

DONALD R. TOPLIFF, Ph.D.

Provost/Vice President for Academic Affairs
Angelo State University
San Angelo, TX 76909

EDUCATION

Ph.D., Animal Nutrition, Texas A&M University. 1984, major: Animal Nutrition
M.S., Animal Science, Texas A&M University. 1981, major: Animal Science
B.S., Agriculture, Kansas State University. 1978, major: Animal Science
A.A.S., Agriculture, Colby Community College. 1973, major: Feedlot Management

EMPLOYMENT RECORD

Angelo State University

2015 – Present

Provost and Vice President for Academic Affairs
Serve as the chief academic officer of the University with oversight of about 265 full time faculty,
Manage a b

West Texas A&M University

2010 – 2014

Dean and Professor, College of Agriculture, Science and Engineering
Serve as chief academic officer of the college that consists of about 70 faculty, 30 staff, 100 graduate students, and 2,000 undergraduate students.
Responsible for oversight of academic and research programs in the departments of Agricultural Sciences, Life, Earth and Environmental Sciences, Engineering and Computer Science, and Mathematics, Chemistry and Physics.
Manage a budget of approximately \$10 million annually.

2007 – 2010

Associate Dean and Professor, College of Agriculture, Science, and Engineering
Assist the Dean in oversight of academic and research programs within the College
Served as the Assessment coordinator for the College and serve on the Assessment Council for the University.
Served as Chair of the College Curriculum Committee

2008 – 2010

Interim Head of the Department of Mathematics, Chemistry and Physics
Responsible for oversight of academic unit that includes 14 faculty, 2 staff, 7 graduate students, and 80 undergraduate students.
Responsible for administration of an annual budget of approximately \$1.2 million
Led development of the Departmental Assessment Plan and Instruction Manual for Developmental Mathematics Courses. Led development of the Math Lab.

1998 - 2007

Professor and Head, Department of Agricultural Sciences, Director of Ag Research

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Responsible for operation of an academic unit including 22 faculty, 14 staff, 75 graduate students and approximately 350 undergraduate students.

Responsible for administration of an annual budget of approximately \$2.5million in appropriated funds and \$6 million in grants and contracts.

Responsible for administration of agricultural teaching and research facilities that encompassed over 2,500 acres of range, pasture, and farmland as well as an experimental feed yard, equine facility with indoor arena and livestock valued at more than \$750,000.

Oklahoma State University

1993 - 1998

Professor of Animal Science.

1987 - 1993

Associate Professor of Animal Science.

1983 - 1987

Assistant Professor of Animal Science. Position was 85% teaching, 15% research.

Professor in Charge, Equine Teaching and Research Program.

Responsible for the initial development of the equine program and master plan for the completion of the \$600,000 equine facility.

Taught 6 undergraduate and 3 graduate courses in animal sciences and nutrition.

Conducted over 20 research trials in equine nutrition, equine exercise physiology, and the economic impact of the equine industry in Oklahoma resulting in 16 refereed publications and more than 75 abstracts and proceedings.

Texas A&M University

1978 - 1983

Graduate Assistant, Equine Section, Animal Science Department. Thesis Project: Thiamin Supplementation for Exercising Horses. Dissertation Project: Diet Manipulation, Muscle Glycogen Metabolism, and Work Performance in the Equine.

Industry Experience

1977 - 1978

General Manager, Dean Topliff Farms, Goodland, Kansas.

Responsible for operation of 1,200 acre dryland and irrigated farm and custom feedyard.

1973 - 1974

Manager, Roaring Forks Feeders, Goodland, Kansas.

Responsible for operation of 1,000 head feedyard.

CAREER HIGHLIGHTS

West Texas A&M University

Administrative Accomplishments:

As Dean -

Oversaw re-accreditation of the Mechanical Engineering program in 2012 and Civil Engineering accreditation that is currently ongoing.

Developed a plan to clone Prime/Yield Grade 1 beef animals from carcasses. At present, three bulls and three heifers have been raised and four are of reproductive age.

