

Jeannette A. Moore, Professor

Department of Animal Science
North Carolina State University
Raleigh, NC 27695-762

Short bio: <https://jmoore.wordpress.ncsu.edu/short-bio/>

Education

Ph.D., Nutritional Sciences, minor in Animal Sciences, University of Arizona, Tucson. 1987.

M.S., Animal Sciences, University of Arizona, Tucson. 1983.

B.S., Animal Sciences, California State Polytechnic University, Pomona. 1980.

Exchange student: Massey University, Palmerston North, New Zealand. 1979.

Employment

Title = Alumni Distinguished Undergraduate Professor; Rank = Professor

Jeannette Moore served in the Animal Science Department at North Carolina State University from 1990 until retirement in 2024 and was the Director of Undergraduate Programs for the department from 1997 to 2013, at which time the duties were distributed among three people. She earned the title of Alumni Distinguished Undergraduate Professor in 2008. Initially hired into a teaching and research post doc, she became a Visiting Assistant Professor in 1992, Assistant Professor in 1998, Associate Professor in 2004, and Professor in 2011. Appointment:

1992 to 1998 = 100% Academic

1998 to 2024 = 90% Academic (included administrative duties) and 10% Extension.

Employment History

August 1998 to July 2024:

North Carolina State University, Department of Animal Science: Director of Undergraduate Programs for Transfer Students 2013 to 2024; Undergraduate Teaching and Advising Coordinator 1998 to 2013. Title: Assistant Professor 1998 to 2004; Associate Professor 2004 to 2008; Alumni Distinguished Undergraduate Professor 2008 to present; Professor 2011. Appointment = 90% teaching and 10% Extension. Also Associate Faculty Member, Department of Population Health and Pathobiology (formerly the Department of Farm Animal Health and Resource Management) at the College of Veterinary Medicine. Teaching Responsibilities: ANS 012/PO 102, Animal Feeds and Nutrition (1992-1997 and 2007 to 2014); ANS 020, Introduction to the Livestock and Poultry Industries (1991, 1996 - 1999); ANS 101, Intro to the Livestock and Poultry Industries (2017 to 2023); ANS 110, Introduction to Equine Science (1998-2006); ANS 150, Introduction to Animal Science (2008 to 2022) and lab (ANS 151); ANS 230, Nutrition of Domestic Animals and lab (2000 - 2007); ANS 250, Applied Animal Nutrition and lab (1998); ANS 408, Small Ruminant Management and lab (co-developed; 2004-2019). Co-taught VMF/VMP 991G, Ruminant Nutrition selective at the CVM (1998 to 2013); taught 15% of VMA 965, Clinical Nutrition, at the CVM (2000-2004). Advising Responsibilities: Coordinated all departmental advising (>680 students; 20 advisors) 1997 to 2013. Faculty advisor for ~50 advisees (baccalaureate and associate degree students). Other Responsibilities: Coordinated scheduling of all Animal Science courses 1997 to 2013. Coordinated the annual Farm Animal Days event, which drew over 6,000 visitors during the three-day event (1992 to 2004). Chair of several committees. Served as faculty advisor for two clubs. Committee member/chair for several graduate students. Sabbatical, Fall 2008. Received the George J. and Rhoda W. Kriz Faculty Study Leave Endowment Award. Chair of the NCSU faculty 2015-2017.

July 1997 through July, 1998:

Undergraduate Teaching Coordinator (Interim), North Carolina State University, Department of Animal Science. Title = Visiting Assistant Professor, 100% teaching. Also Associate Faculty Member, Department of Food Animal and Equine Medicine (College of Veterinary Medicine, effective 1997). Teaching Responsibilities: As above plus ANS/NTR 516, Animal Nutrition Research Methods (1993 - 1997), NTR 590D, Ruminant Nutrition and Metabolism (1993 - 1997). Helped develop and co-teach Ruminant Nutrition block at the College of Veterinary Medicine (then numbered VMF 891G). Advising/Other Responsibilities: Same as above.

