida).
- 2016 – **Not Funded** - \$42,000.00. *Developing the First Study Abroad Program for The Thompson School of Applied Science at The University of New Hampshire.* Dr. Andrew Conroy, Dr. Kimberly Babbitt, and Dr. Kerryellen Vroman. Capacity Building Grants for U.S. Undergraduate Study Abroad – Funded by the US. State Department administered by the Partners for Americas.

Outreach and Service

Professional Presentations

- "Lameness In Dairy Cattle". November 1987. Presented at the Sterling College Farm Meetings, in cooperation with the Vermont Cooperative Extension Service, for the benefit of local Dairy Farmers.
- "Drafting With Oxen - Workshop". June 1990. Presented at the Joint Annual Meeting of the American Minor Breed Conservancy (AMBC) and the Association For Living History Farms and Museums (ALHFAM), held at Plimoth Plantation.
- "Cattle Breeds For Draft". June 1990. Paper Presented at the Joint Annual Meeting of the AMBC and the ALHFAM, held at Plimoth Plantation.
- "The Future Of Draft Animals On Historic Farms". June 1990. Presented a Paper and chaired a discussion panel and paper presentations at Brown University for ALHFAM.
- "Agriculture Promotion and Education at New Hampshire Fairs". April 1992. Presentation at the Annual Meeting of the New Hampshire Fairs Association, Bedford, NH.
- "Fairs-A Special Look", February 1993. Presentation at the 3rd Annual New Hampshire/Vermont Fair Meeting, Fairlee, VT.
- "Human/Domestic Animal Relationships", January 1994. Presentation for the U.N.H.Speakers Bureau, in cooperation with the Winter Balsam's Lecture Series, in Dixville Notch, NH for guests at the Balsam's Grand Resort.
- "Dealing With Animal Rightists", February 1994. At the New Hampshire Farm & Forest Exposition, for the NH Farm Bureau Associated Women.
- "Handling Cattle Foot & Leg Problems", March 9, 1994. Presentation at the Orlean's County Dairy and Crop Management Meeting, held in Newport, Vermont.
- "Handling Cattle Foot & Leg Problems", March 10, 1994. Presentation at the New Hampshire Milking Equipment Conference in Lebanon, NH.
- "Handling Cattle Foot & Leg Problems", March 11, 1994. Presentation at the 9th Annual Dairy & Crop Management Meeting, for dairy farmers in Essex and Coos Counties.
- "Handling Cattle Foot & Leg Problems", March 12, 1994. Maine Dairy Seminar. Presentation to Maine dairy farmers, held in Augusta, Maine.
- "Raising Pigs", March 26, 1994. Presented at Country Living Day, in conjunction with Rockingham County Farm Cooperative Extension.
- "Feet & Leg Problems In Cows", April 22, 1994. Presented at the annual Cheshire County D.H.I.A. Meeting, in Westmoreland, NH.
- "What is in Your Pasture: Plant Identification and Management" - 20th Annual New Hampshire Sheep and Wool Festival - 1996
- "The Role of 4-H in Professional Development" – 1996 - 4-H Foundation of New Hampshire 38th Annual Meeting
- "Dairy, Draft and Beef: Changing Cattle Breed Habitat," June 6-8, 1997. Presented at the American Livestock Breeds Conservancy (ALBC) Annual Meeting, Shelburne, Vermont.
Invited Paper/Presentation
- "Bovine Hoof Trimming and Care in the U.S.A.," Presented to the Japanese Claw Trimmers Association, in Hokkaido, Hiroshima, and Nasu, Japan, October 1998.
Invited Paper/Presentation.

“Applied Sciences and Global Challenges,” Panelist at a Symposium on Globalization and National Security, Library of Congress, Washington, DC. October 1999. *Invited Paper/Presentation*

Panelist - *“Outside the Box, Intercultural Learning Along Paths Less Trod.”*
Presented at the Council on International Exchange – 53rd Annual Conference in Montreal Canada. November, 2000. *Invited Paper/Presentation*

“Maasai Oxen, Agriculture and Land-Use Change in Monduli District Tanzania.” Presented at the 6th Thematic Conference and Workshop of the Animal Traction Network of Eastern and Southern Africa (ATNESA), held in Jinja, Uganda. May 2002. *Invited Paper.*

“The Sustainability of Animal Traction among Maasai Agropastoralists in Monduli District, Tanzania.” Symposium on International Agriculture, presented at The Annual Meeting of the American Dairy Science Association, American Society of Animal Scientists, and Canadian Society of Animal Science. Held in Quebec City, Quebec, Canada. July 2002. *Invited Paper/Presentation.*

“American Milking Devons” World Devon Congress – Keynote Presentation — Sturbridge Village, Sturbridge, MA May – 2004.

Large Animal Handling Issues and Introduction to Handling,” followed by a large animal handling workshop. New England Animal Control/Humane Academy –UNH – July 29-30, 2004

“What Does New England have to Learn From Cuba” – Panel Presentation.
Soul of Agriculture Conference – Healthy Farms, Healthy People: Making the Agriculture Nutrition Link. University of New Hampshire November 8, 2004

“Developing an Agricultural Bioterrorism – Teaching Module,” AgrowKnowledge Annual Conference in Ventura, CA- April 2005

“The Socio-Economic Status Farmers in Namibia’s Eastern Caprivi using Draught Animal Power” – 27th Environmental Education Association of Southern Africa 2009 Conference

“Wildlife-Livestock Conflict and Biosecurity: Case Studies from Tanzania and Namibia”
Invited presentation Cornell University Veterinary School – Annual Large Animal Symposium April 2, 2010.

“Wildlife-Livestock Conflict and Biosecurity: Case Studies from Tanzania and Namibia,”
Invited presentation, Maine Cattle Health Assurance program – Fall Large Animal CE Seminar for Maine Veterinarians Nov. 2010, Waterville, ME.

“Wildlife-Livestock Conflict and Biosecurity: Case Studies from Tanzania and Namibia,” –
Invited Presentation - Ross University Veterinary School – St. Kitts and Nevis. November 2011.

“Challenges in Agriculture and Pastoralism: case studies from Tanzania and Namibia highlighting the use of social science methods with farmers and pastoralists.” UNH COLSA Dept. of Biological Sciences Seminar Series. April 12, 2013.

“Wildlife-Livestock Conflict and Biosecurity: Case Studies from Tanzania and Namibia”,
Christian Veterinary Missions Organization lectures, Tufts University Cummings School of Veterinary Medicine, North Grafton, Massachusetts. May 7, 2014.

“What you need to know when you get called to work on a team of oxen.” Veterinary Student Livestock Organization, Tufts University Cummings School of Veterinary Medicine, North Grafton, Massachusetts. (May 7, 2014).

“Wildlife Conservation and Agricultural Development in Eastern and Southern Africa.”

Spring 2015. – New Hampshire International Seminar, UNH Faculty Abroad Series.
February 24, 2015.

“Livestock Behavior and Safe Handling.” 35th New England Animal Control/Humane Academy. Held at the University of New Hampshire. July 20, 2015.

“Independent Undergraduate Research Abroad: Lessons Learned at the University of New Hampshire.” Presentation for the 2017 Global Learning in Agriculture Conference. Held online on January 27, 2017. See: <http://aese.psu.edu/teachag/global/global-learning-in-agriculture-conference?platform=hootsuite> Presented by Drew Conroy and Elisebeth Wise.

“Opportunities Abroad: Exploring Livestock and Wildlife Interactions in Africa.”

Lecture for the Veterinary Student Livestock Organization, Cummings School of Veterinary Medicine at Tufts University, North Grafton, Massachusetts. February 27, 2017.

“Food Production and Security” at the UNH Sustainability Summit, sponsored by the University of New Hampshire Students for Global Health. Panel Presenter with Dr. Todd Guerdat. March 3, 2018.

“Lessons Learned: 21 Years of Cooperative Real Education Management (CREAM) at the University of New Hampshire”. Poster Presentation at the American Dairy Science Association Annual Meeting, Knoxville, TN June 24-27, 2018.

“Oxen: Status, Uses and Practices in the USA, Encouraging a Historic Tradition to Thrive.”

The presentation can be seen in full at <https://www.youtube.com/watch?v=Jr9c41YCck0&t=19s>

This was an invited presentation to the global conference called Draft Animals in the Past, Present and Future, a virtual conference coordinated in Germany with 350 participants from 30 countries. May 8-9, 2021.