Developed a plan and negotiated a \$5.2 million contract with Underwriter's Laboratories and established a wind turbine testing, development and certification center that is expected to become an international test site for UL certification. Two turbines are currently under test.

Secured over \$6.1 million in external support for scholarships, facilities and faculty support including a \$1.5 million gift to establish a chair in range nutrition for the Department of Agricultural Sciences and professorships in Mechanical Engineering and Wildlife Biology.

Oversaw a \$4 million renovation of a building that has become the home of the University's Engineering and Computer Science Department, including securing funds from area companies for naming of two classrooms and three laboratories.

Serve on administrative group of Ogallala Aquifer project responsible for allocation of \$1.6 million in funding per year.

Developed a plan for a \$53 million Agriculture Complex that will be presented to the 2015 Legislature.

As Department Head -

Provided oversight of the Environmental Agriculture Program, Dryland Agriculture Institute, Equine Industry Program, Integrated Pest Management Program, Agriculture Education and Leadership Program, and the Cattlemen's Carcass Data Service.

Agriculture faculty published over 50 refereed articles and received approximately \$6 million in extramural research funding per year from 2006 on.

Department closely aligned with USDA-ARS Bushland, Texas AgriLife Research - Amarillo, Texas AgriLife Extension-Amarillo, and the Texas Veterinary Medical Diagnostic Laboratory-Amarillo in a collaborative organization known as the Cooperative Research Education and Extension Team (CREET). Eight faculty members held joint appointments with TAMU System agencies.

Department is a member of Consortium for Cattle Feeding and Environmental Science (CCFES) that includes the CREET partners, Texas Tech University, New Mexico State University and the Texas Cattle Feeders Association. CCFES and CREET have obtained over \$6.5 million in federal initiative funding since 2001.

Department is a member of the Southern Great Plains Dairy Consortium (SGPDC), a consortium of Universities and Agencies that are serving the expanding dairy industry in the Southern Great Plains

Dryland Agriculture Institute hosted an international workshop that has been attended by participants from 31 foreign countries.

Additional Research, Teaching, Outreach, and Development Accomplishments:

Serve as Chair of the Amarillo Chamber of Commerce Ag Committee and member of the Executive Committee

Serve as Chair of the Randall County Extension Leadership Advisory Board

Served as moderator for a symposium on beta agonist use in food animals at the 2014 American Society of Animal Science meetings.

Served as Chair of the committee that developed the first Ph.D. program in the history of West Texas A&M University. The Texas Higher Education Coordinating Board

approved the program in January 2003. Seventeen students are currently enrolled in the program. First student graduated in December 2006.

Served as Chair of the WT Department Head's Council 2005-2006

Secured \$100,000 grant from Texas Education Agency for development of an Agriculture Education Program at West Texas A&M University. Program now has 100 majors.

Raised \$430,000 toward construction of a new Agriculture Education Learning Laboratory. Project was completed in 2007.

Raised funds for eight new endowed scholarships in the Department of Agricultural Sciences.

Completed two, three-year appointments to the National Research Council– Committee on Animal Nutrition.

Raised \$65,000 toward financing of the National Research Council (NRC) revision of Nutrient Requirements of Horses from industry sources.

Appointed to the NRC committee revising the Nutrient Requirements of Horses. Published in June 2007

Served as Chair of the CCFES Administrative Management Committee that is responsible for overseeing the procurement and distribution of research funds for the consortium. Consortium received \$1 million in federal funding in 2001.

Served as President for the Equine Science Society (2003-2005), an international society for the study of equids.

Served as a Chair of the American Quarter Horse Association Research Committee that annually distributes over \$500,000 in research funding on a competitive basis.

Drafted a federal legislative initiative on underground water availability, use, and marketing. Resulted in funding to USDA-ARS at Bushland, Texas for \$1.65 million for FY 2004. Was funded at \$2.46 million for FY 2005, \$3.46 million for FY 2006, \$3.8 million for FY 2007, 2008, 2009, and 2010.