August 1992 to July 1997:

Visiting Assistant Professor, North Carolina State University, Department of Animal Science (100% teaching appointment). Teaching Responsibilities: As above plus ALS 103, Introductory Topics in the College of Agriculture and Life Sciences (1994 - 1996) and NTR 490, Nutrition Seminar (1993 - 1995). Advising Responsibilities: Advised ~40 undergraduate and Agricultural Institute students and two Masters students. Other Responsibilities: Coordinator of the Spend-A-Day-At-State Program for the College of Agriculture and Life Sciences. Coordinated the annual Farm Animal Days event.

August 1990 to August 1992:

Postdoctoral Research Associate, Department of Animal Science, North Carolina State University, Raleigh. Projects included: waste cotton as a feed resource for cattle and sheep; digesta kinetic estimates as affected by model and marker; performance of lambs fed varying levels of whole cottonseed; and projects under the Small Ruminant Collaborative Research Support Program (SRCRSP, funded by USAID). Co-taught ANS 020, Introduction to Livestock and Poultry Industries.

January 1988 to August 1990:

Postdoctoral Research Associate, Department of Animal Sciences, University of Arizona, Tucson. Responsible for an FDA Safety/Efficacy feedlot study for a new ionophore (laidlomycin), including supervision of field personnel and responsibility for record keeping. Conducted other trials with dairy cows and feedlot steers.

Teaching Philosophy

Two important attributes are enthusiasm and a passion for helping students learn, but respect is the bottom line of my teaching philosophy. It is important for educators to respect their students, but it is equally important for educators to earn the respect of their students. The full text of my teaching philosophy is online at:

<https://jmoore.wordpress.ncsu.edu/teaching-philosophy/>

Honorary Activities and Awards

Fellow, American Society of Animal Science (ASAS), 2021
ASAS Distinguished Teacher Award, 2020
NACTA Murray Brown Leadership Award, 2015.
Board of Governors' Award for Excellence in Teaching from CALS at NCSU, 2013.
NACTA Regional Outstanding Teacher Award, 2011
George J. and Rhoda W. Kriz Faculty Study Leave Endowment Award, Fall 2008.
Alumni Distinguished Undergraduate Professor, N.C. State University, 2008.
NACTA Teaching Award of Merit at N.C. State University, 2007.
Outstanding Teacher Award at N.C. State University, 2001
Inducted into the Academy of Outstanding Teachers at N.C. State University, 2001.
NACTA Teacher Fellow (national award), 2001.
CALS Outstanding Faculty Advisor Award, 1997/98.
Graduate of the N.C. Bridges Academic Leadership for Women Program, 1997.

Memberships in Professional Organizations and Honor Societies

Alpha Zeta
American Society of Animal Science (Fellow)
American Quarter Horse Association (lifetime member)
Gamma Sigma Delta
North American Colleges and Teachers of Agriculture (lifetime member)
North Carolina Forage and Grasslands Council
North Carolina Cattlemen's Association (lifetime member)
Phi Kappa Phi

Classes taught at N.C. State University

2017 - 2023: **Introduction to the Livestock and Poultry Industries** (ANS 101) - 3 credits. Two lectures per week; three lab sections. Required for Livestock and Poultry Management students (A.A.S. degree).

2008 - 2022t: **Introduction to Animal Science** (ANS 150) - 4 credits through 2009, then changed to 3 credits (1-credit lab separated out). Students learned the basics of animal nutrition, reproduction, genetics, and health. Hands-on experience in lab. Three lectures per week, four lab sections.

2008, 2012 - 2022: **Introduction to Animal Science lab** (ANS 151) Students gained hands-on experience with beef cattle, horses, swine, dairy cattle, sheep, and goats.

2004 - 2019: **Small Ruminant Management** (ANS 408) - 3 credits. Co-developed and taught 50 to 75% of the course; became 100%. Students learned basic management practices associated with owning and managing sheep and goats. Two lectures per week, two lab sections.

1992 - 1997, 2007 - 2014: **Animal Feeds and Nutrition** (ANS 012 / PO 102) - 3 credits. Principles of nutrition and applied feeding of livestock and poultry. Two lectures per week, two lab sections through 2007, then lab was removed and lecture was expanded. Required for Livestock and Poultry Management students (A.A.S. degree).