Professional Service

1990 - Region #18 Vocational Advisory Council

1991-1994 - Education Committee for NH Farm Bureau Federation

1991 - Reviewed Tiller's International's TECHGUIDE on "OX YOKES" prior to 1992 publication in the *Tiller's Report*.

1992-1994 Conducted a 5-day workshop entitled "**Oxen Basics**" at Tiller's International, for Peace Corps volunteers, & Museum workers,

1992 - Reviewed Tiller's International's Tech Guide on "Restraining Loads", prior to publication in the *Tiller's Report*.

1993 - School for Lifelong Learning, Reviewer on the Assessment Team for Anne Bennet, B.S. Degree candidate

1992-1994 Member NH Animal Welfare Advisory Council

1993 - Assisted the American Milking Devon Association in writing a brief history & brochure for mailings & distribution

1993 - Conducted a workshop for the Maine Small Farm Field Day, on Maximum Production in Farm Livestock Through Genetics.

1993 - Assisted the American Milking Devon Association in writing a brief history & brochure for mailings & distribution.

1993 - Reviewer for Verlyn Klickenberg's article in Smithsonian Magazine on Oxen

1992-1994 - Chaperon of NH Delegates and Member of Planning Committee for the National 4-H Dairy Conference, Madison, WI

1992-2002 - Conducted ten one-week technical training programs on draft animal

- use in international development for Tillers International. Kalamazoo, MI.
- 1995 - Thesis review for graduate student at the University of North Carolina at Chapel Hill on "Oxen in New England Folklore."
- 1995 - Assisted Ali Newman, a freelance writer for U.S. Kids in researching an article on oxen featuring 4-H working steer clubs and youth.
- 1995 - Assisted Maurice Michelman of Virginia helping him develop materials for a non-fiction children's book on oxen.
- 1995 - One five-day workshop for Missouri Town-1855 on the use of draft animals for museum interpretation and farm work.
- 1995 - Head Animal Training Instructor for five weeks, ATRADO (Uganda) & Tillers ATRADO/Tiller's International Draft Animal Course, Tororo, Uganda. Training 45 Ugandan Extension Agents.
- 1996 - Scoping trip to proposed research areas. In addition, visited *Sasakawa-Global 2000 Ox Training Sites* in Tanzania, participated in a mid-year evaluation of their 50 ox training centers.
- 1996 - Merrimack County Farm Bureau Annual Meeting - Speaker on Agriculture in Africa.
- 1996 - Reviewed Re-creations of Historical Exhibits on draft oxen for U.S. National Park Service, at the National Frontier Trails Center.
- 1996 - Reviewed drafts of fictional short stories written by Carol McLernon of Wisconsin about Oxen in U.S. History.
- 1996 - UNH-New England Extension In-Service Training - Presentation: "Sustainable Agriculture in East Africa. West Fairlee, VT.
- 1997-2002 - Midwest Ox Drovers Association. Presenter during their annual meetings in Kalamazoo, MI.
- **Contributor to *the Midwest Ox Drover News*, Published by Midwest Ox Drovers Association, Arcanum, Ohio.
- ❖ Conroy, Drew. "Oxwood's Answers." Winter Issue 1996-1997. pp. 1-4
 - ❖ Conroy, Drew. 1997-1998. "Getting Started with Oxen," Winter Issue, pp. 3-7.
 - ❖ Conroy, Drew. 1999. "From the Pen of Drew Conroy....." Winter Issue, pp. 2-3.
 - ❖ Conroy, Drew. 1999. "From the Pen of Drew Conroy....." Summer Issue, pp. 2-3.
- 1997 - Granite State Draft Horse and Pony Association, Annual Meeting. Slide Presentation "*Draft Animals in Africa*," January 1997. Boscawen, NH
- 1997 - Strafford County Conservation District - Presentation - "Surviving as an Agricultural Producer in the 21st Century."
- 1999 - Farmington Historical Society - "*19th Century Farming Taught Around the World*."
- 1999 - Grafton County Holstein Association - Annual Meeting - Talk & Slide Presentation - "*Opportunities for Youth in Agriculture*."
- 1995-2002 - Livestock Educator - Annually at the Sandwich Fair, Sandwich, NH.
- 2000 - Keynote Speaker - "*The White Man of Oxen*." Midwest Ox Drover's 5th Annual Meeting, Kalamazoo, MI. June 24, 2000.
- 2000 - "*How to Identify Forages*." New Hampshire Sheep and Wool Festival.

- May 13, 2000.
- 2000 - Keynote Speaker – “*African Agriculture- How lucky we are!*” Hillsboro County Farm Bureau Annual Meeting, October 20, 2000.
- 2001 - “*Cow Comfort, a Preventative Herd Health Measure.*” Coos County Cooperative Extension – Animal Health Conference/Workshop Lancaster, NH – April 12, 2001.
- 2001 – American Dexter Cattle Annual Meeting – Keynote Speaker at Banquet. Live and Video Cattle Judge. Cobleskill, NY May 2001.
- 2001 – Ox Training Workshop to Benefit the American Livestock Breeds Conservancy. Held at Warren Wilson College in North Carolina. September 2001.
- 2001 – Keynote Speaker – “*Women on the Farm in Africa*”, New Hampshire Farm Bureau Federation, Associated Women’s Annual Meeting, Concord, NH. November 11, 2001.
- 2002 - Workshop Leader – Livestock Biosecurity and Training Oxen. Northeast Organic Farmers Association Annual Summer Conference. – At Hampshire College, Amherst, MA. August 2002.
- 2002 - Ox Training Workshop to Benefit the American Livestock Breeds Conservancy. Held during the ALBC 25th Annual Meeting at Hancock Shaker Village, Pittsfield, MA. September 2002.
- 2002 – *American Livestock Breeds Conservancy – Introduction* – for the Strafford County Farm Bureau Annual Meeting – Lee, NH. October 10, 2002.
- 2002 - Content Advisor for Out and About at the Dairy Farm. A Children’s book, by Andy Murphy. Published by Picture Window Books. Minneapolis Minnesota. 2003.
- 2002 - Provided dozens of photos from my fieldwork in Africa for use in the book Conservation and Globalization: National Parks and Indigenous Communities from East Africa to South Dakota. By Jim Igoe, of the University of Colorado at Denver. 2003.
- 2003 - Speaker for Merrimack County Farm Bureau Annual Meeting, Penacook, NH - April 2003
- 2003 – “Cow Comfort” Speaker on Cow Comfort for Chesire/Sullivan County Extension Meeting– March 2003.
- 2003 - ALBC –Coordinated the Northeast Spring Cabin Fever Meeting and *Grass Based Genetics Workshop* at Kelmscott Farm in Lincolnville, Maine. March 2003
- 2003-2015 - Oxen Training Basics – Teamster and Team Training programs – Remick Farm Museum, Tamworth, NH 2003-5 and Sanborn Mills Farm, Loudon, NH 2006-2015
- 2004-2006- American Milking Devon Cattle Association – Board of Directors Elected President 2005-2007.
- 2005 - American Milking Devon Cattle Annual Meeting – May 7, 2005 – Keynote Presentation - *State of Genetics in the Breed*
- 2005 - NH Cooperative Extension - Dairy Farm Worker Training held on January 6, 2005 in Westmoreland, NH
- 2005- 2006 National Security Education Program (NSEP)