Authored a state legislative initiative entitled “Agribusiness Development on the Texas High Plains”. Funded for \$1.5 million for the 2003-2004 biennium. Resulted in the creation of the West Texas Agribusiness Incubator.

Assisted in writing a state legislative initiative entitled “Integrated Pest Management-Texas High Plains”. Funded at \$275,000 for the 2003-2004 biennium.

Developed and implemented the plan to expand the Nance Ranch Experimental Feedyard from 300 head to 600 head, including addition of grain processing capabilities at a cost of \$982,000.

Developed and implemented improvement plans to WTAMU Equine Center. Completed in January 2002 at a cost of \$127,000

Hosted Texas House of Representatives Agriculture and Livestock Committee.

Developed a Master of Science, non-thesis track for County Extension Agents that included courses taught through WT Online. Seven county agents have completed the program to date.

Served as Chair of the Amarillo Chamber of Commerce Ag Council integrating agriculture into the Amarillo business community.

Serve as a member of the CREET Administrative Team.

Serve as a member of the Administrative Management Council of the SGPDC.

Serve on the Randall County Extension Executive Committee helping to establish program goals and advocating for Extension to the Commissioners' Court.

Oklahoma State University

Research Activities:

- Served as co-director of the Oklahoma Center for Equine Research, a joint project with the College of Veterinary Medicine and the College of Engineering. Research projects included Influence of Dietary Cation-Anion Balance on Mineral Metabolism in Exercising and Growing Horses, Osteocalcin Concentrations in Horses of Varying Ages and Exercise Status, Incidence of Osteochondrosis in Racing and Non-racing Horses in Oklahoma, Effects of Restricted Movement on Fitness and Well Being of Pregnant Mares, Economic Impact of the Oklahoma Horse Industry.
- Obtained in excess of \$100,000 in extramural research funding and over \$300,000 worth of in-kind support.
- Served as Major advisor for three Ph.D. students, fourteen M.S. students and two M.Agr. students.
- Organized and hosted 1989 Equine Nutrition and Physiology Society meetings at Oklahoma State University. Approximately 300 scientists and graduate students attended meetings from the United States, Canada, Germany, France, Australia, and Brazil.
- Five research publications were cited in the 1989 National Research Council publication on Nutrient Requirements of Horses.

Teaching Activities:

- Served as departmental undergraduate advisement coordinator.
 - Coordinated the advisement of undergraduate students.
 - Coordinated and supervised freshman and transfer student enrollment.
 - Department enrolled approximately 100 freshmen and 150 transfers annually.
 - Provided in-service training and update for advisors.
 - Personally advised and enrolled up to 110 undergraduate students per year.
- Coached the OSU Horse Judging Team from 1983 – 98. The team competed against as many as 35 teams from across the United States.
 - Championships Won:
 - World Championship Quarter Horse Judging Contest, 1988, 1990, 1996
 - All-American Quarter Horse Judging Contest, 1986, 1990, 1992, 1995
 - Morgan Grand National Horse Judging Contest, 1985, 1989, 1995
 - Southwest Regional Horse Judging Contest, 1985, 1995
 - National Reining Horse Association Contest, 1995, 1996
 - National Western Horse Judging Contest, 1997, 1998
 - Solid Gold Horse Judging Contest 1995
- Served as Advisor to OSU Collegiate Horseman's Association, OSU Block and Bridle Club, OSU Spirit Rider Team.
- Professor in Charge, OSU Equine Center. Supervised the management and care of 65 head of horses and seven employees. Designed a breeding program from donated horses that to date has resulted in two AQHA World Champions, one AQHA year-end all around winner, and 18 AQHA World Championship and Youth World Championship top ten horses.
- Secured donation of over 250 head of horses and over \$50,000 in equipment and financial support for the OSU Equine Center.

Texas A&M University

Accomplishments:

Awarded Tom Slick Fellowship for 1982-1983.

Assisted with equine production, training, science and evaluation courses as well as beginning animal science and nutrition courses.

Assisted in planning and conduct of numerous short courses.

Presented numerous talks on evaluation of conformation, nutrition and exercise physiology.

