

CURRICULUM VITAE

KELLEY G. S. WAMSLEY

Mississippi State University
Poultry Science Department
Box 9665
Mississippi State, MS 39762
Phone: 662-325-0487
Fax: 662-325-8292
E-mail: kwamsley@poultry.msstate.edu

ACADEMIC TRAINING AT WEST VIRGINIA UNIVERSITY

Doctor of Philosophy with a Certificate in University Teaching, Animal and Food Science,
Dissertation: *Strategies to maximize feed quality and poultry performance*, 2012

Master of Science, Animal and Food Science
Thesis: *Maximizing broiler performance through feed*, 2010

Bachelor of Science, Animal and Nutritional Sciences, 2009

EMPLOYMENT

Assistant Professor of Poultry Nutrition
Department of Poultry Science, Mississippi State University
60% Research , 40% Teaching Appointment

September 2012-Current

RESEARCH AND TEACHING EXPERIENCE

GRADUATE (PhD)

Graduate Research Assistant (PhD)

January 2011-August 2012

- Contract Studies with JBS United, Enzivia, Phytex, Verenum, Poet Nutrition, Virginia Poultry Grower's Coop, Lignotech, BRI, and Adisseo
- Assist with planning for WV Poultry Week, state fair activities (2/16/2011)
- Conducted research with Virginia Poultry Grower's Coop which incorporated pellet binder inclusion, varying mixer added fat and amino acid density to improve turkey performance for the Coop (Feb-June 2011)
- Led two contract studies with Poet Nutrition Inc. utilizing various inclusions of dried distillers grains and soluble to establish the utilization of lysine and phosphorus using a broiler model (Summer 2011)
- Conducted research with Virginia Poultry Grower's Coop which varied early phytase and late DDGS inclusions to assess their effect on turkey tom performance (July 2011-Nov 2011)
- Conducted research with Virginia Poultry Grower's Coop examining yeast fermentation product inclusion on brooder hub performance and feed form effects from D42-126 for large turkey toms (Feb-June 2012)

Graduate Teaching Assistant (PhD)

January-December 2011

- Teaching Assistant for Poultry Judging Course (ANPR 338, 339)
- Teaching Assistant for Poultry Production (ANPR 367)
- Guest Lecturer in Pork Production Class

Workshop Speaking Engagements (PhD)

- Assist with Veterinary Technician classes to help the students learn about poultry and teach them to efficiently draw blood from poultry
- Small Farm Conference, Assisted with talk on backyard poultry production (2/19/2011)
- Grazing Conference, Assisted with talk on backyard poultry production (3/4/2011)
- Coordinated activities and displays (birds and poster) for Monongalia County and WV State Fair (Summer 2011)
- Preston County Kid's Safety Day (6/4/2011)
- Mercer County Extension Talk, Assisted with talk on backyard poultry production (6/21/2011)
- Assisted with WV poultry week activities (7/26-7/27/2011, 7/23-25/2012)
- Assisted with Poultry Workshop at WVU Organic Field Day (8/4/2011, 8/9/2012)
- Doddridge County Extension Workshop, Assist with talk on backyard poultry production (2/20/2012)
- Roane and Jackson Counties Extension Workshop, Assist with talk on backyard poultry production (2/21/2012)

- Wood County Extension Workshop, Assist with talk on backyard poultry production (2/23/2012)
- Small Farm Conference, Assist with workshop and talks on backyard poultry production (3/1-3/3/2012)
- Guest Lecturer for Agriculture in the Classroom (for WV Educators) (6/15/2012)

Competitive Grant Experience (PhD)

- Two Accepted Pre-Proposal Grants for US Poultry & Egg Association entitled: “Identifying ingredient and feed additive segregation in the commercial broiler industry and its effect on bird health and performance” and “Predicting optimal pellet quality and nutrient availability for maximizing broiler health and performance” (5/31/2011). Full Proposals were submitted 7/21/2011, but not funded.
- Two Accepted Pre-Proposal Grants for US Poultry & Egg Association entitled: “The effect of manufacturing technique and bactericidal liquid inclusion to reduce *Salmonella* and improve the hygienic quality of feed and health in broiler chickens” and “Predicting optimal pellet quality and nutrient availability for maximizing broiler health and performance” (12/15/2011). Full Proposals were submitted 2/10/2012, but not funded.

National Meeting Paper Presentations (PhD)

- 2012 Poultry Science Association (Athens, GA) (Graduate Student)
“Establishing the bioavailability of phosphorus in corn DDGS for D3-21 Cobb 500 male broilers”
- 2012 Poultry Science Association (Athens, GA) (Graduate Student)
- “Establishing the bioavailability of lysine in corn DDGS for D3-21 Cobb 500 male broilers”
- 2011 Poultry Science Association (St. Louis, MI) (Graduate Student)
“Resolving pellet quality issues and improving turkey poult performance with the manufacture of commercial turkey diet formulations.”

International Meeting Paper Presentations (PhD)

- 18th European Symposium on Poultry Nutrition. (Cesme- Izmir, Turkey; November 2011) “Manufacturing techniques to improve pellet quality of commercial turkey diet formulations and six week male poult performance”
- 2011 International Poultry Scientific Forum (Atlanta, Georgia) (Graduate Student)
“Resolving pellet quality issues with the manufacture of commercial turkey diet formulations.”

Professional Development

- International Poultry Scientific Forum, Atlanta, GA (2011, 2012)
- International Poultry Expo, Atlanta, GA (2008- present)
- Poultry Science Association Annual Meeting (2007- present)
- Feed Mill Education Conference, Sponsored by US Poultry & Egg Association in Nashville, TN (3/23-24/2011)
- Campus Interviews for University Faculty Positions, hosted by WVU Graduate Student Services (1/17/2012)

GRADUATE (M.S)

Graduate Research Assistant (M.S.)

