

O. ABE TURGEON, JR.

ADDRESS

Business: Koers-Turgeon Consulting Service, Inc.
2000 Ridgeview
Salina, KS 67401

Home/Office: 302 Adams Way
Amarillo, TX 79118

TELEPHONE

Office (Koers-Turgeon): (785) 825-8192
Office (Amarillo): (806) 622-7720

Home: (806) 622-7744
Mobile (24 hours): (806) 335-0750

PERSONAL DATA

Birthdate: November 17, 1956
Birthplace: Mitchell, South Dakota
Health: Excellent
Family: Wife Ericka and sons Travis and Aaron.

EDUCATION

Ph.D., University of Nebraska - Lincoln

Major: Animal Science (Ruminant Nutrition); 1981-1984 Dissertation topic: Forage growing systems: Feedlot performance and compensatory growth.

Major advisor: Dr. Terry Klopfenstein

Completion date: November, 1984

M.S., University of Nebraska - Lincoln

Major: Animal Science (Ruminant Nutrition); 1979-1981

Thesis topic: Starch utilization in beef finishing rations.

Major advisor: Dr. Dennis Brink

B.S., Kansas State University

Major: Animal Science, 1976-1979

Yankton College (attended 2 semesters)

Major: Biological Science; 1975-1976

EXPERIENCE

Research:

Designed and conducted experiments with cattle and/or sheep to:

1. Evaluate rate and efficiency of gain and carcass characteristics of cattle from various production systems (weaning to slaughter).
2. Determine mechanisms of compensatory growth.
3. Derive equations on the relationships between chemical body composition and urea dilution measurements.
4. Evaluate effects of corn particle size mixtures on site and extent of starch digestion.

EXPERIENCE (cont.)

Research skills and techniques:

1. Statistical methods to adjust growth data for changes in composition of gain.
2. Serial slaughter and urea dilution methodology to measure body composition.
3. Use of digesta and liquid markers to partition dietary flows and the site and extent of digestion.
4. Use of main frame and microcomputers for diet formulation, data collection and statistical analysis.
5. Basic laboratory techniques to measure the presence of biological materials including starch and plasma urea nitrogen.

Teaching:

Instructor for Introduction to Animal Science, 1 semester.

Lab Instructor for Feeds and Feeding, 3 semesters.

Lab Instructor for Applied Animal Nutrition, 2 semesters.

Lab Instructor for Beef Production, 1 semester.

Lab Instructor for Swine Production, 1 semester.

Teaching skills:

1. Organization of educational presentations.
2. Individualized instruction and advising.
3. Preparation of exams and laboratory exercises.

EMPLOYMENT

December 1985 to present - Consulting nutritionist with Koers-Turgeon Consulting Service, Inc. located in Salina, Kansas. Koers-Turgeon Consulting Service provides nutritional, health, management and research advice to feedlots, ranches, dairies and pharmaceutical companies in the United States. Feedlot clients represent a one time capacity in excess of 1,000,000 head of cattle. The company also provides services to several cattle feeding management companies. A research division, Bos Technica Research Services, Inc., has been added to the company specializing in high quality trials involving large numbers. I also serve as Research Administrator for Bos Technica Research Services, Inc. The objectives of the research company are: (1) to bring research precision to the feedlot environment and (2) to help bridge the research gap existing between small pen studies and large pen feedlots.

December 1984 to December 1985 - Manager of Ruminant Nutrition and Research with Archer Daniels Midland in Decatur, Illinois. Primary responsibilities included providing technical/educational support for the national sales force, ration and product formulation, nutrition and management consulting and product research and development.

BACKGROUND

Raised on a farm near Chamberlain, South Dakota with beef, swine and crops as major enterprises.

GRADUATE ACTIVITIES

President of the Animal Science Graduate Student Association; 1982-83.

Secretary of the Animal Science Graduate Student Association; 1981-82.