Conducted research in the area of nutrient requirements of the exercising horse.

HONORS AND AWARDS

2014 – Elected President of Non-land-grant Agriculture and Renewable Resources Universities (NARRU, formerly AASCARR)

2013 – Elected President Elect of NARRU

2010 – University Excellence Award, WTAMU Alumni Association

2009 – Elected Chair, INTSORMIL Board of Directors

2009 – Distinguished Service Award, Equine Science Society

2009 – Elected Chair of Administrative Management Committee, Consortium for Cattle Feeding and Environmental Science

2008 – Elected to Board of Directors, American Association of State Colleges of Agriculture and Renewable Resources (AASCARR)

2008 – Elected Vice Chair, INTSORMIL Board of Directors

2008 – Appointed to Administrative Management Council Southern Great Plains Dairy Consortium

2007 – Completed Three-Year Term as Chair of the American Quarter Horse Association Research Committee

2006 – Re-elected Chair of the American Quarter Horse Association Research Committee for a third term

2006 – Awarded the Honorary Lone Star Farmer Degree from Texas FFA

2006 – Nominated to Who's Who Among America's Teachers for third consecutive year

2006 – Appointed to Board of Directors of the International Sorghum and Millet Consortium (INTSORMIL), a US-AID CRSP research program

2005 – Served as Chair of the American Quarter Horse Association Research Committee

2005 – Nominated to Who's Who Among America's Teachers for second consecutive year

2004 – Appointed to National Research Council Committee on Nutrient Requirements of Horses

2004 – Served as Chair of the American Quarter Horse Association Research Committee

2004 – Selected as National Director of American Quarter Horse Association

2004 – Who's Who Among America's Teachers

2003 – Elected President of the Equine Science Society

2003 – Vice Chancellor's Award in Excellence, Texas A&M University System

2003 – Epsilon Sigma Phi State Team Award

2003 – Re-elected Chair of the Consortium for Cattle Feeding and Environmental Science

2003 – Texas 4-H Alumni Award

2002 – Elected Chair of the Consortium for Cattle Feeding and Environmental Science

2002 – Reappointed to the National Research Council – Committee on Animal Nutrition

2002 – Appointed Chair of the Ag Committee of the Amarillo Chamber of Commerce

2001 – Senior Fellows Program, Texas Higher Education Coordinating Board

2001 – Elected Vice President of the Equine Science Society

2001 – Elected Vice Chair of the AQHA Research Committee

2000 – Elected as President, Ag Consortium of Texas

- 1999 – Elected as Secretary Treasurer of the Equine Science Society
- 1998 – Selected to serve on the National Research Council – Committee on Animal Nutrition.
- 1996 – National Leadership Award, National Horse Judging Team Coaches Association.
- 1995 – Don M. Tyler Award – Outstanding Faculty Member in Animal Science (37 Faculty in the Department).
- 1995 – Selected for Charter Membership in American College of Animal Nutritionists.
- 1994 – National Association of Colleges and Teachers of Agriculture, Teaching Award of Merit.
- 1994 - Gamma Sigma Delta – Outstanding Teaching/Advising Award, College of Agriculture and Natural Sciences.
- 1993 – Elected to Board of Directors Equine Nutrition and Physiology Society.

PROFESSIONAL ORGANIZATIONS

Non-land-grant Agriculture and Renewable Resources Universities – President
Equine Science Society – Past President
Ag Consortium of Texas – Past President
American Society of Animal Science
American Quarter Horse Association, Lifetime Member, Approved Judge
Professional Ag Workers of Texas – Past Board Member
Gamma Sigma Delta – Past President, Oklahoma State University Chapter

