KY

Pescatore, Anthony, McKenzie Bear, Gregg Rentfrow, Jacqueline Jacob, Tatijana Fisher, Marquisha Paul, and Michael Ford. 2017. Sensory evaluation and cooking yields of chicken meat from Heritage breeds or broilers reared on pasture or in floor pens. Presented at the PSA meeting in Orlando, FL. July 16-21.

Fisher, Tatijana, Anthony J. Pescatore, Jacqueline P. Jacob, Austin Cantor, Michael Ford and Tuoying Ao. 2016. Effect of sex and feed ingredients on carcass yields of commercial broilers and Rhode Island Reds. Poult. Sci. 95(E-Suppl. 1):7

Fisher, Tatijana, Anthony Pescatore, Jacquie Jacob, Austin Cantor, Mike Ford, and Tuoying Ao. 2016. Effect of feed ingredients and breed of chicken on meat quality. Poult. Sci. 95(E-Suppl. 1):172

Jacob, Jacqueline P., Anthony J. Pescatore, Michael J. Ford, Tatijana M. Fisher, Sunday A. Adedokun, and Tuoying Ao. 2016. Growth performance of broiler chickens and heritage breeds raised on pasture. Poult. Sci. 95(E- Suppl. 1):125

Paul, Marquisha, Anthony Pescatore, Tuoying Ao, Michael Ford, and Karl Dawson. 2017. Effects of broiler breeder dietary zinc source on the tibia characteristics and performance of broiler chick offspring. Presented at the PSA meeting in Orlando, FL. July 16-21.

Dudley, Megan M., Ryan S. Samuel, Michael J. Ford, Anthony J. Pescatore, and Kristen M. Brennan. 2016. Interaction of dietary microalgae and trace mineral source in 14-day old broiler chicks. Poult. Sci. 95(E-Suppl. 1):133

Ao, Tuoying, Marquisha A. Paul, Lizza M. Macalintal, Anthony J. Pescatore, Austin H. Cantor, Ryan S. Samuel, Mike J. Ford, and Karl A. Dawson. 2016. Total replacement of inorganic micro minerals with reduced levels of proteinates in laying hen diets: Effect on productive performance, egg characteristics, and bone quality. Poult. Sci. 95(E-Suppl. 1):155

Ao, Tuoying, Lizza Macalintal, Marquisha Paul, Anthony Pescatore, Austin Cantor, Mike Ford, and Karl Dawson. 2016.Effects of dietary supplementation of Actigen® and Allzyme SSF® on the performance and carcass yield of broiler chicks. Poult. Sci. 95(E-Suppl. 1):290

Macalintal, Lizza, Tuoying Ao, Anthony Pescatore, Austin Cantor, P. Glenney, Michael Ford, and Karl Dawson. 2016. Maternal dietary polyunsaturated fatty acids and antioxidant compound affect levels of trace minerals in eggs and docosahexaenoic acid content in progeny tissues Poult. Sci. 95(E-Suppl. 1):297

Adedokun, Sunday, Anthony Pescatore, Austin Cantor, Michael Ford, Jacqueline Jacob, Tuoying Ao, and Ariane Helmbrecht. 2016. Energy source and not dietary electrolyte balance influenced ileal endogenous amino acid losses in 21 d-old broilers fed nitrogen-free diets. Poult. Sci. 95(E-Suppl. 1):287

Adedokun, Sunday, Anthony Pescatore, Austin Cantor, Jacqueline Jacob, Michael Ford, Tuoying Ao, and Ariane Helmbrecht. 2016. Examining the effect of dietary electrolyte balance, energy source, and length of feeding of nitrogen-free diets on ileal endogenous amino acid losses in broilers Poult. Sci. 95(E-Suppl. 1):242

IA

Chai, L., Y. Zhao, H. Xin, T. Wang, A. Atilgan, M. Soupir, K. Liu. 2017. Reduction of particulate matter and ammonia by spraying acidic electrolyzed water onto litter of aviary hen houses – a lab-scale study. Transactions of the ASABE 60(2):479-506.