- David L. Boren Scholarship Selection Committee – IIEE Office, Manhattan, NY - March 21, 2005 and March 20, 2006.
- 2004-2011 - Ox Logging Workshops – 3 day intensive hands on programs at the Remick Farm Museum, Tamworth, NH 2004 and Sanborn Mills Farm, Loudon, NH 2007& 2009
- 2007- Horses and Oxen in Cuba” – Keynote speaker at the Granite State Draft Horse and Pony Association Annual Meeting – January 21, 2007
- 2007 “Feeding Forages to Livestock” – For Cooperative Extension at the NH Farm and Forest Exposition – February 2, 2007
- 2007 - Peer-Reviewed a Chapter on Forages and Forage Crops in the newest version of the “Stockman’s Handbook” originally by Ensminger, now being rewritten by Hank Harris and Keith Thornton, for Prentice Hall Publishers
- 2008 - Serving The US Government’s Millenium Challenge Corporation in Namibia, Africa – Livestock Activity Livelihoods Sustainability Mission - Two week long field study with an international team on the challenges the US AID and Namibian governments would face with the proposed move of the Veterinary Corodon Fence (VCF). March 23-April 12, 2008.
- 2008 - Lead Instructor - Colonial Williamsburg, 2 Day Symposium *Oxen in the Old and New Worlds*, October 30–November 1, 2008 (flown in from Namibia to Williamsburg, VA)
- 2009 - Swine Education Day – NH Cooperative Extension, Presenter “*Swine Housing for New England*” May 2009
- 2009 - Small Farms Conservancy – Northeast Regional Discussion Group – On farm Education and Farmland Preservation. Sponsored by the Small Farmer’s Journal and Sanborn Mills Farm. September 2009.
- 2009 - Hillsboro County Farm Bureau - Keynote Speaker “*Agriculture and Adventure in Namibia*” October 2009
- 2009 - York County Annual Extension Meeting – Keynote Speaker – “*A year in Namibia, agriculture, culture and research.*” Nov. 2009
- 2009 - Moderator – Genomics Panel Discussion – New England Holstein Convention 2009
- 2009 - New England Holstein Convention – Guest Speaker – “*Cattle and Culture in Namibia*” October 24, 2009.
- 2009-2017 – Working Villages International - Vice Chair of the Board of Directors. See: <http://workingvillages.org/>
- 2010 - Coos County Annual Farm Bureau Meeting – Keynote Speaker “*Agriculture and Adventure in Namibia*”
- 2010 Workshop Leader – “*Oxen: the power source of New England.*” 40th Anniversary of the founding at ALHFAM (Association of Living History Farms and Museums) at Sturbridge Village, Sturbridge, MA June 2010
- 2011 – Working with farmers in rural areas in Uganda. Lecture for UNH Chapter of Engineers without Borders. March 31.
- 2011-2013 Institute of International Education -Council for International Exchange of Scholars (CIES), Fulbright Scholar Award Discipline Review Committee, for Agriculture and Review Fulbright Scholar Award

- Applications for Discipline accuracy and quality, Appointed, National, Washington, DC. (August 2011 - & September 2013).
- 2012 – “Understanding Animal Handling,” Presented a Lecture on Preparing Farm Workers to Work with Animals. *Livestock Risk Management Seminar and Tradeshow*. UNH Cooperative Extension and New Hampshire Dept. of Agriculture. May 14.
- 2014 -Institute of International Education, Global Innovation Initiative, Selection committee member - Agriculture, Food, and Water Proposals, Appointed, National, New York, NY, USA. (December 2013 - January 2014).
- 2014 – The Mulago Foundation Agriculture Summit. Invited to this all expenses paid workshop as part of the Working Villages International team, @ Castle Forest Lodge in Kimunye Kirinyaga District, Kerugoya, Kenya see: <http://www.mulagofoundation.org/> June 18-20, 2014.
- 2014 – “*Teaching Farmers, Learning About the World.*” Invited Speaker at the Strafford County N.H. Farm Bureau – Annual Meeting. October 10, 2014.
- 2015 -Institute of International Education, Global Innovation Initiative, Selection committee member - Agriculture, Food, and Water Proposals, Appointed, New York, NY.(January 2014 - May 2015).
- 2015- Boren Scholarship Selection Panel, Part of the National Security Education Program, coordinated by the Institute of International Education (IIE) Student Scholarship Applications - in the African Language Initiative, Washington, DC, USA. (January 2015 - March 2015).
- 2015 – Global Center for Food Systems Innovation Grant – Application Reviewer. Michigan State University (MSU) Global Center for Food Systems Innovation (GCFSI) is supported by the US Global Development Lab at the United States Agency for International Development (USAID).
- 2015 – Head Instructor – Oxen in the Blue Ridge. Workshop at The Blue Ridge Institute, Ferrum College. Ferrum, VA. June 12-14, 2015.
2015. Summer Family and Consumer Science – NH Bureau of Career Development, (FACS) Conference. Tour and Talk about UNH Dairy Farm and Milk Production in New England. July 9, 2015.
- 2015 – FIRST LEGO League and Junior FIRST LEGO League– Challenge Advisory Team Workshop – Challenge Topic : Animals. Presentation on “*Ways in Which Cattle are Raised in the United States for both Beef and Milk, Including Facilities and Technologies Used for Managing the Animals.*” March 5, 2016 See: <http://www.firstlegoleague.org/challenge#block-block-19> or for Drew Conroy’s role see the YouTube Overview of this International Competition.
https://www.youtube.com/watch?list=PLpaPRqT711tgdQIyR6u0z9QU84P5wrvjl&v=1TXqc_16vkE
- 2015-2016. Fall Mountain Career and Technical Education (CTE) Center, Program Advisory Committee (PAC) Member.
- 2016 Sanborn Mills Farm Draft Animal Convening- Strategic Planning to gather information from professionals working with draft animals to allow Sanborn Mills Inc. to assess the feasibility, direction, and scope of an educational program devoted to preserving the traditional knowledge of working with draft animals. August 25 & 26 Loudon, NH

- 2017 – Institute of International Education, U.S. State Department. Presenter as part of a one hour informational webinar about the Sub-Saharan Africa Fulbright Scholar Program and experience. March 28, 2017. See: https://www.youtube.com/watch?time_continue=2272&v=T0XubgHhGE
- 2017 – Coordinated a COLSA seminar and dialogue on “Wildlife Anti-Poaching and Anti-Trafficking” with 10 visitors to UNH from 7 different African countries in the International Visitor Leadership Program, financially sponsored by the U.S. State Department’s Bureau of Educational and Cultural Affairs, and hosted locally by the World Affairs Council of New Hampshire. September 29, 2017.
- 2018 – Manuscript Reviewer Rwanda Journal Series E: Agricultural Sciences:
 1) *Quantitative risk assessment of Salmonella illness through consumption of meat based meals in Kigali city inhabitants: a modular risk model.*
 2) *A Differential Equation Model of East Coast Fever Transmission Dynamics*
- 2018 – “Living History Museums and Oxen, Lessons Learned over 3 Decades.” Invited Presenter The Association of Living History Farm and Agricultural Museums (AHLFAM). New England Regional Conference. April 14, 2018.
- 2018 – *Equine Pasture Walk*. Worked with Elaina Enzien of UNH Cooperative Extension to coordinate and put on an educational outreach activity for farmers interested in improving their pastures for horses. 4M Farm, Deerfield, NH. June 21, 2018.
- 2020 - Technical agriculture reviewer for the selection of scholars in the AY2021-2022 Fulbright Egyptian Scholar Program by conducting the review of applications in the fields of Food Safety and Dairy Science. This was for the Binational Fulbright Commission in Egypt.
- 2021 - Chair – of the opening session in the virtual conference Draft Animals Past, Present and Future for the keynote presentations by Paul Starkey, of the University of Reading in England and Dr. Bertha Mudaburi, from the University of Namibia. May 8-9, 2021.
- 2021 One of the 7 panelists in the Global Panel Discussion concluding the 2 day conference. Draft Animals Past Present and Future, May 8-9, 2021. See: https://www.youtube.com/watch?v=n4aWqFT_QTs
- 2021 The Ohio State Agriculture Technical Institute (ATI) External Academic and Programs Review October 10-13, 2021. External Review Team
- 2021 – Livestock Breeds Conservancy Micro Producer Grant Selection Committee. <https://livestockconservancy.org/2022/01/20/2021-microgrants-awarded/>
- 2021 Research reviewer for a proposal on Evaluating Health and Welfare in Dairy Cattle; Mapping Behavioral, Endocrinological and Physiological Indicators for Veterinary/Dairy Science Fulbright Visiting Scholars Program for the Romanian -U.S. Fulbright Commission.
- 2021 Technical agriculture reviewer for the selection of scholars in the AY2022-2023 Fulbright Egyptian Scholar Program by conducting the review applications in the field of Dairy Science Agriculture. This was for the Binational Fulbright Commission in Egypt.
- 2022 – Switzer Environmental Fellowship –Switzer Fellowship Alumni Reviewer

of 2022 Applicants. Robert and Patricia Switzer Foundation.
<https://www.switzernetwork.org/become-fellow>