1995 - 2013: **Ruminant Nutrition at the College of Veterinary Medicine**. Co-developed and taught part of VMF/VMP 991G (was originally VMF 891G), Ruminant Nutrition, Spring. Also taught 15% of VMA 965, Clinical Nutrition, 2000 - 2004.

2000 - 2007: **Nutrition of Domestic Animals** (ANS 230) - 4 credits. Students learned the basics of animal nutrition, then applied the knowledge to practical feeding situations. Three lectures per week, four lab sections; required for Animal Science majors.

1998 - 2006: **Introduction to Equine Science** (ANS 110) - 3 credits. Students learned about horses and their role in society, equine terminology, breeds, management, genetics, reproduction, health, nutrition, behavior, and business aspects of the horse industry. Three lectures per week.

1991, 1996 - 1999: **Introduction to the Livestock and Poultry Industries** (ANS 020) - 3 credits. General livestock and poultry terminology and the basics of nutrition, reproduction, and genetics. Weekly field trips supplemented lecture and provided hands-on experience for beef, swine, poultry, dairy, sheep, and horse industries. Two lectures per week, three lab sections.

1998: **Applied Animal Nutrition** (ANS 250) - 3 credits. Students learned applied animal nutrition in lecture and received hands-on animal experience in lab. This course was incorporated into ANS 230 after 1998.

1993 - 1997: **Animal Nutrition Research Methods** (ANS/NTR 516) - 3 credits (1.5 hours of lecture and 4.5 hours of lab). Graduate students learned the importance of careful planning of projects, obtaining representative samples, and being careful in the lab. Hands-on experience was provided, and we also discussed experimental design and analysis.

1994 - 1996: **Introductory Topics in the College of Agriculture and Life Sciences** (ALS 103) - 1 credit (with four sections of 200 students per section; taught two sections). Freshmen learned about university and college procedures, clubs, career services, and computer use.

1993 - 1996: **Ruminant Nutrition and Metabolism** (NTR 590D) - 3 credits (lecture only). Graduate course developed by me and taught for the first time in Fall 1993. Students learned the details of ruminant nutrition and presented a journal article dealing with the topic being discussed at the time.

1993 - 1995: **Nutrition Seminar** (NTR 490) - 1 credit. Seniors and Juniors learned about career and graduate school opportunities, and how to critically evaluate research articles.

Peer Review of Teaching Evaluations

Peer Review of ANS 150 and ANS 151 (lab), *Introduction to Animal Science, Spring 2019*. Review team = Dr. Vivek Fellner and Dr. Xiaoqiu "Churchill" Wang. Excerpts:

"The overall consensus of the committee was that Dr. Moore demonstrated excellent teaching skills with a good command of animal nutrition, animal behavior and animal performance. Dr. Moore employed various teaching tools that covered a variety of learning styles. Her lecture presentations included power point slides. She also used the white board and occasional demonstration of models as examples to reinforce concepts. Dr. Moore encouraged student participation by allowing them to share their pet experiences with the class. In addition, student engagement was heightened by sharing practical experiences as related to the topic. Lectures were provided to the students as outlines on the Moodle website. This allowed students to bring hard copies to class and make additional notes. Dr. Moore was punctual and created a cordial, welcoming environment in the class. This made it easier for students to be comfortable and forthcoming with questions during and after lecture. Labs were organized to bring students to various educational units for "hands-on" training. Based on the committees' assessment the labs were very informative, highly engaging and included several practical exercises. The information was well prepared and well delivered. Time spent at the educational units was effective and reinforced nutritional principles with management tools and decisions. Students seemed involved and the information gained helped further develop their practical nutrition skills."

"Overall, lecture topics were comprehensive and included topics related to the importance of animals to humans, nutrient digestion, animal behavior, genetics, waste management and food safety. Dr. Moore included several lectures on various animal species and invited guest speakers to give lectures in their area of expertise. As part of the lectures, a variety of supplemental learning resources were provided to the students on the course Moodle site. The course assignments were clear and fair. There were a total of 5 semester exams (including the final) for a total of 500 points. The rigor of the course was appropriate for a freshman level course. Student Comments: The committee met with all students for 15 minutes at the end of a scheduled lecture. Students were interviewed collectively and were posed questions regarding the quality of instruction and the overall instructor performance. The consensus of the students was that the quality of the

course and instruction was excellent and highly valuable. Students all agreed that the course assignments were practical and extremely valuable to their learning experience. Students also stated that the exams were fair and rigorous."