Li, L., Y. Zhao, J. Oliveira, W. Verhoijsen, and H. Xin. 2017. A UHF RFID system for studying individual feeding and nesting behaviors of group- housed laying hens. Transactions of the ASABE 60(4): (in press)

Lin, X., R. Zhang, S. Jiang, H. El-Mashad, and H. Xin. 2017. Emissions monitoring of ammonia, carbon dioxide and particulate matters in two Californian cage-free layer houses. Atmospheric Environment 152(2017):246-255. <http://dx.doi.org/10.1016/j.atmosenv.2016.12.018>

Liu, K. and H. Xin. 2017. Effects of horizontal distance between perches on perching behavior of Lohmann hens. Appl. Animal Behaviour Sci. https://doi.org/10.1016/j.applanim.2017.05.001

Liu, K. H. Xin, and P. Settar. 2017. Effects of a commercial LED light versus a typical CFL light on growing performance and activity levels of W-36 pullets. Animal <http://dx.doi.org/10.1017/S1751731117001240>

Lu, Y., M. Hayes, J.P. Stinn, T.M. Brown-Brandl, H. Xin. 2017. Evaluating ventilation rates based on new heat and moisture production data for swine production. Transactions of the ASABE 60(1):237-245. DOI 10.13031/trans.11888

Ponciano, P.F., T. Yanagi, Jr., H. Xin. 2017. Performance of chicks subjected to thermal challenge. Pesq. agropec. bras. 52(2), doi.org/10.1590/s0100- 204x2017000200005

Shepherd, T.A., H. Xin, J.P. Stinn, M.D. Hayes, Y. Zhao, and H. Li. 2017. Ammonia and carbon dioxide emissions of three laying-hen housing systems as affected by manure accumulation time. Transactions of the ASABE 60(1):229-236. (doi: 10.13031/trans.11860)

Wang, Y., H. Dong, Z. Zhu, P.J. Gerber, H. Xin, P. Smith, C. Opio, H. Steinfeld, and D. Chadwick. 2017. Mitigating greenhouse gas and ammonia emissions from swine manure management: a system analysis. Environ. Sci. Technol. DOI: 10.1021/acs.est.6b06430

Xin, H. and K. Liu. 2017. Precision livestock farming in egg production. Animal Frontier 7(1): 24-31.

Chen, H. H. Xin, G. Teng, C. Meng, X. Du, T. Mao, and C. Wang. 2016. Cloud- based data management system for automatic real-time data acquisition from large-scale laying-hen farms. Int J Agric & Biol Eng 9(4):106-115. doi: 10.3965/j.ijabe.20160904.2488

Lao, F. T.M. Brown-Brandl, J.P. Stinn, K. Liu, G. Teng, and H. Xin. 2016. Automatic recognition of lactating sow behaviors through depth image processing. Computers and Electronics in Agriculture 125:56-62. doi.org/10.1016/j.compag.2016.04.026

Long, H., Y. Zhao, T. Wang, Z. Ning, and H. Xin. 2016. Effect of light-emitting diode (LED) vs. fluorescent lighting (FL) on laying hens in aviary hen houses: Part 1 – Operational characteristics of lights and production traits of hens. Poultry Science 95(1):1-11. doi.org/10.3382/ps/pev121

Long, H., Y. Zhao, H. Xin, H. Hansen, Z. Ning, and T. Wang. 2016. Effect of light-emitting diode (LED) vs. fluorescent (FL) lighting on laying hens in aviary hen houses: Part 2 – Egg quality, shelf life and lipid composition. Poultry Sci. 95(1):115-124. doi.org/10.3382/ps/pev306

Ma, H., H. Xin, Y. Zhao, B. Li, T.A. Shepherd, and I. Alvarez. 2016. Assessment of lighting needs by W-36 laying hens via preference test. Animal 10(4): 671-680. doi.org/10.1017/S1751731115002384

Roberts, S.A., H. Xin, R. Swestka, M. Yum, and K. Bregendahl. 2016. Spatial variation and sampling strategy of manure nutrients in high-rise laying-hen houses. J. App. Poult. Res. doi.org/10.3382/japr/pfw013

Zhao, Y., D. Zhao, H. Ma, K. Liu, A. Atilgan, H. Xin. 2016. Environmental assessment of three egg production systems – Part III: airborne bacteria concentrations and emissions. Poultry Sci. 1-9. doi.org/10.3382/ps/pew053

VA

Barrett, N.W., B.M. Singh, M.D. Lewis, M.E. Persia. Effects of dietary calcium and energy source on performance, nitrogen corrected apparent metabolizable energy, and body composition of broiler chickens. Presented at PSA, Orlando, FL. July 16-20.

Foltz, K.L., L. Gardner, S. Hill, C. Griffey, W. Brooks, W. Thomason, and M. E. Persia. Effects of various cultivars of hulled and hulless barley on broiler amino acid digestibility and performance. Presented at PSA, Orlando, FL. July 16-20.