4-H and Youth Development – Agriculture

- ◆ New Hampshire 4-H Working Steer Curriculum Committee –1996-2000
- ◆ Yankee Teamsters – 4-H Club, Carroll County – Annual Presentations 1995-2000
- ◆ Merrimack County Oxbows – 4-H Club – Slide Presentation, February 1997
- ◆ 1997 - 4-H East – Keynote Speaker for 4-H’ers and parents attending. Title: “How 4-H Has Influenced My Life,” also coordinator for “Evaluating Hay”.
- ◆ Moosilauke Teamsters 4-H Working Steer Club – Haverhill, NH – Presentations/Workshops on February 5, and March 13, 1999.
- ◆ UNH - 4-H Livestock Camp – Educational Livestock programs for youth 1993-1997
- ◆ UNH - 4-H Working Steer Project Guidebook – Worked with Mackenzie Chauncey, UNH student in writing a new manual for the New Hampshire 4-H working steer program. Spring 1999.
- ◆ Kennett Regional High School, Wolfeboro, NH. Presentation on “*Animal Rights*” for the Senior Honors Program. February 7, 1999.
- ◆ 4-H – Tillers International Interview Committee. February 23, 1999.
- ◆ Keynote Speaker – “How 4-H Influenced My Life.” Step Forward with 4-H, 4-H Honors Evening, Merrimack County, NH – October 27, 2000.
- ◆ Chaperone/Instructor for 3 New Hampshire 4-H youth annually, at a one week Oxen Basics program at Tillers International, Kalamazoo, MI. 1996-2002.
- ◆ “*Forages, making pasture and hay a priority in livestock and equine diets.*” Speaker/Workshop Coordinator for UNH –4-H Teen Conference, June 27, 2003.
- ◆ UNH Cooperative Extension - 4-H Dairy Youth Quiz Bowl Official Judge March 12, 2005, in Belmont, NH
- ◆ Yankee Teamster 4-H Club – Keynote speaker at the club’s annual farmer appreciation night on March 12, 2005 in Wolfboro, NH
- ◆ Massachusetts – State FFA Convention – Judge for Presentations – March 14, 2005, Sturbridge, MA
- ◆ UNH – AgrowKnowledge – Career Exploration for Kids – 2005
- ◆ Dairy Cattle Judging Clinic for New Hampshire 4-H Dairy clubs – held at Norwich Farm, Norwich, VT April (2005 and 2006).
- ◆ Presented at the 3rd Annual Epping High School – Career Day – March 21, 2007
- ◆ Presented *Conservation Biology – Examples from Africa* – Somersworth, HS 2 - Biology Classes (March 12, 2009)
- ◆ Presented “*Oxen in Namibia*” at the Maine-NH 4-H Working Steer Dinner March 2009
- ◆ World Thinking Day – Presenter for Berwick Maine Girl Scout April 2009.
- ◆ Presented at the Liberty Mutual – Career Day Dover, NH (5 sessions 30 kids each)– April 23, 2009

- ◆ Diversity Day at Somersworth High School, Presenter “*Peoples and Cultures in Africa*” May 2010
- ◆ Presenter on *Animal Nutrition* at 4-H Animal Science Bonanza – UNH Cooperative Extension. January 12, 2013.
- ◆ 4-H Junior Demo Judge for County 4-H Activities Day – Strafford and Rockingham Counties, NH. March 9, 2013.
- ◆ “*Africa, Animals and Poaching.*” Helped students from Berwick Academy in South, Berwick, Maine prepare for a School/Faculty led trip to South Africa. (Feb. 6, 2014)
- ◆ Presentation and Talk about “*The Parallels and Contrasts of Life and School for students in Africa compared to the USA.*” for St. Elizabeth Seton School, Rochester, NH. Nov. 13, 2014.
- ◆ Demonstration, New Hampshire 4-H Animal Science Bonanza, New Hampshire Cooperative Extension, Walpole, NH, "Safely Handling Farm Animals", (January 11, 2014).
- ◆ “*Saying Yes, Can Open Many Doors*” Guest Speaker for the 85th Annual Convention Granite State Association of FFA. March 27, 2015.
- ◆ “*How Well Do You Know Your Forages?*” Presenter at the UNH Youth Dairy Expo, sponsored by the UNH Dairy Club for 4-H youth from New England. Nov. 7, 2015.
- ◆ “*Calf Care and Feeding.*” Presenter at the Brass Knobs 4-H Club Cumberland, Maine. January 28, 2017.
- ◆ Dairy Cattle Judging Clinic for New Hampshire 4-H Dairy clubs – Morrill Farm and Topline Farm, May 7, 2017.
- ◆ “*Feeding your 4-H Animals*” Presented at the Animal Science Bonanza to 4-H’ers from New Hampshire and Vermont. Walpole, NH January 20, 2018.
- ◆ “*The History of Livestock in New England*”. Presented to the Hillsborough County Shepards. New Boston, NH. February 11, 2018.
- ◆ UNH FFA Invitational Career Development Event. Sponsored by COLSA and the Thompson School of Applied Science. March 15, 2018.
- ◆ 2018 – Youth Dairy Expo at UNH. Presented *Forages and Animal Nutrition*, for New England 4-H youth, with the UNH Dairy Club. November 3, 2018.
- ◆ 2018 – New Hampshire, 4-H Day at UNH, Presented *4-H and Animal Science Careers*. December 1, 2018.
- ◆ 2019 – Animal Science Bonanza, New England 4-H youth. *Presented Reproduction and Artificial Insemination in Cattle*. Walpole, NH. January 12, 2019
- ◆ 2021 NH 4H Ag Ambassadors. On-Line Zoom Presentation: “*How my interests in animals & my NH 4-H project developed into a career and travel all over the world.*” January 16th

University Service Activities

- 1991 - Freshman Camp Faculty Day
- 1993 - UNH Reunion Weekend - 2 Dairy Farm Tours
- 1994 - 1999 - Faculty Advisor for Alpha Gamma Rho Fraternity
- 1996 - UNH Teen Conference, Durham, NH
- 1996 - UNH Faculty Host – Northeast ADSA/ASA Meeting , Portsmouth, NH

1997 - UNH Retired Faculty Association, Presentation “Using New Hampshire’s 100 Year old Practices in Third World Development.”

1997 - International Opportunities Week – Slide Presentation on Culture Night – Diversity in Africa.

1997 - Natural Resources Department Seminar – “Are Draft Animals an Indicator of Biodiversity on the Farm?”

1997 - College of Life Sciences and Agriculture Dean Search Committee member

1997 - Search Committee member – Animal Science Department, for Assistant Farm Manager

1997 - Search Committee member - Animal Science Department, for Assistant Professor of Dairy Management.

1990-1997 - UNH School to Farm Program for 1200 Elementary School Students - Workshop Presenter

1997- NH 4-H Foundation Annual Meeting – Presentation – “How New Hampshire 4-H Influenced my Life”.

1998-1999 - UNH Center for International Studies – Wrote the following articles for the Campus Newsletter

- ❖ Conroy, Drew. UNH ABROAD: AFRICA, Childhood Interest in Oxen Evolved into Draft Animal Research in East Africa,” CIE Newsletter, UNH March 1998.
- ❖ Conroy, Drew. “NSEP Funds Continuing Graduate Student’s Research in Tanzania,” CIE Newsletter, UNH, May 1999.

1998 - UNH Active Retirement Association – Slide Presentation on “The Maasai of East Africa” November.

1999- UNH – Advocates for Agriculture – Steering Committee Member

1999 – Emcee for UNH Dairy Day – A Cooperative Extension and Regional Dairy Program Educational Workshop.

2000-2001 Faculty Senate - University of New Hampshire Student Affairs Committee

2000-2002 – University of New Hampshire – Alumni Board of Directors

2001-2004- Faculty Senate - University of New Hampshire Vice Chair – Spring Semester, and Student Affairs Committee Academic Affairs Committee (2002-2003)

2001-2002 – University Awards Selection Committee

2001-2002 – Chair UNH Professional Standards Committee

2002 – COLSA Curriculum Review Committee

2002- Search Committee – Assistant Farm Manager – UNH Dairy Farm

2003- Provosts’ Program Review – UNH Equine Program

2003 –2004 Associate’s Degree Faculty Senate Task Force

2004-2006 – UNH President’s Programmatic Displacement Review Committee

2007 - Search Committee Member for a 4-H Livestock Specialist for UNH Cooperative Extension - August-October

2009-2011 - UNH Land Use Committee

2010 - Presenter – UNH Eco-Gastronomy Summer Program – for students from the University of Gastronomic Sciences in Pollenzo, Italy July 2010

