

# CURRICULUM VITAE

## WILLIAM A. DOZIER, III

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### EDUCATION

- **Doctor of Philosophy in Poultry Science. 2000.** Auburn University, Auburn, Alabama. **Dissertation title:** Threonine Responses of Commercial Broilers During 42 to 56 Days of Age as Influenced by Economics, Feathering Rate, Gender, and Strain-Cross
- **Master of Science in Animal Sciences. 1997.** University of Kentucky, Lexington, Kentucky. **Thesis title:** Effects of Porcine Somatotropin Administration on the Requirement for a Near Ideal Blend of Amino Acids by Growing Pigs.
- **Bachelor of Science in Animal and Dairy Science. 1992.** Auburn University, Auburn, Alabama.

### POSITIONS HELD

- **Extension Specialist and Professor:** January 2024 to present, Department of Poultry Science, Auburn University, Auburn, Alabama. 75% Extension and 25% Research
- **Department Head, Executive Director Miller Research and Education Center, and Professor:** August 2019 to September 2023, Department of Poultry Science, Auburn University, Auburn, Alabama. 100% Administrative
- **Professor:** October 2013 to August 2019, Department of Poultry Science, Auburn University, Auburn, Alabama. 80% Research and 20% Instruction
- **Associate Professor:** August 2008 to September 2013, Department of Poultry Science, Auburn University, Auburn, Alabama. 80% Research and 20% Instruction
- **USDA-ARS Research Animal Scientist:** February 2004 to August 2008, USDA-ARS Poultry Research Unit, Mississippi State, Mississippi.
- **Extension Poultry Scientist:** July 2000 to February 2004, Department of Poultry Science, The University of Georgia, Tifton, Georgia. 100% Extension
- **Graduate Research Assistant:** August 1997 to June 2000, Department of Poultry Science, Auburn University, Auburn, Alabama.
- **Graduate Research Assistant:** August 1995 to August 1997, Department of Animal Sciences, University of Kentucky, Lexington, Kentucky.

### HONORS AND AWARDS

- Dean's Grantsmanship Award. 2019. College of Agriculture, Auburn University, Auburn, Alabama.
- Dean's Grantsmanship Award. 2018. College of Agriculture, Auburn University, Auburn, Alabama.
- The Evonik Award. 2018. Annual Meeting of the Poultry Science Association, San Antonio, Texas.

- Outstanding Graduate Mentor Award. 2018. Graduate School, Auburn University, Auburn, Alabama.
- LEAD21. 2017-2018. Leadership Program Foundations.
- National Chicken Council Broiler Research Award. 2013. Annual Meeting of the Poultry Science Association, San Diego, California.
- American Feed Industry Association Poultry Nutrition Research Award. 2012. Annual Meeting of the Poultry Science Association, Athens, Georgia.
- Superior Technology Transfer Award. 2008. United States Department of Agriculture, Agricultural Research Service, Washington, D.C.
- Honorable Mention for Excellence in Technology Transfer. 2007. The Federal Laboratory Consortium Southeast Region, Cincinnati, Ohio.
- Early Career Scientist Award. 2007. Mid-South Area, United States Department of Agriculture, Agricultural Research Service, Washington, D.C.
- Hy-Line International Research Award. 2006. Annual Meeting of the Poultry Science Association, Edmonton, Canada.
- Presidential Graduate Fellow. 1999-2000. Auburn University, Auburn, Alabama.
- Purina Mills Research Fellowship. 1999. Annual Meeting of the Poultry Science Association, Springdale, Arkansas.
- Initiated into Gamma Sigma Delta. 1998. Auburn University, Auburn, Alabama.
- Initiated into Alpha Zeta, Agriculture Honor Fraternity. 1992. Auburn University, Auburn, Alabama.

#### COURSES TAUGHT PREVIOUSLY (AU)

- Poultry Feeding (POUL 5050) 2010-2021.
- Advanced Poultry Feeding (POUL 6050) 2010-2021.
- Professional Development for Animal Agriculture, Production, Processing, and Feed Industries (POUL 2100) 2021.
- Poultry Science Internship (POUL 4920) 2019-2023.

#### GRADUATE STUDENTS ADVISED AS MAJOR PROFESSOR

- Stephanie Philpot, (Ph.D., Poultry Science; Auburn University; Major Professor: William A. Dozier, III). Fall 2022. Title: Effects of assay methodology and standardization for endogenous losses of energy on determination and additivity of metabolizable and digestible dietary energy for broilers.
- Ruben Kriseldi (Ph.D., Poultry Science; Auburn University. 2020. Title: Evaluation of extra-phosphoric effects of phytase on growth performance, carcass characteristics, phytate degradation, plasma inositol concentrations, gene expression of hypothalamic appetite hormones, and catecholamine concentrations in broiler production.
- Tanner Wise, (M.S., Poultry Science) 2020. Title. Determination of the optimum digestible isoleucine to lysine for male Yield ×Ross 708 broilers between 1.0 and 4.0 kg body weight utilizing growth performance and carcass characteristics.
- Stephanie Philpot, (M.S., Poultry Science; Auburn University; Major Professor: William A. Dozier, III). Summer 2019. Title: Effects of high dietary copper concentrations on growth performance, processing characteristics, amino acid digestibility, and ileal microflora composition of broilers.

- Sara Cloft (M.S., Poultry Science) 2018. Title: The impact of increasing dietary amino acid density and feed allocation during the first three weeks of life for broilers vaccinated against coccidiosis.
- Klint McCafferty (M.S., Poultry Science). Graduation: 2018. Title: Effects of supplemental xylanase in corn and wheat-based diets on growth performance and cecal volatile fatty acid concentrations of broilers during a six-week production period.
- Kathryn Meloche (Ph.D., Poultry Science). Graduation: 2017. Title: Nutritional strategies for mitigating wooden breast and white striping myopathies of the *Pectoralis major* muscles in broiler chickens.
- Ruben Kriseldi (M.S., Poultry Science). Graduation: 2016. Title: Effects of feeding reduced crude protein diets while maintaining essential amino acids and total glycine + serine concentrations on growth performance, nitrogen excretion, plasma uric acid concentration, and carcass characteristics of broilers.
- Kurt Perryman (Ph.D., Poultry Science). Graduation: 2015. Title: Effects of calcium feeding strategy, dietary adaptation period length, and diet composition on phosphorus availability for the determination of true phosphorus utilization in growing broilers.
- Kathryn Meloche (M.S., Poultry Science; Auburn University). Graduation: 2013. Title: The development and validation of prediction equations for the apparent metabolizable energy of distillers dried grains with solubles in broilers.
- Kurt Perryman (M.S., Poultry Science; Auburn University; Major Professor: William A. Dozier, III). Graduation: Summer 2012. Title: Nutrient digestibility, growth performance, and carcass characteristics of broilers fed diets formulated with low oligosaccharide soybean meals.
- Sam Rochell (M.S., Poultry Science; Auburn University; Major Professor: William A. Dozier, III). Graduation: Spring 2012. Title: Effects of diet type and ingredient composition on rate of passage and use of in vitro assays to predict amino acid digestibility of animal protein meals in broilers.
- Curran Gehring (Ph.D, Poultry Science; Auburn University; Major Professor: William A. Dozier, III). Graduation: Fall 2012. Title: Effects of corn varying in extractable salt-soluble protein content with phytase and xylanase supplementation on growth performance and nutrient and energy digestibility of broilers fed diets adequate in calcium and non-phytate phosphorus.

#### AWARDS TO GRADUATE STUDENTS ADVISED (major advisor)

- Ruben Kriseldi, Certificate of Achievement. 2020. International Poultry Scientific Forum, Atlanta, Georgia.
- Stephanie Philpot, Certificate of Achievement. 2020. International Poultry Scientific Forum, Atlanta, Georgia.
- Tanner Wise, Certificate of Achievement. 2020. International Poultry Scientific Forum, Atlanta, Georgia.
- Ruben Kriseldi, Certificate of Excellence. 2019. Annual Meeting of the Poultry Science Association, Montreal, Quebec, Canada.
- Tanner Wise, Certificate of Excellence. 2019. Annual Meeting of the Poultry Science Association, Montreal, Quebec, Canada.
- Ruben Kriseldi, Novus International Research Award. 2019. College of Agriculture, Auburn University.

- Stephanie Philpot, Certificate of Excellence. 2018. Annual Meeting of the Poultry Science Association, San Antonio, Texas.
- Sara Cloft, Certificate of Achievement. 2018. International Poultry Scientific Forum, Atlanta, Georgia.
- Sara Cloft, Graduate Research Poster Showcase Award. 2018. College of Agriculture, Auburn University.
- Ruben Kriseldi, Graduate Research Poster Showcase Award. 2018. College of Agriculture, Auburn University.
- Ruben Kriseldi, Graduate Research Poster Showcase Award. 2017. College of Agriculture, Auburn University.
- Ruben Kriseldi, Certificate of Achievement. 2017. International Poultry Scientific Forum, Atlanta, Georgia.
- Katheryn Meloche, Certificate of Achievement. 2017. International Poultry Scientific Forum, Atlanta, Georgia.
- Katheryn Meloche, Certificate of Excellence. 2016. Annual Meeting of the Poultry Science Association, New Orleans, Louisiana.
- Klint McCafferty, Certificate of Achievement. 2016. International Poultry Scientific Forum, Atlanta, Georgia.
- Katheryn Meloche, Certificate of Achievement. 2016. International Poultry Scientific Forum, Atlanta, Georgia.
- Kurt Perryman, Certificate of Excellence. 2015. Annual Meeting of the Poultry Science Association, Louisville, Kentucky.
- Katheryn Meloche, Certificate of Achievement. 2015. International Poultry Scientific Forum, Atlanta, Georgia.
- Katheryn Meloche, Alltech Manuscript Award. 2015. International Poultry Scientific Forum, Atlanta, Georgia.
- Katheryn Meloche, Alltech Manuscript Award. 2014. Annual Meeting of the Poultry Science Association, Corpus Christi, Texas.
- Kurt Perryman, Certificate of Excellence. 2014. Annual Meeting of the Poultry Science Association, Corpus Christi, Texas.
- Kurt Perryman, Jones-Hamilton Co. Graduate Student Travel Grant. 2014. Annual Meeting of the Poultry Science Association, Corpus Christi, Texas.
- Katheryn Meloche, Novus International Research Award. 2014. College of Agriculture, Auburn University.
- Kurt Perryman, International Scientific Forum Travel Grant. 2014. United Soybean Meal and Southern Poultry Scientific Society, Atlanta, Georgia.
- Katheryn Meloche, Certificate of Achievement. 2014. International Poultry Scientific Forum, Atlanta, Georgia.
- Kurt Perryman, Elanco Graduate Research Award. 2013. Department of Poultry Science, Auburn University, Auburn, Alabama.
- Kurt Perryman, Novus International Research Award. 2013. College of Agriculture, Auburn University, Auburn, Alabama.
- Curran Gehring, Alltech Manuscript Award. 2013. International Poultry Scientific Forum, Atlanta, Georgia.

- Katheryn Meloche, Certificate of Excellence. 2013. Annual Meeting of the Poultry Science Association, San Diego, California.
- Katheryn Meloche, Certificate of Achievement. 2013. International Poultry Scientific Forum, Atlanta, Georgia.
- Katheryn Meloche, Certificate of Excellence. 2012. Annual Meeting of the Poultry Science Association, Athens, Georgia.
- Sam Rochell, Alltech Manuscript Award. 2012. Annual Meeting of the Poultry Science Association, Athens, Georgia.
- Curran Gehring, Certificate of Achievement. 2012. International Poultry Scientific Forum, Atlanta, Georgia.
- Curran Gehring, Novus International Research Award. 2011. College of Agriculture, Auburn University.
- Curran Gehring, Certificate of Achievement. 2011. International Poultry Scientific Forum, Atlanta, Georgia.
- Sam Rochell, Certificate of Excellence. 2010. Annual Meeting of the Poultry Science Association, Denver, Colorado.

#### BOOKS

- **Dozier, B.** and J. Blake (editors). 2003. Proceedings 2003 National Poultry Extension Workshop, Poultry Science Association, Madison, Wisconsin. 27 pp.

#### BOOK CHAPTERS

- Wise, T. L., M. T. Kidd, and **W. A. Dozier, III**. 2021. Digestion, intestinal functionality, and metabolism of isoleucine and valine with emphasis in poultry. In: Branched-chain amino acids. Metabolism, benefits, and role in disease. pp. 249-274, Chapter 9. Ed. M. T. Kidd, Nova Science Publishers, Inc., New York.
- **Dozier, W. A. III** and P. B. Tillman. 2017. Advances in understanding and improving the role of amino acids in poultry nutrition. Pages 113-126 in Achieving sustainable production of poultry meat Volume 2: Breeding and Nutrition, T. Applegate, (ed.), Burleigh Dodds Science Publishing, Cambridge, UK (ISBN: 978 1 78676 068 5; [www.bdspublishing.com](http://www.bdspublishing.com)).
- **Dozier, W. A., III** and K. R. Perryman. 2014. Impact of low oligosaccharides soybean meal on nutrient digestibility, growth performance, and carcass characteristics of broiler chickens. Pages 251-266 in Oligosaccharides: Food Sources, Biological Roles and Health Implications. L. S. Schweizer and S. J. Krebs. Nova Science Publishers. Hauppauge, New York.
- **Dozier, W. A., III** and J. B. Hess. 2011. Analytical techniques to evaluate soybean meal quality. Pages 111-124 in Soybean and Nutrition. H. A. El-Shemy, ed. In: Tech Open Access Publisher, Rijeka, Croatia.
- Kerr, B. J., G. C. Shurson, L. J. Johnston, and **W. A. Dozier, III**. 2011. Utilization of crude glycerin in nonruminants. Pages 365-380 in Biodiesel-Quality, Emissions and By-Products. G. Montero and M. Stoytcheva, ed. In: Tech Open Access Publisher, Rijeka, Croatia.

## ARTICLES PUBLISHED IN REFEREED JOURNALS

(Contribution/Impact Factor) \* Denotes graduate student or post-doctoral fellow contributions or and when Dr. Dozier is listed as the last author with the senior author being a graduate student or post-doctoral fellow when he serves as the corresponding author.