PUBLICATIONS

Books and Chapters in Books – 6

- Topliff, D. R. 2009. Use of Horses. In John McGlone and Janice Swanson (Ed.) *Guide for the Care and Use of Agricultural Animals*. Savory, IL 61874: Federation of Animal Science Societies.
- Topliff, D.R. 2007. Environmental Aspects of Feeding Horses. In Lawrence, L. et al. *Nutrient Requirements of Horses*. National Academy Press. Washington, D.C.
- Topliff, D.R. 2000. Horses and the Horse Industry. In Pond, W.R. et al. *Textbook for Animal Science*. Wiley Publishers. New York, NY.
- Topliff, D. R. 1997. Feeding the horse ridden for pleasure. In *The Veterinarian's Practical Reference to Equine Nutrition*. Kent Thompson Ed. American Association of Equine Practitioners and Purina Mills, Inc. St. Louis, MO.
- Topliff, D. R. 1997. Nutritional management of horses with hyperkalemic periodic paralysis (HYPP). In *The Veterinarian's Practical Reference to Equine Nutrition*. Kent Thompson Ed. American Association of Equine Practitioners and Purina Mills, Inc. St. Louis, MO
- Freeman, D.W. and D.R. Topliff. 1997. Equine digestive physiology and its relationship to feeding management. In *Basic Equine Nutrition and Its Physiological Functions*. Kent Thompson Ed. American Association of Equine Practitioners and Purina Mills, Inc. St. Louis, MO

Refereed Publications –18

- Rhoades, M.B., D.B. Parker, N.A. Cole, R.W. Todd, B.W. Auverman, E.A. Caraway, D.R. Topliff and G.L. Schuster. 2010. Development of a pen surface NH₃ emission coefficient from a continuous monitoring at a commercial beef feedyard. *Transactions of the ASABE*. In revision.

- Stephens, T.L., G.D. Potter, P.G. Gibbs, D.M. Hood, L.W. Greene, E.L. Morris, D.R. Topliff and K.J. Mathiason-Kochan. 2003. Mineral balance in juvenile horses in race training. *Prof. Anim. Sci.* 19(3):261-266.
- Mueller, R.K., D.R. Topliff, D.W. Freeman, C. MacAllister, S.D. Carter and S.R. Cooper. 2001. Effect of varying DCAD on the acid-base status of mature sedentary horses with varying starch source and level of intake. *J. Eq. Vet. Sci.* 21(10):450.
- J.M. Rieker, S.R. Cooper, D.R. Topliff, D.W. Freeman and R.G. Teeter. 2000. The effect of molybdenum on copper balance in mature geldings. *J. Equine Vet. Sci.* 20:522-525.
- Cooper, S.R., D.R. Topliff, D.W. Freeman, M.A. Collier and O.K. Balch. 2001. Evaluation of bone mineral content in equine cadavers and pregnant mares. *J. Eq. Vet. Sci.* 21(9):450.