Peer Review of ANS 150, *Introduction to Animal Science, Spring 2010*. Review team = Dr. Mike Yoder (Chair), Dr. Char Farin, and Dr. Chad Stahl. Excerpts:

"Dr. Moore demonstrated an excellent teaching style, combining conventional and multimedia teaching aids in an appropriate balance so that students were effectively engaged without undue focus on the use of outside materials. This approach to teaching ANS 150 appeared to address each of the students' learning styles. The students appeared to enjoy this class, asked good questions and were willing to share freely their insight regarding the course. Prior to each class, teaching assistants placed course and departmental announcements on the white board notifying students of any activities and opportunities available to them. Dr. Moore arrived early for lectures, enabling her to begin class sessions on time. At the beginning of each class, Dr. Moore took time to reiterate the announcements. As a result, students indicated the announcements were very helpful. Students appreciated the fact that class both began and ended on time. Dr. Moore demonstrated expertise in the animal sciences presenting highly effective lectures, answering questions efficiently, and conducting a highly organized and effective course."

"The committee concluded the course effectively meets or exceeds its objectives. The instructor utilizes multiple resources and methodologies to provide high quality instruction. Committee interactions with students further suggest that students not only enjoyed the course but were challenged by it and believed they benefitted scholastically. Lastly, a high percentage of students stated that this course allowed them to develop a greater respect for and understanding of traditional farm animals and animal production practices."

Peer Review of ANS 110/ANS 071, *Introduction to Equine Science, Fall 2006*. Review team = Dale Miller (Chair), Dr. Shannon Pratt, and Dr. Paul Siciliano. Excerpts:

"Dr. Moore obviously knows a tremendous amount about horses and the horse industry – this was clearly demonstrated through well-planned classes. She has a great ability to cover the basics for students with little equine background, while making the class interesting and often entertaining for avid equine enthusiasts. Her easy speaking style, habit of repeating questions and good sense of humor allow Dr. Moore to communicate well with all the students.

Dr. Moore made extensive use of website links for information supporting her lecture materials. She also sent numerous e-mail messages to students outside of class about presented materials, upcoming tests, sample exams and related information. Her constant use of e-mail helped keep students connected and informed about the course. She also involved her teaching assistant in each lecture by allowing him to make announcements at the beginning of each presentation. The review team felt this responsibility improved student interaction with the teaching assistant and was beneficial to both parties. The teaching assistant posted his class notes online within 24 hours after each lecture to facilitate student learning.

Student feedback at the end of the course was consistently positive and supportive of the instructor and the course. Students commented on the use of video clips and the quality of instruction."

"Overall, Dr. Moore's use of multiple presentation techniques kept students interested and attentive to training materials. The use of short video clips was particularly effective. Students reacted positively to presented course material, the rigor of the course and to the instructor. Communication between Dr. Moore and the students was very good and past student evaluations confirm her teaching techniques are highly valued by our students.

Peer Review of ANS 230, *Nutrition of Domestic Animals, Spring 2003*. Review team = Dr. Scott Whisnant (chair), Dr. Bob Harrell, and Liv Sandberg. Excerpts:

"Dr. Moore did an outstanding job. The course is well regarded and considered useful by the students. The course rigor was considered appropriate by both the committee and by the students."

"Overall we rate Dr. Moore as excellent."

"The syllabus contained all necessary information and thoroughly described policies and procedures used in the course. Objectives and expectations were clearly stated. Schedules of lectures, laboratories and exams and quizzes were all provided."