2011 – President’s Panel on Internationalizing UNH – Co-Chair on Policies and

- Procedures.
- 2011 – UNH FITSI – Faculty Alumni Presenter at the Faculty Instructional Technology Summer Institute. June 17, 2011.
 - 2013-2015 - UNH Faculty Awards Selection Committee, (February 2013 - March 2015).
 - 2014 – Drew Conroy was the faculty host for a UNH Faculty Led Safari with the UNH Alumni Association. Special Institutional Assignment March 18-28, 2014. *****
 - 2014 – UNH Chapter Golden Key Fall Scholarship application reviewer.
 - 2014-2014 – University Curriculum and Academic Policies Committee
 - 2015 – UNH International Education Week. Presenter on a panel discussing research and teaching Fulbright opportunities for Students and Faculty.
 - 2015 – UNH Internationalization Forum. Creating an internationalized UNH 2020. April 15, 2015.
 - 2015. Keynote Speaker for UNH Golden Key Honor Society, New Member Recognition Event. November 16, 2015.
 - 2016-2019 – UNH IROP and SURF Abroad student research applicant review team. Hamel Center for Undergraduate Research. Hood House.
 - 2017-2019 – UNH Faculty Senate – Library Committee Member.
 - 2018-2019 – UNH Faculty Senate – Academic Affairs Committee Member
 - 2018-2019 – UNH Academic Technology Open Education Resources Ambassador – Wrote an OER Textbook and shared the process.
 - 2018 – Focus on Fulbright, presenter for UNH Research and Development Office. April 4, 2018.
 - 2018 – Faculty Panel Presenter on Open Education Resources, at the USNH Academic Technology Event, UNH Manchester. January 18, 2019.
 - 2018-2022 University Curriculum and Academic Policies (UCAPC) Committee
 - 2021 – UNH Office of National Fellowships, Fulbright US Student Program applicant reviewer.. Sept. 20, 2021.
 - 2021 – UNH Education Abroad Award Committee. UNH Global Education Center. Fall and Spring reviewer of student applications.

College of Life Sciences and Agriculture Service Activities

- 1990-2021 - Fall FFA Interscholastics/Dairy Judging Contest - Organized and conducted the annual event for 100-200 FFA students
- 1990 - Search Committee for Dairy Farm Manager w/Animal Science Dept.
- 1990 - Dairy Farm Open House - Tour Leader for Dairy Farmers
- 1990 - UNHCE - Campus Dairy Planning Meeting
- 1990 - Ad Hoc. Committee on Farm Animal Welfare and Public Perception
- 1991-1992 - UNHCE - Campus Dairy Planning Meeting
- 1991 - Proposal Review for Dept. of Natural Resources on a "Center for Environmental Conservation"
- 1991 - Coordinated a presentation on the use of Best Practices on Farmland
- 1991 – UNH - Animal Science Club Meeting - Presentation
- 1992 - 2016- Little Royal Livestock Show Planning
- 1992 - W.K. Kellogg Integrated Farming Systems Proposal Review
- 1991 - UNH Alumni Meeting - Dairy Farm Tour

- 1994 - 1996 - Dairy Day at UNH for New England 4-H Groups
- 1999 – UNH – New England Dairy Program Travel - Chaperone and presenter for New England Dairy Students on a four-day intensive dairy course, during Christmas break.
- 2004– COLSA Deficit Reduction Task Force
- 2007 - Served on the COLSA Dean Search Committee from July-January
- 2007- UNH Organic Dairy Farm service includes attending the NODPA Field Days in August for the Organic Dairy Farm, attending meetings related to fund raising for the organic farm, and working on an academic plan for the organic farm with Dr. Peter Erickson, as well as answering numerous inquiries and questions for the Organic Dairy Farm Steering Committee.
- 2007- USDA CSREES – UNH Visit/Review – Fairchild Dairy Teaching and Research Center
- 2007- Animal and Nutritional Science Department I took the UNH Students on the New England Dairy Travel Course (1 credit course) for 5 days to **Quebec, Canada.** when Dr. Pete Erickson was ill and unable to take his students to Canada for this course. January 8-12, 2007.
- 2009 - Farm Tours and Meetings with numerous speakers with the COLSA Sustainable Agriculture Speaker Series
- 2010 – 2012 COLSA Sustainable Agriculture and Food Systems (SAFS) Steering Committee
- 2010 - Search Committee for COLSA – 7 - Faculty Positions in : Agroecology, Plant Pathology-Plant Microbe Interactions, Specialty Crop Improvement, Soil Fertility and Biogeochemistry (Spring 2010)
- 2010-2011 – UNH Fairchild Dairy Center Advisory Committee
- 2010-2011 – UNH Burley-DeMerritt Organic Farm Advisory Committee
- 2011 – UNH – ASAS/ADSA Northeast Student Affiliate Annual Intercollegiate Competition – UNH Co-Host with Pete Erickson. February 12.
- 2013-2018 - Sustainable Agriculture and Food Systems Steering Committee, Committee Member, Appointed. (June 2013 - May 2018).
- 2013-2014 Associate Dean of Faculty and Strategic Partnerships, Committee Member, Appointed. (December 2013 - January 2014).
- 2013 NHAES - Multi-Trophic Farm Planning and Development, Committee Member, Appointed. (January 2013 - December 2013).
- 2014 – 25th Anniversary and Research Field Day, Fairchild Dairy Teaching and Research Center. Tours, Talks and UNH CREAM Presentations. October 29, 2014.
- 2014 – Animal Science Lecturer – Search Committee. Department of Biological Sciences. October-December 2014.
- 2015 – COLSA Thompson School Repositioning/Implementation Committee.
- 2018-2019 - COLSA Faculty External Awards Committee
- 2018-2019 – Faculty Senate Representative to COLSA Executive Committee

Department/Unit

Thompson School Service Activities

- 1990 - Search Committee for Assistant Director

1990 - Promotion & Tenure Committee at TSAS
 1990-2016 - TSAS Open House
 1990-2016 - TSAS Admitted Students Day
 1992-1994 - Advisor for TSAS Student Executive Council
 1993 - TSAS Homecoming Brunch
 1996-1997 – Thompson School (TSAS) Promotion and Tenure Committee
 2000-2001 – TSAS Promotion and Tenure Committee
 2004-2005 – TSAS
 1) Long Range Planning and
 2) Promotion and Tenure
 2006-2007 - TSAS
 1) Curriculum Committee.
 2) Long Range Planning
 3) AAS Programmatic Review – written materials and met with
 outside reviewers
 2009 - TSAS Youth Summer Day Camp - Large Animal component July 20-21,
 2009 - TSAS Lecturer Small Animal Search Committee (Chair -Fall 2009)
 2009-2010 -TSAS
 1) Curriculum Committee
 2) Marketing to Traditional Students Committee
 2010-2011 – TSAS Web Advisory Group
 2012-2013- TSAS
 1) Awards and Scholarship Committee
 2) Ad Hoc Committee Web Liasons
 2013-2014 - TSAS
 1) Awards and Scholarships Committee
 2) Marketing and Website Committee
 2015 – TSAS - Civil Technology, Surveying Lecturer Search Committee. August.
 2015 – UNH Junior Visit Day. Thompson School Representative.
 Sunday May 3, 2015.
 2016-2017 – TSAS
 1) Awards and Scholarship Committee
 2) Executive Committee
 3) Faculty Affairs Committee
 4) Lecturer Promotion Committee
 5) Sesquicentennial Planning Committee
 1990-2020 - UNH Dairy Club, Faculty Co-Advisor.
 2012-2018 – Program Chair and Advisor for Integrated Agriculture Management
 students.
 2017-2019 – Thompson School Awards Committee member
 2018-2019 – Undergraduate Program Coordinator Applied Animal Science

Agriculture, Nutrition and Food Systems Department

Program – AAS, Animal Science and Sustainable Agriculture and Food Systems

2019-2022 – Advisor and Coordinator of Applied Animal Science

2019-2022 – Undergraduate Program Coordinator – Applied Animal Science
2010-2022 - Sustainable Agriculture and Food Systems (SAFS) Steering
Committee