- Haetinger, V. S., J. Y. Sung, S. A. Adedokun, **W. A. Dozier**, C. M. Parsons, M. Rodehutschord, and O. Adeola. 2024. Ileal phosphorus digestibility of soybean meal for broiler chickens remains consistent across institutions in a collaborative study regardless of non-phytate phosphorus concentration in the pre-experimental starter diet. *Poult. Sci.* 103:103602.
- \*Aderibigbe, A. S., T. L. Wise, J. D. Davis, V. D. Naranjo, V. Hess, and **W. A. Dozier, III**. 2024. Effects of reduced crude protein diets while maintaining essential amino acid concentrations on growth performance, nitrogen output, ammonia production, and meat yield. *Poult. Sci.* 103:103572.
- **Dozier, W. A., III**, G. L. Cromwell, A. J. Lewis, P. Miller, and M. D. Lindemann. Effects of porcine somatotropin administration on the responses to dietary lysine and a near-ideal blend of amino acids on the amino acid composition of whole-body protein and amino acid accretion rate in growing pigs. *J. Anim. Sci.* 102: skae 134.
- Kerr, B. J., **W. A. Dozier, III**, and D. T. Lee. 2024. Energy and ether digestibility of commercially available lipids fed to broilers. *J. Appl. Poult. Res.* 33:100406.
- Gulizia, J. P., M. T. Terra-Long, Z. Khalid, J. I. Vargas, S. M. Bonilla, J. R. Hernandez, S. Thuekeaw, R. Hauck, K. S. Macklin, **W. A. Dozier, III**, K. W. McCafferty, and W. J. Pacheco. 2024. Response of YPM x Ross 708 male broilers to diets containing varying inclusions of phytase, calcium butyrate, and bacitracin methylene disalicylate from 1 to 42 days of age—Part 1: Performance, processing yields, and nutrient digestibility. Accepted in *Poult. Sci.* (10% / 2.216).
- \*Kreseldi, R., J. A. Johnson, C. L. Walk, M. R. Bedford, and **W. A. Dozier, III**. 2021. Influence of exogenous phytase supplementation on phytate degradation, plasma inositol, alkaline phosphatase, and glucose concentrations of broilers at 28 days of age. *Poult. Sci.* 100:224-234.
- \*Kreseldi, R., C. L. Walk, M. R. Bedford, and **W. A. Dozier, III**. 2021. Inositol and gradient phytase supplementation in broiler diets during a 6-week production period: 1. Effects on growth performance and meat yield. *Poult. Sci.* 100:964-972.
- \*Wise, T. L., P. B. Tillman, J. Soto, K. J. Touchette, and **W. A. Dozier, III**. 2021. Determination of the optimum digestible isoleucine to lysine ratios for male Yield Plus x Ross 708 broilers between 1.0 and 4.0 kg body weight utilizing growth performance and carcass characteristics. *Poult. Sci.* 100:101307.
- \*Philpot, S. C., K. R. Perryman, and **W.A. Dozier, III**. 2020. Growth performance and carcass characteristics of broilers fed diets varying in supplemental copper concentrations from 29 to 53 days of age. *J. Appl. Poult. Res.* 29:289-300.
- Rubio, A. A., J. B. Hess, W. D. Berry, **W. A. Dozier, III**, and W. J. Pacheco. 2020. Effects of feed form and amino acid density on productive and processing performance of broilers. *J. Appl. Poult. Res.* 29:95-105.

- \*Cloft, S. E., S. J. Rochell, K. S. Macklin, and **W. A. Dozier, III**. 2019. Effects of dietary amino acid density and feed allocation during the starter period on 41 days of age growth performance and processing characteristics of broiler chickens given coccidiosis vaccination at hatch. *Poult. Sci.* 98:5005-5016.
- \*Cloft, S. E., S. J. Rochell, K. S. Macklin, and **W. A. Dozier, III**. 2019. Effects of pre-starter and starter diets varying in amino acid density given to broiler chickens that received coccidiosis vaccination at hatch. *Poult. Sci.* 98:4878-4888.
- \*McCafferty, K. W., M. R. Bedford, B. J. Kerr, and **W. A. Dozier, III**. 2019. Effects of age and supplemental xylanase in corn- and wheat-based diets on cecal volatile fatty acid concentrations of broilers. *Poult. Sci.* 98:4787-4800.
- \*McCafferty, K. W., M. R. Bedford, B. J. Kerr, and **W. A. Dozier, III**. 2019. Effects of cereal grain source and supplemental xylanase concentrations on broiler growth performance and cecal volatile fatty acid concentrations from 1 to 40 d of age. *Poult. Sci.* 98:2866-2879.
- \*Meloche, K. J., **W. A. Dozier, III**, T. D. Brandebourg, and J. D. Starkey. 2018. Skeletal muscle growth characteristics and myogenic stem cell activity in broiler chickens affected by wooden breast. *Poult. Sci.* 97:4401-4414.
- \*Meloche, K., B. I. Fancher, D. A. Emmerson, S. F. Bilgili, and **W. A. Dozier, III**. 2018. Effects of reduced digestible lysine density on myopathies of the *Pectoralis major* muscles in broiler chickens at 48 and 62 days of age. *Poult. Sci.* 97:3311-3324.
- \*Kriseldi, R., P. B. Tillman, Z. Jiang, and **W. A. Dozier, III**. 2018. Effects of feeding reduced crude protein diets on growth performance, nitrogen excretion, and plasma uric acid concentration of broiler chicks during the starter period. *Poult. Sci.* 97:1614-1626.
- \*Meloche, K. J., B. I. Fancher, D. A. Emmerson, S. F. Bilgili, and **W. A. Dozier, III**. 2018. Effects of quantitative nutrient allocation on myopathies of the *Pectoralis major* muscles in broiler chickens at 32, 43, and 50 days of age. *Poult. Sci.* 97:1786-1793.
- \*Meloche, K. J., B. I. Fancher, D. A. Emmerson, S. F. Bilgili, and **W. A. Dozier, III**. 2018. Effects of reduced dietary energy and amino acid density on *Pectoralis major* myopathies in broiler chickens at 36 and 49 days of age. *Poult. Sci.* 97:1794-1807.
- \*Kriseldi, R., P. B. Tillman, Z. Jiang, and **W. A. Dozier, III**. 2017. Effects of glycine and glutamine supplementation to reduced crude protein diets on growth performance and carcass characteristics of male broilers during a 41-day production period. *J. Appl. Poult. Res.* 26:558-572.
- Rodehutschord, M., O. Adeola, R. Angel, P. Bikker, E. Delezie, **W. A. Dozier, III**, M. Umar Faruk, M. Francesch, C. Kwakernaak, Nancy, M. Nyachoti, O. A. Olukosi, Preynat,
- Renouf, Saiz del Barrio, K. Schedle, W. Siegert, S. Steinfeldt, M. M. van Krimpen, S. M. Waititu, and M. Witzig. 2017. Results of an international phosphorus digestibility ring test with broiler chickens. *Poult. Sci.* 96:1679-1687.
- **Dozier W. A., III**, \*K. McCafferty, and J. B. Hess. 2017. Growth and meat yield responses of male broilers fed diets formulated with distillers dried grains with solubles varying in ether extract content and inclusion rate during a 49 day production period. *J. Appl. Poult. Res.* 26:23-37.
- Lindblom, S. C., **W. A. Dozier, III**, G. C. Shurson, and B. J. Kerr. 2017. Digestibility of energy and lipids in nurse piglets fed commercially available lipids. *J. Anim. Sci.* 95:239-247.

- \*Perryman, K. R., H. V. Masey O'Neill, M. R. Bedford, and **W. A. Dozier, III**. 2017. Methodology affects measures of phosphorus availability in growing broilers. 1. Effects of calcium feeding strategy and dietary adaptation period length on true ileal phosphorus digestibility and predicted endogenous phosphorus losses. *Poult. Sci.* 96:611-621.
- \*Perryman, K. R., H. V. Masey O'Neill, M. R. Bedford, and **W. A. Dozier, III**. 2017. Methodology affects measures of phosphorus availability in growing broilers. 2. Effects of calcium feeding strategy and dietary adaptation period length on phytate hydrolysis at different locations in the gastrointestinal tract. *Poult. Sci.* 96:622-633.
- \*Perryman, K. R., H. V. Masey O'Neill, M. R. Bedford, R. C. Cattley, and **W. A. Dozier, III**. 2016. Interactive effects of dietary adaptation period length and titration diet type on apparent ileal phosphorus digestibility and phosphorus retention in growing broilers. *Poult. Sci.* 95:2332-2341.
- **Dozier, W. A., III**, P. B. Tillman, and Z. Jiang. 2016. Growth performance and carcass characteristics of male broilers fed diets varying in digestible threonine to lysine ratio from 21 to 49 days of age. *J. Appl. Poult. Res.* 25: 571-580.
- Kerr, B. J., **W. A. Dozier, III**, and G. C. Shurson. 2016. Lipid digestibility and energy content of distillers corn oil in swine and poultry. *J. Anim. Sci.* 94:2900-2908.
- \*Perryman, K. R., H. V. Masey O'Neill, M. R. Bedford, and **W. A. Dozier, III**. 2016. Effects of calcium feeding strategy on true ileal phosphorus digestibility and true phosphorus retention determined with growing broilers. *Poult. Sci.* 95:1077-1087.
- **Dozier W. A., III** and J. B. Hess. 2015. Growth and meat yield responses of Hubbard × Cobb 500 male broilers fed diets formulated with distillers dried grains with solubles varying in ether extract content and inclusion rate from 1 to 33 days of age. *J. Appl. Poult. Res.* 24: 436-450.
- **Dozier W. A., III**, \*K. J. Meloche, P. B. Tillman, and Z. Jiang. 2015. Growth performance of male broilers fed diets varying in digestible threonine to lysine ratio from 1 to 14 days of age. *J. Appl. Poult. Res.* 24: 457-462.
- **Dozier W. A., III**, \*K. R. Perryman, and J. B. Hess. 2015. Apparent ileal amino acid digestibility of reduced-oil distillers dried grains with solubles fed to broilers from 23 to 31 days of age. *Poult. Sci.* 94:379-38.
- \*Campasino, T. York, C. Wyatt, M. R. Bedford, and **W. A. Dozier, III**. 2014. Effect of increasing supplemental phytase concentration in diet fed to Hubbard × Cobb 500 male broilers from 1 to 42 days of age. *J. Appl. Poult. Res.* 23: 705-714.
- \*Meloche, K. J., B. J. Kerr, N. Billor, G. C. Shurson, and **W. A. Dozier, III**. 2014. Validation of prediction equations for apparent metabolizable energy of corn distillers dried grains with solubles in broiler chicks. *Poult. Sci.* 93:1428-1439.
- **Dozier, W. A., III** and \*C. K. Gehring. 2014. Growth performance of Hubbard × Cobb 500 and Ross × Ross 708 male broilers fed diets varying in apparent metabolizable energy from 14 to 28 days of age. *J. Appl. Poult. Res.* 23:494-500.
- \*Gehring, C. K., M. R. Bedford, and **W. A. Dozier, III**. 2014. Effects of step-down phytase regimens on performance and performance yields of male broilers from 1 to 35 d of age. *J. Appl. Poult. Res.* 23:252-259.
- \*Meloche, K. J., B. J. Kerr, G. C. Shurson, and **W. A. Dozier, III**. 2013. Apparent metabolizable energy and prediction equations for reduced-oil corn distillers dried grains with solubles in broiler chicks from 10 to 18 days of age. *Poult. Sci.* 92:3176-3183.



- **Dozier, W. A., III** and Y. Mercier. 2013. Ratio of digestible total sulfur amino acids to lysine of broiler chicks from 1 to 15 days of age. *J. Appl. Poult. Res.* 22:862-871.
- \*Gehring, C. K., M. R. Bedford, and **W. A. Dozier, III**. 2013. Interactive effects of phytase and xylanase supplementation with extractable salt-soluble protein content of corn in diets with adequate calcium and nonphytate phosphorus fed to broilers. *Poult. Sci.* 92:1858-1869.
- \*Gehring, C. K., M. R. Bedford, and **W. A. Dozier, III**. 2013. Extra-phosphoric effects of phytase with or without xylanase in corn-soybean meal-based diets fed to broilers. *Poult. Sci.* 92:979-991.
- \*Gehring, C. K., A. J. Cowieson, M. R. Bedford, and **W. A. Dozier, III**. 2013. Identifying variation in the nutritional value of corn based on chemical kernel characteristics. *World Poultry Sci. J.* 69:299-311.
- \*Perryman, K. R., H. Olanrewaju, and **W. A. Dozier, III**. 2013. Growth performance and meat yields of broiler chickens fed diets containing low and ultra-low oligosaccharide soybean meals during a 6-week production period. *Poult. Sci.* 92:1292-1304.
- \*Rochell, S. J., D. L. Kuhlers, and **W. A. Dozier, III**. 2013. Relationship between in vitro assays and standardized ileal amino acid digestibility of animal protein meals in broilers. *Poult. Sci.* 92:158-170.
- **Dozier, W. A., III**, P. B. Tillman, and J. Usry. 2012. Interactive effects of digestible valine and isoleucine to lysine ratios provided to male broilers from four to six weeks of age. *J. Appl. Poult. Res.* 21:848-858.
- \*Perryman, K. R. and **W. A. Dozier, III**. 2012. Apparent metabolizable energy and apparent ileal amino acid digestibility of low and ultra-low oligosaccharide soybean meals fed to broiler chickens. *Poult. Sci.* 91:2556-2563.
- \*Gehring, C. K., A. J. Cowinson, M. R. Bedford, and **W. A. Dozier, III**. 2012. Effects of corn source on the relationship between in vitro assays and ileal nutrient digestibility. *Poult. Sci.* 91:1908-1914.
- **Dozier, W. A., III**, G. L. Cromwell, and M. D. Lindemann. 2012. Effects of porcine somatotropin administration on the responses of lysine and a near-ideal blend of amino acids for growing pigs. *J. Anim. Sci.* 90:2663-2670.
- \*Rochell, S. J., T. J. Applegate, E. J. Kim, and **W. A. Dozier, III**. 2012. Effects of diet type and ingredient composition on rate of passage and standardized ileal amino acid digestibility in broiler chicks. *Poult. Sci.* 91:1647-1653.
- **Dozier, W. A., III** and R. L. Payne. 2012. Digestible Lys requirements of female broilers from 1 to 15 days of age. *J. Appl. Poult. Res.* 21:348-357.
- Corzo, A., **W. A. Dozier, III**, L. Mejia, C. D. Zumwalt, M. T. Kidd, and P. B. Tillman. 2011. Nutritional feasibility of L-valine inclusion in commercial broiler diets. *J. Appl. Poult. Res.* 20:284-290.
- **Dozier, W. A., III**, B. J. Kerr, and S. L. Branton. 2011. Apparent metabolizable energy of crude glycerin originating from different glycerin sources in broiler chickens. *Poult. Sci.* 90:2582-2534.
- Jacobs, B. M., J. F. Patience, **W. A. Dozier, III**, K. J. Stalder, and B. J. Kerr. 2011. Effects of drying methods on nitrogen and energy concentrations in pig feces and urine, and poultry excreta. *J. Anim. Sci.* 89:2624-2630.

