

CURRICULUM VITAE – AMY B. BATAL, ASSISTANT PROFESSOR OF POULTRY NUTRITION**Education:**

California Polytechnic State University	B.S., 1996 Animal Science
Iowa State University	M.S., 1998 Animal Nutrition, Poultry
University of Illinois	Ph.D., 2001 Animal Nutrition, Poultry

Academic Positions and Professional Employment:

2002-present	-	Assistant Professor of Poultry Nutrition, University of Georgia
1998-2002	-	Research Assistant, Department of Animal Science, University of Illinois
1996-1998	-	Research Assistant, Department of Animal Science, Iowa State University

Recent and/or relevant Publications:

1. Jin, S., **A. B. Corless** and J. L. Sell. 1998. Digestive system development in post-hatch poultry. *World's Poult. Sci. J.* 54:335-345.
2. **Corless, A. B.** and J. L. Sell. 1999. The effect of delayed access to feed and water on the physical and functional development of the digestive system of young turkeys. *Poult. Sci.* 78:1158-1169.
3. **Batal, A. B.**, M. W. Douglas, A. E. Ingram, and C. M. Parsons. 2000. Protein dispersibility index as an indicator of adequately processed soybean meal. *Poult. Sci.* 79:1592-1596.
4. **Batal, A. B.**, T. M. Parr, and D. H. Baker. 2001. Zinc bioavailability in tri-basic zinc chloride and dietary zinc requirement of young chicks fed a soy-concentrate diet. *Poult. Sci.* 80:87-90.
5. **Batal, A. B.** and C. M. Parsons. 2002. Effects of age on nutrient digestibility in chicks fed different diets. *Poult. Sci.* 81:400-407.
6. D. H. Baker, **A. B. Batal**, T. M. Parr, N. R. Augspurger, and C. M. Parsons. 2002. Ideal ratio (relative to lysine) of tryptophan, threonine, isoleucine, and valine for chicks during the second and third week of life. *Poult. Sci.* 81:485-494.
7. **Batal, A. B.** and C. M. Parsons. 2002. Effect of fasting versus feeding Oasis™ after hatching on nutrient utilization in chicks. *Poult. Sci.* 81:853-859.
8. **Batal, A. B.** and C. M. Parsons. 2002. Effects of age on development of digestive organs and performance in chicks fed a corn-soybean meal versus a crystalline amino acid diet. *Poult. Sci.* 81:1338-1341.
9. **Batal, A. B.** and C. M. Parsons. 2003. Utilization of different soy products affected by age in chicks. *Poult. Sci.* 82:454-462.
10. Snow, J. L., M. W. Douglas, **A. B. Batal**, M. E. Persia, P. E. Biggs, and C. M. Parsons. 2003. Efficacy of high available phosphorus corn in laying hen diets. *Poult. Sci.* 82:1037-1041.
11. **Batal, A. B.** and C. M. Parsons. 2004. Utilization of various starch sources as affected by age in the chick. *Poult. Sci.* 83:1140-1147.
12. **Batal, A. B.** and N. M. Dale. 2003. Mineral composition of distiller's dried grains with solubles. *J. Appl. Poult. Res.* 12:400-403.
13. *Lumpkins, B. S., **A. B. Batal**, and N. M. Dale. 2004. Evaluation of distiller's dried grains with solubles as a feed ingredient for broiler chickens. *Poult. Sci.* 83:1891-1896.
14. *Lumpkins, B. S., **A. B. Batal**, and N. M. Dale. 2005. The use of distillers dried grains plus solubles in laying hen diets. *J. Appl. Poult. Res.* 14:25-31.
15. *Lumpkins, B. S. and **A. B. Batal**. 2005. The bioavailability of lysine and phosphorus in distiller's dried grains with solubles. *Poult. Sci.* 84:581-586.
16. **Batal, A. B.**, N. M. Dale, and M. B. Café. 2005. Nutrient composition of peanut meal. *J. Appl. Poult. Res.* 14:254-257.
17. *Garcia, A. R. and **A. B. Batal**. 2005. Changes in the digestible lysine and sulfur amino acid needs of broiler chicks during the first 21 days posthatching. *Poult. Sci.* 84:1350-1355.