Additional Areas of Professional Service and Development

1989 - Barn Planning, Design, and Building at Sterling College
1990 - Agriculture Ambassador for NH Dept. Of Agriculture
1990 - Judged the State 4H Working Steer Show, Stratham Fair
1990 - Judged the Rochester Fair 4H Beef Show (Rochester, NH)
1991 - Judged the Cheshire Fair 4H Oxen Show (Keene, NH)
1992 - Judged 4H Working Steer Show, Stratham Fair (Stratham, NH)
1992 - Nov/Dec – Drew Conroy - Featured in Countryside Magazine
1993 - Judged the Open Oxen Show at the Lancaster Fair (Lancaster, NH)
1993 - Sept. Issue - Drew Conroy - Featured in Smithsonian Magazine
1994 - April/May - Featured in Mother Earth News
1994 - Travel to Kansas, to participate with oxen in a PBS Documentary
“*In Search of The Oregon Trail*”, first aired on PBS Nationwide in 1995.
1994 - Judged the State 4H Working Steer Show, Stratham Fair (Stratham, NH)
1994 - Judged the 4H Oxen Show, Cheshire Fair (Keene, NH)
1994 - Judged the Open Oxen Show, Lancaster Fair (Lancaster, NH)
1995 - Judged 4H Working Steer Show, Merrimack County Mini Fair
1996 -Harvest Day Milking Devon Show Judge – Canterbury Shaker Village
1997 -Harvest Day Presentation– Canterbury Shaker Village
1997 - Assisted with 4H Working Steer Show at Rochester Fair
1997-1998 – Judged the 4-H Working Steer Show, Cheshire Fair (Keene, NH)
1999 - Judged the Open Oxen Show, Cornish Fair, (Cornish Maine)
2000 - Judged the 4-H Working Steer Show Fryeburg Fair (Fryeburg , ME)
2000 – Judged Hopkinton Fair Open Ox Show (Contoocook, NH)
2000 - Judged the 4-H Working Steer Show, Rochester Fair (Rochester, NH)
2000 -2002 Judged the Open Beef Show at the Skowhegan Fair (Skowhegan, ME)
2000-2021 - Deerfield Fair – Judged State FFA Dairy Cattle Judging Contest –
End of October annually
2001 – Judged State 4-H Working Steer Competition (Hopkinton, NH)
2001 – Judged Lancaster Fair Open Ox Show (Lancaster, NH)
2001 – Judged the 4-H Dairy Show Deerfield Fair (Deerfield, NH)
2001 - Judged the 4-H Working Steer Show Fryeburg Fair (Fryeburg , ME)
2002 - Judged Hopkinton Fair Open Ox Show (Contoocook, NH)
2002 – Judged 4-H Dairy Show, Hillsboro County 4-H Fair (New Boston, NH)
2002 – Judged FFA Dairy Show at the Deerfield Fair (Deerfield, NH)
2002 – Judged the 4-H Working Steer Show Fryeburg Fair (Fryeburg , ME)
2002 – Judged the 4-H Dairy Show Sandwich Fair (Sandwich, NH)
2003-2005 – Judged the 4-H & Open Beef Shows at Acton Fair, Maine
2003 – Judged the 4H & Open Swine Shows at Hopkinton Fair (Contoocook, NH)
2003 – Judged the 4-H Dairy Show at New Boston Fair (New Boston, NH)
2003 – Judged the 4-H & FFA Dairy Shows at Deerfield Fair (Deerfield, NH)

2003 – Judged the 4-H Working Steer Show at the Eastern States Exposition (West Springfield, MA) 3 days

2003-2005 – Ox Drivers Workshops – NH Farm Museum and Remick Country Doctor's Museum and Farm. Late October each year.

2004 – 2005 Judged the 4-H Working Steer Show Fryeburg Fair (Fryeburg, ME)

2005 – Judged the Open Ox Show at the Lancaster Fair (Lancaster, NH)

2005– Judged the 4-H Dairy Show at New Boston Fair (New Boston, NH)

2005-2016- Coordinate an Industry sponsored artificial insemination course with GENEX for students and farmers January each year

2006– Instructor for Logging with Oxen, Sanborn Mills Farm, Loudon, NH November 3-5, 2006.

2007 – Instructor for Oxen Basics for Teamster and Team. Sanborn Mills Farm. Loudon, NH. August 18-19, 2007

2009 – Instructor for Oxen Basics for Teamster and Team. Sanborn Mills Farm. Loudon, NH. August 1-2, 2009.

2009 - Judged Lyndonville Fair 4-H Beef and Dairy Shows, (Lyndonville, VT)

2009 – Judged 4-H Beef Show Acton Fair (Acton, Maine)

2009 – Judged Open Ox Show, Hopkinton State Fair (Contoocook, NH)

2009 – Judged the Ox Show Cumberland County Fair (Cumberland, ME)

2009 – Judged 4-H Working Steer Show Fryeburg Fair (Fryeburg, Maine) 2 days

2009 – Instructor for Logging with Oxen, Sanborn Mills Farm, Loudon, NH October 30-November 1, 2009.

2010 – Instructor for Oxen Basics for Teamster and Team. Sanborn Mills Farm. Loudon, NH. August 7-8, 2010.

2010 – Judged Beef and Dairy Shows Lyndonville Fair (Lyndonville, VT) 2 days

2010 – Judged Open Ox Show, Skowhegan Fair (Skowhegan, Maine)

2010 – Judged 4-H and Open Dairy Shows Acton Fair (Acton Maine)

2010 – Judged Open Ox Show Lancaster Fair (Lancaster, NH) 4 days

2010 - Judged Working Steers, Maine State 4-H Show (Windsor, Maine)

2010 – Judged Regional 4-H Working Steer Show, Eastern States Exposition, (West Springfield, MA)- September 25-27, 2010.

2010 - Judged Open Ox Show, Fryeburg Fair (Fryeburg, Maine) 2 days

2011 – Judged State 4-H Working Steer Show – Chesire Fair (Keene, NH)

2011 - Judged Beef, Dairy and Ox Shows Caledonia County Fair (Lyndonville, VT), August 25-26

2011 Judged 4-H Dairy Show, Acton Fair, Acton, ME August 27

2011- Judged Open Ox Show, Lancaster Fair, Lancaster, NH September 3-6

2011 – Judged Eastern States Exposition, West Springfield, MA - Regional Youth Working Steer show. September 25-27

2011 – Judged State FFA Dairy Show Deerfield Fair - Deerfield, NH October 1

2011 - Judged Open Ox Show, Fryeburg Fair - Fryeburg, Maine, Oct. 6-7.

2011 – Instructor - Logging with Oxen Workshop, Sanborn Mills Farm. Loudon, NH October 28-30, 2011.

2012 – Instructor Oxen Basics for the Teamster and Team. Sanborn Mills Farm. Loudon, NH August 4-5, 2012.

- 2012 - Instructor Oxen Basics for the Teamster and Team. Sanborn Mills Farm. Loudon, NH August 4-5, 2012
- 2013 - Judged Open Ox Show Lancaster Fair (Lancaster, NH) August 31-Sept. 2, 2013.
- 2013 – Judged Open Ox Show at the All American Dairy Show. Harrisburg, PA. Sept. 7-8, 2013.
- 2013 - Instructor Oxen Basics for the Teamster and Team. Sanborn Mills Farm. Loudon, NH August 9-11, 2013
- 2013 – Instructor - Ox Logging Workshop. Sanborn Mills Farm. Loudon, NH. October 25-27, 2013.
- 2014 – A Lost Legacy, Pulling Power from the Past. Dairy Oxen Demo at the Pennsylvania Farm Show. January 7, 2014.
- 2014. –Announcer - Oxen Demonstration. Pennsylvania Farm Show. January 7, 2014.
- 2014 - Instructor Oxen Basics for the Teamster and Team. Sanborn Mills Farm. Loudon, NH August 8-10, 2014.
- 2015 - Announcer - Oxen Demonstration. *“A Lost Legacy, Pulling Power from the Past.”* Pennsylvania Farm Show. January 13, 2015.
- 2015 - Instructor Oxen Basics for the Teamster and Team. Sanborn Mills Farm. Loudon, NH August 1-2, 2015
- 2015 - Judged Open Ox Show, Fryeburg Fair - Fryeburg, Maine. October 7-8.
- 2017 - Judged Open Ox Show Lancaster Fair (Lancaster, NH) Sept.1-4, 2017.
- 2018 – Judged State 4-H Working Steer Show – Chesire Fair (Keene, NH)
- 2018 – Judged the State Fair of Virginia Dairy Show and Eastern National American Milking Devon Show. Doswell, VA. September 29-30th
- 2019 – Judged 4-H Swine Show, Belknap Fair, Belmont/Laconia, NH
- Judged 4-H & Open Dairy Shows at Acton Fair, Maine. August 23rd.
- Judged Open Ox Show – Union Fair, Union Maine. August 24th
- 2021 - Judged 4-H Swine Show, Belknap Fair, Belmont/Laconia, NH, August 8th
- Judged Acton Fair 4-H and Open Dairy Show, Acton , Maine August 27th
- Judged 4-H and Open Ox Show – Union Fair, Union Maine. August 28th