- \*Rochell, S. J., B. J. Kerr, and **W. A. Dozier, III**. 2011. Energy determination of corn co-products fed to broiler chicks from 15 to 24 days of age and use of composition analysis to predict AME<sub>n</sub>. *Poult. Sci.* 90:1999-2007.
- **Dozier, W. A., III**, \*C. K. Gehring, A. Corzo, and H. A. Olanrewaju. 2011. Apparent metabolizable energy needs of male and female broilers from 36 to 47 days of age. *Poult. Sci.* 90:804-814.
- **Dozier, W. A., III**, A. Corzo, M. T. Kidd, P. B. Tillman, and S. L. Branton. 2011. Determination of the fourth and fifth limiting amino acids of broilers fed diets containing maize, soybean meal, and poultry by-product meal from 28 to 42 days of age. *Br. Poult. Sci.* 52:238-244.
- Everett, D., A. Corzo, **W. A. Dozier, III**, P. B. Tillman, and M. T. Kidd. 2010. Lysine and threonine responses in Ross TP16 male broilers. *J. Appl. Poult. Res.* 19: 321-326.
- **Dozier, W. A., III**, A. Corzo, M. T. Kidd, P. B. Tillman, and S. L. Branton. 2010. Digestible lysine requirements of male broilers from 28 to 42 days of age. *Poult. Sci.* 89:2173-2183.
- **Dozier, W. A., III**, K. C. Behnke, \*C. K. Gehring, and S. L. Branton. 2010. Effects of feed form on growth performance and processing yields of broiler chickens during a 42 d production period. *J. Appl. Poult. Res.* 19:219-226.
- Corzo, A., **W. A. Dozier, III**, R. E. Loar, M. T. Kidd, and P. B. Tillman. 2010. Dietary limitation of isoleucine and valine in diets based of maize, soybean meal, and meat-and-bone meal for broiler chickens. *Br. Poult. Sci.* 51:558-563.
- Berres, J., S. L. Vieira, **W. A. Dozier, III**, M. E. M. Cortes, R. de Barros, E. T. Nogueira, and M. Kutschenko. 2010. Broiler responses to reduced protein diets supplemented with valine, isoleucine, glycine, and glutamic acid. *J. Appl. Poult. Res.* 19:68-79.
- Kidd, M. T., A. Corzo, **W. A. Dozier, III**, L. Araujo, C. D. Coufal, and B. J. Kerr. 2010. Decreasing diet density: Direct fed micobials and L-threonine. *Int. J. Poult. Sci.* 9:5-9.
- **Dozier, W. A., III**, A. Corzo, M. T. Kidd, P. B. Tillman, J. L. Purswell, and B. J. Kerr. 2009. Dietary lysine responses of male broilers from fourteen to twenty-eight days of age subjected to different environmental conditions. *J. Appl. Poult. Res.* 18:690-698.
- Kerr, B. J., T. E. Weber, **W. A. Dozier, III**, and M. T. Kidd. 2009. Digestible and metabolizable energy content of crude glycerin originating from different sources in nursery pigs. *J. Anim. Sci.* 87:4042-4049.
- Loar, R. E. II, R. Srinivasan, M. T. Kidd, **W. A. Dozier, III**, and A. Corzo. 2009. Effect of elutriation and sieving processing (Elusieve) of distillers dried grains with soluble on the performance and carcass characteristics of male broilers. *J. Appl. Poult. Res.* 18:494-500.
- **Dozier, W. A., III**, A. Corzo, M. T. Kidd, P. B. Tillman, and S. L. Branton. 2009. Digestible lysine requirements of male and female broilers from fourteen to twenty-eight days of age. *Poult. Sci.* 88:1676-1682.
- **Dozier, W. A., III**, K. Behnke, P. Twining, and S. L. Branton. 2009. Effects of the addition of roller mill ground corn to pelleted feed during a 56 day production period on growth performance and processing yields of broiler chickens. *J. Appl. Poult. Res.* 18:310-317.
- Corzo, A., **W. A. Dozier, III**, R. E. Loar, M. T. Kidd, and P. B. Tillman. 2009. Assessing the threonine-to-lysine ratio of female broilers from 14-to-28 days of age. *J. Appl. Poult. Res.* 18:237-243.

- Virden, W. S., **W. A. Dozier, III**, A. Corzo, and M. T. Kidd. 2009. Physiological stress responses in broilers as affected by drinking water supplements or dietary corn particle size. *J. Appl. Poult. Res.* 18:244-251.
- Corzo, A., M. T. Kidd, **W. A. Dozier, III**, and B. J. Kerr. 2009. Dietary glycine and threonine interaction in broiler grower diets. *J. Appl. Poult. Res.* 18:79-84.
- Lammers, P. J., B. J. Kerr, T. E. Weber, K. Bregendahl, S. M. Lonergan, K. J. Prusa, D. U. Ahn, W. C. Stoffregen, **W. A. Dozier, III**, and M. S. Honeyman. 2008. Growth performance, carcass characteristics, meat quality, and tissue histology of growing pigs fed crude glycerin-supplemented diets. *J. Anim. Sci.* 86:2962-2970.
- Olanrewaju, H. A., **W. A. Dozier, III**, J. L. Purswell, S. L. Branton, D. M. Miles, B. D. Lott, A. J. Pescatore, and J. P. Thaxton. 2008. Growth performance and physiological variables for broiler chickens subjected to short-term elevated carbon dioxide concentrations. *Int. J. Poult. Sci.* 7:738-742.
- Olanrewaju, H. A., J. P. Thaxton, **W. A. Dozier, III**, J. Purswell, S. D. Collier, and S. L. Branton. 2008. Interactive effects of ammonia and light intensity on hematochemical variables in broiler chickens. *Poult. Sci.* 87:1407-1414.
- **Dozier, W. A., III**, A. Corzo, M. T. Kidd, and M. W. Schilling. 2008. Dietary digestible lysine requirements of male and female broilers from forty-nine to sixty-three days of age. *Poult. Sci.* 87:1385-1391.
- Corzo, A., **W. A. Dozier, III**, M. T. Kidd, and D. Hoehler. 2008. Impact of dietary isoleucine status on heavy-broiler production. *Int. J. Poult. Sci.* 7:526-529.
- Purswell, J. L., B. D. Lott, **W. A. Dozier, III**, W. B. Roush, and S. L. Branton. 2008. Assessing thermal comfort of broiler chicks. *Int. J. Poult. Sci.* 7:202-206.
- Lien, R. J., K. S. Macklin, J. B. Hess, **W. A. Dozier, III**, and S. F. Bilgili. 2008. Effects of early skip-a-day feed removal and litter material on broiler live and processing performance and litter bacterial levels. *Int. Poult. Sci.* 7:110-116.
- **Dozier, W. A., III**, M. T. Kidd, and A. Corzo. 2008. Dietary amino acid responses of broiler chickens: A review. *J. Appl. Poult. Res.* 17: 157-167.
- **Dozier, W. A., III**, M. T. Kidd, and A. Corzo. 2008. Apparent metabolizable energy needs of broiler chicks subjected to diverse ambient temperature regimens. *J. Appl. Poult. Res.* 17: 134-140.
- Corzo, A., **W. A. Dozier, III**, and M. T. Kidd. 2008. Valine nutrient recommendations for Ross × Ross 308 broilers. *Poult. Sci.* 87:335-338.
- Lammers, P. J., B. J. Kerr, T. E. Weber, **W. A. Dozier, III**, M. T. Kidd, K. Bregendahl, and M. S. Honeyman. 2008. Digestible and metabolizable energy of crude glycerol for growing pigs. *J. Anim. Sci.* 86:602-608.
- **Dozier, W. A., III**, B. J. Kerr, A. Corzo, M. T. Kidd, T. E. Weber, and K. Bregendahl. 2008. Apparent metabolizable energy of glycerin for broiler chickens. *Poult. Sci.* 87:317-322.
- **Dozier, W. A., III**, M. T. Kidd, A. Corzo, P. R. Owens, and S. L. Branton. 2008. Live performance and environmental impact of broiler chickens fed diets varying in amino acids and phytase. *Anim. Feed Sci. Tech.* 141:92-103.
- Lammers, P. J., B. J. Kerr, M. S. Honeyman, K. Stalder, **W. A. Dozier, III**, T. E. Weber, M. T. Kidd, and K. Bregendahl. 2008. Research Note: Nitrogen-corrected apparent metabolizable energy value of crude glycerol for laying hens. *Poult. Sci.* 87:104-107.

- Virden, W. S., J. P. Thaxton, A. Corzo, **W. A. Dozier, III**, and M. T. Kidd. 2007. Evaluation of models using corticosterone and adrenocorticotropin to induce conditions mimicking physiological stress in commercial broilers. *Poult. Sci.* 86:2485-2491.
- Corzo, A., M. T. Kidd, **W. A. Dozier, III**, G. T. Pharr, and E. A. Koutsos. 2007. Dietary threonine needs for growth and immunity of broilers raised under different litter conditions. *J. Appl. Poult. Res.* 16:574-582.
- Corzo, A., M. T. Kidd, **W. A. Dozier, III**, and S. L. Vieira. 2007. Marginality and needs of dietary valine for broilers fed certain all-vegetable diets. *J. Appl. Poult. Res.* 16:546-554.
- West, M. L., A. Corzo, **W. A. Dozier, III**, M. E. Blair, and M. T. Kidd. 2007. Assessment of dietary rovbio excel in practical United States broiler diets. *J. Appl. Poult. Res.* 16:313-321.
- Olanrewaju, H. A., W. W. Miller, W. R. Maslin, J. P. Thaxton, **W. A. Dozier, III**, J. Purswell, and S. L. Branton. 2007. Interactive effects of ammonia and light intensity on ocular, fear and leg health in broiler chickens. *Int. J. Poult. Sci.* 6:762-769.
- Olanrewaju, H. A., J. P. Thaxton, **W. A. Dozier, III**, and S. L. Branton. 2007. Electrolyte diets, stress, and acid-base balance in broiler chickens. *Poult. Sci.* 86:1363-1371.
- **Dozier, W. A., III**, M. T. Kidd, A. Corzo, J. Anderson, and S. L. Branton. 2007. Dietary amino acid responses of mixed-sex broiler chickens from two to four kilograms. *J. Appl. Poult. Res.* 16:331-343.
- **Dozier, W. A., III**, J. L. Purswell, M. T. Kidd, A. Corzo, and S. L. Branton. 2007. Apparent metabolizable energy needs of broilers from two to four kilograms as influenced by ambient temperature. *J. Appl. Poult. Res.* 16:206-218.
- **Dozier, W. A., III**, A. Corzo, M. T. Kidd, and S. L. Branton. 2007. Dietary apparent metabolizable energy and amino acid density effects on growth and carcass traits of heavy broilers. *J. Appl. Poult. Res.* 16:192-205.
- Olanrewaju, H. A., J. P. Thaxton, **W. A. Dozier, III**, J. Purswell, W. B. Roush, and S. L. Branton. 2006. A review of lighting programs for broiler production. *Int. J. Poult. Sci.* 5:301-308.
- Downs, K. M., R. J. Lien, J. B. Hess, S. F. Bilgili, and **W. A. Dozier, III**. 2006. The effects of photoperiod length, light intensity, and feed energy on growth responses and meat yield of broilers. *J. Appl. Poult. Res.* 15:406-416.
- Olanrewaju, H. A., S. Wongpichet, J. P. Thaxton, **W. A. Dozier, III**, and S. L. Branton. 2006. Stress and acid-base balance in chickens. *Poult. Sci.* 85:1266-1274.
- **Dozier, W. A., III**, M. T. Kidd, A. Corzo, J. Anderson, and S. L. Branton. 2006. Growth performance, meat yield, and economic responses of broilers provided diets varying in amino acid density from thirty-six to fifty-nine days of age. *J. Appl. Poult. Res.* 15:383-393.
- **Dozier, W. A., III**, C. J. Price, M. T. Kidd, A. Corzo, J. Anderson, and S. L. Branton. 2006. Growth performance, meat yield, and economic responses of broilers fed diets varying in metabolizable energy from thirty to fifty-nine days of age. *J. Appl. Poult. Res.* 15:367-382.
- **Dozier, W. A., III**, J. L. Purswell, and S. L. Branton. 2006. Growth responses of male broilers subjected to high air velocity for either twelve or twenty-four hours from thirty-seven to fifty-one days of age. *J. Appl. Poult. Res.* 15:362-366.

- **Dozier, W. A., III**, K. Behnke, M. T. Kidd, and S. L. Branton. 2006. Effects of the addition of roller mill ground corn to pelleted feed on pelleting parameters, broiler performance, and intestinal strength. *J. Appl. Poult. Res.* 15:236-244.
- Thornton, S. A., A. Corzo, G. T. Pharr, **W. A. Dozier, III**, D. M. Miles, and M. T. Kidd. 2006. Valine requirements for immune and growth responses in broilers from 3 to 6 weeks of age. *Br. Poult. Sci.* 47:190-199.
- Thaxton, J. P., **W. A. Dozier, III**, S. L. Branton, G. W. Morgan, D. M. Miles, W. B. Roush, B. D. Lott, and Y. Vizzier-Thaxton. 2006. Stocking density and physiological adaptive responses of broilers. *Poult. Sci.* 85:819-824.
- Corzo, A., M. T. Kidd, **W. A. Dozier, III**, L. A. Shack, and S. C. Burgess. 2006. Protein expression of *pectoralis major* muscle in chickens in response to dietary methionine status. *Br. J. Nutr.* 95:703-708.
- **Dozier, W. A., III**, R. W. Gordon, J. Anderson, M. T. Kidd, A. Corzo, and S. L. Branton. 2006. Growth, meat yield, and economic responses of broilers provided three- and four-phase schedules formulated to moderate and high nutrient density during a fifty-six-day production period. *J. Appl. Poult. Res.* 15:312-325.
- Roush, W. B., **W. A. Dozier, III**, and S. L. Branton. 2006. Comparison of Gompertz and neural network models of broiler growth. *Poult. Sci.* 85:794-797.
- Corzo, A., **W. A. Dozier, III**, and M. T. Kidd. 2006. Dietary lysine needs of late-developing heavy broilers. *Poult. Sci.* 85:457-461.
- **Dozier, W. A., III**, J. P. Thaxton, J. L. Purswell, H. A. Olanrewaju, S. L. Branton, and W. B. Roush. 2006. Stocking density effects on male broilers grown to 1.8 kilograms of body weight. *Poult. Sci.* 85:344-351.
- Corzo, A., M. T. Kidd, **W. A. Dozier, III**, T. J. Walsh, and S. D. Peak. 2005. Impact of dietary amino acid density on broilers grown for the small bird market. *J. Poult. Sci.* 42:329-336. (30% / 0.860).
- Kidd, M. T., A. Corzo, D. Hoehler, E. R. Miller, and **W. A. Dozier, III**. 2005. Broiler responsiveness (Ross x 708) to diets varying in amino acid density. *Poult. Sci.* 84:1389-1396. (10% / 2.216).
- Kidd, M. T., A. Corzo, S. M. Hill, C. D. Zumwalt, E. H. Robinson, and **W. A. Dozier, III**. 2005. Growth and meat yield responses of broilers provided feed subjected to extrusion cooking. *J. Appl. Poult. Res.* 14:536-541. (10% / 1.064).
- Branton, S. L., W. B. Roush, B. D. Lott, J. D. Evans, **W. A. Dozier, III**, S. D. Collier, S. M. D. Bearson, B. L. Bearson, and G. T. Pharr. 2005. Research Note: A self-propelled, constant-speed spray vaccinator for commercial layer chickens. *Avian Dis.* 49:147-151.
- Kidd, M. T., W. S. Virden, A. Corzo, **W. A. Dozier, III**, and D. J. Burnham. 2005. Amino acid density and L-threonine responses in Ross broilers. *Int. J. Poult. Sci.* 4:258-262.
- **Dozier, W. A., III**. 2005. Growth and meat yield responses of male broilers provided feeds subjected to postmix grinding during a 41-day production period. *J. Appl. Poult. Res.* 14:476-482.
- **Dozier, W. A., III**, J. P. Thaxton, S. L. Branton, G. W. Morgan, D. M. Miles, W. B. Roush, B. D. Lott, and Y. Vizzier-Thaxton. 2005. Stocking density effects on growth performance and processing yields of heavy broilers. *Poult. Sci.* 84:1332-1338.