Foltz, K.L., M.M. Ritzi, N.W. Barrett, N.P. Evans, D. Collins, N. Sriranganathan, H. Mahsoub, R.A. Dalloul, J. Sewell, and M.E. Persia. 2017. Efficacy of Lactobacillus plantarum supplementation in broilers challenged with avian pathogenic *Escherichia coli* and *Salmonella* Typhimurium. J Appl Poult Res. DOI: 10.3382/japr/pfw074.

PA

Burley, H. K., P. H. Patterson, K. E. Anderson, and P. B. Tillman. 2016. Formulation challenges of organic poultry diets with readily available ingredients and limited synthetic methionine. J. Appl. Poult. Res. 25:3:443-454. IF-0.801.

Burley, H. K., P. H. Patterson, and K. E. Anderson. 2016. Alternative feeding strategies and genetics for providing adequate methionine in organic poultry diets with limited use of synthetic amino acids. Worlds Poult. Sci. J. 72:1:168-177. IF-0.974.

Chalova, V.I, J.H. Kim, P.H. Patteson, S.C. Ricke and W.K. Kim. 2016. Reduction of nitrogen excretion and emissions from poultry: a review for conventional poultry. Worlds Poul. Sci. J. 72:509-520. IF-0.974.

Coban, H. B., A. Demirci, P. H. Patterson, and R. Elias. 2016. Enhanced phenylpyruvic acid production with *Proteus vulgaris* in fed-batch and continuous fermentations. Prep Biochem Biotechnol Feb 17,46(2):157-160. DOI:10.1080/10826068.2014.995813. IF-1.114.

Coban, H.B., A. Demirci, P. H. Patterson, and R. J. Elias. 2016. Enhanced phenylpyruvic acid production with proteus vulgaris by optimizing of the fermentation medium. Acta Alimentaria, An International Journal of Food Science. 45(1): 1-10. DOI: 10.1556/066.2016.45.1.1. IF-0.380.

Denagamage, T., P. Patterson, E. Wallner-Pendleton, D. Trampel, N. Shariat, E. G. Dudley, B. M. Jayaroa and S. Kariyawasam. 2016. Longitudinal monitoring of successive commercial layer flocks for *Samonella* enterica Serover Enteritidis. Foodborne Pathogen Disease. 13:618-625. IF-2.37.

Burley, H. K.and P. H. Patterson. 2017. Brazil nut meal and spray-dried egg powders as alternatives to synthetic methionine in organic laying hen diets. Poult. Sci.DOI 10.3382*.*

Denagamage, T. N., B. M. Jayarao, E. Wallner-Pendleton, P. H. Patterson, and S. Kariyawasam A retrospective study of *Salmonella* Enteritidis isolated from commercial layer flocks. Avian Disease. *(accepted 4/24/17, in Sept. Issue*).

Hristov, A. N., A. T. Degaetano, C. A. Rotz, E. Hoberg, R. H. Skinner, T. Felix, H. Li,   
P. H. Patterson, G. Roth, M. Hall, T. L. Ott, L. H. Baumgard, W. Staniar, R. M. Hulet, C. J. Dell, A. F. Brito and D. Y. Hollinger 2017. Climate change effects on livestock in the Northeast US and strategies for adaptation. Climate Change. DOI 10.1007/s1058-017-2023-z

Patterson, P.H. and H.K. Burley. 2016. Modifying Protein in Feed. Chapter 31, 29 pp. in Egg Innovation and Strategies for Improvement, Section 5: Improving Production and Commercialization*.* P.Y. Hester, ed. Elsevier, Amsterdam, The Netherlands.

Patterson, P., M. Hulet, P. Dunn, H. Lu, S. Kariyawasam, L. Kitto and A. Mayer. 2016. Poultry carcass ensiling for biosecure preservation and virus destruction. International Poultry Sci. Forum, Atlanta, GA. Poul. Sci. 95:(E-Suppl. 1).

Mayer, A., P. Patterson, R. Hulet and M. Hile. 2016. Chopped *Miscanthus* grass vs. softwood shavings as a bedding material for broiler grow-out. International Poultry Sci. Forum, Atlanta, GA. Poul. Sci. 95:(E-Suppl. 1).

Hulet, R. M., E. A. Wallner-Pendleton, P. J. Clauer, G. P. Martin, P. A. Dunn and P. H. Patterson. Educational program development in response to 2014-2015 avian influenza outbreak. Annual Meeting, New Orleans, LA. Poul. Sci. 95:(E-Suppl. 1).