Community/Public Service

- 1990-1996 - School To Farm Days at UNH, 3 days with 900+ local third and fourth graders
- 1990, 1992, 1994 - Presentation at Country Days in Lee, NH
- A public event drawing in hundreds of people to view agriculture.
- 1990-1991 - FFA Dairy Products Contest, Official Judge
- 1990-1992 - N.H. Farm Museum, Coordinated "Oxen Day"
- 1990-2000 - Conducted workshops, participated in, and assisted in many 4-H dairy and working steer events in New Hampshire and New England.
- 1990 - Participated in a Meeting for people involved in Agriculture and Tourism, held at the NH Dept. of Agriculture
- 1991 - Participant in Vermont's Bicentennial Heritage Journey
- 1996 - Slide Presentation at the Berwick, ME, Historical Society - Spring Meeting
- 1998 – Slide Presentation – “Life with the Maasai” – Learning to Grow Daycare,

- Lee, NH
- 1999 – Featured on New Hampshire Crossroads – New Hampshire Public Television Documentary, “*Drew Conroy, Global Oxen Expert.*”
- 2000 - Twin State Journal – WNTK Radio – Lebanon, NH – One hour live Interview about Oxen, A Teamster’s Guide and Oxen in New England. May 2000.
- 2000 - *Agriculture in the Park*, Ordway Park, Hampstead, NH
Demonstration – Oxen’s Role in New Hampshire’s History.
- 2000-2001 NH Farm Museum – Plow Day Volunteer – May 2000
- 2000 NH Farm Museum – Old Time Farm Day Volunteer – August 2000
- 2001- Moharimet School – Madbury, NH, Volunteered with oxen for 4th grade Maple Sap House Project January 2001 (Featured in April on NH OUTLOOK, on New Hampshire Public T.V.).
- 2001- Newmarket Historical Society – “*Oxen in Early New England*” September 2001.
- 2002 – Barrington Historical Society, “*Oxen, today and yesterday, around the world.*” May 2002.
- 2002 – “*Africa – Problems and Possible Solutions through Education and Research.*” Great Bay-Durham Rotary International – Durham, NH. September 2002.
- 2003 – “*Using New Hampshire’s Centuries Old Technology with Draft Animals Today,*” New England Carriage Society, Newton, NH – February 2003
- 2003 - “*Oxen in New England.*” for Washington Historical Society –June 9, 2003
- 2003 – “*Travels with a Maasai Warrior and Other Tales from Tanzania.*” for Durham, NH Public Library –March 2003
- 2004- Vital Communities – “Great Train Adventure” – Luncheon Speaker on New England Agricultural History - September 18, 2004 Newbury, VT
- 2004 - “*Oxen in New Hampshire*” Presentation to a third grade class studying local history. Deerfield. NH- Elementary School –October 19, 2004
- 2005 - New London Historical Society – “Oxen, Here, There and Everywhere,” – February 24, 2005
- 2009 - Wentworth Home, Dover NH – UNH Speaker’s Bureau – “*A Year in Namibia*” June 2009
- 2009 – UNH Speaker’s Bureau – “*A Year in Namibia.*” Wentworth Home, Dover NH June 2009
- 2009 – Small Farms Conservancy – Invited Discussion Group – On Farm Education and Farmland Preservation. Sanborn Mills Farm. Loudon, NH
- 2009 - “*Africa, a year of travel adventure and wildlife,*” Lunch and a Lecture – October 8th - UNH TSAS hosted Chesnut Gardens Apartments for Lunch (for the elderly)
- 2009 - “*A Year working with Farmers, Students and Livestock in Namibia, Africa*” Presentation: for the Hillsboro County Farm Bureau Annual Meeting, in Milford, NH on October 16th
- 2009 - “*A Year Long Adventure with Cattle and Farmers in Namibia*” Presentation: for the 88th Annual Meeting of the New England States Holstein Association, in Durham, NH on October 24th

- 2009 - *"A Year in Namibia, Agriculture in Africa."* Presentation for York County Maine Cooperative Extension Association, Sanford, ME. November 18th.
- 2010 – Mother Earth News Radio – Radio Show: All About Oxen (Drew Conroy's segment), American Livestock Breeds Conservancy, YMCA of the Rockies And Planning a Butterfly Garden. August 11, 2:43 PM
- 2011 – Biodiversity and Conservation in Africa. Guest lecture for Somersworth New Hampshire High School Biology Class. April 9, 2011.
- 2012 – "From Weare to the World. Program" Presenter at The Weare Agricultural Commission's Third Annual Potluck at Wildwood Farm. March 10, 2012. Weare, NH.
- 2012 – *"On Safari with Dr. Drew."* Presentation to the Girl Scouts of Troop 10824, Rochester, NH. April 12.
- 2015 – Guest Speaker for the Carroll County (NH) Farm Bureau Annual Dinner and Meeting. Held at Province Lake Country Club, Parsonfield, Maine.
- 2016 – Strawberry Banke Fall Festival, Oxen Demonstration, Portsmouth, NH October 8, 2016
- 2018 – *"Oxen, the Often Forgotten Domestic Animal"*, Presentation to the Weare Historical Society, Weare, NH on October 19, 2018.
- 2019 – New Hampshire's Fall and Children's Author Festival, *"The Ox Cart Man Turns 40."* Strawberry Banke, Oxen Demonstration, Portsmouth, NH October 8, 2016

Conferences/Workshops Attended

- 1988 - Back Country Medicine, VT
- 1990 - Northeast Winter Dairy Management School, VT
- 1990 - New Hampshire Milking Equipment Conference
- 1990 - Evaluating and Responding to Student Writing – UNH
- 1990-1999 – New Hampshire Milking Equipment Conference
- 1991 - Academic Careers at UNH
- 1991 - Low Input/Sustainable Agriculture - Dairy Seminar, VT
- 1991 - Extension In-Service Training School in Milk Marketing, VT
- 1991 - Dairy Herd Management Clinic - UNH
- 1991 - New England Young Farmer Leadership Conference, NH
- 1991 - Granite State Dairy Promotion, Annual Meeting
- 1991 - Handling The Headlines - Farmer PR, Farm & Forest Expo
- 1991- New Hampshire Milking Equipment Conference
- 1991 - Massachusetts PDCA Dairy Cattle Judging School, MA
- 1992 - UNHCE - Pesticide Applicator Training
- 1992 - Northeast Winter Dairy Management School, MA
- 1992 - Dairy Record's Specialist Conference, Cornell
- 1993 - COMMUNICATING: Tools for Today & Tomorrow - UNH
- 1993 - Northeast Winter Dairy Management School, NH
- 1993 - Forage Crop Production & Utilization, UMO Interactive TV
- 1993 - The Use of Residuals on Farmland: Opportunities, Responsibilities, Risks
- 1993 - American Minor Breeds Conservancy: NE Annual Meeting, MA
- 1993 - 1999 New England Feed Conference, NH

1994 - New England's Creatures: 1400-1900, Dublin Seminar, MA
 1994 - Municipal Sludge Conference: Land Application in NH
 1994 - American Livestock Breeds Conservancy: NE Annual Meeting, VT
 1994 - NE Branch of American Society of Agronomy, Montreal, Canada
 1995 - Basic AutoCAD – Level 1
 1995 - Introducing ArcCAD
 1996 - Natural Step Seminar - AA Framework for Sustainability, NH
 1998 - Bovine Lameness Symposium at the North American Veterinary Conference in Orlando, FL.
 2000-2001 Annual New England Feed Conference, Lebanon, NH
 2001- American Dairy Science Association and American Society of Animal Science Annual Meeting, in Indianapolis, Indiana. July 2001.
 2001 – 24th American Livestock Breeds Conservancy Annual Meeting with the Small Farm Trade Show in Columbia, MO. Nov. 2001.
 2002 – 1st Annual Robotic Milking Conference, Toronto, Ontario Canada. March 2002.
 2002 – 6th Thematic Workshop of the Animal Traction Network for Eastern and Southern Africa (ATNESA) held at Jinja, Uganda. May 2002.
 2002 - American Dairy Science Association, American Society of Animal Science and Canadian Association of Animal Science Annual Meetings, in Quebec City, Quebec, Canada. July 2002.
 2002 – Northeast Organic Farmer's Annual Summer Conference-Amherst, MA. August 2002.
 2003 – Attended, the conference, "*Beyond the Arch – Community and Conservation in Greater Yellowstone and East Africa*" and submitted a paper (not accepted for presentation) on **Maasai Agriculture and Wildlife in Tanzania** – for the Seventh Annual Scientific Conference on the Greater Yellowstone Ecosystem. October 6-8, 2003.
 2004 – FacMap – UNH ArcGIS and GPS workshop – 7 days in January
 2005 – AgrowKnowledge – Agroterrorism Workshop, July 2004 Cedar Rapids, IA
 2005 – Math, Science and Technology – Animal Environment Workshop – Sponsored by AgrowKnowledge, at the College of Southern Idaho, Twin Falls, ID July 2005
 2007 – Attended the 2nd Annual NH Forage and Grazing Conference – 3/9/07
 2007 – Attended the 31st Annual NH Dairy Management Conference - 3/15/07
 2009 – Attended NH Dairy Management Conference – Lebanon, NH - 3/19/09
 2009 – "Farming For Carbon in New England. Food and Fuel Policy and Applications." Day Long program sponsored by UNH Cooperative Extension and NRCS June 12.
 2010 – Attended the 34th Annual New Hampshire Dairy Management Conference. 3/18/10
 2010 – Cornell University, Veterinary Large Animal Symposium- April 3.
 2011 - Attended 35th NH Dairy Management Conference – Lebanon, NH – 3/17/11
 2011 – USNH Academic Technology Institute – June 22-24. Sponsored by the