18. *Garcia, A. R., **A. B. Batal**, and D. H. Baker. 2006. Variations in the digestible lysine requirement of broilers due to sex, performance parameters and rearing environment. *Poult. Sci.* 85:498-504.
19. **Batal, A. B.** and N. M. Dale. 2006. True metabolizable energy and amino acid digestibility of distiller's dried grains with solubles. *J. Appl. Poult. Res.* 15:89-93.
20. Fairchild, B. D., **A. B. Batal**, C. W. Ritz, and P. F. Vendrell. 2006. Effect of drinking water iron concentration on broiler performance. *J. Appl. Poult. Res.* 15:511-517.
21. *Garcia, A. R., **A. B. Batal**, and N. M. Dale. 2006. Biological availability of phosphorus sources in pre-starter and starter diets for broiler chicks. *J. Appl. Poult. Res.* 15:518-524.
22. *Garcia, A. R., **A. B. Batal**, and N. M. Dale. 2007. A comparison of methods to determine amino acid digestibility of feed ingredients for chickens. *Poult. Sci.* 86:94-101.
23. *Lumpkins, B. S., **A. B. Batal**, and D. H. Baker. 2007. Variations in the digestible sulfur amino acid requirement of broilers due to sex, growth criteria, rearing environment and processing yield characteristics. *Poult. Sci.* 86:325-330.
24. *Bartell, S. M. and **A. B. Batal**. 2007. The effect of supplemental glutamine on growth performance and development of the gastrointestinal tract and immune system. *Poult. Sci.* 86:1940:1947.
25. *Lumpkins, B. S., **A. B. Batal**, and M. D. Lee. 2008. The effect of gender on intestinal development and the microbiota community of broilers. *Poult. Sci.* 86: Research Note: (accepted).
 1. Dale, N. M. and **A. Batal**. 2005. Distillers grains (DDGS): Focusing on quality control. *Egg Industry*, Volume 110:4, p 12-13, April 2005.
 2. Dale, N. M. and **A. B. Batal**. 2005. Distillers grains (DDGS): Focusing on quality control. *Poultry USA*, p 36-39, August 2005.
 3. **Batal, A. B.** 2006. DDGS in poultry diets: Website: <http://poultrycast.com/> , September 1st 2006.
 4. **Batal, A. B.** 2007. DDGs and Biofuels with Dr. Amy Batal: Website: <http://poultrycast.com/> , June 22nd , 2007.

Invited Presentations (and Proceedings)

1. **Batal, A. B.** 2006. Panel Session: Co-Products – marketing, uses, and disposal. Georgia Bioenergy Conference 2006, Tifton, GA.
2. **Batal, A. B.** 2007. The biofuels industry and its affects on poultry nutrition. PDRC, Department of Poultry Health Seminar, Athens, GA.
3. ***Batal, A. B.** 2003. Use of distiller's dried grains in poultry feeding trials at the University of Georgia. 7th Annual Distiller's Grains Technology Council Symposium, Louisville, KY.
4. *Dale, N. M. and **A. B. Batal**. 2003. Nutritional value of distiller's dried grains and solubles. Carolina Feed Industry Association 2003 Poultry Nutrition Conference, Research Triangle Park, NC.
5. ***Batal, A. B.** 2005. Distiller's dried grains with solubles use in poultry diets. Land O'Lakes Purina Feed, LLC., St. Louis, MO.
6. **Batal, A. B.** 2006. Distiller's dried grains with solubles use in poultry diets. Livestock, Grains, and Ethanol Workshop, American Farm Bureau and USDA, Washington DC.
7. **Batal, A. B.** 2006. Distiller's dried grains with solubles use in poultry diets. Biofuels Issues Conference, American Farm Bureau, Des Moines, IA.
8. **Batal, A. B.** 2007. Ethanol production: Implications for poultry feeding. 2007 USDA Outlook Forum, Arlington, VA.

9. ***Batal, A. B.** 2007. Strategies for poultry diet formulation with high corn prices using DDGS and other ingredients. 11th Annual Distillers Grains Technology Council Symposium, Louisville, KY.
10. **Batal, A. B.** 2007. Distiller's grains and other alternatives to replace corn in poultry diets to reduce diet costs. Mid-Atlantic Layer Management Workshop. St. Simons, GA.
11. **Batal, A. B.** 2007. Formulating poultry diets with distiller's dried grains plus solubles. Carolina Feed Industry Association Summer Convention. Myrtle Beach, SC.
12. **Batal, A. B.** 2007. Distiller's dried grains with solubles in chicken production and nutrition. DDGS short course sponsored by the Northern Crops Institute and the American Feed Industry Association, Fargo, ND.
13. ***Batal, A. B.** 2007. Use of distiller's dried grains with solubles and other alternatives to replace corn. Carolina Feed Industry Association Poultry Nutrition Conference, Research Triangle Park, NC.
14. **Batal, A. B.** 2008. Use of distiller's dried grains with solubles (DDGS) in poultry diets. US Grains Council, International Poultry Exposition.
15. ***Batal, A. B.** 2008. Use of distiller's dried grains with solubles and other alternatives to replace corn. Virginia State Feed Association Annual Conference, Blacksburg, VA.
16. **Batal, A. B.** 2008. Distillers Grains Research in Poultry Rations. 13th Annual National Ethanol Conference, Orlando, FL
19. **Batal, A. B.** 2005. The nutritional values of distiller's dried grains with solubles in poultry diets. Jamaican and South American Poultry Nutritionists Roundtable, Montego Bay, Jamaica.
20. **Batal, A. B.** 2005. Use of distiller's dried grains with solubles (DDGS) in poultry diets. U.S. Grains Council, Guatemala City, Guatemala.
21. **Batal, A. B.** 2005. Use of distiller's dried grains with solubles (DDGS) in different species. U.S. Grains Council, San Salvador, El Salvador.
22. **Batal, A. B.** 2005. Using DDGS and other co-products. Caribbean and Central American Merchandisers' Roundtable, Guatemala City, Guatemala.
23. **Batal, A. B.** 2006. DDGS and corn: Quality issues Nutritionists and Merchandisers' Roundtable, San Jose, Costa Rica.
24. **Batal, A. B.** 2006. Use of distiller's dried grains with solubles (DDGS) in poultry diets. U.S. VEG and DDGS Nutritionists' Summit. Puerto Vallarta, México.
25. **Batal, A. B.** 2006. Use of distiller's dried grains with solubles (DDGS) in poultry diets. Central America and Latin America Poultry Nutritionists' Roundtable. Quito, Ecuador.