- Cooper, S.R., D.R. Topliff, D.W. Freeman, J.E. Breazile and R.D. Geisert. 2000. Effect of dietary cation-anion difference on mineral balance, serum osteocalcin concentration and growth in weanling horses. *J. Eq. Vet. Sci.* 20(1):39.
- Fletcher, K.L., D.R. Topliff, S.R. Cooper, D.W. Freeman and R.D. Geisert. 2000. Influence of age and sex on serum osteocalcin concentrations in horses at weaning and during physical conditioning. *J. Eq. Vet. Sci.* 20(2):124.
- Baker, L.A., D.R. Topliff, D.W. Freeman, R.G. Teeter and B.J. Stoecker. 1998. The comparison of two forms of sodium and potassium and chloride versus sulfur in the dietary cation-anion difference equation: Effects on acid-base status and mineral balance in sedentary horses. *J. Eq. Vet. Sci.* 18(6):389.
- Lansford, N.H., D.W. Freeman, D.R. Topliff, and O.L. Walker. 1998. Hedonic Pricing of Race-Bred Quarter Horses Produced by Quarter Horse Sires and Dams. *J. Agribusiness.* 16(2):169.
- Baker, L.A., D.L. Wall, D.R. Topliff, D.W. Freeman, R.G. Teeter and J.E. Breazile and D.G. Wagner. 1993. Effect of dietary cation-anion balance on mineral balance in sedentary horses. *J. Eq. Vet. Sci.* 13(10):557.
- Popplewell, J.C., D.R. Topliff, D.W. Freeman, and J.E. Breazile. 1993. Effects of dietary cation-anion balance on acid base balance and blood parameters in anaerobically exercised horses. *J. Eq. Vet. Sci.* 13(10):552.
- Baker, L.A., D.R. Topliff, D.W. Freeman, R.G. Teeter and J.W. Breazile. 1992. Effect of dietary cation-anion balance on acid-base status in horses. *J. Eq. Vet. Sci.* 12(3):160.
- Stutz, W.A., D.R. Topliff, D.W. Freeman, W.B. Tucker and J.W. Breazile. 1992. Effect of dietary cation-anion balance on blood parameters in exercising horses. *J. Eq. Vet. Sci.* 12(3):164.
- Wall, D.L., D.R. Topliff, D.W. Freeman, J.W. Breazile and D.G. Wagner. 1992. Effect of dietary cation-anion balance on mineral metabolism in exercised horses. *J. Eq. Vet. Sci.* 12(3):168.
- Freeman, D.W., D.L. Wall and D.R. Topliff. 1990. Intake response of horses consuming a concentrate varying in pellet size. *The Prof. Anim. Scientist.* 6(3):10.
- Topliff, D.R. and D.W. Freeman. 1990. Plasma glucose concentrations and digestibility of dry matter, energy and protein in mature geldings fed wheat- and oat-based diets. *J. Eq. Vet. Sci.* 10(2):121.
- Topliff, D.R., S.R. Boren, D.W. Freeman, R.J. Bahr and D.G. Wagner. 1988. Growth of weanling Quarter horses fed varying levels of protein and energy. *J. Eq. Vet. Sci.* 8(5):371.
- Freeman, D.W. and D.R. Topliff. 1987. Nutrition of the Equine athlete: a review. *The Prof. Anim. Scientist.* 3(1):13.