- USNH Long Range Technology Plan. Hosted by Granite State College in North Conway, NH.
- 2012 - "Restoring Grazing Lands In-Service training for Ag. Professionals", USDA-NRCS and NH Cooperative Extension, Concord, NH. (Feb. 2012).
- 2012 – Attended the Herd Health and Dairy Nutrition Conference – West Lebanon, NH. April 5
- 2012 - "Sustainable Agriculture and Food System Reform - Webinar", The Robert and Patricia Switzer Foundation. (April 2012).
- 2012 – ARPAS Continuing Education Program, "Webinar - Preventing and Treating Ketosis in Dairy Cattle", Hoard's Dairyman. (February 2012).
- 2012 – ARPAS Continuing Education Program, "Webinar - Evaluating Feed Additives", Hoard's Dairyman. (April 2012).
- 2012 – SYPOS-E-UM, An Open Forum on eUNH. May 9th.
- 2012 - Tutorial, "Short Term International Program Administration", United Educators - Insurance Company www.ue.org. (February 2012).
- 2012 - "Understanding Animal Handling", UNH Cooperative Extension, Concord, NH. (May 2012).
- 2012 - Attended the – American Dairy Science Association (ADSA), AMPA, ASAS, CSAS, WSASAS Joint Annual Meeting – Phoenix AZ. July 15-19
- 2013 – “NH Risk Management Workshop for Agricultural Professionals.” All day workshop in Concord, NH sponsored by UNH, USDA, FSA, and New Hampshire Dept. of Agriculture. January 10, 2013.
- 2013 - "Northeast Pasture Consortium Annual Conference", Northeast Pasture Consortium, Manchester, NH. (February 2013).
- 2013 - Seminar, "*Dairy Farming in the 21st Century: Adaptability and Resilience in New England*", UNH Thompson School, Durham, NH. (Nov. 2013).
- 2013 - Seminar, "ADVANCE IT - Search Committee Seminar", UNH ADVANCE, Durham, NH. (December 2013).
- 2014 - Continuing Education Program, "Cow welfare and farm size – opportunities and challenges", Hoard's Dairyman Webinar Series. (April 2014).
- 2014 - Conference Attendance, "Improving the Stakeholders Bottom Line", New Hampshire Agricultural Experiment Station, Manchester, NH. (February. 2014).
- 2014 – Continuing Education Dairy Herd Management Magazine Webinar “Successfully Milking with Robots – Feeding, Cow Flow and Farm Design.” August 29, 2014.
- 2015 - USNH Open Educational Resources and unConference. Concord, NH January 9, 2015.
- 2015- Proposal Writing Workshop for UNH Faculty. Co-hosted by the UNH Research office and UNH Advancement. May 5, 2015.
- 2015 – UNH Organic Dairy Farm – Research Field Day. November 4, 2015.
- 2016 – Rwanda Journal Series E: Agricultural Sciences Editorial Board and Scientific Writing Workshop. Sponsored by the University of Rwanda (UR), College of Agriculture, Animal Sciences and Veterinary Medicine. UR Headquarters, Kigali, Rwanda. May 16-18, 2016.

- 2016 – 7th Africa Agriculture Science Week (AASW) and Forum for Agriculture Research in Africa (FARA) General Assembly. Workshops, Scientific Presentations, and Field Trips to Agriculture related businesses. June 13-16, 2016. Kigali, Rwanda.
- 2016 – The Livestock Conservancy – National Conference – Hampshire College, November 3-5, 2016
- 2017 - "*First Living Case Study Webinar – Jibu Rwanda - Infusing Lessons Learned for Intelligent Scaling*". Participant Jan 18, 2017. Run by William Maddocks, Carsey Institute, UNH.
- 2017 – *Encouraging a Growth Mindset with Three Simple Tips*. Webinar program on Magna Publications.
- 2017 – Globalizing in Agriculture Conference. Penn State Global Ag. Teach, E-Conference. January 27, 2017.
- 2017 – *From Pasture to Table- Grass fed Livestock Production of Meat and Milk and it preparation- Their Effects on the Fatty Acid Composition and Human Health*. Northeast Pasture Consortium Annual Conference. Hagerstown, MD. March 2-3, 2017
- 2017 – 41st Annual Dairy Management Conference, West Lebanon, NH. March 16, 2017.
- 2018 - *2018 Dairy Outlook Webinar*- Dr. Mark Stephenson, University of Wisconsin. Sponsored by Farm Credit East. January 9, 2018.
- 2018 – *Making the Best Use of your Grass*. Granite State Graziers Annual Grazing Conference. Concord, NH February 17, 2018
- 2018 – UNH Writing Academy- Building a Scholars Life. May-August 2018.
- 2018 – American Dairy Science Association Annual Meeting - Integrating Dairy Science Globally. June 24-27, 2018. Knoxville, TN.
- 2019 – Could Grazing Be the Answer? Granite State Graziers, Annual Conference. February 16, 2019.
- 2020 - "*Transitioning a Black Swan to a Phoenix in the Global Dairy Industry.*" Real Science Lecture sponsored by Balchem, presented by Dr. David Kohl. Professor Emeritus, Virginia Tech. December 1, 2020. 1 ARPAS Continuing Education Unit (CEU) for professional Animal Scientists.
- 2020 – Real Science – Global Megatrends, Real Science Lecture, by Brett Stuart Global AgTrends. sponsored by Balchem corp. December 20, 2020. 1 ARPAS CEU for professional Animal Scientists.
- 2021 - Global Learning in Agriculture Week – GLAG 21. Participated in a week long virtual conference international conference focused on Teaching and Internationalizing Education in college and high schools. Run out of the Pennsylvania State University. February 8-12, 2021.
- 2021- "*DCHA Consumer Perceptions and Animal Welfare Considerations.*" Dairy Calf and Heifer Association. March 9, 2021. 12-1pm. Virtual Presentation. 1 ARPAS CEU for professional Animal Scientists.
- 2021 - New England Dairy Nutrition Conference March 11, 2021, Virtual Conference coordinated by Northeast Agribusiness and Feed Alliance. Approved for 4 ARPAS CEU's for professional Animal Scientists.

- 2021 – Draft Animals in the Past, Present and Future. Virtual Conference May 8-9, 2021. <https://kloster-lorsch.de/wp-content/uploads/2021/03/Schedule-final.pdf>
- 2021 – New England Agricultural Service Providers- In Service Training. “*Biosecurity plans and permitting during emergency disease outbreaks.*” by Julie Smith UVM and “*Animal Welfare Certifications*” by Don Hoenig, DVM. October 21, 2021.
- 2021 – *Forage Quality and the Modern Dairy Cow*. UNH Cooperative Extension Fall Forage Webinar Series. November 17, 2021.
- 2021 – *Forage and Cover Crop Research at UNH*. UNH Cooperative Extension. Fall Forage Webinar Series November 22, 2021.
- 2021 – *Managing Difficult Weeds*. UNH Cooperative Extension Fall Forage Webinar Series. December 1, 2021.
- 2022 - 26th Annual Vermont Grazing and Livestock Conference. January 20-22, 2022.