"Dr. Moore is extremely well organized and provided students much more supplemental sources, such as her own notes and the notes taken by an undergraduate TA available online and also more feedback through progress reports than is typical for courses. In observed lectures, Dr. Moore used multimedia techniques including her own notes, websites from several sources and video clips for an effective combined presentation. In questioning, students stated that handouts were useful and the course website, particularly the notes from the undergraduate TA, was extremely helpful. They also appreciated the progress reports, which gave them a clear picture of their standing in the course. It was stated that Dr. Moore was happy to answer questions and availability outside of class was excellent."

"Both from the committee viewpoint and from student comments, the course covered all necessary content and had the appropriate level of rigor. Laboratory exercises fit well with and reinforced lectures. Students commented that they enjoyed the digestibility trial and felt it was beneficial.."

Peer Review of ANS 110, *Intro to Equine Science, Spring 2000*. Review team = Dr. Bob Petters, Dr. Bob Mowrey, and Dr. Kevin Rozeboom. Excerpts:

"ANS 110 is an excellent course offering and the Instructor, Dr. Jeannette Moore, is performing at an exceptional level. Dr. Moore is to be commended for her instruction in this course. Little advice can be offered by the committee for the improvement of instruction in ANS 110."

"Classroom Observations: Dr. Moore is very organized. It is very clear from her overheads and handouts exactly what the students need to learn. The material was presented at an even pace that was relatively easy to follow. The students were quiet because they were on task during the entire class period. The students were very interested in the material and tried hard to capture the essence of each topic. Dr. Moore made every effort to meet the students' needs during the class period."

"Student Comments: Every student comment was positive."

"Content and Coverage: Again, Dr. Moore is doing an excellent job with this course. The committee discussed the level of coverage and felt that some topics may be covered in more detail than appropriate for an introductory course. This was not a serious concern. Perhaps the faculty who teach horse courses might discuss the issue and be sure that it is resolved to their satisfaction."

Internships:

In addition to the courses I taught that were evaluated directly by students and peers, I also supervised ANS 492, External Learning Experience, and ANS 493, On-Campus Learning Experience, which have variable credit (1 to 3 credit hours per experience; maximum of 6 credit hours per student for any combination of ANS 492 and 493) from 1997 to 2013. I coordinated ANS 492 and 493 for the entire department, and I also served as a direct mentor for some of the students who were enrolled. A student would submit a draft version of the paper to his or her advisor; the student then made revisions and turned in the draft copy with the final paper for my final approval. As a direct mentor for some of the students, I help them locate off-campus internships (ANS 492) and I supervise undergraduates who serve as teaching assistants for my courses (ANS 493).

Graduate and Undergraduate Student Mentoring

Advised an average of 47 undergraduate students.

Graduate degrees* completed that I served as a committee member or chair for:

- 11 Master of Animal Science (10 as Chair)
- 2 Master of Nutrition, Animal Nutrition
- 3 Master of Science, Animal Science
- 1 Master of Extension Education
- 3 Ph.D., Animal Science

*Master of Science = thesis degree; Master of Animal Science and Master of Nutrition are non-thesis degrees.

Scholarly Activity in Curriculum and Course Development

2013: Co-created the new Veterinary Bioscience concentration in Animal Science

2010: Created the University Undergraduate Certificate in Animal Nutrition
(available on-campus and Distance Education)

2009: Co-created the new B.S./M.A.S. curriculum in Animal Science

2009: Co-created the new B.S./M.S. curriculum in Animal Science

2004: Co-created the new A.A.S. in Livestock and Poultry Management

2004: Co-created the new ANS 408 course (Small Ruminant Management)

1999: Co-created the new ANS 071 course (Introduction to Horse Science, for Ag Institute students)

1998: Co-created the new ANS 110 course (Introduction to Equine Science)

1995: Co-created the new VMF/VMP 991G course (Ruminant Nutrition Selective,
College of Veterinary Medicine)

1993: Created the new NTR 590D course (Ruminant Nutrition and Metabolism)

Editorial Board Service

Served as Ad Hoc reviewer for Elsevier's Small Ruminant Research manuscripts.

Served as Ad Hoc reviewer for the Journal of Animal Science.