Animal Science Graduate Student Representative to Faculty and Graduate Committee; 1982-83.

Executive Council Member of the Animal Science Graduate Student Association; 1981-83.

AFFILIATIONS

American Feed Ingredients Association
American Registry of Professional Animal Scientists
American Society of Animal Science
Delta Tau Delta
Gamma Sigma Delta Honorary
Kansas Livestock Association
National Cattlemen's Association
Nebraska Cattleman
Texas Cattle Feeders Association

AWARDS

Recipient of National Feed Ingredients Association Scholarship; 1982.
Recipient of Widaman Trust Outstanding Student Scholarship, University
Nebraska; 1983.

University of Idaho, Affiliate Associate Professor of Animal and Veterinary Science;
Ph.D; 2003.

REFERENCES

Available upon request

PUBLICATIONS

Journal Articles

Brink, D. R., O. A. Turgeon, Jr., D. L. Harmon, R. T. Steel, T. L. Mader and R. A. Britton. 1984. Effects of additional limestone of various types on feedlot performance of beef cattle fed high corn diets differing in processing method and potassium level. J. Anim. Sci.

DeHaan, K. A., T. J. Klopfenstein and O. A. Turgeon, Jr., 1983. Effects of buffers in corn silage diets on digestibility, rumen metabolism and performance. J. Anim. Sci.

Turgeon, Jr., O. A., D. R. Brink and R. A. Britton. 1983. Corn particle size mixtures, roughage level and starch utilization in finishing steer diets. J. Anim. Sci. 57:739

Turgeon, Jr., O. A., D. R. Brink and D. M. Lucas. 1983. Effect of salinomycin on performance, carcass characteristics and digestibility of steers finished on high moisture corn or corn silage based diets. J. Anim. Sci.

Abstracts

Turgeon, Jr., O. A., D. R. Brink, S. J. Bartle, T. J. Klopfenstein and C. L. Ferrell. 1984. Compensatory performance and composition of gain in lambs. 1984 Annual Meeting American Soc. Anim. Sci., Univ. of Missouri, Columbia.

Turgeon, Jr., O. A., D. R. Brink, S. J. Bartle, T. J. Klopfenstein and C. L. Ferrell. 1984. Relative growth of various organs during compensatory growth in lambs. 1984 Annual Meeting Amer. Soc. Anim. Sci., Univ. of Missouri, Columbia.

Turgeon, Jr., O. A., T. J. Klopfenstein, D. R. Brink, H. D. Loveday, W. W. Stroup and R. R. Oltjen. 1984. Previous nutrition, finishing regime and protein level on compensatory performance of heifers. J. Anim. Sci. 59(Suppl. 1)

Turgeon, Jr., O.A., D. R. Brink and D. M. Lucas. 1983. Effects of salinomycin on feedlot performance and carcass characteristics of steers fed high moisture corn or corn silage diets. J. Anim. Sci. 57(Suppl. 1):112.

Abstracts (cont.)