- **Dozier, W. A., III**, W. Hanna, and K. Behnke. 2005. Grinding and pelleting responses of pearl millet-based diets. *J. Appl. Poult. Res.* 14:269-274.
- **Dozier, W. A., III**, B. D. Lott, and S. L. Branton. 2005. Live performance of male broilers subjected to constant or increasing air velocities at moderate temperatures with a high dew point. *Poult. Sci.* 84:1328-1331.
- **Dozier, W. A., III**, B. D. Lott, and S. L. Branton. 2005. Growth responses of male broilers subjected to increasing air velocities at high ambient temperatures and a high dew point. *Poult. Sci.* 84:962-966.
- **Dozier, W. A., III** and N. M. Dale. 2005. Metabolizable energy of feed-grade and pet food-grade poultry by-product meals. *J. Appl. Poult. Res.* 14:349-351.
- Hudson, B. P., **W. A. Dozier, III**, and J. L. Wilson. 2005. Short Communication: Broiler live performance response to dietary zinc source and the influence of zinc supplementation in broiler breeder diets. *Anim. Feed Sci. Tech.* 118:329-335.
- **Dozier, W. A., III**, N. M. Dale, and A. F. Giesen. 2004. Fat quality assessments of feed-grade and pet food-grade poultry by-product meals. *J. Appl. Poult. Res.* 13:680-683.
- Hudson, B. P., **W. A. Dozier, III**, J. L. Wilson, J. E. Sander, and T. L. Ward. 2004. Reproductive performance and immune status of caged broiler breeder hens provided diets supplemented with either inorganic or organic sources of zinc from hatching to 65 wk of age. *J. Appl. Poult. Res.* 13:349-359.
- Hidalgo, M. A., **W. A. Dozier, III**, A. J. Davis, and R. W. Gordon. 2004. Live performance and meat yield responses of broilers to progressive concentrations of dietary energy maintained at a constant metabolizable energy-to-crude protein ratio. *J. Appl. Poult. Res.* 13:319-327.
- Hidalgo, M. A., A. J. Davis, N. M. Dale, and **W. A. Dozier, III**. 2004. Use of whole pearl millet in broiler diets. *J. Appl. Poult. Res.* 13:229-234.
- Hudson, B. P., B. D. Fairchild, J. L. Wilson, **W. A. Dozier, III**, and R. J. Buhr. 2004. Breeder age and zinc source in broiler breeder hen diets on progeny characteristics at hatching. *J. Appl. Poult. Res.* 13:55-64.
- Hudson, B. P., **W. A. Dozier, III**, B. D. Fairchild, J. L. Wilson, J. E. Sander, and T. L. Ward. 2004. Live performance and immune responses of straight-run broilers: Influences of zinc source in broiler breeder hen and progeny diets and ambient temperature during the broiler production period. *J. Appl. Poult. Res.* 13:291-301.
- Burrell, A. L., **W. A. Dozier, III**, A. J. Davis, M. M. Compton, M. E. Freeman, P. F. Vendrell, and T. L. Ward. 2004. Responses of broilers to dietary zinc concentrations and sources in relation to environmental implications. *Br. Poult. Sci.* 45:255-263.
- **Dozier, W. A., III**, N. M. Dale, and C. R. Dove. 2003. Nutrient composition of feed-grade and pet-food-grade poultry by-product meal. *J. Appl. Poult. Res.* 12:526-530.
- **Dozier, W. A., III**, A. J. Davis, M. E. Freeman, and T. L. Ward. 2003. Early growth and environmental implications of dietary zinc and copper concentrations and sources of broiler chicks. *Br. Poult. Sci.* 44:726-731.
- **Dozier, W. A., III**, R. J. Lien, J. B. Hess, and S. F. Bilgili. 2003. Influence of early skip-a-day feed removal on live performance and carcass yield of broilers of different sexes and strain sources. *J. Appl. Poult. Res.* 12:439-448.
- **Dozier, W. A., III**, E. T. Moran, Jr., and M. T. Kidd. 2003. Broiler chick utilization of threonine from fermentation by-product broth. *J. Appl. Poult. Res.* 12:299-305.

- Kidd, M. T., C. D. Zumwalt, S. J. Barber, **W. A. Dozier, III**, D. W. Chamblee, and C. Wiernusz. 2003. Threonine responses of female Cobb 500 broilers from days 42 to 56. *J. Appl. Poult. Res.* 12:130-136.
- Kidd, M. T., S. J. Barber, W. S. Virden, **W. A. Dozier, III**, D. W. Chamblee, and C. Wiernusz. 2003. Threonine responses of Cobb male finishing broilers in differing environmental conditions. *J. Appl. Poult. Res.* 12:115-123.
- **Dozier, W. A., III**, R. J. Lien, J. B. Hess, S. F. Bilgili, R. W. Gordon, C. P. Laster, and S. L. Vieira. 2002. Effects of early skip-a-day feed removal on broiler live performance and carcass yield. *J. Appl. Poult. Res.* 11:297-303.
- **Dozier, W. A., III** and E. T. Moran, Jr. 2002. Dimensions and light reflectance of broiler breast fillets: Influence of strain, sex, and feeding regimen. *J. Appl. Poult. Res.* 11:202-208.
- **Dozier, W. A., III**, E. T. Moran, Jr., and M. T. Kidd. 2001. Male and female broiler responses to low and adequate dietary threonine on nitrogen and energy balance. *Poult. Sci.* 80:926-930.
- **Dozier, W. A., III** and E. T. Moran, Jr. 2001. Response of early- and late-developing broilers to nutritionally adequate and restrictive feeding regimens during the summer. *J. Appl. Poult. Res.* 10:92-98.
- **Dozier, W. A., III**, E. T. Moran, Jr., and M. T. Kidd. 2001. Comparisons of male and female broiler responses to dietary threonine from 42 to 56 days of age. *J. Appl. Poult. Res.* 10:53-59.
- **Dozier, W. A., III**, E. T. Moran, Jr., and M. T. Kidd. 2000. Threonine requirement of broiler males from 42 to 56 days in a summer environment. *J. Appl. Poult. Res.* 9:496-500.
- **Dozier, W. A., III**, E. T. Moran, Jr., and M. T. Kidd. 2000. Responses of fast- and slow-feathering male broilers to dietary threonine during 42 to 56 days of age. *J. Appl. Poult. Res.* 9:460-467.
- **Dozier, W. A., III**, E. T. Moran, Jr., and M. T. Kidd. 2000. Threonine requirements for broiler males from 42 to 56 days of age. *J. Appl. Poult. Res.* 9:214-222. (50% / 1.064).
- Rude, B. J., D. L. Rankins, Jr., and **W. A. Dozier, III**. 1994. Nitrogen and energy metabolism and serum constituents in lambs given broiler poultry litter processed by three deep-stacking methods. *Anim. Prod.* 58:95-101.

#### SCIENTIFIC PROCEEDINGS

- **Dozier, W. A., III**. 2024. Amino Acids. Informal Nutrition Symposium: The Nutrient Requirements of Poultry, 10th Revised Edition. Poultry Science Association Annual Meeting, Louisville, Kentucky. 1 pp.
- **Dozier, W. A., III**. 2024. Broilers. Informal Nutrition Symposium: The Nutrient Requirements of Poultry, 10th Revised Edition. Poultry Science Association Annual Meeting, Louisville, Kentucky. 1 pp.
- **Dozier, W. A., III** and R. Kriseldi. 2019. Views on ideal or lower protein levels for meat chickens and approaches to second tier amino acids. Australian Poultry Science Symposium, Sydney, Australia. 8 pp.
- **Dozier, W. A., III** and M. T. Kidd. 2014. Effects of amino acid supplementation with reduced crude protein diets fed to broilers from 29 to 40 days of age. European Poultry Conference, Stavanger, Norway. 4 pp.

- \*Meloche, K. J., S. F. Bilgili, and **W. A. Dozier, III**. 2014. Effects of genetic strain, sex, and dietary amino acid density on myopathies of the *Pectoralis major* in broiler chickens at 28, 42, and 56 days of age. European Poultry Conference, Stavanger, Norway. 4 pp.
- Kenneth Macklin, L. B. Olivia and **W. Dozier**. 2014. Effects of distillers dried grains with solubles (DDGS) on necrotic enteritis development in broiler chickens. European Poultry Conference, Stavanger, Norway. 4 pp.
- **Dozier, W. A., III**. 2013. New era in amino acid nutrition. Second International Poultry Meat Congress, Antalya, Turkey. 10 pp.
- **Dozier, W. A., III**, P. Tillman, and J. Usry. 2012. Effects of varying digestible Val and Ile ratios in diets fed to Ross × Ross 708 male broilers from 26 to 40 d of age. XXIV World's Poultry Congress, Salvador, Brazil. 4 pp.
- **Dozier, W. A., III** and Y. Mercier. 2012. Digestible TSAA to Lys ratio for male broilers from 1 to 14 d of age. XXIV World's Poultry Congress, Salvador, Brazil. 4 pp.
- Macklin, K. S., L. N. Rose, and **W. A. Dozier, III**. 2011. The effects of different levels of DDGS on necrotic enteritis development in broiler chickens. Proceedings of the Sixtieth Western Poultry Disease Conference, Sacramento California. 3 pp.
- **Dozier, W. A., III**, P. Tillman, and J. Usry. 2011. Interactive effects of digestible Val and Ile ratios with Ross × Ross 708 male broilers from 26 to 41 d of age. 18<sup>th</sup> European Symposium on Poultry Nutrition. Cesme, Izmir, Turkey. 3 pp.
- **Dozier, W. A., III**, N. E. Ward, and S. L. Vieira. 2010. Broiler responses of diets with protease supplementation. XIII<sup>th</sup> European Poultry Conference, Tours, France. 5 pp.
- **Dozier, W. A., III**, M. T. Kidd, and A. Corzo. 2008. Effects of reducing crude protein in diets fed to broiler chickens from 36 to 59 days of age. XXIII World's Poultry Congress, Brisbane, Australia. 4 pp.
- **Dozier, W. A., III**, A. Corzo, and M. T. Kidd. 2008. Effects of reducing crude protein in diets supplemented with Lys, Met, and Thr fed to broiler chickens six to eight weeks of age. XXIII World's Poultry Congress, Brisbane, Australia. 4 pp.
- Purswell, J. L., B. D. Lott, **W. A. Dozier, III**, W. B. Roush, and S. L. Branton. 2006. Assessing thermal comfort of broiler chicks during brooding. American Society of Agricultural Engineers No. 064014. 10 pp.

#### INDUSTRY PROCEEDINGS

- **Dozier, W. A., III**. 2018. Understanding the needs of branch chain amino acids in broiler production. Animal Nutrition Conference of Canada. Edmonton, Alberta. 5 pp.
- **Dozier, W. A., III** and R. Kriseldi. 2017. Minimising protein: How far down the essential amino acid list do we go? Poultry Beyond 2023 6<sup>th</sup> International Broiler Nutritionists' Conference Queenstown, New Zealand. 10 pp.
- **Dozier, W. A., III**, K. J. Meloche, and B. J. Kerr. 2014. The utilization of corn co-products of broilers. Mid-Atlantic Nutrition Conference, Baltimore, Maryland. 8 pp.
- Tillman, P. B. and **W. A. Dozier, III**. 2013. Current amino acid considerations for broilers: requirements, ratios, and economics. Arkansas Nutrition Conference, Rogers, Arkansas. 20 pp.
- **Dozier, W. A., III**. 2012. Dietary amino acid strategies to optimize broiler growth and meat yield. Massey Technical Update Conference, Monogastric Research Center, Massey University, Palmerston North, New Zealand. 16 pp.



- **Dozier, W. A., III.** 2012. Broiler nutrition and production in the United States. Massey Technical Update Conference, Monogastric Research Center, Massey University, Palmerston North, New Zealand. 4 pp.
- Cowieson, A. J., \*C. K. Gehring, and **W. A. Dozier, III.** 2011. Know your maize. Massey Technical Update Conference, Monogastric Research Center, Massey University, Palmerston North, New Zealand. 18 pp.
- **Dozier, W. A., III.** 2011. Use of composition analysis to predict to predict AME in co-products from the biofuels industry. Carolina Feed Industry Association 38<sup>th</sup> Annual Poultry Nutrition Conference, Raleigh, North Carolina. 2 pp.
- \*Gehring, C. K. and **W. A. Dozier, III.** 2011. Effects of corn quality on nutrient digestibility. Mid-Atlantic Nutrition Conference, Baltimore, Maryland. 9 pp.
- **Dozier, W. A., III.** 2010. Early broiler responses to dietary amino acids. Multi-State Poultry Nutrition Conference, Indianapolis, Indiana. 15 pp.
- **Dozier, W. A., III.** 2009. Dietary amino acid needs for modern broilers. Mid-Atlantic Nutrition Conference, Baltimore, Maryland. 7 pp.
- **Dozier, W. A., III,** B. J. Kerr, and K. Bregendahl. 2008. Glycerin as an energy source for poultry diets. Midwest Poultry Federation Meeting, Minneapolis, Minnesota. 8 pp.
- **Dozier, W. A., III.** 2007. Dietary ME and amino acid responses of broilers destined for debone markets. Arkansas Nutrition Conference, Rogers, Arkansas. 16 pp.
- Kerr, B. J., **W. A. Dozier, III,** and K. Bregendahl. 2007. Nutritional value of glycerol for nonruminants. Carolina Swine Nutrition Conference. Raleigh, North Carolina. 12 pp.
- Kerr, B. J., **W. A. Dozier, III,** and K. Bregendahl. 2007. Nutritional value of glycerol for nonruminants. Minnesota Nutrition Conference. Minneapolis, Minnesota. 7 pp.
- Noll, S., C. Parsons, and **W. A. Dozier, III.** 2007. Formulating poultry diets with DDGS – How far can we go? Mid-Atlantic Nutrition Conference, Baltimore, Maryland. 10 pp.
- Corzo, A. and **W. A. Dozier, III.** 2006. Dietary protein supply on nutrition and ammonia. California Animal Nutrition Conference, Fresno, California. 10 pp.
- **Dozier, W. A., III.** 2004. Mineral needs of broiler breeders. Arkansas Nutrition Conference, Rogers, Arkansas. 10 pp.
- **Dozier, W. A., III.** 2001. Nutritional modifications to enhance eggshell quality. Southeastern Commercial Egg Producers Forum, Jacksonville, Florida. 4 pp.
- **Dozier, W. A., III,** E. T. Moran, Jr., and M. T. Kidd. 1999. Threonine requirement of the 3.7 kg broiler male. 1. Live performance and further-processing yields. Eleventh Biokyowa Amino Acid Meeting, Toronto, Canada. 17 pp.