1997-2006, 2012-2014: NACTA (North American Colleges and Teachers of Agriculture) Journal

1998-2001: Journal of Animal Science, Teaching Section

1995-1998: Journal of Animal Science, Pastures & Forages and Ruminant Nutrition sections

Professional Service - National and International

North American of Colleges and Teachers of Agriculture (NACTA)

Executive Committee 2007 to 2013 and 2014 to 2017. Membership Director 2015 to 2017. Co-Membership Director 2014 to 2015. President 2011 to 2012. President-Elect 2010 to 2011. Southern Region Director 2008 to 2010. Southern Region Director-Elect 2007 to 2008. Executive Committee and CAST Liaison 2003 to 2006. Teacher Recognition Committee 2002 to present (Chair 2005 to 2007). Publications Committee Member 1998 to 2006. Editorial Board Member, 1997 to 2006 and 2012 to 2014. NACTA Journal Award committee (and Media Review Committee) 1995 to 2005.

American Society of Animal Science (ASAS)

National ASAS Teaching and Undergraduate Education Committee, 2005 to 2009. Southern Section Teaching and Undergraduate Education Committee member 1998 to 2007 (Chair, 2006/2007). Public Information Committee member 1997 to 2001. Distinguished Teacher Award Committee member 1997 to 2004. Editorial Board for Teaching section, 1998-2001. Editorial Board for Pastures & Forages and Ruminant Nutrition sections, 1995-1998.

Council for Agricultural Science and Technology (CAST)

Board of Directors and NACTA Liaison 2003 to 2006.

National Block & Bridle Club (B&B)

Chair of Nominating Committee 2006 to 2008. President 2004 to 2006. Vice-President 2002 to 2004. Webmaster 1996 to 2002; National Editor 1998 to 2002.

Professional Service - North Carolina State University

University Level - North Carolina State University

University Standing Committee on Lifelong Faculty Involvement, Chair 2020 to 2022.
University Reappointment, Promotion, and Tenure Committee, 2017 to 2019.
Faculty Senate, 2010 to 2018. Chair-Elect 2014 to 2015; Chair 2015 to 2017.
University Budget Advisory Committee, 2014 to 2018.
Watauga Medal Committee, 2011, 2013-2014, 2015-2018.
Advisory Committee for Outstanding Teacher, 2013 to present.
General Education Program Review Subcommittee, 2013 to 2015.
Evaluation of Teaching Committee, 2010 to 2014.
Faculty Senate Academic Policy Committee, 2010 to 2014; Co-Chair 2011-2012 and 2013-2014.
Administrative Board of the Graduate School, 2010 to 2011.
University Standing Committee on Evaluation of Teaching, 2010 to 2014.
Study Abroad Scholarship reviewer 2004 to 2007.
Merit Scholar interviewer and folder reviewer, 1992 to 2007.
Undergraduate Research Symposium Committee member 1997 to 2006.
University Courses and Curricula Committee member, 1999 to 2005 (Chair 2002-2003).
Committee on Undergraduate Program Review, 2003 to 2004.
Council on Undergraduate Education member 2002 to 2003.
Campus Writing and Speaking Board member, 1997 to 1998.
Council on the Status of Women member, 1997 to 1999.

College Level - College of Agriculture and Life Sciences (CALs)

CALs Courses and Curriculum Committee member, 1998 to 2024; Chair 2021 to 2022.
CALs/CVM Food Animal Scholars Steering and Mentoring Committee, 2003 to 2022.
CALs Teaching Award Committee, 2014 to 2015.
CALs Educational Technology Fee Committee, 2013 to 2015.
College representative on the Faculty Senate, 2010 to 2014.
Coordinator of the Livestock major for the Agricultural Institute, 1997 to 2014.
Agricultural Institute Recruiting Committee, 2000 to 2009.
Agricultural Institute Policy Committee, 2001 to 2013.
CALs Open House Committee member, 1996 to 2015.
CALs Summer School Advisory Committee, 2009 to 2013.
CALs Academic Programs Advisory Committee, 2007 to 2009.
CALs Teaching and Advising Effectiveness Committee, 2006 to 2008 and 2013 to 2014 (Chair).
CALs Academic Computing Advisory Committee member, 1996 to 2007 (Chair 99/00)
College of Veterinary Medicine (CVM) Admissions Committee, 2007.
Riddick Building Renovation Committee, 2002 to 2007.
Gamma Sigma Delta, President of N.C. State University Chapter, 2002/2003.
CALs Scholarship Committee member, 1997 to 1998.
Coordinated Spend-A-Day-At-State Program for CALs, 1994-1997.