Kitto, L.D., P. H. Patterson and R. M. Hulet 2016. The effect of herbal- vs. DL- methionine on broiler live performance and carcass parameters. Poultry Sci. Assoc. Annual Meeting, New Orleans, LA. Poul. Sci. 95:(E-Suppl. 1).

Barkley, A. M. 2017. Vegetative Buffers: From Biomass to Bedding. Poul. Sci. 96:(E-Suppl. 1).

Barkley, A., P. Patterson, R. Michael Hulet, and J. Liu. 2017. Commercial application of switchgrass as renewable alternative bedding for broilers in a single-cycle production system. Poul. Sci. 96:(E-Suppl. 1).

Barkley A. , P. Patterson, J. Liu, R. M. Hulet 2017. The effects of physically modified switchgrass bedding on broiler production. Poul. Sci. 96:(E-Suppl. 1).

Rogers, E., P. Patterson and R. M. Hulet. 2017. Hen manure nutrients and production in the Chesapeake Bay watershed. Poul. Sci. 96:(E-Suppl. 1).

Rogers, E., P. Patterson and R. M. Hulet. 2017. Broiler litter nutrients and production in the Chesapeake Bay watershed. Poul. Sci. 96:(E-Suppl. 1).

WI

Sunde R. A., Sunde G. R., Sunde C. M., Sunde M. L., Evenson J. K. 2015. Cloning, sequencing, and expression of selenoprotein transcripts in the turkey (*Meleagris gallopavo*). *PLoS. ONE.* 10: e0129801. PMID: 26070131

Li J. L., Sunde R. A. 2016. Selenoprotein transcript level and enzyme activity as biomarkers for selenium status and selenium requirements of chickens (*Gallus gallus*). *PLoS. ONE.* 11: e0152392. PMID: 27045754

Taylor R. M., Sunde R. A. 2016. Selenoprotein transcript level and enzyme activity as biomarkers for selenium status and selenium requirements of turkeys (*Meleagris gallopavo*). *PLoS. ONE.* 11: e0151665. PMID: 27008545

Sunde R. A., Li J. L., Taylor R. M. 2016. Insights for setting of nutrient requirements, gleaned by comparison of selenium status biomarkers in turkeys and chickens versus rats, mice, and lambs. *Adv. Nutr.* 7: 1129-1138. PMID: 28140330

Taylor R. M., Sunde R. A. 2017. Selenium requirements based on muscle and kidney selenoprotein enzyme activity and transcript level in the turkey poult *(Meleagris gallopavo*). *Exp. Biol. Med.* (submitted 8/29/17)

Sunde R. A. 2016. Selenium regulation of the selenoprotein and non-selenoprotein transcriptomes in a variety of species. In: Selenium: Its Molecular Biology and Role in Human Health (Hatfield D., Schweizer U., Tsuji P. A. & Gladyshev V., eds.), pp. 175-186.

Li J. L., Sunde R. A. 2015. Selenium status biomarkers and selenium requirements of chickens (*Gallus gallus*). *FASEB J*. 29: 759.4. (abs.)

Taylor R. M., Sunde R. A. 2015. Selenium status biomarkers and selenium requirements in the turkey (*M. gallopavo*). *FASEB J.* 29: 122.7. (abs.)

Sunde R. A., Taylor R. M., Li J. L. 2016. Selenium requirements in rats, mice, lambs, chicks and turkeys based on selenoprotein enzyme activity and transcript level. *FASEB J.* 30: 148.8. (abs.)

Taylor R. M., Bourget V. G., Sunde R. A. 2016. Selenoprotein mRNA as biomarkers of selenium status in the turkey. *FASEB Trace Elem Biol Med* #52. (abs.)

Taylor R. M., Bourget V. G., Sunde R. A. 2017. Minimum selenium requirements based on muscle and kidney glutathione peroxidase activity in the turkey. *FASEB J.* 31: 802.19. (abs.)

Sunde R. A. 2017. Selenium requirements and upper limits in mammals and avians from enzyme and molecular biomarkers. *Intl. Symp. Se Biol. Med.* O9 (abs.)

Taylor R. M., Sunde R. A. 2017. Selenium requirements of the turkey based on enzymatic biomarkers and next-generation sequencing. *Intl. Symp. Se Biol. Med.* O13 (abs.)

MS

**Linhoss, J.E.**, J.L, Purswell, and J.D. Davis. 2017. Radiant flux preference of neonatal chicks during brooding. Trans. ASABE (under review).