#### PEER-REVIEWED EXTENSION BULLETINS

- **Dozier, W. A., III.** 2024. Managing uniformity in rearing: Feeder space and feed distribution. ANR-3110, Alabama Cooperative Extension System.
- Lee, D., W. Hanna, G. D. Buntin, **W. Dozier,** P. Timper, and J. P. Wilson. 2004. Pearl millet for grain. The University of Georgia Extension Bulletin 1216.
- **Dozier, W. A., III** and N. B. Smith. 2002. Economic assessment of bobwhite quail production. The University of Georgia Extension Bulletin 1220.
- **Dozier, W. A., III** and K. Bramwell. 2002. Nutrition guide for bobwhite quail production. The University of Georgia Extension Bulletin 1218.

- **Dozier, W. A., III**, K. Bramwell, and J. Hatkin. 2002. Bobwhite quail production and management guide. The University of Georgia Extension Bulletin 1215.
- **Dozier, W. A., III**, M. P. Lacy, and L. R. Vest. 2001. Broiler production and management. The University of Georgia Extension Bulletin 1197.

#### EXTENSION NON-REFERRED ARTICLES

- **Dozier, W. A., III**. 2024. Feed management of broiler breeder males in the lay cycle. Modern Poultry November.
- **Dozier, W. A., III**. 2024. Best practices for litter management during downtime. Alabama Poultry Magazine July/August: Vol. 19 No. 4: 20 and 21.
- **Dozier, W. A., III**. 2024. How to minimize feather picking in broiler breeders? Watt Poultry USA July/August.
- **Dozier, W. A., III**. 2024. Tips to reduce piling during rearing. Alabama Poultry Magazine January/February: Vol. 19 No. 1: 18 and 19.
- Hess, J. B., W. J. Pacheco, W. D. Berry, and **W. A. Dozier**. 2017. Mycotoxins in broiler and breeder feeds. Alabama Poultry Magazine January/February: Vol. 12 No. 1: 24 and 26.
- Hess J. B., **W. Dozier**, and J. Blake. 2014. "Rendered Animal Products." *Poultry Times* 61, no. 1: 1.
- Hess, J., **B. Dozier**, and J. Blake. 2012. Rendered animal products. Alabama Poultry Magazine September/October: 25 and 30.
- Hess, J. B., J. P. Blake, **W. A. Dozier, III**, G. R. Wetje, and J. A. Mosjidis. 2012. Toxic weed seeds: A visual guide for feed producers. *Feed Management* 63 (3):20-22.
- Kerr, B. J. and **W. A. Dozier, III**. 2008. Crude glycerin for monogastric feeds. *Render* XXXVII (4).
- **Dozier, W. A., III**. 2004. Nutritional considerations for broiler breeders. *Watt Poultry e-Digest* 4 (2).
- **Dozier, W. A., III**. 2004. Low nipple flow rates hurt broiler performance. *Poultry Times* LI (17):9.
- **Dozier, W. A., III**. 2003. Early chick nutrition influences broiler performance. *Feed Management* 54 (10):19-20.
- **Dozier, W. A., III**. 2003. Optimizing the conditioning process. *Feed Management* 54 (9):23-27.
- **Dozier, W. A., III** and J. Donald. 2003. Important points to follow for successful brooding. *Poultry Times* L (16):10 and 16.
- **Dozier, W. A.** 2003. How to improve steam efficiency? *Watt Poultry e-Digest* 3 (7).
- **Dozier, W.** 2003. Programa de alimentacion en dos fases para productoras. *Industria Avicola* 50 (4):20-21.
- Lott, B. D. and **W. A. Dozier, III**. 2003. Measure flow rates and avoid cuts in weight gain. *World Poultry* 19 (5):18-19.
- **Dozier, W. A., III**. 2003. How much water is enough? *Watt Poultry e-Digest* 3 (5).
- **Dozier, W. A., III**. 2003. Minimize cost: Maintain your boiler. *Feed Management* 54 (3):23-26.
- Dale, N. and **W. A. Dozier**. 2003. 'Scratch feed' not intended to be sole source of nutrients. *Poultry Times* L (6):18.

- **Dozier, W. A., III.** 2003. Tips on minimizing losses from gangrenous dermatitis. *Poultry Times L* (4):14.
- **Dozier, W. A., III.** 2002. Broilers: Female finishers need less threonine. *Feed Management* 53 (10):23-25.
- **Dozier, W. A.** 2002. Ammonia and broiler performance. *Watt Poultry e-Digest* 2 (12).
- **Dozier, W. A., III.** 2002. One key to smooth operation: Pellet mill lubrication. *Feed Management* 53 (8):26-29.
- **Dozier, W. A., III.** 2002. Cleaning evaporative cooling pads makes a difference. *Poultry Times XLIX* (17):10.
- **Dozier, W. A., III.** 2002. Reducing utility cost in the feed mill. *Watt Poultry USA* 3 (7):40-44.
- **Dozier, W. A., III.** 2002. A feed miller's guide to fat. *Feed Management* 53 (6):19-22.
- **Dozier, W. A., III.** 2002. U.S. Poultry and Egg Association feed mill survey. *Watt Poultry e-Digest* 2 (7).
- **Dozier, W.** 2002. Cleaning and maintaining evaporative cooling pads is important. *The Communicator*, June issue:4.
- **Dozier, W. A.** 2002. Hot weather tip. *Watt Poultry e-Digest* 2 (5).
- **Dozier, W. A., III.** 2002. Feed to meet the need. *Feed Management* 53 (5):11-14.
- **Dozier, W. A., III.** 2002. Mash conditioning and vitamin stability. *Feed International* 23 (5):20-24.
- **Dozier, W. A., III.** 2002. Principios de la crianza. *Industria Avicola* 49 (5):20-24.
- **Dozier, W. A., III.** 2002. Control costs: Manage steam line efficiency. *Feed Management* 53 (1):25-28.
- **Dozier, W. A., III.** 2001. Additional dietary threonine may improve returns. *Feedstuffs* 73 (50):13-14.
- **Dozier, W. A., III.** 2001. Back to school: The ABC's of boiler water quality. *Feed Management* 52 (9):21-23.
- **Dozier, W. A., III.** 2001. Broiler performance depends on brooding management. *Poultry Times XLVIII* (23):9 and 10.
- **Dozier, B.** 2001. Sand can substitute for litter. *Poultry Times XLVIII* (19):14 and 19.
- **Dozier, W. A., III.** 2001. Are you prepared for FDA inspection? A guide for broiler feed mill managers to meet FDA requirements. *Feed Management* 52 (6):23-26.
- **Dozier, W. A., III.** 2001. Pelet de calidad para obtener carne de ave mas economica. *Alimentos Balanceados Para Animales* 8 (3):16-19.
- **Dozier, W. A., III.** 2001. Pellet quality for most economical poultry meat. *Feed International* 22 (6):28-33.
- **Dozier, B.** 2001. Don't ignore yield. *Watt Poultry USA* 2 (3):52-56.
- **Dozier, W. A., III.** 2001. Cost-effective pellet quality for meat birds. *Feed Management* 52 (2):21-23.
- **Dozier, B.** 2000. Gamebird Producers Forum. *Wildlife Harvest* 31 (10):45.
- **Dozier, W. A., III.** 2000. Economically and ecologically sound poultry nutrition: How to manage dietary phosphorus in environmentally sensitive areas. *Feed Management* 51 (10):27-30.

## EXTENSION NEWSLETTERS

- **Dozier, W. A., III.** 2024. Importance of a Water Cleaning and Sanitation Program. Poultry Management Newsletter Volume 1 Number 5, Auburn University.
- **Dozier, W. A., III.** 2024. Poultry Team Webinar Series. Poultry Management Newsletter Volume 1 Number 4, Auburn University.
- **Dozier, W. A., III.** 2024. Grading Males: A tool for body weight management in rearing. Poultry Management Newsletter Volume 1 Number 3, Auburn University.
- **Dozier, W. A., III.** 2024. Pullet and broiler breeder conference. Poultry Management Newsletter Volume 1 Number 2, Auburn University.
- **Dozier, W. A., III.** 2024. Body weight uniformity in rearing: Feeder space and stocking density. Poultry Management Newsletter Volume 1 Number 1, Auburn University.
- **Dozier, W. A., III, J. Donald, J. Campbell, and G. Simpson.** 2006. Big birds, hot weather – and maximum comfort, performance, and profit. The Alabama Poultry Engineering and Economics Newsletter (42), Auburn University.
- **Dozier, B.** 2005. Influence of air speed on broiler performance and profitability. Emerging Trends. Quarterly Newsletter of the Mississippi Poultry Association, Summer issue.
- **Dozier, W. A., III.** 2003. Economic evaluation of purchasing propane gas as “tanker” loads. November, Broiler Tip, The University of Georgia.
- **Dozier, W. A., III.** 2003. Low nipple flow rates: Poor broiler performance. May, Broiler Tip The University of Georgia.
- **Dozier, W. A., III.** 2003. Factors influencing feather loss in bobwhite quail. January, Backyard Flock Tip, The University of Georgia.
- **Dozier, W. A., III.** 2003. Managing the hammer mill to minimize moisture loss. Feed Milling Facts 4 (3), The University of Georgia.
- **Dozier, W. A., III.** 2003. OSHA record keeping system. Feed Milling Facts 4 (2), The University of Georgia.
- **Dozier, W. A., III.** 2003. Evaluating the power bill. Feed Milling Facts 4 (1), The University of Georgia.
- **Dozier, W. A., III.** 2002. Influence of ammonia on broiler performance. September, Broiler Tip, The University of Georgia.
- **Dozier, W. A., III.** 2002. Influence of dietary protein level and a direct fed microbial on bobwhite quail performance. July, Backyard Flock Tip, The University of Georgia.
- **Dozier, W. A., III.** 2002. The importance of cleaning and maintaining evaporative cooling pads. March, Broiler Tip, The University of Georgia.
- **Dozier, W. A., III.** 2002. *Salmonella* control in the feed mill. Feed Milling Facts 3 (4), The University of Georgia.
- **Dozier, W. A., III.** 2002. Evaluating poultry fat as a fuel source for boilers. Feed Milling Facts 3 (3), The University of Georgia.
- **Dozier, W. A., III.** 2002. Influence of conditioning temperature on energy usage. Feed Milling Facts 3 (2), The University of Georgia.
- **Dozier, W. A., III.** 2002. Tuning the boiler. Feed Milling Facts 3 (1), University of Georgia.
- **Czarick, M. and B. Dozier.** 2002. Broiler lighting programs. Poultry Housing Tips 14 (2), The University of Georgia.

- **Dozier, W. A., III.** 2001. Two-phase feeding program for broiler breeders. November, Hatchery/Breeder Tip, The University of Georgia.
- Dale, N. and **W. A. Dozier, III.** 2001. “Scratch feed” is not “feed”. September, Backyard Tip, The University of Georgia.
- **Dozier, W. A., III.** 2001. Minimizing gangrenous dermatitis losses. July, Broiler Tip, The University of Georgia.
- **Dozier, W. A., III.** 2001. Capillaria worms. May, Backyard Flock Tip, The University of Georgia.
- **Dozier, W. A., III.** 2001. Is sand an alternative litter source for broilers? March, Broiler Tip, The University of Georgia.
- **Dozier, W. A., III.** 2001. Minimizing steam losses. Feed Milling Facts 2 (2), The University of Georgia.
- **Dozier, W. A., III.** 2001. Proper use of ladders. Feed Milling Facts 2 (1), The University of Georgia.
- Czarick, M., M. Lacy, and **B. Dozier.** 2001. Water usage and broiler performance. Poultry Housing Tips 13 (5), The University of Georgia.
- **Dozier, W. A., III** and J. Donald. 2001. Keys to successful brooding. The Alabama Poultry Engineering and Economics Newsletter (14), Auburn University.
- **Dozier, W. A., III.** 2001. Management of quail poxvirus. Gamebird News 2 (1), The University of Georgia.
- **Dozier, W. A., III.** 2001. Gamebird producers forum. Gamebird News 2 (2), The University of Georgia.
- **Dozier, W. A., III.** 2000. Update on the notice of proposed rulemaking to amend existing scale regulations under the packers and stockyard act. Feed Milling Facts 1 (1), The University of Georgia.
- **Dozier, W. A., III.** 2000. Rodent control management tips. Gamebird News 1 (2), The University of Georgia.
- Bramwell, K. and **W. A. Dozier, III.** 2000. First Gamebird Producers Forum in South Georgia a success. Gamebird News 1 (1), The University of Georgia.

#### EXTENSION WORKSHOPS AND CONFERENCES

- Pullet and Broiler Breeder Conference. 2024. The conference was held at Charles Miller Poultry Research and Education Center on August 14. This conference attracted approximately 85 participants from seven states across the southeast. The conference focused on management practices to optimize reproductive performance.
- Feed Mill Manufacturing Workshop with U.S. Poultry and Egg Association. 2015. The workshop was held at Charles Miller Poultry Research and Education Center on November 3 and 4. This workshop was a combination of presentations and “hands on” demonstrations in the feed mill focusing on pelleting and cooling. The workshop attracted attendees from seven states.
- Feed Mill Manufacturing Workshop with U.S. Poultry and Egg Association. 2014. Charles Miller Poultry Research and Education Center, October 7 and 8, 2014. This workshop was a combination of presentations and “hands on” demonstrations in the feed mill focusing on conditioning and pelleting. The workshop attracted attendees from eight states.

- Broiler Nutrition Research Update provided to poultry nutritionists and live production managers throughout Alabama and adjoining states. This seminar was held in Cullman in 2010 and Gardendale, Alabama from 2011-2014.
- University of Georgia Feed Mill Management Conference held in 2002 and 2003. This conference was an educational opportunity for feed mill personnel from broiler integrated operations. This conference attracted 50 attendees from seven states.
- Deep South Poultry Conference was held in Tifton, Georgia in 2001, 2002, and 2003 for live production service personnel for broiler and broiler breeder grow-out operations. This conference had approximately 120 attendees throughout Georgia and southeast Alabama.
- Gamebird Producers Forum, Program Coordinator, Tifton, Georgia in 2001. This conference provided education to game bird producers on grow-out and health. This conference had 50 participants from Georgia, Alabama, and South Carolina.