Departmental Level - Department of Animal Science

Director of Undergraduate Programs for Transfer & Study Abroad Students, 2013 to 2024.
Undergraduate Teaching and Advising (~650 students) Coordinator, 1997 to 2013 (Interim 1997/98).
Undergraduate Education Committee, 1997 to 2013 (Chair 1998 to 2013).
Animal Science new student orientation coordinator, 1997 to 2013.
Web Coordinator for the Department of Animal Science, 1994 to 2014.
Course and Classroom Scheduling Officer for the Department of Animal Science, 1997 to 2013.
Beef Intern selection committee member, 1999 to 2019.
Faculty Search Committees (more than five)
Swine Intern selection and coordinating committee member, 1992 to 2006.
Farm Animal Days Committee (Chair), 1992 to 2004.
Faculty advisor for the Animal Science Club, 1992 to 2004.
Faculty advisor for the Rodeo Club, 1995 to 2003.
Scholarship Committee (Chair), 1997/98.

Extension/Outreach Activities

Assisted with statewide Livestock Agent Training; Past co-coordinator of hands-on workshops for women in the cattle business; Serve as an official judge at the State 4-H Dairy Quiz Bowl contest; Presented at goat producer association meetings; Presented at cattlemen's association meetings; Presented at youth livestock Skillathon workshop; assisted as needed with other projects.

Publications - Abstracts and Teaching Tips

- Pickworth, C.L. and J.A. Moore. 2017. Experiential Learning in Animal Science. NACTA Journal Vol. 61, Suppl. 1:22 (Abstr.)
- Siciliano, P.D. and J.A. Moore. 2016. Online management of Experiential Learning Process and Grading. NACTA Journal Vol. 60, Suppl. 1:9 (Abstr.)
- Poole, D.H., S.E. Lyons, and J.A. Moore. 2015. Changes in student perception of food animal agriculture following discussion of controversial topics. NACTA Journal Vol. 59, Suppl. 1:60 (Abstr.)
- Poole, D.H. and J.A. Moore. 2014. Student perceptions of food animal agriculture issues before and after interactive discussions on challenging topics. NACTA Journal, Vol. 58, Suppl. 1:58 (Abstr.)
- Shaeffer, A.D., J. A. Moore, S. R. Freeman, M. L. Alley, M. H. Poore, and M. J. Kistler. 2012. Building confidence, skills and leadership of women cattle producers. J. Anim. Sci. Vol. 90, Suppl. 1:33 (Abstr.)
- Shaeffer, A.D., M.H. Poore, M.J. Kistler, J.A. Moore, and M.L. Alley. 2011. Building confidence and skills of female livestock extension agents. J. Anim. Sci. Vol. 89, E-suppl. 2:36 (Abstr.)
- Moore, J. and K. Esbenshade. 2008. Helping advisors: one way to retain students. NACTA Journal Vol. 52, No. 2:99 (Abstr.)
- Moore, J.A., W. L. Flowers, and R.L. McCraw. 2008. Species preference of incoming animal science freshmen at North Carolina State University. J. Anim. Sci. Vol. 86, E-suppl. 2:99/J. Dairy Sci. Vol. 91, E-Suppl. 1:99 (Abstr.)