Summer 2009-December 2010

- Competitive Divisional Funded
- Led study funded by a USDA/NIFSI grant “An Integrated Systems Approach to Reduce Salmonella in Organic and All Natural Poultry” (Managing two Grow-outs of 300 birds at the WVU Organic Farm and processing samples for qualitative analysis of *Salmonella* spp.)
- Mentor for Student Undergraduate Research Experience (6/09-8/09)
- Consulting for Virginia Poultry Growers Cooperative (VPGC) (12/15/09)
- Poster Presentation for Open House Celebrating Collaborative Research with WVU and VPGC (1/5/09)
- Contract Pelleting Studies with Mosaic Inc., DSM, Delacon, Syngenta, H.J. Baker, and Phytex
- Attended and Presented Poster at Mid Atlantic Nutrition Conference (3/24-25/2010)

Graduate Teaching Assistant (M.S.)

Fall 2009-December 2010

- Teaching Assistant for Poultry Production Class and Corresponding Lab (Role includes lecturing occasionally in class and organizing and lecturing for lab at the WVU Animal Science Farm)
(Fall '09)
- Teaching Assistant for Poultry Judging Course (ANPR 338, 339)

Workshop Speaking Engagements (M.S.)

- Guest Lecturer for Agriculture in the Classroom (for WV Educators) (6/19/09;6/18/10)
- Annual Speaker at Organic Field Day (2007-present; held each summer at WVU)
- Invited Speaker for VA Cattleman’s Association (8/6/09)
- Poster presentation for WV State Fair (8/17/09)
- Lead organizer for Career Development Event (9/23/09)
- Guest Lecturer for Intro to Animal Science Course (11/10)
- Poultry Judge for County Fairs
(Allegheny County, MD; 7/18/2010) (Berkeley County Youth Fair, WV; 8/3/2010)
- Assisted with WV Poultry Week and WV Poultry Week 4H Judging Contest (7/27-30/2010)
- Assisted with the organization and running of the Poultry Building at the WV State Fair (8/12-8/22/10)
- Preston County Kids Day Fair Poultry Presentation (10/10)
- Assist with Veterinary Technician classes to help the students learn about poultry and teach them to efficiently draw blood from poultry

National Meeting Paper Presentations (M.S.)

- 2009 Poultry Science Association (Raleigh, NC) (Graduate Student)
“Examining the relationship between pellet quality, broiler performance and bird sex.”
- 2010 Joint Animal Science Meeting (Denver, CO) (Graduate Student)
“Strategies to prevent preharvest *Salmonella* in organic broilers.”

Professional Development

- Mid-Atlantic Nutrition Conference, Baltimore, MD (2010)
- International Poultry Expo, Atlanta, GA (2010)
- Poultry Science Association Annual Meeting (2010)

UNDERGRADUATE

Student Undergraduate Research Experience

Summer 2007/08

- Organic Broiler Research (Summer '07)
- Preliminary Modeling Pellet Quality Study (Summer '07)
- Modeling Pellet Quality, Broiler Performance and Bird Sex (Summer '08)

Undergraduate Research Assistant

Fall 2007-2009

- Head Coordinator of Three Separate Modeling Pellet Quality Studies (Manufacturing Feed and Managing 1,200-1,600 Birds per Study)
- Contract Pelleting Studies with Mosaic Inc. and Phytex
- Contract Study with Alltech
- Assisted with Study Pertaining to Diet Formulation and Pellet Quality Effects on Broilers

Undergraduate Teaching Assistant

Spring 2008-2009

- Teaching Assistant for Poultry Judging Course
- Regular Guest Lecturer on Poultry Judging for Intro to Animal Science Class
- Guest Lecturer at Greene County (PA) Organic Poultry Field Day (4/9/08)

National Meeting Paper Presentations

- 2008 Poultry Science Association (Niagara Falls, Canada) (Undergraduate Student)
“The effects of fiber, moisture and protein on pellet manufacture variables.”

Professional Development

- Organic Alliance Meeting, Baltimore, MD (2008)
- International Poultry Expo, Atlanta, GA (2008-2009)
- Poultry Science Association Annual Meeting (2007-2009)

ACADEMIC HONORS/AWARDS

Awards and Honors:

- Member of Golden Key International Honour Society (01/2011-2012)
- Committee Member to hire new Assistant Biochemistry Professor; WVU Division of Animal and Nutritional Sciences (12/2011-Currently)
- Student Representative Member for WVU Davis College of Agriculture, Natural Resources, and Design New Dean Search Committee (8/24/2010-1/31/2011)
- Assistant Coach for WVU Poultry Judging Team
 - Team placed 3rd at 2010 45th Annual National Collegiate Poultry Judging Contest hosted by the University of Arkansas
 - Team placed 3rd at 2011 U.S. Poultry & Egg Association National Poultry Judging Contest in Baton Rouge, LA
 - Team placed 2nd at 2011 46th Annual National Collegiate Poultry Judging Contest hosted by the University of Arkansas
- Undergraduate Student Research Paper Certificate of Excellence, “The effects of fiber, moisture and protein on pellet manufacture variables”. Presented at the annual meeting of the Poultry Science Association. (7/22/2008)

Scholarships Received:

- Received Competitive Divisional Funding for Graduate School (2009-2012)
- Davis/Michael Veterinary Scholarship (2005-2006)
- Scholarship from WVU Rowing (2005-2006)
- WVU HERF Scholarship (2005-2006)
- Lawrence & Larna Cavendish Scholarship (2005-2006)
- Shady Spring Citizenship Scholarship (2005-2006)
- West Virginia Promise Scholarship (2005-2009)