## OUTREACH PRESENTATIONS WITH PUBLISHED TEXT

### State and Regional

- **Dozier, W. A., III.** 2012. Dietary amino acid needs of broilers. Poultry Nutrition and Milling Seminar. Alabama Feed and Grain Association, Guntersville, Alabama, May 17.
- **Dozier, W. A., III.** 2003. Water management. Georgia Poultry Conference, Athens, Georgia, September 25.
- **Dozier, W. A., III.** 2003. Nutritional considerations for broiler breeders. Georgia Poultry Conference, Athens, Georgia, September 25.
- **Dozier, W. A., III.** 2002. Effects of ammonia production on broiler production. Georgia Poultry Conference, Athens, Georgia, September 25.
- **Dozier, W. A., III.** 2002. Economic benefits of a safety program. Feed Milling Forum, Tifton, Georgia, September 18.
- **Dozier, W. A., III.** 2001. Consequences of improper brooding on broiler performance. Alabama Broiler Seminar, Auburn University, Alabama, October 3.
- **Dozier, W. A., III.** 2001. Nutritional modifications to enhance eggshell quality. Southeastern Commercial Egg Producers Forum, Jacksonville, Florida, May 10.

### National

- **Dozier, W. A., III** and Ruben Kriseldi. 2016. Amino acid supplementation limits in poultry nutrition. 77<sup>th</sup> Minnesota Nutrition Conference, Prior Lake, Minnesota, September 21.
- \*Perryman, K. R. and **W. A. Dozier, III.** 2015. Current research evaluating phosphorus and calcium digestibility in poultry. Multi-State Poultry Feeding and Nutrition Conference, Indianapolis, Indiana, May 20.
- **Dozier, W. A., III,** \*K. J. Meloche, and B. J. Kerr. 2014. The utilization of corn co-products of broilers. Mid-Atlantic Nutrition Conference, Baltimore, Maryland. March 27.
- Tillman, P. B. and **W. A. Dozier, III.** 2013. Current amino acid considerations for broilers: requirements, ratios, and economics. Arkansas Nutrition Conference, Rogers, Arkansas. September 3.
- Hess, J. B., **W. A. Dozier,** K. S. Macklin, S. F. Bilgili, and W. D. Berry. 2013. Feeding broilers on built-up litter. Carolina Feed Industry Association 40<sup>th</sup> Annual Poultry Nutrition Conference, Raleigh, North Carolina. November 13.

- **Dozier, W. A., III** and \*K. J. Meloche. 2013. Use of chemical composition analysis to predict apparent metabolizable energy of distiller's dried grains with solubles in poultry. Distiller's Grains Technology Council Symposium, Bloomington, Minnesota, May 16.
- **Dozier, W. A., III.** 2013. Cause and effects of grinding and mixing: U.S. Poultry and Egg Association Feed Mill Management Seminar, Nashville, Tennessee, March 19.
- **Dozier, W. A., III.** 2013. Opportunities that trait enhanced soybean meal brings to broilers. Opportunities of Soybean Meal Characteristics, American Society of Animal Science, Midwest Meeting, Des Moines, Iowa, March 12.
- **Dozier, W. A., III.** 2012. Opportunities that trait enhanced soybean meal brings. Soybean Meal symposium (Soybean Meal, the Past & Future), Poultry Science Association Annual Meeting, Athens, Georgia. July 24.
- **Dozier, W. A., III.** 2011. Use of composition analysis to predict to predict AME in co-products from the biofuels industry. Carolina Feed Industry Association 38<sup>th</sup> Annual Poultry Nutrition Conference, Raleigh, North Carolina. November 9.
- **Dozier, W. A. III** and \*C. K. Gehring, 2011. Effects of corn quality on nutrient digestibility. Mid-Atlantic Nutrition Conference, Timonium, Maryland, March 23.
- **Dozier, W. A., III.** 2010. Early broiler responses to dietary amino acids. Multi-State Poultry Nutrition Conference, Indianapolis, Indiana, May 26.
- **Dozier, W. A., III.** 2009. Dietary amino acid needs for modern broilers. Mid-Atlantic Nutrition Conference, Timonium, Maryland, March 26.
- **Dozier, W. A., III.** 2008. Summer night ventilation. U.S. Poultry and Egg Association Poultry Production and Health Seminar, Nashville, Tennessee, September 18.
- **Dozier, W. A., III.** 2008. Glycerin as an energy source for poultry diets. Midwest Poultry Federation Meeting, Minneapolis, Minnesota, March 19.
- Kerr, B. J., **W. A. Dozier, III**, and K. Bregendahl. 2007. Nutritional value of glycerol for nonruminants. Carolina Swine Nutrition Conference. Raleigh, North Carolina, November 13.
- Kerr, B. J., **W. A. Dozier, III**, and K. Bregendahl. 2007. Nutritional value of glycerol for nonruminants. Minnesota Nutrition Conference. Minneapolis, Minnesota, September 11.
- Noll, S., C. Parsons, and **W. A. Dozier, III.** 2007. Formulating poultry diets with DDGS – How far can we go? Mid-Atlantic Nutrition Conference, Baltimore, Maryland, March 29.
- **Dozier, W. A., III.** 2007. Effects of altering diet composition and feed enzyme supplementation on broiler performance. U.S. Poultry and Egg Association Poultry Production and Health Seminar, Memphis, Tennessee, September 19.
- **Dozier, W. A., III.** 2007. Dietary ME and amino acid responses of broilers destined for debone markets. Arkansas Nutrition Conference, Rogers, Arkansas, September 13.
- **Dozier, W. A., III.** 2007. Ventilation and management for large broilers. North Carolina Broiler Supervisors' Short Course, Sanford, North Carolina, April 17.
- **Dozier, W. A., III.** 2007. Ethanol-dried distiller's grains/alternative ingredients. U.S. Poultry and Egg Association Feed Mill Management Seminar, Nashville, Tennessee, March 21.
- Corzo, A. and **W. A. Dozier, III.** 2006. Dietary protein supply on nutrition and ammonia. California Animal Nutrition Conference, Fresno, California, May 11.
- **Dozier, W. A., III.** 2004. Mineral needs of broiler breeders. Arkansas Nutrition Conference, Rogers, Arkansas, September 17.

- **Dozier, W. A., III.** 2003. What can mill managers do to improve steam efficiency? Arkansas Poultry Symposium, Fayetteville, Arkansas, April 9.
- **Dozier, W. A., III.** 2003. How much water do your birds have and is it enough? Arkansas Poultry Symposium, Fayetteville, Arkansas, April 9.
- **Dozier, W. A., III.** 2003. Principles of boiler water quality and treatment methods. U.S. Poultry and Egg Association Feed Mill Management Seminar, Nashville, Tennessee, March 20.
- **Dozier, W. A., III.** 2002. U.S. poultry feed mill survey. U.S. Poultry and Egg Association Feed Mill Management Seminar, Nashville, Tennessee, March 20.
- **Dozier, W. A., III,** E. T. Moran, Jr., and M. T. Kidd. 1999. Threonine requirement of the 3.7 kg broiler male. 1. Live performance and further-processing yields. Eleventh Biokyowa Amino Acid Meeting, Toronto, Canada, June 22.

### **International**

- **Dozier, W. A., III.** 2024. Dietary amino acid responses of broilers for optimum live performance and meat yield. 16<sup>th</sup> AVEM 2024 International Congress, Pachuca México, March 13<sup>th</sup>.
- **Dozier, W. A., III.** 2024. Evaluation of energy values of feed ingredients for diet formulation. 16<sup>th</sup> AVEM 2024 International Congress, Pachuca México, March 13<sup>th</sup>.
- **Dozier, W. A., III** and R. Kriseldi. 2017. Minimising protein: How far down the essential amino acid list do we go? Poultry Beyond 2023 6<sup>th</sup> International Broiler Nutritionists' Conference Queenstown, New Zealand, October 19.
- **Dozier, W. A., III.** 2016. Recent studies on threonine requirement of broilers for various growing periods. Symposium Amino Acids in Animal Nutrition, 52<sup>nd</sup> Eastern Nutrition Conference, Guelph, Ontario, May, 11.
- Hess, J. B., **W. A. Dozier,** and W. D. Berry. 2015. Broiler breeder nutrition and management issues in the southeastern US. Aviespecialists De Mexico AC, Queretaro, México, March 12.
- Hess, J. B., K. S. Macklin, S. F. Bilgili, and **W. A. Dozier.** 2015. Contributors to paw burns in broilers. Atlantic Poultry Conference, Greenwich, Nova Scotia, February 12.
- **Dozier, W. A., III.** 2013. New era in amino acid nutrition. Second International Poultry Meat Congress, Antalya, Turkey, April 24.
- **Dozier, W. A., III.** 2012. Dietary amino acid strategies to optimize broiler growth and meat yield. Massey Technical Update Conference, Monogastric Research Center, Massey University, Palmerston North, New Zealand, April 24.
- **Dozier, W. A., III.** 2012. Broiler nutrition and production in the United States. Massey Technical Update Conference, Monogastric Research Center, Massey University, Palmerston North, New Zealand, April 24.
- Cowieson, A. J., \*C. K. Gehring, and **W. A. Dozier, III.** 2011. Know your maize. Massey Technical Update Conference, Monogastric Research Center, Massey University, Palmerston North, New Zealand, June 8.
- Hess, J. B., S. F. Bilgili, **W. A. Dozier,** R. J. Lien, and J. P. Blake. 2011. Management of litter and drinking systems to prevent paw cracks and ulcers in broilers. Conferencia Facta, Santos, Brazil, May 31-June 2.



- **Dozier, W. A., III.** 2008. Effects of dietary amino acid density on growth and meat yield of broilers. Poultry Nutrition and Feed Technology Workshop. American Soybean Association, Beijing; Foshan, Guangdong; Jinan, Shandong; Nanning, Guanxi; China, November 9-20 (five presentations).
- **Dozier, W. A., III.** 2008. Physiology of protein digestion in poultry. DSM II Enzyme Forum Agenda, Curitiba, PR, Brazil, October 22.
- **Dozier, W. A., III.** 2002. Brooding and weaning techniques to maximise chick performance and grower returns. Poultry Information Exchange Conference, Surfers Paradise, Queensland, Australia, April 15.
- **Dozier, W. A., III.** 2001. Heating system needs of chicks. Costos de Produccion en la Industria Avicola y Mesa Redona sobre Influenza y Newcastle, Puebla, Puebla, Mexico, November 8.

#### OUTREACH PRESENTATIONS WITHOUT PUBLISHED TEXT

##### State and Regional

- **Dozier, W. A., III.** 2022. Update on the Department of Poultry Science. Alabama Poultry Industry Workshop, Auburn, Alabama, October 22.
- **Dozier, W. A., III.** 2021. Update on the Department of Poultry Science. Alabama Poultry Industry Workshop, Guntersville, Alabama, October 6.
- **Dozier, W. A., III.** 2019. Update on the Department of Poultry Science. Alabama Poultry Industry Workshop, Guntersville, Alabama, September 25.
- **Dozier, W. A., III.** 2018. Feeding broilers for meat yield. AB Vista and Buffalo Warren Technical Meeting. Aliceville, Alabama.
- Hess, J. B., D. Bourassa, W. Pacheco, **W. A. Dozier**, D. E. Conner, and W. D. Berry. 2017. The Alabama poultry industry. Wiregrass Research and Extension Center, Headland, Alabama, October 19.
- Hess, J. B., M. K. Stanford, **W. A. Dozier**, K. S. Macklin, P. R. Hilburn, and W. D. Berry. 2017. More money in your pocket. Sunbelt Expo Moultrie, Georgia, October 17-18.
- Hess, J. B., D. V. Bourassa, W. Pacheco, **W. A. Dozier**, D. E. Conner, and W. D. Berry. 2016. The poultry industry present and future. Poultry Seminar. Soil and Water Conservation District Cullman County, Alabama, October 26.
- \*Perryman, K. R. and **W. A. Dozier, III.** 2015. Poultry nutrition update. Auburn University Nutrition Research Workshop, Gardendale, Alabama, August 13.
- \*Perryman, K. R. and **W. A. Dozier, III.** 2014. Poultry nutrition update. Auburn University Nutrition Research Workshop, Gardendale, Alabama, August 14.
- Hess, J. B., J. M. Pate, **W. A. Dozier**, and \*K. R. Perryman. 2013. Auburn University Research Feed Mill - Virtual Tour. Alabama Poultry Industry Workshop, October 9.
- Hess, J. B., **W. A. Dozier**, J. Spann, and B. Thomas. 2013. Wastewater management at an animal protein rendering facility. Alabama Water Resources Conference and Symposium, Orange Beech, Alabama, September 6.
- \*Perryman, K. R. and **W. A. Dozier, III.** 2013. Poultry nutrition update. Auburn University Nutrition Research Workshop, Gardendale, Alabama, August 14.
- \*Gehring, C. K. and **W. A. Dozier, III.** 2012. Poultry nutrition update. Auburn University Nutrition Research Workshop, Gardendale, Alabama, June 20.

- Hess, J. B., R. J. Lien, M. Singh, \*K. Perryman, **W. A. Dozier**, and S. F. Bilgili, 2012. Nutrition and poultry product quality – Auburn research. Auburn University Nutrition Research Workshop, Gardendale, Alabama, June 20.
- **Dozier, W. A., III.** 2012. Effects of ProAct supplementation on growth performance and meat yield of broilers. DSM Technical Meeting, Atlanta, Georgia, May 10.
- **Dozier, W. A., III.** 2011. Effects of feed ingredient quality on nutrient digestibility. Alabama Feed and Grain Association Meeting, Auburn, Alabama, September 7.
- \*Gehring, C. K. and **W. A. Dozier, III.** 2011. Poultry nutrition update. Auburn University Nutrition Research Workshop, Gardendale, Alabama, August 17.
- **Dozier, W. A., III.** 2010. Poultry nutrition update. Auburn University Nutrition Research Workshop, Cullman, Alabama, May 20.
- **Dozier, W. A., III.** 2009. Nutrition research update. Mississippi State University Nutrition Research Workshop, Forest, Mississippi, December 15.
- **Dozier, W. A., III.** 2007. USDA-ARS nutrition research update. Mississippi State University/USDA-ARS Nutrition Research Workshop, Forest, Mississippi, December 11.
- **Dozier, W. A., III.** 2007. Accommodating emerging bird requirements. Auburn University Poultry Housing Short Course, Auburn, Alabama, November 12.
- **Dozier, W. A., III.** 2007. Broiler nutrition. Presented a half day workshop to four managers of Macedonian poultry companies who were 2007 Cochran Fellows, Mississippi State, Mississippi, October 5.
- **Dozier, W. A., III.** 2007. Management strategies to reduce carcass defects. Mississippi Poultry Association Management School, Mississippi State, Mississippi, May 15.
- **Dozier, W. A., III.** 2007. Impact of increased wind speed in hot weather. Deep South Poultry Conference, Tifton, Georgia, April 4.
- **Dozier, W. A., III.** 2006. USDA-ARS nutrition research update. Mississippi State University/USDA-ARS Nutrition Research Workshop, Forest, Mississippi, December 14.
- **Dozier, W. A., III.** 2006. Brooder and fan efficiency. Mississippi Poultry Association Management School, Mississippi State, Mississippi, May 17.
- **Dozier, W. A., III.** 2006. Air velocity considerations for broiler breeders. Alabama Breeder/Hatchery Workshop, Auburn, Alabama, November 8.
- **Dozier, W. A., III.** 2006. Emerging bird requirements in hot weather. Getting Poultry Houses Ready for Summertime. Alabama Poultry and Egg Service Tech Training Short Course, Montgomery, Alabama, May 2.
- **Dozier, W. A., III.** 2006. Accommodating emerging bird requirements. Auburn University Poultry Housing Short Course, Auburn, Alabama, March 16.
- **Dozier, W. A., III.** 2005. USDA-ARS nutrition research update. Mississippi State University/USDA-ARS Nutrition Workshop, Forest, Mississippi, December 2.
- **Dozier, W. A., III.** 2005. Air Velocity of commercial broilers. The Mississippi Poultry Health Roundtable, Carthage, Mississippi, May 3.
- **Dozier, W. A., III.** 2005. Effects of air velocity on growth responses and economics. Mississippi Poultry Association Summer Ventilation Seminar, Forest, Philadelphia, Laurel, and Brookhaven, Mississippi, April 26 and 27 (four presentations).
- **Dozier, W. A., III.** 2005. Preparing for hot weather ventilation. Magnolia Beef and Poultry Expo, Raleigh, Mississippi, April 21.