- Moore, J.A., W. L. Flowers, and R.L. McCraw. 2008. Changes in species preference reported by animal science graduating seniors at North Carolina State University. *J. Anim. Sci.* Vol. 86, E-suppl. 2:99/*J. Dairy Sci.* Vol. 91, E-Suppl. 1:99 (Abstr.)
- Flowers, W.L., C.R. Parkhurst, J.A. Moore, C.S. Whisnant, S.L. Pardue, and C.M. Williams. 2007. Food Animal Scholars Program: an early selection program for undergraduates at North Carolina State University interested in pursuing a career in veterinary medicine working with food animals. *J. Anim. Sci.* 85(Suppl. 1):461 (Abstr.)
- Moore, J.A. 2007. Teaching Tips: Teaching Assistant Advice. *NACTA Journal* Vol. 51, No. 1:64-64, 2007.
- M. Wattiaux and J. Moore, 2005. Promotion and tenure on the basis of excellence in teaching: A faculty perspective. *J. Anim. Sci.* Vol. 83 (Suppl.1):228 (Abstr.)
- Moore, J. A. 2004. Teaching Tips: Your influence on students. *Teaching Tips - NACTA Journal* Vol. 48, No. 3:60.
- Moore, J. A. 2004. Enhancing presentations with images. *Teaching Tips - NACTA Journal* Vol. 48, No. 4:85.
- Poore, M. H., J. A. Moore, A. T. Maye, and J-M Luginbuhl. 2004. Soybean hulls for finishing meat goats. *J. Anim. Sci.* 82(Suppl. 1):160 (Abstr.)
- Moore, J.A. and K.L. Esbenshade. 2003. Academic advising evaluation in the College of Agriculture and Life Sciences: a successful program. *J. North Amer. Colleges and Teachers of Agriculture*, Vol. 47, No. 1:54 (Abstr.)
- Poore, M.H. and J.A. Moore. 2003. Influence of grinding oats and barley on cattle performance and in vitro starch degradability. *J. Anim. Sci.* 81(Suppl. 1):213 (Abstr.)
- Booth, J.A., J.A. Moore, H.D. Tyler, and P.A. Miller. 2003. Soybean hulls as an alternative feed for horses. 18th Equine Nutrition & Physiology Symp., June 4-7, East Lansing, MI, p. 31 (Abstr.)
- Moore, J.A., A.T. Maye, M.H. Poore, and J.-M. Luginbuhl. 2002. Effects of increasing level of dietary soybean hulls on ruminal characteristics and serum urea nitrogen of Boer-cross goats. *J. Anim. Sci.* 80(Suppl. 1):70 (Abstr.)
- Maye, A.T., M.H. Poore, J.A. Moore, and J.-M. Luginbuhl. 2002. Using soybean hulls as a replacement for hay in meat goat diets. *J. Anim. Sci.* 80(Suppl. 2):34 (Abstr.)
- Moore, J.A., M.H. Poore, and J.-M. Luginbuhl. 2002. Meat goats fed byproduct feeds: Ruminal and blood measurements. *J. Anim. Sci.* 80(Suppl. 2):27 (Abstr.)
- Maye, A.T., M.H. Poore, J.A. Moore and J-M. Luginbuhl. 2001. Using soybean hulls as an alternative feed for meat goats. Sigma Xi 2001 Student Research Symposium, November 10, Raleigh, NC. (Abstr.)
- Moore, J.A., M.H. Poore, J-M. Luginbuhl, and M.E. Joyner. 2000. Palatability of byproduct feeds and their effect on ruminal pH and carcass characteristics for meat goats. *J. Anim. Sci.* 78, Suppl. 1 and *J. Dairy Sci.* 83, Suppl. 1:285(Abstr.)

- Moore, J.A. and K.L. Esbenshade. 1999. Peer-review of Teaching: a Departmental Success Story. NACTA Journal 43(2):7 (Abstr.)
- Moore, J.A. 1999. Use of peer-graded student projects in an introductory course. J. Anim. Sci. 77(Suppl. 1):276 (Abstr.)
- Moore, J.A. and M.J. Yoder. 1998. Trends observed for Livestock Management majors in the Associate Degree program at North Carolina State University. J. Anim. Sci. 76(Suppl. 1):370 (Abstr.)
- Moore, J.A. 1997. Low-cost Internet solutions to help students learn outside the classroom. NACTA Journal 41(2):21 (Abstr.)
- Moore, J.A. 1997. Exposing urban children and teachers to animal agriculture. J. Anim. Sci. 75(Suppl. 1):155 (Abstr.)
- Moore, J.A. and M.J. O'Kane. 1996. Student use of an interactive practice exam on the world wide web: relation to chosen major and final exam score. J. Anim. Sci. 74 (Suppl. 1):300 (Abstr.)
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