**Zhao, Y.**, L. Chai, B. Richardson, H. Xin. 2017. Field evaluation of an electrostatic air filtration system for reducing incoming particulate matter of a hen house. Trans. ASABE (Under review).

Harmon, J.D., S.J. Hoff, T.J. Baas, **Y. Zhao**, H. Xin, L.R. Follet. 2017. Evaluation of conditions

during weaned pig transport. Trans. ASABE (Under review).

Chai, L., **Y. Zhao**, H. Xin, T. Wang, M. Soupir. 2017. Mitigating airborne bacteria emissions from litter of cage-free hen houses by spray of acidic electrolyzed water: A laboratory study. Biosyst. Eng. (Under review).

Li. L., **Y. Zhao**, J. Oliveira, W. Verhoijsen, H. Xin. 2017. A UHF RFID system for studying individual feeding and nesting behaviors of group-housed laying hens. Trans. ASABE (Accepted).

**Linhoss, J.E.**, J.L. Purswell, J.D. Davis, and Z. Fan. 2017. Comparing radiant heater performance using spatial modeling. Appl. Eng. Agr. 33(3): 395 – 405.

Chai, L., **Y. Zhao**, H. Xin, T. Wang, A. Atilgan, M. Soupir, K. Liu. 2017. Reduction of particulate matter and ammonia by spraying acidic electrolyzed water onto litter of aviary hen houses – a lab-scale study. Trans. ASABE 60(2): 497-506.

Shepherd, T.A., H. Xin, J.P. Stinn, M.D. Hayes, **Y. Zhao**, H. Li. 2017. Ammonia and carbon

dioxide emissions of three laying-hen housing systems as affected by manure accumulation time. Trans. ASABE, 60(1):229-236.

**Zhao, Y.**, H. Xin, J. Harmon, T.J. Baas. 2016. Mortality Rate of Weaned and Feeder Pigs as

Affected by Ground Transportation Conditions. Trans. ASABE 59(4):943-948. (ASABE Superior Paper Award)

**Zhao, Y.**, D. Zhao, H. Ma, K. Liu, A. Atilgan, H. Xin. 2016. Environmental assessment of three egg production systems – Part III: Airborne bacteria concentrations and emissions. Poult. Sci. 95:1473-1481.

Ma, H., H. Xin, **Y. Zhao**, B. Li, T.A. Shepherd, I. Alvarez-Castro. 2016. Assessment of lighting

needs by W-36 laying hens via preference test. Animal 10(4):671-680.

Long, H., **Y. Zhao**, H. Xin, H. Hansen, Z. Ning, T. Wang. 2016. Effect of light-emitting diode

(LED) vs. fluorescent (FL) lighting on laying hens in aviary hen houses: Part 2 – Egg quality, shelf life and lipid composition. Poult. Sci. 95:115-124.

Long, H., **Y. Zhao**, T. Wang, Z. Ning, H. Xin. 2016. Effect of light-emitting diode (LED) vs.

fluorescent (FL) lighting on laying hens in aviary hen houses: Part 1 – Operational characteristics of lights and production traits of hens. Poult. Sci. 95:1-11.

MI

Campbell, D.L.M., A.B.A Ali, D.M. Karcher, and J.M. Siegford. 2017. Laying hens in aviaries with different litter substrates: behavior across the flock cycle and feather lipid content. Poult. Sci. doi: 10.3382/ps/pex204.

Villanueva, S., A.B.A Ali, D.L.M. Campbell, and J.M. Siegford. 2017Nest use and patterns of egg laying and damage by four strains of laying hens in an aviary system. Poult. Sci. 96:3011-3020. doi: 10.3382/ps/pex104.

Hunniford, M.E., C. Woolcott, J. Siegford, and T.M. Widowski. 2017. Nesting behavior of Hy-Line hens in modified enriched colony cages. Poult. Sci.96:1515-1523. doi: 10.3382/ps/pew436.

Ali A.B.A., D.L.M. Campbell, D.M. Karcher, and J.M. Siegford. 2016. Influence of genetic strain and access to litter on spatial distribution of four strains of laying hens in an aviary system. Poult. Sci. 95:2489-2502. doi: 10.3382/ps/pew236.

Campbell, D.L.M., D.M. Karcher, and J.M. Siegford. 2016. Location tracking of individual laying hens housed in aviaries with different litter substrates. Appl. Anim. Behav. Sci.184:74-79. doi: 10.1016/j.applanim.2016.09.001.