- **Dozier, W. A., III.** 2004. Importance of brooding temperature on broiler performance. Mississippi Poultry Association Winter Ventilation Seminar, Forest, Philadelphia, Laurel, and Brookhaven, Mississippi, October 11 and 12 (four presentations).
- **Dozier, W. A., III.** 2004. Evaluation of placement density on broiler live performance and processing yields. The Mississippi Poultry Health Roundtable, Carthage, Mississippi, September 27.
- **Dozier, W. A., III.** 2004. USDA-ARS broiler research update. Mississippi Farm Bureau, Jackson, Mississippi, July 9.
- **Dozier, W. A., III.** 2004. Getting chicks off to a good start. Mississippi Poultry Association Management School, Mississippi State, Mississippi, May 13.
- **Dozier, W. A., III.** 2004. Energy conservation measures in poultry houses. Magnolia Beef and Poultry Expo, Raleigh, Mississippi, April 29.
- **Dozier, W. A., III.** 2004. Poultry and livestock waste management. Mississippi Feed and Grain Annual Spring Meeting, Jackson, Mississippi, March 9.
- **Dozier, W. A., III.** 2004. Research update: USDA-ARS poultry research unit. Mississippi Farm Bureau, Jackson, Mississippi, March 8.
- **Dozier, W. A., III.** 2003. Implications of bird density on nutrition needs and economic returns. Georgia Egg Association, St. Simons, Island, Georgia, June 27.
- **Dozier, W. A., III.** 2003. Factors influencing nutrient variation with feed milling. Georgia International Poultry Course, Athens, Georgia, January 28.
- **Dozier, W. A., III.** 2003. Nutrition of the backyard flock. Winter School County Agent Training, Eatonton, Georgia, January 21.
- **Dozier, W. A., III.** 2002. Importance of having the proper brooding temperature and minimizing ammonia production. Georgia Broiler Flock Supervisor's Cold Weather Ventilation Workshop, Athens, Georgia, December 9.
- **Dozier, W. A., III.** 2002. Rodent control for commercial poultry operations. Baker and Mitchell Counties, Equity Georgia Division Grower Meeting, Camilla, Georgia, November 14.
- **Dozier, W. A., III.** 2002. Ammonia production on broiler performance. Gold Kist, Inc. Grower Meeting, Douglas, Georgia, November 14 and 19.
- **Dozier, W. A., III.** 2002. Pearl millet for poultry. Grain Millet Production and Use Workshop, Tifton, Georgia, March 26.
- **Dozier, W. A., III.** 2002. Nutrition of the backyard flock. Winter School County Agent Training, Eatonton, Georgia, January 23.
- **Dozier, W. A., III.** 2002. Basic principles for feed milling for poultry (2 presentations). Georgia International Poultry Course, Athens, Georgia, January 23.
- **Dozier, W. A., III.** 2001. Consequences of improper brooding on broiler performance. Carroll and Heard Counties. Goldkist, Inc. Grower Meeting, Carrollton, Georgia, December 11.
- **Dozier, W. A., III.** 2001. Energy conservation: Management techniques to minimize heat loss. Georgia Farm Bureau Commodity Meeting, Jekyll Island, Georgia, December 3.
- **Dozier, W. A., III.** 2001. Importance of having the proper brooding temperature. Georgia Broiler Flock Supervisor's Cold Weather Ventilation Workshop, Athens, Georgia, December 3.

- **Dozier, W. A., III.** 2001. Consequences of improper brooding on broiler performance. Carroll and Heard Counties. Goldkist, Inc. Grower Meeting, Carrollton, Georgia, December 11.
- **Dozier, W. A., III.** 2001. What is the role for county extension agent with nutrient management planning for poultry for the next 1-2 years? Plan of Work County Agent Meeting, Tifton, Georgia, October 15.
- **Dozier, W. A., III.** 2001. Tighten up your houses for hot weather. Calhoun County Grower Meeting, Leary, Georgia, April 17.
- **Dozier, W. A., III.** 2001. How did we get here and where are we going with CNMP? and Litter storage methods and bird disposal methods (2 presentations). Decatur, Grady, and Thomas Counties, Cagle's Grower Meeting, Cario, Georgia, April 3.
- **Dozier, W. A., III.** 2001. How did we get here and where are we going with CNMP? and Litter storage methods and bird disposal methods (2 presentations). Calhoun, Early, and Miller Counties, Cagle's Grower Meeting, Leary, Georgia, March 26.
- **Dozier, W. A., III.** 2001. How did we get here and where are we going with CNMP? and Litter storage methods and bird disposal methods (2 presentations). Colquitt and Worth Counties, Cagle's Grower Meeting, Moultrie, Georgia, March 1.
- **Dozier, W. A., III.** 2001. How did we get here and where are we going with CNMP? and Litter storage methods and bird disposal methods (2 presentations). Baker and Mitchell Counties, Cagle's Grower Meeting, Camilla, Georgia, February 1.
- **Dozier, W. A., III.** 2001. Is Bobwhite quail production for the intent of marketing to hunting preserves an economically feasible enterprise? Alternative Income Seminar, Southwest Georgia Area County Meeting, Dawson, Georgia, January 16.
- **Dozier, W. A., III.** 2001. Managing brooding temperature and ammonia production for optimum broiler performance. Gold Kist, Inc. Grower Meeting, Douglas, Georgia, January 9 and 11.
- **Dozier, W. A., III.** 2000. Tips to obtain optimum heating efficiency with broiler houses. Cagle's Grower Meeting, Leary, Georgia, October 27.
- **Dozier, W. A., III.** 2000. Management techniques to optimize broiler performance from a grower's perspective. Federation of Southern Cooperatives Poultry Workshop, Camilla, Georgia, October 20.
- **Dozier, W. A., III.** 2000. Ventilation tips during extreme high temperatures and nipple water management during hot temperatures (2 presentations). Calhoun County Grower Meeting, July 24.

#### **National**

- \*Meloche, K. J. and **W. A. Dozier, III.** 2016. Effects of quantitative and qualitative feeding strategies on myopathies of the pectoralis major in broilers. Aviagen Meat Quality Update, Atlanta, Georgia, January 27.
- \*Meloche, K. J. and **W. A. Dozier, III.** 2015. Effects of quantitative and qualitative feeding strategies on myopathies of the pectoralis major in broilers. Aviagen Meat Quality Summit, Huntsville, Alabama, July 1.
- **Dozier, W. A., III** and P. B. Tillman. 2015. Feeding broilers for yield. Multi-State Poultry Feeding and Nutrition Conference, Indianapolis, Indiana, May 20.
- **Dozier, W.** 2015. Best practices for using coproducts in poultry diets. 19<sup>th</sup> Annual Distillers Grains Symposium, Kansas City, Missouri, May 14.

- **Dozier, W.** 2015. The usefulness of rendered products in poultry feeding. International Rendering Symposium, International Production and Processing Exposition, Atlanta, Georgia, January 29.
- **Dozier, W. A., III** and P. B. Tillman. 2014. Importance of amino acid quality of soybean meal quality for poultry. U.S. Soy Global Trade Exchange, Milwaukee, Wisconsin, September 17.
- **Dozier, W. A., III.** 2013. Amino acid nutritional needs of broilers. Cobb-Vantress, Siloam Springs, Arkansas, July 29.
- **Dozier, W. A., III.** 2013. Ingredient evaluation and phytase supplementation in diets fed to broilers. Cobb-Vantress, Siloam Springs, Arkansas, July 29.
- **Dozier, W. A., III.** 2013. Opportunities for quality control of DDGS in commercial poultry production. Poet Nutrition, Sioux Falls, South Dakota, August 21.
- \*Perryman, K. R. and **W. A. Dozier, III.** 2011. Effects of diets containing low oligosaccharide soybean meal on apparent metabolizable energy, amino acid digestibility and growth and meat yield responses of broilers. Soy and Grain Trade Summit/International Soy Processing and Utilization Conference, St. Louis, Missouri, November 2.
- **Dozier, W. A., III** and \*K. R. Perryman. 2011. Effects of diets containing low sugar composition on apparent metabolizable energy, amino acid digestibility, and growth and meat yield responses of broilers. Annual United Soybean Board Nutrition Working Group Meeting, St. Louis, Missouri, November 10.
- **Dozier, W. A., III** and \*K. R. Perryman. 2011. Need and impact of modifying carbohydrate traits in soybean meal on livestock feed and performance. United Soybean Board Workshop: Breeding Soybean for Low Phytate and Carbohydrate Traits to Improve Soybean Meal Baltimore, Maryland, August 2.
- Hess, J. B., S. F. Bilgili, **W. A. Dozier,** and R. J. Lien. 2010. Stocking density and other influences on paws. Pennsylvania Poultry Sales and Service Conference, State College, Pennsylvania, September 23.
- **Dozier, W. A., III.** 2010. Dietary energy utilization of soybean meals originating from varieties having altered sugar composition fed to broiler chickens. United Soybean Board, St. Louis, Missouri, October 25.
- **Dozier, W. A., III.** 2010. Valine and isoleucine research update. Ajinomoto Global Technical Meeting, Denver, Colorado, July 15.
- **Dozier, W. A., III.** 2010. Overview of the genetic evolution and amino acid requirements. The 4<sup>th</sup> Advancia International Methionine Seminar, Denver, Colorado, July 11.
- **Dozier, W. A., III.** 2009. Apparent metabolizable energy responses of male and female broilers from 36 to 47 d of age during a summer grow-out. Poultry Science Annual Meeting, Raleigh, North Carolina, July 23 (Keynote Speaker for Nutrition Section).
- **Dozier, W. A., III.** 2009. Nutritional quality of feed-grade and pet food-grade by-product meals. Nestle` Purina Raw Materials Workshop, St. Louis, Missouri, September 23.
- **Dozier, W. A., III.** 2007. Ventilation and management of broiler chickens. Perdue Farms Grower Meetings, Albemarle, Aberdeen, Star, and Wadesboro, North Carolina, October 16-18.

- **Dozier, W. A., III.** 2007. Ventilation and management of broiler chickens. Perdue Farms Grower Meetings, Albemarle, Aberdeen, Star, and Wadesboro, North Carolina, October 16-18.
- **Dozier, W. A., III.** 2007. Impact of house temperature on growth performance. Kentucky Poultry Federation Producer Educational Conference, Calhoun, Kentucky, March 3.
- **Dozier, W. A., III.** 2004. Managing nipple drinkers. Virginia Poultry Health and Management Seminar, Roanoke, Virginia, April 13.
- **Dozier, W. A., III.** 2001. Boiler water quality and treatment. Carolina Feed Production School, Raleigh, North Carolina, November 13.

### **International**

- **Dozier, W. A., III.** 2024. Optimizing fertility and hatchability from rearing through lay. Ontario Broiler Chick and Hatching Egg Producers Association.
- **Dozier, W. A., III.** 2020. Energy utilization of distillers corn oil formulated in diets fed to growing broilers. U. S. Grains Council Dominican Republic Feed Grains and Co-Products Webinar. Virtual. September 17.
- **Dozier, W. A., III.** 2019. DDGS nutrition in poultry. U. S. Grains Council Corn Co-Products and Sorghum Production, Transportation and Uses. Athens, Greece, June 17 and 19.
- **Dozier, W. A., III.** 2019. Concepts in amino acid nutrition for poultry. Novus International Poultry Academy. Wuhun, China, May 16.
- **Dozier, W. A., III.** 2019. Importance of amino acid quality of soybean meal for poultry. Novus International Poultry Academy. Wuhun, China, May 16.
- **Dozier, W. A., III.** 2019. Importance of amino acid quality of soybean meal for poultry. American Soybean Market and Technical Information Seminar. Wuhun, China, May 19.
- **Dozier, W. A., III.** 2017. Growth and meat yield responses of broilers fed diets varying in amino acid density, Latin America Poultry Congress. Guadalajara, Mexico, September 28.
- **Dozier, W. A., III.** 2017. Effects of phytase supplementation on amino acid digestibility and growth performance. AB Vista International Phytase Summit. Guadalajara, Mexico, September 26.
- **Dozier, W. A., III** and \*K. J. Meloche. 2017. Prediction equations to estimate energy of DDGS in poultry. U. S. Grains Council Poultry Nutrition and Grain Storage Management Seminar. Jakarta, Indonesia, January 16.
- **Dozier, W. A., III** and \*C. K. Gehring. 2017. Use of a protein assay to estimate energy of corn. U. S. Grains Council Poultry Nutrition and Grain Storage Management Seminar. Jakarta, Indonesia, January 16.
- **Dozier, W. A., III** and \*K. J. Meloche. 2017. Prediction equations to estimate energy of DDGS in poultry. Charoen Pokphand. Jakarta, Indonesia, January 17.
- **Dozier, W. A., III** and \*C. K. Gehring. 2017. Use of a protein assay to estimate energy of corn. Charoen Pokphand. Jakarta, Indonesia, January 17.
- **Dozier, W. A., III** and \*K. J. Meloche. 2017. Prediction equations to estimate energy of DDGS in poultry. BetaGro. Bangkok, Thailand, January 18.
- **Dozier, W. A., III** and \*K. J. Meloche. 2017. Prediction equations to estimate energy of DDGS in poultry. U. S. Grains Council Poultry Nutrition and Grain Storage Management Seminar. Bangkok, Thailand, January 19.