Abstracts and Proceedings – 81

- Jordan E .R., K. J. Lager, J. A. G.Buitrago, D. R. Topliff, P. J. Pinedo. 2015. Relationship of dietary and serum phosphorus during the transition period to fertility measures. In Proc. American Dairy Science Conference.
- Lager, K. J., E. R. Jordan, R. G. S. Bruno, J. A. H. Rivera, A. M. Farias, R. Sprowls, and D. R. Topliff. 2012. Impact of breed on the metabolic profile in transition Holstein and Jersey dairy cows. In Proc. American Dairy Science Conference. Phoenix, AZ.
- Lager, K.J., E.R. Jordan, R.G.S. Bruno, J.A.H. Rivera, A.M. Farias, R. Sprowls, and D. R. Topliff. 2012. Impact of season on the metabolic profile of transition Holstein dairy cows in summer and winter. In Proc. American Dairy Science Conference. Phoenix, AZ.
- Weinheimer, B., T. Marek, N. Clark, J. Sweeten, S Amosson, and D. Topliff. 2008. Water for Livestock and Agriculture: Availability and Conservation. In Proc. High Plains Livestock 2007. Amarillo, TX. Pp.
- Lust, D., R.E. DeOtte, D.R. Topliff, and C.R. Robinson. 2008. Systems Assessment of Doctoral Program in Systems Agriculture. In Proc. 8th Annual Texas A&M Assessment Conference, College Station, Texas.
- Topliff, D.R. 2004. Feed composition tables. In Proc. Conference on Equine Nutrition and Research. College Station, TX. pp.105-109.
- Topliff, D. R. 2003. Potential impacts of the new Concentrated Animal Feeding Operation regulations on the equine industry. J Anim Sci 81:Suppl 1. p. 83
- Stephens, T.L., G.D. Potter, K.J. Mathiason, P.G. Gibbs, E.L. Morris, L.W. Greene and D.R. Topliff. 2001. Mineral balance in juvenile horses in race training. Proc. Of the 17th Equine Nutrition and Physiology Symposium. Lexington, KY.
- Nolan, M.M., G.D. Potter, K.J. Mathiason, P.G. Gibbs, E.L. Morris, L.W. Greene and D.R. Topliff. 2001. Bone density in the juvenile racehorse fed differing levels of minerals. Proc. Of the 17th Equine Nutrition and Physiology Symposium. Lexington, KY.
- Michael, E.M., G.D. Potter, K.J. Mathiason, P.G. Gibbs, E.L. Morris, L.W. Greene and D.R. Topliff. 2001. Biochemical markers of bone modeling and remodeling in juvenile racehorses fed differing levels of minerals. Proc. Of the 17th Equine Nutrition and Physiology Symposium. Lexington, KY.
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- Topliff, D.R. 2000. Gastro-intestinal physiology of the horse. In Proceedings of Purina Mexico Equine Conference. Mexico City, Mexico.
- Topliff, D.R. 1999. Feeding the performance horse’s system. In Proceedings of Alltech Equine School. Lexington, KY.
- Topliff, D.R. 1999. Feeding horses – an environmental perspective. In Proceedings of Alltech Equine School. Lexington, KY.
- Cooper, S.R., D.R. Topliff, D.W. Freeman, J.E. Breazile and R.D. Geisert. 1999. Effect of dietary cation-anion difference on growth and serum osteocalcin levels in weanling horses. OSU Animal Science Research Report, P-973.
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- Mansell, B.J., L.A. Baker, J.L. Pipkin, M.A. Buchholz, G.O. Veneklasen, D.R. Topliff, and R.C. Bachman. 1999. The effects of inactivity and subsequent aerobic training, and mineral supplementation on bone remodeling in varying ages of horses. Proc. of the 16th Equine Nutrition and Physiology Symposium. Raleigh, N.C.
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- Reiker, J.M., D.R. Topliff, D.W. Freeman, R.G. Teeter and S.R. Cooper. 1999. The Effects of Supplemental Molybdenum on Copper Balance in Mature Geldings. Proc. of the 16th Equine Nutrition and Physiology Symposium. Raleigh, N.C.
- Sparks, C.R., D.R. Topliff, M.E. Collier, D.W. Freeman, and J.E. Breazile. 1999. The influence of restricted movement on the physical fitness and well being of pregnant mares. Proc. of the 16th Equine Nutrition and Physiology Symposium. Raleigh, N.C.
- Cooper, S.R., D.R. Topliff, D.W. Freeman, M.A. Collier and O.K. Balch. 1998. Evaluation on bone mineral content in equine cadavers and pregnant mares. OSU Research Report P-965, p. 125.
- Fletcher, K.L., D.R. Topliff, D.W. Freeman, S.R. Cooper and M.L. Loooper. 1998. Effects of sex and weaning on serum osteocalcin concentration in horses. OSU Research Report. P-965., p. 121.
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- Topliff, D. R. 1998. Horses are what they eat. In proc. Alberta Horse Breeders and Owners Conference. Red Deer , Alberta, Canada.
- Baker, L.A., D.R. Topliff, D.W. Freeman, R.G. Teeter and B.J. Stoecker. 1997. Influence of various cationic and anionic salts on acid base status in sedentary horses. In Proc. Fifteenth Eq. Nut. Phys. Symp. Fort Worth, TX.
- Baker, L.A., D.R. Topliff, D.W. Freeman, R.G. Teeter and B.J. Stoecker. 1997. Influence of various cationic and anionic salts on mineral metabolism in sedentary horses. In Proc. Fifteenth Eq. Nut. Phys. Symp. Fort Worth, TX.
- Topliff, D.R. 1997. Cation-Anion Difference in Equine Nutrition. In Proc. ACVIM Veterinary Medical Forum. Orlando, FL.
- Topliff, D.R. W.S. Damron and D.S. Buchanan. 1997. The use of the college student inventory to improve freshman retention. In Proc. Fifteenth Eq. Nut. Phys. Symp. Fort Worth, TX.

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- Walker, O.L., M.D. Woods, D.W. Freeman and D.R. Topliff. 1995. An economic overview of the Oklahoma horse racing industry. Oklahoma Horse Racing Commission and Oklahoma State University.
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