Campbell, D.L.M., S.L. Goodwin, M.M. Makagon, J.C. Swanson, and J.M. Siegford. 2016. Failed landings after laying hen flight in a commercial aviary over two flock cycles. Poult. Sci., 95:188-197.

Campbell, D.L.M, M.M. Makagon, J.C. Swanson, and J.M. Siegford. 2016. Laying hen movement in a commercial aviary: enclosure to floor and back again. Poult. Sci. 95:176-187.

Campbell, D.L.M., M.M. Makagon, J.C. Swanson and J.M. Siegford. 2016. Litter use by laying hens in a commercial aviary: Dust-bathing and piling. Poult. Sci.95:164-175.

Campbell, D.L.M., M.M. Makagon, J.C. Swanson and J.M. Siegford. 2016. Perch use by laying hens in a commercial aviary. Poult. Sci. 95:1736 -1742.

Mench, J.A., J.C. Swanson and C. Arnot. 2016. The Coalition for Sustainable Egg Supply: A unique public-private partnership for conducting research on the sustainability of animal housing systems using a multi-stakeholder approach. J. Anim. Sci.94:1296 - 1308.

Ali, A.B.A., D.L.M. Campbell, D.M. Karcher, and J.M. Siegford. 2017. Nighttime preference for roosting height and substrate type among four strains of laying hens in an aviary system. 10th Europ. Poult. Welfare Symp., Ploufragan, France.(Abstr.)

CT

Indu Upadhyaya, H.-B. Yin, M. Surendran Nair, C.-H. Chen, R. Lang, M. J. Darre, and K. Venkitanarayanan (2016) Inactivation of Salmonella Enteritidis on shell eggs by coating with phytochemicals. Poultry Science (September 2016) 95 (9): 2106-2111 first published online June 1, 2016 doi:10.3382/ps/pew152

GA

Harris, C. E., K. A. Gotilla, D. V.Bourassa, R. J. Buhr, and B. H. Kiepper. Impact of scalding duration and scalding water temperature on broiler processing wastewater load. International Poultry Scientific Forum, Atlanta, Georgia, January 30-31, 2017.

Harris, C. E., L. N. Bartenfeld, D. V. Bourassa, B. D. Fairchild, B. H. Kiepper, and R. J. Buhr. Evaluation of cetylpyridinium chloride (CPC) on water usage and *Salmonalla* retention in broilers following feed and water withdrawal. PSA Annual Meeting, Orlando, Florida, July 16-20, 2017.

Bourassa, D.V., J. B. Hess, A. Tigue, and J. Elmore. Methods, equipment, and considerations during training for backyard chicken processing. PSA Annual Meeting, Orlando, Florida, July 16-20, 2017.

Hess, J.B., W. D. Berry, D. V. Bourassa, C. M. Kwon, and R. W. Wallace. Can a dried Chlorella vulgaris algae / duckweek feed ingredient enhance skin pigmentation for chicken skin and egg yolks? XVII European Symposium on the Quality of Eggs and Egg Products and XXIII European Symposium on the Quality of Poultry Meat, Edinburgh, Scotland, UK, September 3-5, 2017.

Bourassa, D.V., B. C. Bowker, H. Zhuang, and R. J. Buhr. Impact of low atmosphere pressure stun/killing of broilers on breast skin *Salmonella* and *Campylobacter* post-defeathering and breast fillet meat quality. XVII European Symposium on the Quality of Eggs and Egg Products and XXIII European Symposium on the Quality of Poultry Meat, Edinburgh, Scotland, UK, September 3-5, 2017.

Bourassa, D. V. Perdas no abate por “sinovite” associada à “fraqueza nas pernas”: rupture do tenadão gastrocnêmio. aviNews Brasil. P38/42, Março 2017.

Bourassa, D. V. Decomisos por “synovitis” asociada a “patas verdes” – rupture del gastrocnemio. aviNews A. Latina, Marzo 2017.

Bourassa, D. V. Raw Poultry Products. What do all those labels mean? ACES ANR-2386.

Bourassa, D.V. Wooden Breast – Emerging Technologies for Identification. WOGS Newsletter, May 2017.

Bourassa, D.V. Pre-Scald Removal of Fecal Contamination. WOGS Newsletter, June 2017.

Bourassa, D.V. Stormwater Runoff – Minimizing *Escherichia coli*. WOGS Newsletter, July 2017.

IL

Candido, M.G.L., Y. Xiong, R.S. Gates, and K.W. Koelkebeck. 2017. Effects of atmospheric carbon dioxide levels on turkey poult performance. Poult Sci. 96 (submitted).