- **Dozier, W. A., III** and \*C. K. Gehring. 2017. Use of a protein assay to estimate energy of corn. U. S. Grains Council Poultry Nutrition and Grain Storage Management Seminar. Bangkok, Thailand, January 19.
- **Dozier, W. A., III** and \*K. J. Meloche. 2017. Prediction equations to estimate energy of DDGS in poultry. U. S. Grains Council Poultry Nutrition and Grain Storage Management Seminar. Kuala Lumpur, Malaysia, January 20.
- **Dozier, W. A., III** and \*C. K. Gehring. 2017. Use of a protein assay to estimate energy of corn. U. S. Grains Council Poultry Nutrition and Grain Storage Management Seminar. Kuala Lumpur, Malaysia, January 20.
- **Dozier, W. A., III** and \*K. J. Meloche. 2016. Amino acids: Essential building blocks for protein synthesis. 10<sup>th</sup> Advancia International Seminar, Beijing, China, September 5.
- Hess, J. B., **W. A. Dozier**, and W. D. Berry. 2015. Broiler breeder nutrition and management issues in the southeastern US. 8<sup>a</sup> Reunión Internacional AECACEM. San Juan del Río, Qro, México, March 12.
- **Dozier, W. A., III**. 2015. Effects of ‘Superdosing’ of phytase supplementation on nutrient digestibility and growth performance. VTR Seminar Advances in Animal Nutrition and Feed Science. Zhangjiajie, China, May 6.
- **Dozier, W. A., III**, \*K. J. Meloche, and B. J. Kerr. 2014. Feeding value of DDGS for poultry. U. S. Grains Council DDGS Poultry Nutrition Seminar. Bangkok, Thailand, November 21.
- **Dozier, W. A., III** and P. B. Tillman. 2014. Concepts and digestible amino acid needs for poultry. U. S. Grains Council DDGS Poultry Nutrition Seminar. Bangkok, Thailand, November 21.
- **Dozier, W. A., III**, \*K. J. Meloche, and B. J. Kerr. 2014. Feeding value of DDGS for poultry. U. S. Grains Council DDGS Poultry Nutrition Seminar. Kuala Lumpur, Malaysia, November 18.
- **Dozier, W. A., III** and P. B. Tillman. 2014. Concepts and digestible amino acid needs for poultry. U. S. Grains Council DDGS Poultry Nutrition Seminar. Kuala Lumpur, Malaysia, November 18.
- **Dozier, W. A., III**, \*K. J. Meloche, and B. J. Kerr. 2014. Feeding value of DDGS for poultry. U. S. Grains Council DDGS Poultry Nutrition Seminar. Jakarta, Indonesia, November 14.
- **Dozier, W. A., III** and P. B. Tillman. 2014. Concepts and digestible amino acid needs for poultry. U. S. Grains Council DDGS Poultry Nutrition Seminar. Jakarta, Indonesia, November 14.
- **Dozier, W. A., III**. 2014. Concepts in amino acid nutrition for poultry. 20<sup>th</sup> SE Asian Feed Technology and Nutrition Workshop, Manila, Philippines. August 5.
- **Dozier, W. A., III**, \*K. J. Meloche, and B. J. Kerr. 2014. Nutritional quality of grain co-products fed to poultry. 20<sup>th</sup> SE Asian Feed Technology and Nutrition Workshop, Manila, Philippines, August 5.
- **Dozier, W. A., III** and \*C. K. Gehring. 2014. Utilization of non-fiber carbohydrates by poultry. 20<sup>th</sup> SE Asian Feed Technology and Nutrition Workshop, Manila, Philippines, August 6.

- **Dozier, W. A., III** and B. J. Kerr. 2014. Quality parameters for lipids used for pigs and poultry. 20<sup>th</sup> SE Asian Feed Technology and Nutrition Workshop, Manila, Philippines, August 6.
- **Dozier, W. A., III**. 2014. Feeding programs for broilers. 20<sup>th</sup> SE Asian Feed Technology and Nutrition Workshop, Manila, Philippines, August 6.
- **Dozier, W. A., III**. 2013. Dietary strategies to reduce feed cost without compromising performance objectives. Elanco Poultry Seminar for Spanish customers. Atlanta, Georgia, January 31.
- **Dozier, W. A., III**. 2012. Dietary amino acid requirements of broilers. Colombian Veterinary Poultry Association Nutrition Seminar. Bogotá, Colombia, August 30.
- **Dozier, W. A., III**. 2012. Utilizing reduced oil content DDGS in poultry diets. Colombian Veterinary Poultry Association Nutrition Seminar. Bogotá, Colombia, August 31.
- **Dozier, W. A., III**. 2012. Dietary amino acid needs of broilers. U. S. Grains Council Poultry Nutrition Seminar. Jakarta, Indonesia, July 19.
- **Dozier, W. A., III**. 2012. Use of distiller's dried grains with solubles in poultry diets. U. S. Grains Council Poultry Nutrition Seminar. Jakarta, Indonesia, July 19.
- **Dozier, W. A., III** and \*C. K. Gehring. 2012. Using feed enzymes in broiler diets. U. S. Grains Council Poultry Nutrition Seminar. Jakarta, Indonesia, July 19.
- **Dozier, W. A., III**. 2012. Dietary amino acid needs of broilers. U. S. Grains Council Poultry Nutrition Seminar. Kuala Lumpur, Malaysia, July 24.
- **Dozier, W. A., III**. 2012. Use of distiller's dried grains with solubles in poultry diets. U. S. Grains Council Poultry Nutrition Seminar. Kuala Lumpur, Malaysia, July 24.
- **Dozier, W. A., III** and \*C. K. Gehring. 2012. Using feed enzymes in broiler diets. U. S. Grains Council Poultry Nutrition Seminar. Kuala Lumpur, Malaysia, July 24.
- **Dozier, W. A., III**. 2012. Dietary amino acid needs of broilers. U. S. Grains Council Poultry Nutrition Seminar. Bangkok, Thailand, July 26.
- **Dozier, W. A., III**. 2012. Use of distiller's dried grains with solubles in poultry diets. U. S. Grains Council Poultry Nutrition Seminar. Bangkok, Thailand, July 26.
- **Dozier, W. A., III** and \*C. K. Gehring. 2012. Using feed enzymes in broiler diets. U. S. Grains Council Poultry Nutrition Seminar. Bangkok, Thailand, July 26.
- **Dozier, W. A., III**. 2012. Dietary amino acid needs of broilers. Utilization of Amino Acids in Diets for Broilers, Layers, and Swine. Ajinomoto Animal Nutrition Seminar. San Jose, Costa Rica, July 2.
- **Dozier, W. A., III**. 2012. Dietary amino acid responses of layers. Utilization of Amino Acids in Diets for Broilers, Layers, and Swine. Ajinomoto Animal Nutrition Seminar. San Jose, Costa Rica, July 2.
- Hess, J. B., \*C. K. Gehring, and **W. A. Dozier, III**. 2012. Bird performance and feed form. Advanced Poultry Feed Course and Workshops. American Soybean Meal Association. Algiers, Algeria, May 7.
- Hess, J. B., K. S. Macklin, and **W. A. Dozier, III**. 2012. Enteritis and feed quality. Advanced Poultry Feed Course and Workshops. American Soybean Meal Association. Algiers, Algeria, May 7.
- Hess, J. B., J. P. Blake, \*C. K. Gehring, and **W. A. Dozier, III**. 2012. Feed formulation in times of high feed ingredient prices. Advanced Poultry Feed Course and Workshops. American Soybean Meal Association. Algiers, Algeria, May 7.



- Hess, J. B., J. P. Blake, and **W. A. Dozier, III**. 2012. Optimizing early growth in poultry. Advanced Poultry Feed Course and Workshops. American Soybean Meal Association. Algiers, Algeria, May 7.
- Hess, J. B., \*C. K. Gehring, and **W. A. Dozier, III**. 2012. Bird performance and feed form. Advanced Poultry Feed Course and Workshops. American Soybean Meal Association. Casablanca, Morocco, May 7.
- Hess, J. B., K. S. Macklin, and **W. A. Dozier, III**. 2012. Enteritis and feed quality. Advanced Poultry Feed Course and Workshops. American Soybean Meal Association. Casablanca, Morocco, May 9.
- Hess, J. B., J. P. Blake, \*C. K. Gehring, and **W. A. Dozier, III**. 2012. Feed formulation in times of high feed ingredient prices. Advanced Poultry Feed Course and Workshops. American Soybean Meal Association. Casablanca, Morocco, May 9.
- Hess, J. B., J. P. Blake, and **W. A. Dozier, III**. 2012. Optimizing early growth in poultry. Advanced Poultry Feed Course and Workshops. American Soybean Meal Association. Casablanca, Morocco, May 9.
- **Dozier, W. A., III**. 2012. Dietary amino acid strategies to optimize broiler growth and meat yield. Animal Science Forum “Current Trends in Poultry Nutrition”, University of Sydney, Camden, New South Wales, Australia, April 26.
- **Dozier, W. A., III** and \*C. K. Gehring. 2012. Effects of “superdosing” of phytase supplementation on nutrient digestibility and growth performance. Animal Science Forum “Current Trends in Poultry Nutrition”, University of Sydney, Camden, New South Wales, Australia, April 26.
- **Dozier, W. A., III** and \*K. R. Perryman. 2012. Low oligosaccharide soybean meals on AME, amino acid digestibility, and growth performance of broilers. Animal Science Forum “Current Trends in Poultry Nutrition”, University of Sydney, Camden, New South Wales, Australia, April 26.
- **Dozier, W. A., III**. 2011. Total sulphur requirements of young chicks. The 5<sup>th</sup> Advancia International Methionine Seminar, Cesme, Izmir, Turkey, October 31.
- **Dozier, W. A., III**. 2011. Managerial strategies to alleviate poor performance of broilers subjected to hot weather conditions. Poultry Production in Warm Climates, CHEAM-Mediterranean Agronomic Institute, Zaragoza, Spain, May 11.
- **Dozier, W. A., III**. 2011. Dietary energy needs of poultry subjected to hot weather conditions. Poultry Production in Warm Climates, CHEAM-Mediterranean Agronomic Institute, Zaragoza, Spain, May 11.
- **Dozier, W. A., III**. 2011. Dietary amino acid needs of poultry subjected to hot weather conditions. Poultry Production in Warm Climates, CHEAM-Mediterranean Agronomic Institute, Zaragoza, Spain, May 12.
- **Dozier, W. A., III**. 2010. ProAct research update. DSM Technical Meeting, Basel, Switzerland, August 31.
- **Dozier, W. A., III**. 2008. Exogenous enzyme supplementation to soybean meal-based fed to broilers. Nutrition and Feed Technology Workshop. American Soybean Association, Foshan, Guangdong; Jinan, Shandong; Nanning, Guaxi; China, November 9 to 20.
- **Dozier, W. A., III**. 2008. Dietary amino acid density responses of broiler chickens. Sadia, Concordia, SC, Brasil, October 22.

- **Dozier, W. A., III.** 2008. Reducing dietary crude protein with heavy broilers. Ajinomoto Roundtable on Reduced Crude Protein Levels in Broiler Diets, Niagara Falls, Canada, July 24.
- **Dozier, W. A., III.** 2003. Water quantity and quality for poultry. Zinpro Broiler and Broiler Breeder Seminar, Nassau, Bahamas, April 12.
- **Dozier, W. A., III.** 2002. Brooding and weaning techniques to maximise chick performance and grower returns. Poultry Information Exchange Conference, Surfers Paradise, Queensland, Australia, April 15.

#### PROFESSIONAL SERVICE

- Member, Nutrient Requirements of Poultry, National Academy of Sciences, Engineering, and Medicine, 2017-2024.
- Chairman, Industry Committee Symposium, Poultry Science Association, 2016-2019.
- Member, Feed Composition Committee of the National Animal Nutritional Program, National Research Support Project, 2012-present.
- Member, Animal Care Committee, Poultry Science Association, 2016-2017.
- Chairman, AFIA Poultry Nutrition Award Committee, Poultry Science Association, 2015-2016.
- Member, FASS Frontiers Award Committee, Federation Animal Science Society, 2015-2016.
- Chairman, Evonik Degussa Award Committee, Poultry Science Association, 2011-2015.
- Member, Hy-Line International Research Award Committee, Poultry Science Association, 2008-2010, and 2012-2015.
- Member, Evonik Degussa Award Committee, Poultry Science Association, 2009-2015.
- Co-Chairman, Nutrition Section, Poultry Science Association Annual Meeting, 2012.
- Chairman, Hy-Line International Research Award Committee, Poultry Science Association, 2011.
- Co-Chairman, Nutrition Section, Poultry Science Association Annual Meeting, 2005.
- Member, Careers Committee, Poultry Science Association, 2003-2005.
- Member, Triennial Poultry Extension Workshop, Program Planning Committee, 2001.

#### UNIVERSITY SERVICE

- Member, Institutional Animal Care and Use Committee, 2016-2019.
- Member, Concessions Board, 2009-2010, 2014-2016.
- Member, Undergraduate Research Committee, 2013.
- Chair, Concessions Board, 2011-2012.
- Member, Graduate Student Senate. Representative for Graduate Student Council, 1998.
- Co-Chairman, Budget and Finance Committee for Graduate Student Council, 1998.
- Member, Student Discipline Committee, 1998.

#### COLLEGE SERVICE

- Member, Research Advisory Committee, 2010-2019.
- Member, AU Presidential Graduate Research Fellowship- Selection Committee, 2018.
- Committee Chairman, Industry Research Funding Committee, 2016-2017.
- Member, Strategic Plan Task Force, 2016-2017.

- Co-Chairman, Promotion and Tenure Committee, 2017.
- Member, Budget Advisory Committee, 2015-2017.
- Member, Promotion and Tenure Committee, 2015-2017, 2023, 2024.
- Member, Scholarship Guidelines Committee, 2016.
- Member, Research Awards Committee, 2015.
- Member, Administrator Review Committee, 2015.
- Member, Butler-Cunningham Eminent Scholar Committee, 2014.
- Member, Strategic Planning Committee, 2010-2011.
- Member, CAES Tifton Campus Awards and Recognitions Committee, The University of Georgia, 2003.
- Member, The Rural Development Renovation Committee, The University of Georgia, 2001.

#### DEPARTMENTAL SERVICE

- Committee Chairman, Feed Mill Committee, 2016-2019.
- Member, Scholarship Committee, 2010-2023.
- Committee Chairman, Writing in the Major, 2010-2018.
- Member, Farm Committee, 2010-present.
- Member, Search Committee for Assistant Professor, Poultry Production, 2015.
- Advisor, Poultry Science Club, 2008-2015.
- Member, Search Committee for Assistant Professor, Poultry Processing and Products, 2014.
- Member, Search Committee for Assistant Professor, Extension Feed Milling, 2014.
- Chairman, Search Committee for Assistant Professor, Poultry Production, 2013-14.
- Member, Awards Committee, 2008-2014.
- Member, Departmental Planning Committee, 2012-2013.
- Member, Graduate Committee, 2012-2013.
- Member, Search Committee for Recruiter, 2011.
- Member, Search Committee for Research Assistant, 2009.
- Chair, Search Committee, Research Assistant Position, 2008.
- Member, Search Committee for Mississippi State University Extension Poultry Science Position, 2005.
- Member, Recruitment Committee of The University of Georgia, 2003.
- Member, Search Committee for The University of Georgia Extension Poultry Science Positions for Athens and Tifton, Georgia, 2001.