- DeHaan, K. A., T. J. Klopfenstein, O. A. Turgeon, R. A. Britton and D. R. Brink. 1982. The effect of buffers on fiber digestion in vitro. J. Anim. Sci. 55(Supp. 1):416.
- Turgeon, Jr., O.A., D. R. Brink, R. A. Britton, D. L. Harmon and R. T. Steele. 1982. Effects of calcium level and rate of reactivity on performance, carcass measurements and rumen epithelium characteristics of steers fed high moisture corn. J. Anim. Sci. 55(Suppl. 1):116.
- Turgeon, Jr., O. A., D. R. Brink and D. M. Lucas. 1982. Effect of different levels of salinomycin on performance and carcass characteristics of finishing cattle. J. Anim. Sci. 55(Supp. 1):116.
- Turgeon, Jr., O. A., D. R. Brink, T. J. Klopfenstein, J. K. Ward, H. D. Loveday, C. R. Calkins and M. K. Nielsen. 1982. Rate of winter gain and time on pasture on subsequent feedlot gain and carcass characteristics of steers and heifers. J. Anim. Sci. 55(Supp. 1):471.
- Turgeon, J., O. A., D. R. Brink and R. A. Britton. 1981. Corn particle size and starch digestion in steers fed ad libitum. J. Anim Sci. 53(Supp. 1):440.
- Turgeon, Jr., O. A. and D. R. Brink. 1981. Corn grain mixture, calcium level, animal performance and fecal pH in finishing steers. J. Anim. Sci. 53(Suppl. 1):121.
- Brink, D. R., O. A. Turgeon, Jr., and R. A. Britton. 1980. Corn particle size, roughage level and starch utilization in finishing steers. J. Anim. Sci. 51(Suppl. 1):348.
- Turgeon, Jr., O. A. and D. R. Brink. 1980. Corn particle size, roughage level and performance of finishing steers. J. Anim. Sci. 51 (Supp. 1):101.

Beef Report Articles

- Turgeon, Jr., Abe, Terry Klopfenstein and Dennis Brink. 1985. Optimizing feed utilization. Nebraska Beef Cattle Report.
- Turgeon, Jr., Abe, Dennis Brink, Steve Bartle, Terry Klopfenstein and Cal Ferrell. 1985. Nebraska Beef Cattle Report.

Beef Report Articles (Cont.)

Turgeon, Abe, Dennis Brink and Don Lucas. 1984. Salinomycin for finishing steers. Nebraska Beef Cattle Report, MP 47, p 19.

Turgeon, Abe, Terry Klopfenstein, Dennis Brink, Robert Oltjen, Dwight Loveday and Walt Stroup. 1984. Production systems for compensatory growth. Nebraska Beef Cattle Report, MP 47. p 13.

Steele, Bob, Dennis Brink, Abe Turgeon, Terry Mader and Dave Pankaskie. 1983. Limestone in finishing rations. Nebraska Beef Cattle Report, MP 43. p 53.

Turgeon, Abe, Dennis Brink and Don Lucas. 1983. Salinomycin for finishing cattle. Nebraska Beef Cattle Report, MP 44. p 40

Turgeon, Abe, Terry Klopfenstein, Dennis Brink, Dwight Loveday and Chris Calkins. 1983. Finishing systems - gain and carcass characteristics. Nebraska Beef Cattle Report, MP 44. p 47.

Brink, Dennis, Stan Farlin, Abe Turgeon and Greg Schindler. 1982. Milo and corn mixtures for finishing cattle. Nebraska Beef Cattle Report, MP 43. p 49.

Turgeon, Jr., Abe, Dennis Brink and Robert Britton. 1982. Corn particle size and site and extent of digestion. Nebraska Beef Cattle Report, MP 43. p 51.

Turgeon, Jr., Abe, Dave Harmon, Dennis Brink, Robert Britton and Bob Steele. 1982. Limestone in beef finishing rations. Nebraska Beef Cattle Report, MP 43. p 44.

Turgeon, Abe and Dennis Brink. 1981. Corn mixtures improve performance. Nebraska Beef Cattle Report, EC 81-218. p 217.

Other Publications

Turgeon, Abe and Wally Koers. 1997. Effects of Pen Size on the Implant Response of Feedlot Cattle. Symposium: Impact on Performance and Carcass Value of Beef Cattle. Oklahoma Agricultural Experiment Station P-957. May 1997. Oklahoma State University.

Szasz, JI, CW Hunt, OA Turgeon, PA Szasz. Investigations of the value of pasteurized potato processing byproduct for feedlot cattle: Effect of pasteurization on the nutrient composition and *in vitro* degradability. Unpublished data.

Bos Technica Research Trials

1985-Current. Numerous (over 250) research trials on file in Koers-Turgeon Consulting Service, Inc., corporate office in Salina, Kansas.